



**CERTIFICAZIONI DI QUALITA'  
QUALITÄTSZERTIFIKATE  
QUALITY CERTIFICATES  
CERTIFICATION DE QUALITE  
CERTIFICACIÓN DE CALIDAD**



**RINA**  
[www.rina.org](http://www.rina.org)

---

|                 |            |
|-----------------|------------|
| – CERTIFICATO   | N° 95/94/S |
| – SZERTIFIKATE  | N° 95/94/S |
| – CERTIFICATE   | N° 95/94/S |
| – CERTIFICATION | N° 95/94/S |
| – CERTIFICADO   | N° 95/94/S |

---



---

|                 |            |
|-----------------|------------|
| – CERTIFICATO   | N° IT 2633 |
| – SZERTIFIKATE  | N° IT 2633 |
| – CERTIFICATE   | N° IT 2633 |
| – CERTIFICATION | N° IT 2633 |
| – CERTIFICADO   | N° IT 2633 |

---





**I NOSTRI INDIRIZZI - UNSERE ADRESSE - OUR ADRESSES  
NOS ADRESSES - NUESTRAS SEÑAS**

**SEDE CENTRALE - HAUPTSITZ - HEAD OFFICE  
SIÈGE CENTRAL - SEDE CENTRAL**

**Rastelli Raccordi - s.r.l.**  
27019 VILLANTERIO (PV) - ITALIA  
Tel. (+39) 0382 / 963000 r.a. - 967257 - 967067  
Fax. (+39) 0382 / 967080 - 963210  
email: [marketing.it@rastelliraccordi.com](mailto:marketing.it@rastelliraccordi.com)  
[administration.it@rastelliraccordi.com](mailto:administration.it@rastelliraccordi.com)  
sito internet: [www.rastelliraccordi.it](http://www.rastelliraccordi.it)

**Organizzazione di vendita**  
**Verkaufsorganisation**  
**Sales organization**  
**Organisation des ventes**  
**Organización de ventas**

**RIT - TORINO**  
Corso Traiano, 70/72  
Tel. 011-611508 / 6197041 - Fax 011-6191106  
e-mail: [torino.it@rastelliraccordi.com](mailto:torino.it@rastelliraccordi.com)

**RIT - PADOVA**  
Via Navigazione Interna, 9  
Tel. 049-7800933 - Fax 049-7800234  
e-mail: [padova.it@rastelliraccordi.com](mailto:padova.it@rastelliraccordi.com)

**RIT - BOLOGNA**  
**Calderara di Reno - Loc. Bargellino**  
Via dell'Industria, 4/e  
Tel. 051-728889 / 728886 - Fax 051-727486  
e-mail: [bologna.it@rastelliraccordi.com](mailto:bologna.it@rastelliraccordi.com)

**RIT-AVELLINO**  
**S. Martino Valle Caudina**  
Strada Statale 7 - Km. 246  
Tel. 0824 / 832714 - Fax 0824 / 832720  
e-mail: [avellino.it@rastelliraccordi.com](mailto:avellino.it@rastelliraccordi.com)

**Filiali in Europa**  
**Niederlassungen in Europa**  
**Branch offices in Europe**  
**Filiales en Europe**  
**Filiales en Europa**

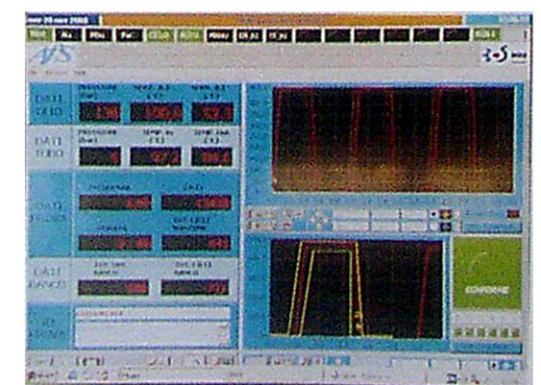
**D-73760 OSTFILDERN-NELLINGEN**  
Felix Wankel Str. 21  
Tel. (+49) 711 3412086 - Fax (+49) 711 3412142  
e-mail: [germany@rastelliraccordi.com](mailto:germany@rastelliraccordi.com)

**28000 CHARTRES-FRANCE**  
1, Pôle Atlantis  
Téléphone: (+33) 2-37302466  
Télécopie: (+33) 2-37907982  
e-mail: [france1@rastelliraccordi.com](mailto:france1@rastelliraccordi.com)  
e-mail: [france2@rastelliraccordi.com](mailto:france2@rastelliraccordi.com)

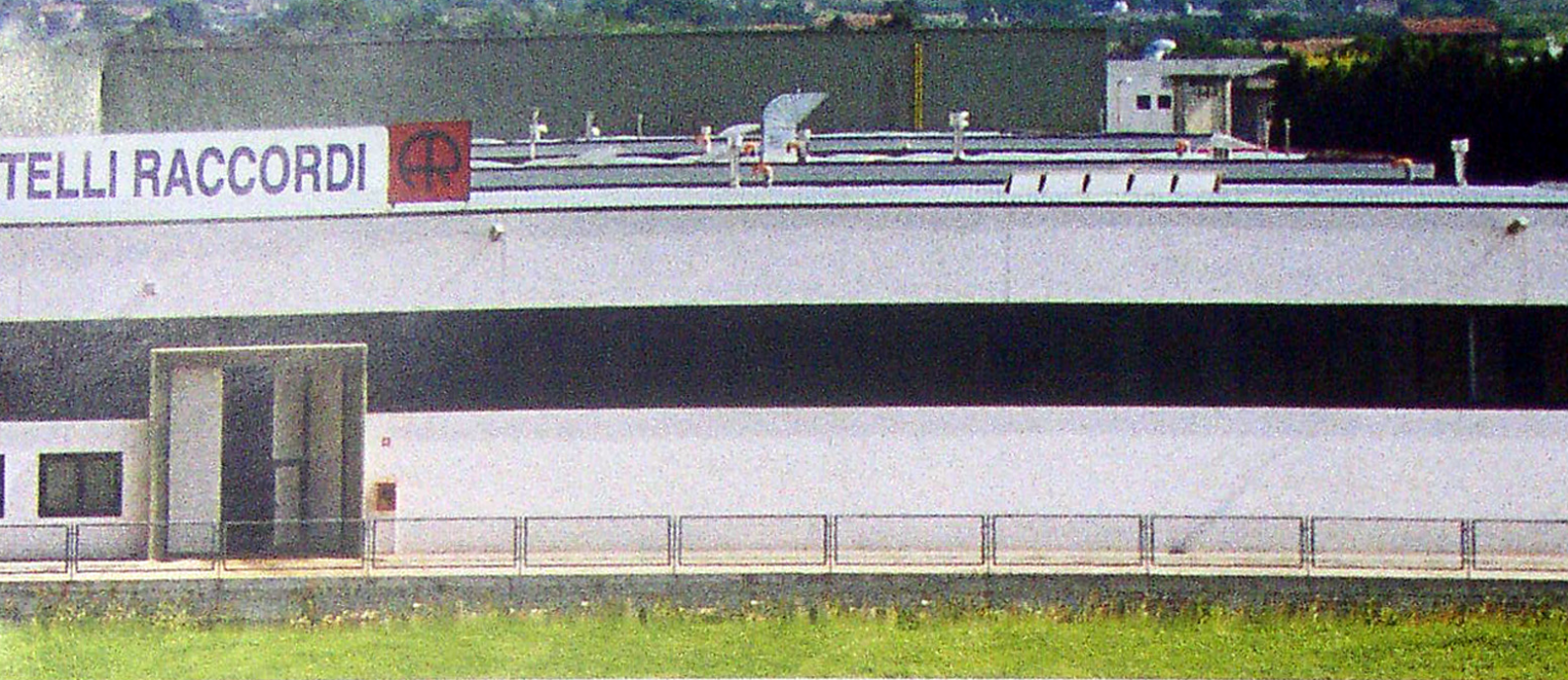
**44335 NANTES-CEDEX 3**  
61, Rue de la Garde - BP93509  
Téléphone: (+33) 2 40521905  
Télécopie: (+33) 2 40521961  
e-mail: [nantes@rastelliraccordi.com](mailto:nantes@rastelliraccordi.com)

**08107 MARTORELLES Barcelona (ESPAÑA)**  
C/Can Fanosa n. 18  
Poligono Industrial Roca  
Teléfono (+34) 93-5705895 -  
Telefax (+34) 93-5705954  
e-mail: [espana@rastelliraccordi.com](mailto:espana@rastelliraccordi.com)

**CATALOGO:** RACCORDI TUBO FLESSIBILI  
**CATALOGUE:** SCHLAUCHARMATUREN  
**CATALOGUE:** FLEXIBLE TUBE FITTINGS  
**KATALOG:** EMBOUTS DE FLEXIBLES  
**CATALOGO:** RACOR PARA TUBO FLEXIBLE







## MONTAGGIO TUBI FLESSIBILI - SCHLAUCHLEITUNGEN EINBAU - HOSES INSTALLATION TUYAUX FLEXIBLES MONTAGE - TUBERIAS FLEXIBLES MONTAJE

Per assicurare la funzionalità e per evitare di abbreviare la durata del tubo flessibile tramite eccessiva sollecitazione, è necessario soddisfare i requisiti seguenti.

Um die Funktionsfähigkeit sicherzustellen und die Lebensdauer der Schlauchleitungen nicht durch zusätzliche Beanspruchung zu verkürzen, sind nachfolgende Anforderungen zu erfüllen.

In order to ensure their good working state and to avoid shortening the life of the hoses through excessive stress, it is essential that the following requirements be observed.

Pour assurer leur fonction et éviter de raccourcir la durée des tuyaux à cause d'une sollicitation excessive, il est essentiel d'observer les conditions suivantes.

Para garantizar la funcionalidad y evitar que se reduzca la duración del tubo flexible por causa de excesiva utilización, es necesario cumplir los requisitos siguientes.

### 1. REQUISITI - ANFORDERUNGEN - REQUIREMENTS - CONDITIONS REQUISES - REQUISITOS

La lunghezza del tubo flessibile si determina sulla base delle condizioni di montaggio. È necessario tener conto dell'accorciamento oppure dell'allungamento possibili sotto pressione, secondo i dati riportati nella norma relativa del tubo.

Die Schlauchleitungslänge ist entsprechend den Einbauverhältnissen zu bestimmen. Die mögliche Kürzung oder Längung unter Druck ist entsprechend den Angaben in der jeweiligen Schlauchnorm zu berücksichtigen.

The hose length shall be defined on the basis of the conditions of installation. It is important to consider the possible shortening or lengthening of a hose under pressure, as reported in the specific norm referred to the hose.

La longueur du tuyau doit être établie sur la base des conditions de montage. Il faut tenir compte du raccourcissement ou bien de l'allongement possibles du tuyau sous pression, selon les données indiquées dans la norme relative du tuyau.

La longitud de un tubo flexible debe ser determinada de acuerdo con las condiciones de montaje. Es necesario tener en cuenta la reducción o los alargamientos posibles bajo presión, según los datos indicados de la norma relativa a cada tubo.

1.1 Si deve evitare di attorcigliare il tubo (vedi fig. 1).

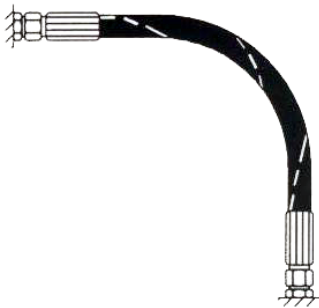
1.1 Any twisting of a hose shall be avoided (see Fig. 1).

1.1 Se debe evitar, torcer el tubo flexible (ver Fig. 1).

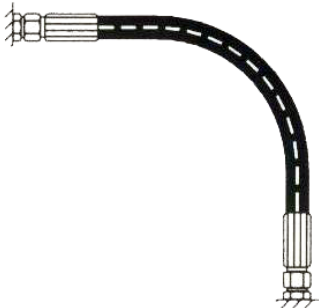
1.1 Ein Verdrehen des Schlauches ist zu vermeiden (siehe Bild 1).

1.1 Il faut éviter de tordre le tuyau (voir Fig. 1).

Figura 1 - Bild 1 - Figure 1



errato - falsch - wrong - faux - incorrecto



corretto - richtig - right - bon - correcto

La RASTELLI è lieta di annunciare l'ampliamento della gamma dei Raccordi per Tubo Flessibile. Con questo nuovo catalogo che si aggiunge ad altri di qualificatissimi prodotti (raccordi DIN 2353 - ISO 8434-1 - SAE J514, raccordi per tubo GAZ serie francese, adattatori BS 5200) la RASTELLI soddisfa in modo totale le richieste del mercato e le esigenze dei Clienti. Con nuovissimi impianti produttivi ed assicurando sperimentatissime applicazioni sui controlli di processo secondo la NORMA ISO 9001 la RASTELLI amplia i propri mercati in EUROPA e nel MONDO con un prodotto sempre più innovativo e sperimentato. Le consegne sono pronte grazie ad importanti STOCK dislocati nella sede e nelle Filiali Italiane ed Estere, il servizio è assicurato dall'organizzazione di vendita della RASTELLI e delle proprie filiali in ITALIA ed in EUROPA.

Die Firma RASTELLI freut sich darauf, die Erweiterung ihrer Verschraubungspalette für Schläuche vorzustellen.

Mit diesem Katalog, dem neuesten von vielen anderen Katalogen hochqualifizierter Produkte (z.B. Rohrverschraubungen nach DIN 2353 - ISO 8434-1, SAE J514, Gasrohrverschraubungen der französischen Serie, Adapter BS 5200), kommt RASTELLI der Nachfrage des Marktes völlig nach und befriedigt alle möglichen Bedürfnisse der Kunden.

Dank neuesten Herstellungsanlagen und der Anwendung von gut bewährten Prozeßkontrollsystemen gemäß der Norm ISO 9001, vergrößert RASTELLI ihren Marktanteil in Europa und in der Welt mit einem Produkt, das immer innovativer und zuverlässiger wird. Eine prompte Lieferung ist durch die im Hauptsitz der Firma und in ihren nationalen und ausländischen Niederlassungen bestehenden großen Warenlager gewährleistet; der Kundendienst wird von der Verkaufsorganisation der Firma RASTELLI und ihrer Filialen in Italien und Europa geleistet.

We are happy to announce the new wider range of RASTELLI hose fittings. This new catalogue, in addition to the ones for the other highly qualified RASTELLI products, such as DIN 2353 - ISO 8434-1, SAE J514, French GAZ fittings and BS 5200 adapters, will totally satisfy the hydraulic market requirements and Customer's needs. Thanks to new production facilities and by adopting well tested process control systems according to ISO 9001, RASTELLI increases its market share in Europe and world-wide, with innovative and reliable products.

Well stocked warehouses at the Company headquarters and at the Italian and European branches, and a dedicated sales organisation allow fast deliveries and high level of service to all our Customers in Italy and abroad.

RASTELLI est heureuse d'annoncer l'élargissement de la gamme des Raccords pour Tuyaux Flexibles.

Avec ce nouveau catalogue, qui s'ajoute aux autres de produits hautement qualifiés (par exemple, les raccords DIN 2353 - ISO 8434-1, SAE J514, les raccords pour tuyaux de gaz de la série française, les adaptateurs BS 5200), RASTELLI satisfait entièrement les demandes du marché et les exigences des clients.

En utilisant les dernières installations de production et en adoptant des systèmes très expérimentés pour les contrôles de procédé selon la Norme ISO 9001, RASTELLI augmente son segment du marché en Europe et dans le monde avec un produit qui devient de plus en plus innovateur et fiable.

La livraison est immédiate, grâce à des stocks considérables tenus chez le siège de la société et chez ses filiales nationales et étrangères; le service clients est assuré par le service commercial de RASTELLI et ses filiales en Italie et en Europe.

La Cía. RASTELLI se complace en anunciar la ampliación de la gama de Racores para Tubos Flexibles.

Con este nuevo catálogo, que se añade a otros de productos calificadísimos (por ejemplo, los racores DIN 2353 - ISO 8434-1, SAE J514, los racores de tubos de gas de la serie francesa, los adaptadores BS 5200), RASTELLI satisface de manera completa las demandas del mercado y las necesidades de los clientes.

Gracias a novísimos equipos de producción y asegurando sistemas de control de procedimiento muy acreditados, según la Norma ISO 9001, RASTELLI amplía su mercado en Europa y en el mundo con un producto, que siempre progresa en innovación y fiabilidad. Las entregas se hacen pronto, gracias a un stock importante mantenido en la sede principal y en las filiales nacionales y extranjeras; el servicio está asegurado por la organización de ventas de RASTELLI y de sus filiales en Italia y en Europa.



**1.2** I tubi flessibili devono essere montati in modo che non sussista rischio di rottura per trazione in tutte le condizioni d'esercizio, salvo che per peso proprio; e neppure una sollecitazione del tubo in caso di piccole lunghezze (vedi Fig. 2).

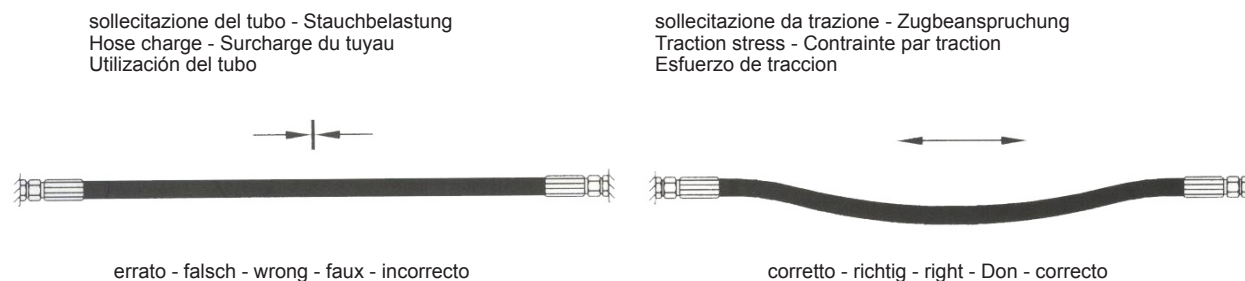
**1.2** Schlauchleitungen sollen so eingebaut sein, daß in allen Betriebszuständen Zugbeanspruchung, ausgenommen durch Eigengewicht, entfällt; ebenso Schlauchbelastung bei kurzen Längen (siehe Bild 2).

**1.2** Hoses shall be installed in such a way that they run no risk of breaking due to traction in all working conditions, except for their own weight or that hoses are overloaded if their length is short (see Fig. 2).

**1.2** Les tuyaux doivent être montés de manière à ce qu'il n'ait pas de risque de rupture par traction dans toute condition de travail, sauf par son propre poids et que le tuyau ne soit pas surchargé en cas de petites longueurs (voir Fig. 2).

**1.2** Los tubos flexibles deben ser montados en modo que no exista riesgo de rotura, debido a la tracción en todas las condiciones de trabajo, excepto que por peso propio y ni siguiera una excesiva utilización del tubo en el caso de un pequeño alargamiento (ver Fig. 2).

Figura 2-Bild 2- Figure 2



**1.3** Per quanto è possibile, i tubi flessibili devono essere montati nel rispetto della loro posizione naturale, facendo attenzione a non scendere al di sotto del raggio di curvatura minimo tollerato (vedi Fig. 3).

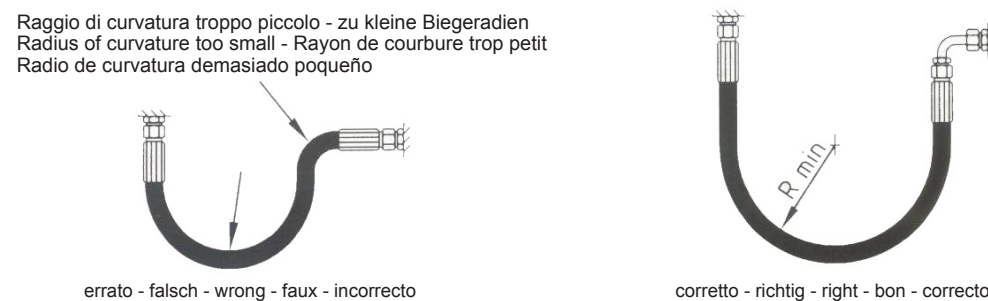
**1.3** Schlauchleitungen sollen möglichst ihrer natürlichen Lage folgend eingebaut werden, wobei die kleinsten zulässigen Biegeradien nicht unterschritten werden dürfen (siehe Bild 3).

**1.3** Hoses shall be possibly installed in conformity with their natural position, taking care not go below the minimum radius of curvature allowed (see Fig. 3).

**1.3** Les tuyaux doivent être montés, autant que possible, suivant leur position naturelle, en veillant à ce que le rayon de courbure maximum toléré soit respecté, c'est-à-dire pas au-dessous de celui-ci (voir Fig. 3).

**1.3** Los tubos flexibles deben montarse cuanto sea posible respetando su posición natural, cuidando a no bajar del radio de curvatura mínimo tolerado (ver Fig. 3).

Figura 3 - Bild 3 - Figure 3



**1.4** Se il tubo deve essere montato curvo, si deve scegliere la sua lunghezza in modo che la curvatura prevista dal progetto inizi solo dopo una lunghezza di  $\approx 1.5 d$  (vedi Fig. 4); eventualmente, prevedere una protezione per il punto di piegatura.

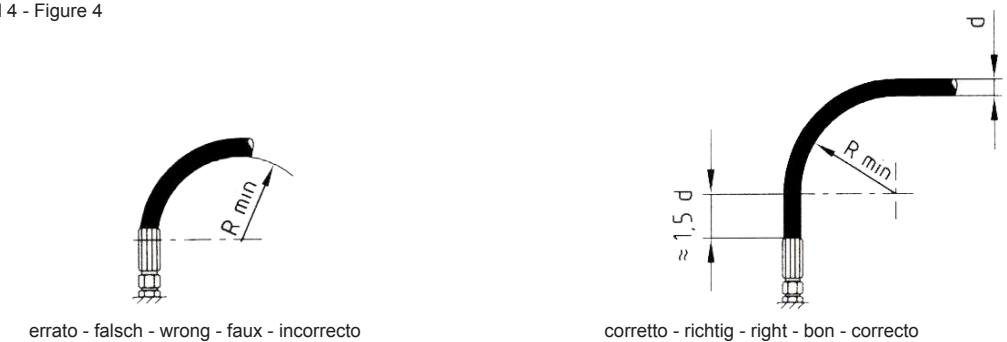
**1.4** Bei gebogenem Einbau sollte die Schlauchleitungslänge so gewählt werden, daß die konstruktiv vorgesehene Biegung des Schlauches erst nach einer Länge von  $\approx 1.5 d$  beginnt (siehe Bild 4); gegebenenfalls ist ein Knickschutz vorzusehen.

**1.4** If a hose must be bent for installation, its length shall be determined in a way that the bending required by design only begins after a length of  $\approx 1.5 d$  (see Fig. 4); if necessary, use a protection for the elbow.

**1.4** Si le tuyau doit être monté courbe, sa longueur doit être choisie de manière à ce que la courbure prévue par le dessin commence seulement après une extension de  $\approx 1.5 d$  (voir Fig. 4); si nécessaire, utilisez une protection pour le coude.

**1.4** Si al tubo debe ser montado curvado, se debe escoger su longitud de manera que la curvatura prevista en el dibujo empiece solamente después de una longitud de  $\approx 1.5 d$  (ver Fig. 4); eventualmente utilizar una protección en la parte curvada.

Figura 4 - Bild 4 - Figure 4



**1.5** Sollecitazioni aggiuntive del tubo possono essere evitate utilizzando raccordi adeguati (vedi Fig. 5).

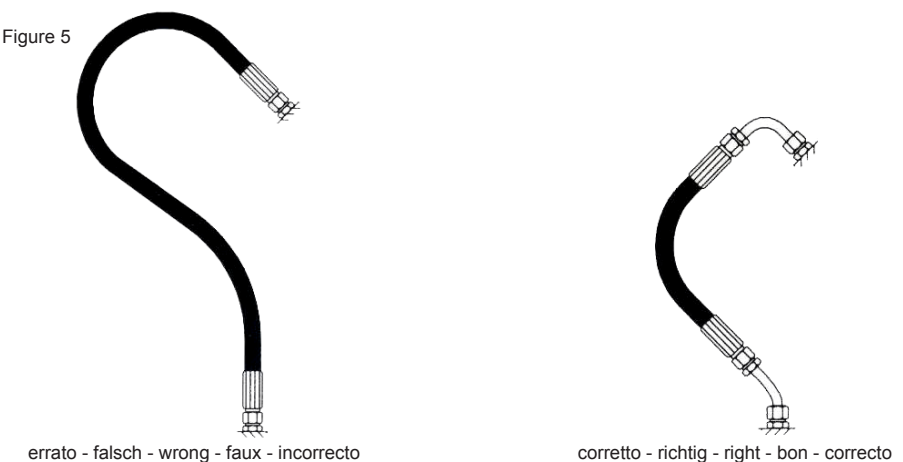
**1.5** Durch Verwendung geeigneter Armaturen bzw. Verbindungsstücke wird eine zusätzliche Beanspruchung des Schlauches vermieden (siehe Bild 5).

**1.5** Further stress can be avoided by using adequate fittings for the hose (see Fig. 5).

**1.5** On peut éviter une ultérieure contrainte du tuyau en utilisant des raccords adéquats (voir Fig. 5).

**1.5** La excesiva longitud del tubo puede ser evitada utilizando conexiones o racores adecuados (ver Fig. 5).

Figura 5 - Bild 5 - Figure 5



## 2. PREVENZIONE DI DANNEGGIAMENTI ESTERNI - VERMEIDEN ÄUßERER BESCHÄDIGUNGEN - PREVENTION OF EXTERNAL DAMAGES - PREVENTION DES DOMMAGES EXTERIEURS- PREVENCIÓN DE LOS DAÑOS EXTERNOS

**2.1** È necessario evitare influenze meccaniche esterne sul tubo flessibile, incluso lo sfregamento del tubo sulla struttura portante oppure di più tubi fra di loro mediante un adeguato posizionamento ed ancoraggio. Se necessario, proteggere i tubi, per esempio, con rivestimenti di protezione. Gli spigoli vivi della struttura portante devono essere coperti.

**2.1** Äußere mechanische Einwirkungen auf die Schlauchleitungen, auch das Scheuern der Schläuche an Bauteilen oder untereinander ist durch zweckmäßige Anordnung und Befestigung zu vermeiden. Soweit erforderlich, sind die Schläuche z. B. durch Schutzüberzüge zu sichern. Scharfkantige Bauteile sind abzudecken.



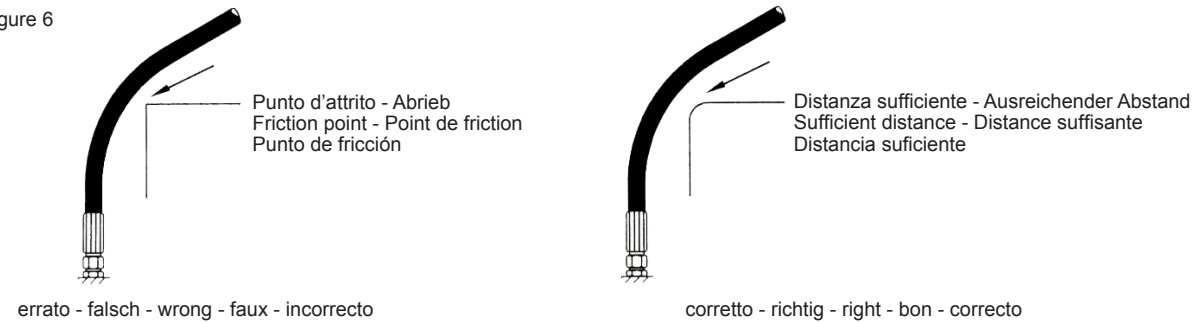


**2.1** It is necessary to eliminate all mechanical effects on a hose, including its rubbing against the supporting structure or the rubbing of a hose against another hose, by an adequate arrangement and fastening of the same. If necessary, the hoses shall be protected by a sheath. The structure sharp edges shall be covered.

**2.1** Il est nécessaire d'éviter toute influence mécanique extérieure sur les tuyaux, y compris le frottement du tuyau contre la structure de construction ou d'un tuyau contre l'autre, moyennant un arrangement correcte et la fixation des tuyaux. Si nécessaire, il faut protéger les tuyaux par exemple avec des gaines. Les arêtes aiguës doivent être couvertes.

**2.1** Es necesario evitar influencia mecánica externa sobre el tubo flexible, incluso el roce del tubo contra un elemento cercano o de un tubo contra el otro por medio de una disposición conveniente y fijación del tubo. Es necesario, proteger los tubos, por ejemplo, con una protección. Las aristas vivas de los elementos cercanos deben ser cubiertas.

Figura 6 - Bild 6 - Figure 6



### 3. RIDUZIONE DELLA SOLLECITAZIONE DA FLESSIONE - VERMINDERN DER BIEGEBEANSPRUCHUNG - REDUCTION OF BENDING STRESS - RÉDUCTION DE LA CONTRAINTE DE FLEXION - REDUCCIÓN DE LA UTILIZACIÓN DE LA CURVATURA

Quando si allaccia un tubo flessibile ad una parte mobile, la lunghezza del tubo deve essere tale che, nell'intero campo del movimento, non si scenda al di sotto del raggio di curvatura minimo tollerato e/o il tubo non sia ulteriormente sollecitato nel tiraggio (vedi Fig. 7).

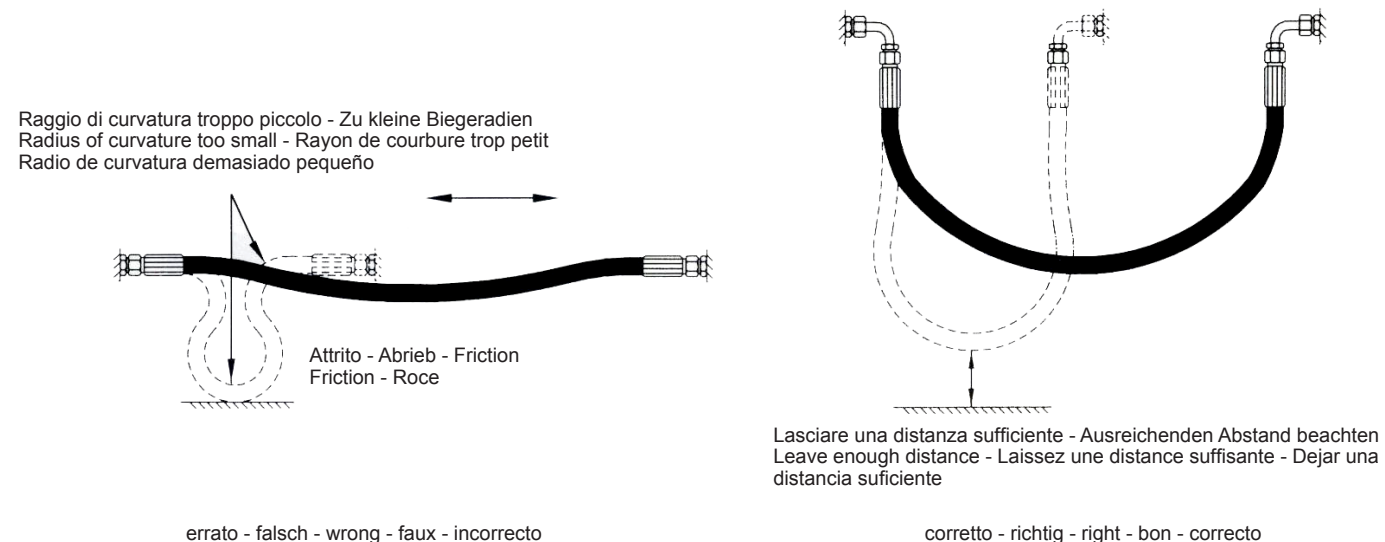
Bei Anschluß einer Schlauchleitung an sich bewegende Teile muß die Schlauchlänge so bemessen sein, daß in dem gesamten Bewegungsbereich der kleinste zulässige Biegeradius nicht unterschritten und/oder die Schlauchleitung zusätzlich nicht auf Zug beansprucht wird (siehe Bild 7).

When connecting a hose to a moving part, the hose length shall be such that the minimum radius of curvature allowed is respected for the whole span of the movement and/or the hose is not further traction-stressed (see Fig. 7).

En joignant un tuyau à un élément mobile, la longueur du tuyau doit permettre de ne pas descendre au-dessous du rayon de courbure minimum toléré et/ou que le tuyau ne soit pas ultérieurement soumis à des contraintes par traction (voir Fig. 7).

Quando se une un tubo flexible a una pieza móvil, la longitud del tubo debe ser suficiente para que, en todo el campo del movimiento el radio de curvatura mínimo tolerado sea mantenido y/o el tubo no sea sometido a un demasiado esfuerzo de tracción (ver Fig. 7).

Figura 7 - Bild 7 - Figure 7



### 4. PREVENZIONE DELLA SOLLECITAZIONE DA TORSIONE - VERMEIDEN VON VERDREHBEANSPRUCHUNG - PREVENTION OF TORSION STRESS - PREVENTION DE LA CONTRAINTE DE TORSION - PREVENCIÓN DE LA CARGA DE TORSIÓN

Quando si allaccia un tubo flessibile ad una parte mobile, occorre evitare di torcere il tubo, se movimento e curvatura avvengono sullo stesso piano. Ciò si può ottenere con un montaggio corretto o con misure costruttive adeguate (vedi Fig. 8).

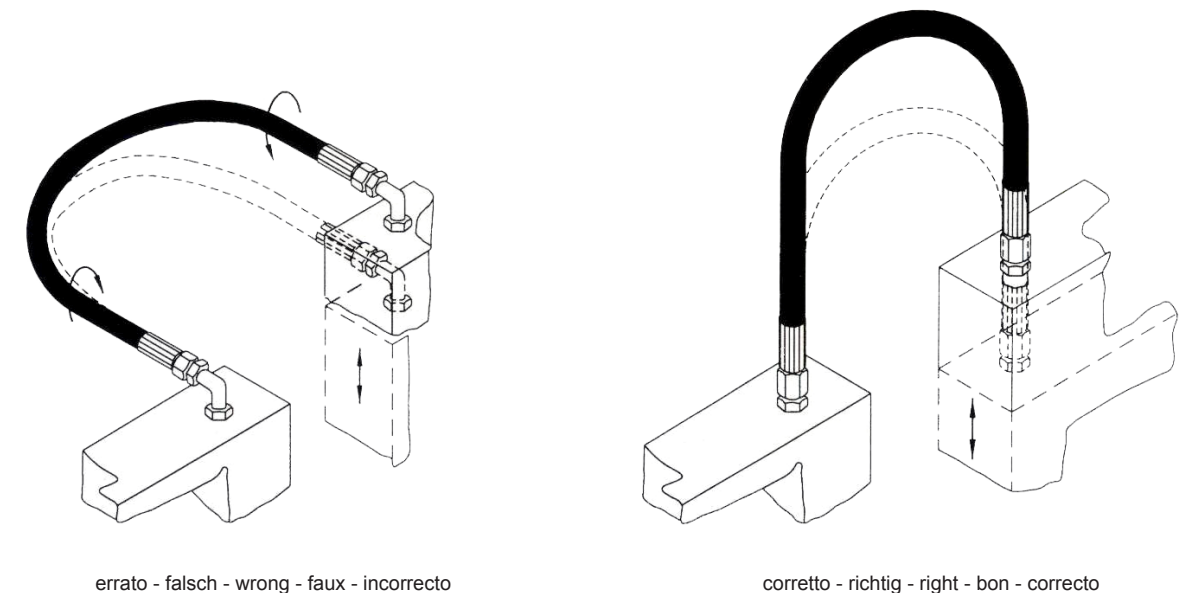
Bei Anschluß einer Schlauchleitung an sich bewegende Teile ist das Verdrehen des Schlauches zu vermeiden, wenn Bewegung und Biegung in der gleichen Ebene stattfinden. Dies ist durch geeigneten Einbau oder durch konstruktive Maßnahmen zu erreichen (siehe Bild 8).

When connecting a hose to a moving part, care shall be taken not to twist the hose, in case movement and bending occur at the same level. This can be attained by an adequate installation or construction measures (see Fig. 8).

En joignant un tuyau à un élément mobile, il faut éviter de tordre le tuyau, si mouvement et courbure ont lieu au même niveau. Cela peut être obtenu grâce à un montage adéquat ou par des mesures constructives (voir Fig. 8).

Quando se une un tubo flexible a una pieza móvil se debe evitar no deformar el tubo torciendo, e el movimiento y curvatura están al mismo nivel. Esto se puede lograr con un montaje correcto o con medidas de construcción adecuadas (ver Fig. 8).

Figura 8 - Bild 8 - Figure 8







VALORI DI PRESSATURA BOCCOLE PER TUBI FLESSIBILI  
PRESSWERTE FÜR SCHLAUCH-PRESSHÜLSEN  
PRESSING VALUE FOR CRIMP FERRULE  
COTE DE SERTISSAGE DES JUPES POUR EMBOUTS DE FLEXIBLE  
COTAS DE PRENSADO DE LOS CASQUILLOS DE MANGUERA FLEXIBLE

- Raccordi standard
- Standard Anschlußstücke
- Standard fittings
- Raccords standard
- Racor estándar

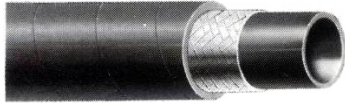
| SPECIFICA<br>EN 853/1SN<br>DIN 20022/3-1SN<br>SAE 100 R1AT                          | TECHNISCHE DATEN<br>EN 853/1SN<br>DIN 20022/3-1SN<br>SAE 100 R1AT                   | SPECIFICATIONS<br>EN 853/1SN<br>DIN 20022/3-1SN<br>SAE 100 R1AT                                                          | SPECIFICATIONS<br>EN 853/1SN<br>DIN 20022/3-1SN<br>SAE 100 R1AT | ESPECIFICACIONES<br>EN 853/1SN<br>DIN 20022/3-1SN<br>SAE 100 R1AT |                                                                                                           |      |                                                                                            |    |             |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------------------|----|-------------|
|  | BOCCOLA CODICE<br>HÜSENTYPE<br>FERRULE CODE<br>DESCRIPTION JUPE<br>CÓDIGO CASQUILLO | Ø Interno Tubo<br>Schlauch-innendurchmesser<br>Bore diameter<br>Diamètre Intérieur de tuyau<br>Díametro interno manguera |                                                                 |                                                                   | Ø di Pressatura<br>Pressdurchmesser<br>Crimping diameter<br>Diamètre de sertissage<br>Díametro de presado |      | Pelatura esterna<br>Außenschälung<br>Outside skive<br>Denudage extérieur<br>Pelado externo |    |             |
|                                                                                     |                                                                                     | Pollici (1)                                                                                                              | dash                                                            | DN                                                                | mm                                                                                                        | mm   | Pollici (1)                                                                                | mm | Pollici (1) |
|                                                                                     | 600490304                                                                           | 1/4                                                                                                                      | 4                                                               | 6                                                                 | 6,4                                                                                                       | 16,6 | 0,653                                                                                      | -  | -           |
|                                                                                     | 600490305                                                                           | 5/16                                                                                                                     | 5                                                               | 8                                                                 | 7,9                                                                                                       | 18,5 | 0,728                                                                                      | -  | -           |
|                                                                                     | 600490306                                                                           | 3/8                                                                                                                      | 6                                                               | 10                                                                | 9,5                                                                                                       | 20,5 | 0,807                                                                                      | -  | -           |
|                                                                                     | 600490308                                                                           | 1/2                                                                                                                      | 8                                                               | 13                                                                | 12,7                                                                                                      | 24,4 | 0,960                                                                                      | -  | -           |
|                                                                                     | 600490310                                                                           | 5/8                                                                                                                      | 10                                                              | 16                                                                | 15,9                                                                                                      | 28,2 | 1,110                                                                                      | -  | -           |
|                                                                                     | 600490312                                                                           | 3/4                                                                                                                      | 12                                                              | 19                                                                | 19,0                                                                                                      | 32,2 | 1,267                                                                                      | -  | -           |
|                                                                                     | 600490316                                                                           | 1"                                                                                                                       | 16                                                              | 25                                                                | 25,4                                                                                                      | 40,7 | 1,602                                                                                      | -  | -           |
|                                                                                     | 600490320                                                                           | 1" 1/4                                                                                                                   | 20                                                              | 32                                                                | 31,8                                                                                                      | 48,2 | 1,897                                                                                      | -  | -           |
|                                                                                     | 600490324                                                                           | 1" 1/2                                                                                                                   | 24                                                              | 38                                                                | 38,1                                                                                                      | 56,5 | 2,224                                                                                      | -  | -           |
|                                                                                     | 600490332                                                                           | 2"                                                                                                                       | 32                                                              | 50                                                                | 50,8                                                                                                      | 70   | 2,755                                                                                      | -  | -           |
|                                                                                     |                                                                                     |                                                                                                                          |                                                                 |                                                                   |                                                                                                           |      |                                                                                            |    |             |

(1) Zoll - Inches - Pouces - Pulgadas

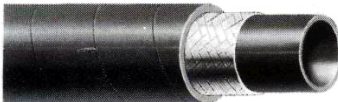
| SPECIFICA<br>EN 853/1SN<br>DIN 20022/3-1SN<br>SAE 100 R1AT                          |  | TECHNISCHE DATEN<br>EN 853/1SN<br>DIN 20022/3-1SN<br>SAE 100 R1AT                   |      | SPECIFICATIONS<br>EN 853/1SN<br>DIN 20022/3-1SN<br>SAE 100 R1AT                                                          |      | SPECIFICATIONS<br>EN 853/1SN<br>DIN 20022/3-1SN<br>SAE 100 R1AT |      | ESPECIFICACIONES<br>EN 853/1SN<br>DIN 20022/3-1SN<br>SAE 100 R1AT                                         |             |                                                                                            |             |
|-------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------------------------------------------------|------|-----------------------------------------------------------------|------|-----------------------------------------------------------------------------------------------------------|-------------|--------------------------------------------------------------------------------------------|-------------|
|  |  | BOCCOLA CODICE<br>HÜSENTYPE<br>FERRULE CODE<br>DESCRIPTION JUPE<br>CÓDIGO CASQUILLO |      | Ø Interno Tubo<br>Schlauch-innendurchmesser<br>Bore diameter<br>Diamètre Intérieur de tuyau<br>Díametro interno manguera |      |                                                                 |      | Ø di Pressatura<br>Pressdurchmesser<br>Crimping diameter<br>Diamètre de sertissage<br>Díametro de presado |             | Pelatura esterna<br>Außenschälung<br>Outside skive<br>Denudage extérieur<br>Pelado externo |             |
|                                                                                     |  |                                                                                     |      | Pollici (1)                                                                                                              | dash | DN                                                              | mm   | mm                                                                                                        | Pollici (1) | mm                                                                                         | Pollici (1) |
|                                                                                     |  | 600491104                                                                           | 1/4  | 4                                                                                                                        | 6    | 6,4                                                             | 16,4 | 0,645                                                                                                     | -           | -                                                                                          |             |
|                                                                                     |  | 600491105                                                                           | 5/16 | 5                                                                                                                        | 8    | 7,9                                                             | 17,4 | 0,685                                                                                                     | -           | -                                                                                          |             |
|                                                                                     |  | 600491106                                                                           | 3/8  | 6                                                                                                                        | 10   | 9,5                                                             | 20,1 | 0,791                                                                                                     | -           | -                                                                                          |             |
|                                                                                     |  | 600491116                                                                           | 1"   | 16                                                                                                                       | 25   | 25,4                                                            | 38,4 | 1,512                                                                                                     | -           | -                                                                                          |             |
|                                                                                     |  |                                                                                     |      |                                                                                                                          |      |                                                                 |      |                                                                                                           |             |                                                                                            |             |

(1) Zoll - Inches - Pouces - Pulgadas

- Raccordi standard
- Standard Anschlußstücke
- Standard fittings
- Raccords standard
- Racor estándar

| SPECIFICA<br>EN 853/1SN<br>DIN 20022/3-1SN<br>SAE 100 R1AT                          | TECHNISCHE DATEN<br>EN 853/1SN<br>DIN 20022/3-1SN<br>SAE 100 R1AT                   | SPECIFICATIONS<br>EN 853/1SN<br>DIN 20022/3-1SN<br>SAE 100 R1AT                                                          | SPECIFICATIONS<br>EN 853/1SN<br>DIN 20022/3-1SN<br>SAE 100 R1AT | ESPECIFICACIONES<br>EN 853/1SN<br>DIN 20022/3-1SN<br>SAE 100 R1AT |      |                                                                                                           |             |                                                                                            |             |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------|------|-----------------------------------------------------------------------------------------------------------|-------------|--------------------------------------------------------------------------------------------|-------------|
|  | BOCCOLA CODICE<br>HÜSENTYPE<br>FERRULE CODE<br>DESCRIPTION JUPE<br>CÓDIGO CASQUILLO | Ø Interno Tubo<br>Schlauch-innendurchmesser<br>Bore diameter<br>Diamètre Intérieur de tuyau<br>Díametro interno manguera |                                                                 |                                                                   |      | Ø di Pressatura<br>Pressdurchmesser<br>Crimping diameter<br>Diamètre de sertissage<br>Díametro de presado |             | Pelatura esterna<br>Außenschälung<br>Outside skive<br>Denudage extérieur<br>Pelado externo |             |
|                                                                                     |                                                                                     | Pollici (1)                                                                                                              | dash                                                            | DN                                                                | mm   | mm                                                                                                        | Pollici (1) | mm                                                                                         | Pollici (1) |
|                                                                                     | 600490008                                                                           | 1/2                                                                                                                      | 8                                                               | 13                                                                | 12,7 | 24,3                                                                                                      | 0,957       | -                                                                                          | -           |
|                                                                                     | 600490010                                                                           | 5/8                                                                                                                      | 10                                                              | 16                                                                | 15,9 | 27,2                                                                                                      | 1,071       | -                                                                                          | -           |
|                                                                                     | 600490012                                                                           | 3/4                                                                                                                      | 12                                                              | 19                                                                | 19,0 | 30,6                                                                                                      | 1,205       | -                                                                                          | -           |
|                                                                                     |                                                                                     |                                                                                                                          |                                                                 |                                                                   |      |                                                                                                           |             |                                                                                            |             |
|                                                                                     |                                                                                     |                                                                                                                          |                                                                 |                                                                   |      |                                                                                                           |             |                                                                                            |             |
|                                                                                     |                                                                                     |                                                                                                                          |                                                                 |                                                                   |      |                                                                                                           |             |                                                                                            |             |
|                                                                                     |                                                                                     |                                                                                                                          |                                                                 |                                                                   |      |                                                                                                           |             |                                                                                            |             |
|                                                                                     |                                                                                     |                                                                                                                          |                                                                 |                                                                   |      |                                                                                                           |             |                                                                                            |             |

(1) Zoll - Inches - Pouces - Pulgadas

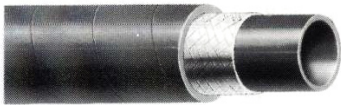
| SPECIFICA<br>EN 853/1ST<br>DIN 20022/1-1ST<br>SAE 100 R1A                             |                                                                                     | TECHNISCHE DATEN<br>EN 853/1ST<br>DIN 20022/1-1ST<br>SAE 100 R1A                                                         |      | SPECIFICATIONS<br>EN 853/1ST<br>DIN 20022/1-1ST<br>SAE 100 R1A |      | SPECIFICACIONES<br>EN 853/1ST<br>DIN 20022/1-1ST<br>SAE 100 R1A                                           |             | ESPECIFICACIONES<br>EN 853/1ST<br>DIN 20022/1-1ST<br>SAE 100 R1A                           |             |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------------------------------|------|-----------------------------------------------------------------------------------------------------------|-------------|--------------------------------------------------------------------------------------------|-------------|
|  | BOCCOLA CODICE<br>HÜSENTYPE<br>FERRULE CODE<br>DESCRIPTION JUPE<br>CÓDIGO CASQUILLO | Ø Interno Tubo<br>Schlauch-innendurchmesser<br>Bore diameter<br>Diamètre Intérieur de tuyau<br>Diametro interno manguera |      |                                                                |      | Ø di Pressatura<br>Pressdurchmesser<br>Crimping diameter<br>Diamètre de sertissage<br>Diametro de presado |             | Pelatura esterna<br>Außenschälung<br>Outside skive<br>Denudage extérieur<br>Pelado externo |             |
|                                                                                       |                                                                                     | Pollici (1)                                                                                                              | dash | DN                                                             | mm   | mm                                                                                                        | Pollici (1) | mm                                                                                         | Pollici (1) |
|                                                                                       | 600490104                                                                           | 1/4                                                                                                                      | 4    | 6                                                              | 6,4  | 17,0                                                                                                      | 0,669       | 22                                                                                         | 0,866       |
|                                                                                       | 600490105                                                                           | 5/16                                                                                                                     | 5    | 8                                                              | 7,9  | 19,4                                                                                                      | 0,763       | 22                                                                                         | 0,866       |
|                                                                                       | 600490106                                                                           | 3/8                                                                                                                      | 6    | 10                                                             | 9,5  | 21,7                                                                                                      | 0,854       | 22                                                                                         | 0,866       |
|                                                                                       | 600490108                                                                           | 1/2                                                                                                                      | 8    | 13                                                             | 12,7 | 25,7                                                                                                      | 1,011       | 24                                                                                         | 0,945       |
|                                                                                       | 600490110                                                                           | 5/8                                                                                                                      | 10   | 16                                                             | 15,9 | 28,6                                                                                                      | 1,126       | 25                                                                                         | 0,984       |
|                                                                                       | 600490112                                                                           | 3/4                                                                                                                      | 12   | 19                                                             | 19,0 | 32,7                                                                                                      | 1,287       | 30                                                                                         | 1,181       |
|                                                                                       | 600490116                                                                           | 1"                                                                                                                       | 16   | 25                                                             | 25,4 | 40,5                                                                                                      | 1,594       | 35,5                                                                                       | 1,398       |
|                                                                                       | 600490120                                                                           | 1" 1/4                                                                                                                   | 20   | 32                                                             | 31,8 | 47,6                                                                                                      | 1,874       | 42                                                                                         | 1,653       |
|                                                                                       | 600490124                                                                           | 1" 1/2                                                                                                                   | 24   | 38                                                             | 38,1 | 54,1                                                                                                      | 2,130       | 45                                                                                         | 1,772       |
|                                                                                       | 600490132                                                                           | 2"                                                                                                                       | 32   | 50                                                             | 50,5 | 66,8                                                                                                      | 2,630       | 58,5                                                                                       | 2,303       |
|                                                                                       |                                                                                     |                                                                                                                          |      |                                                                |      |                                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                          |      |                                                                |      |                                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                          |      |                                                                |      |                                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                          |      |                                                                |      |                                                                                                           |             |                                                                                            |             |

(1) Zoll - Inches - Pouces - Pulgadas





- Raccordi standard
- Standard Anschlußstücke
- Standard fittings
- Raccords standard
- Racor estándar

| SPECIFICA<br>EN 857/1SC                                                           | TECHNISCHE DATEN<br>EN 857/1SC                                                      | SPECIFICATIONS<br>EN 857/1SC                                                                                             | SPECIFICATIONS<br>EN 857/1SC                                                                              | ESPECIFICACIONES<br>EN 857/1SC                                                             |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
|  | BOCCOLA CODICE<br>HÜSENTYPE<br>FERRULE CODE<br>DESCRIPTION JUPE<br>CÓDIGO CASQUILLO | Ø Interno Tubo<br>Schlauch-innendurchmesser<br>Bore diameter<br>Diamètre Intérieur de tuyau<br>Diametro interno manguera | Ø di Pressatura<br>Pressdurchmesser<br>Crimping diameter<br>Diamètre de sertissage<br>Diametro de presado | Pelatura esterna<br>Außenschälung<br>Outside skive<br>Denudage extérieur<br>Pelado externo |
|                                                                                   |                                                                                     | Pollici (1)dashDNmmmmPollici (1)mmPollici (1)                                                                            |                                                                                                           |                                                                                            |
|                                                                                   | 600490404                                                                           | 1/4466,415,90,626- -                                                                                                     |                                                                                                           |                                                                                            |
|                                                                                   | 600490405                                                                           | 5/16587,916,60,653- -                                                                                                    |                                                                                                           |                                                                                            |
|                                                                                   | 600490406                                                                           | 3/86109,519,80,779- -                                                                                                    |                                                                                                           |                                                                                            |
|                                                                                   | 600490408                                                                           | 1/281312,722,90,901- -                                                                                                   |                                                                                                           |                                                                                            |
|                                                                                   |                                                                                     |                                                                                                                          |                                                                                                           |                                                                                            |
|                                                                                   |                                                                                     |                                                                                                                          |                                                                                                           |                                                                                            |
|                                                                                   |                                                                                     |                                                                                                                          |                                                                                                           |                                                                                            |
|                                                                                   |                                                                                     |                                                                                                                          |                                                                                                           |                                                                                            |
|                                                                                   |                                                                                     |                                                                                                                          |                                                                                                           |                                                                                            |
|                                                                                   |                                                                                     |                                                                                                                          |                                                                                                           |                                                                                            |

(1) Zoll - Inches - Pouces - Pulgadas

| SPECIFICA<br>EN 853/2SN<br>DIN 20022/4-2SN<br>SAE 100 R2AT                          | TECHNISCHE DATEN<br>EN 853/2SN<br>DIN 20022/4-2SN<br>SAE 100 R2AT                   | SPECIFICATIONS<br>EN 853/2SN<br>DIN 20022/4-2SN<br>SAE 100 R2AT                                                          | SPECIFICATIONS<br>EN 853/2SN<br>DIN 20022/4-2SN<br>SAE 100 R2AT                                           | ESPECIFICACIONES<br>EN 853/2SN<br>DIN 20022/4-2SN<br>SAE 100 R2AT                          |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
|  | BOCCOLA CODICE<br>HÜSENTYPE<br>FERRULE CODE<br>DESCRIPTION JUPE<br>CÓDIGO CASQUILLO | Ø Interno Tubo<br>Schlauch-innendurchmesser<br>Bore diameter<br>Diamètre Intérieur de tuyau<br>Diametro interno manguera | Ø di Pressatura<br>Pressdurchmesser<br>Crimping diameter<br>Diamètre de sertissage<br>Diametro de presado | Pelatura esterna<br>Außenschälung<br>Outside skive<br>Denudage extérieur<br>Pelado externo |
|                                                                                     |                                                                                     | Pollici (1)dashDNmmmmPollici (1)mmPollici (1)                                                                            |                                                                                                           |                                                                                            |
|                                                                                     | 600490304                                                                           | 1/4466,417,70,696- -                                                                                                     |                                                                                                           |                                                                                            |
|                                                                                     | 600490305                                                                           | 5/16587,919,60,771- -                                                                                                    |                                                                                                           |                                                                                            |
|                                                                                     | 600490306                                                                           | 3/86109,521,50,846- -                                                                                                    |                                                                                                           |                                                                                            |
|                                                                                     | 600490308                                                                           | 1/281312,725,61,008- -                                                                                                   |                                                                                                           |                                                                                            |
|                                                                                     | 600490310                                                                           | 5/8101615,929,41,157- -                                                                                                  |                                                                                                           |                                                                                            |
|                                                                                     | 600490312                                                                           | 3/4121919,033,41,315- -                                                                                                  |                                                                                                           |                                                                                            |
|                                                                                     | 600490316                                                                           | 1"162525,442,01,653- -                                                                                                   |                                                                                                           |                                                                                            |
|                                                                                     | 600490320                                                                           | 1" 1/4203231,851,42,023- -                                                                                               |                                                                                                           |                                                                                            |
|                                                                                     | 600490324                                                                           | 1" 1/2243838,159,52,342- -                                                                                               |                                                                                                           |                                                                                            |
|                                                                                     | 600490332                                                                           | 2"325050,872,52,854- -                                                                                                   |                                                                                                           |                                                                                            |
|                                                                                     |                                                                                     |                                                                                                                          |                                                                                                           |                                                                                            |
|                                                                                     |                                                                                     |                                                                                                                          |                                                                                                           |                                                                                            |
|                                                                                     |                                                                                     |                                                                                                                          |                                                                                                           |                                                                                            |

(1) Zoll - Inches - Pouces - Pulgadas



- Raccordi standard
- Standard Anschlußstücke
- Standard fittings
- Raccords standard
- Racor estándar

| SPECIFICA<br>EN 853/2SN<br>DIN 20022/4-2SN<br>SAE 100 R2AT                          | TECHNISCHE DATEN<br>EN 853/2SN<br>DIN 20022/4-2SN<br>SAE 100 R2AT                   | SPECIFICATIONS<br>EN 853/2SN<br>DIN 20022/4-2SN<br>SAE 100 R2AT                                                          | SPECIFICATIONS<br>EN 853/2SN<br>DIN 20022/4-2SN<br>SAE 100 R2AT                                           | ESPECIFICACIONES<br>EN 853/2SN<br>DIN 20022/4-2SN<br>SAE 100 R2AT                          |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
|  | BOCCOLA CODICE<br>HÜSENTYPE<br>FERRULE CODE<br>DESCRIPTION JUPE<br>CÓDIGO CASQUILLO | Ø Interno Tubo<br>Schlauch-innendurchmesser<br>Bore diameter<br>Diamètre Intérieur de tuyau<br>Diametro interno manguera | Ø di Pressatura<br>Pressdurchmesser<br>Crimping diameter<br>Diamètre de sertissage<br>Diametro de presado | Pelatura esterna<br>Außenschälung<br>Outside skive<br>Denudage extérieur<br>Pelado externo |
|                                                                                     |                                                                                     | Pollici (1)dashDNmmmmPollici (1)mmPollici (1)                                                                            |                                                                                                           |                                                                                            |
|                                                                                     | 600490008                                                                           | 1/281312,724,90,980- -                                                                                                   |                                                                                                           |                                                                                            |
|                                                                                     | 600490010                                                                           | 5/8101615,927,91,098- -                                                                                                  |                                                                                                           |                                                                                            |
|                                                                                     | 600490012                                                                           | 3/4121919,031,71,248- -                                                                                                  |                                                                                                           |                                                                                            |
|                                                                                     |                                                                                     |                                                                                                                          |                                                                                                           |                                                                                            |
|                                                                                     |                                                                                     |                                                                                                                          |                                                                                                           |                                                                                            |
|                                                                                     |                                                                                     |                                                                                                                          |                                                                                                           |                                                                                            |
|                                                                                     |                                                                                     |                                                                                                                          |                                                                                                           |                                                                                            |
|                                                                                     |                                                                                     |                                                                                                                          |                                                                                                           |                                                                                            |
|                                                                                     |                                                                                     |                                                                                                                          |                                                                                                           |                                                                                            |
|                                                                                     |                                                                                     |                                                                                                                          |                                                                                                           |                                                                                            |

(1) Zoll - Inches - Pouces - Pulgadas

| SPECIFICA<br>EN 853/2SN<br>DIN 20022/4-2SN<br>SAE 100 R2AT                            | TECHNISCHE DATEN<br>EN 853/2SN<br>DIN 20022/4-2SN<br>SAE 100 R2AT                   | SPECIFICATIONS<br>EN 853/2SN<br>DIN 20022/4-2SN<br>SAE 100 R2AT                                                          | SPECIFICATIONS<br>EN 853/2SN<br>DIN 20022/4-2SN<br>SAE 100 R2AT                                           | ESPECIFICACIONES<br>EN 853/2SN<br>DIN 20022/4-2SN<br>SAE 100 R2AT                          |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
|  | BOCCOLA CODICE<br>HÜSENTYPE<br>FERRULE CODE<br>DESCRIPTION JUPE<br>CÓDIGO CASQUILLO | Ø Interno Tubo<br>Schlauch-innendurchmesser<br>Bore diameter<br>Diamètre Intérieur de tuyau<br>Diametro interno manguera | Ø di Pressatura<br>Pressdurchmesser<br>Crimping diameter<br>Diamètre de sertissage<br>Diametro de presado | Pelatura esterna<br>Außenschälung<br>Outside skive<br>Denudage extérieur<br>Pelado externo |
|                                                                                       |                                                                                     | Pollici (1)dashDNmmmmPollici (1)mmPollici (1)                                                                            |                                                                                                           |                                                                                            |
|                                                                                       | 600491204                                                                           | 1/4466,417,80,700- -                                                                                                     |                                                                                                           |                                                                                            |
|                                                                                       | 600491205                                                                           | 5/16587,920,30,799- -                                                                                                    |                                                                                                           |                                                                                            |
|                                                                                       | 600491206                                                                           | 3/86109,521,30,838- -                                                                                                    |                                                                                                           |                                                                                            |
|                                                                                       | 600491216                                                                           | 1"162525,441,31,626- -                                                                                                   |                                                                                                           |                                                                                            |
|                                                                                       |                                                                                     |                                                                                                                          |                                                                                                           |                                                                                            |
|                                                                                       |                                                                                     |                                                                                                                          |                                                                                                           |                                                                                            |
|                                                                                       |                                                                                     |                                                                                                                          |                                                                                                           |                                                                                            |
|                                                                                       |                                                                                     |                                                                                                                          |                                                                                                           |                                                                                            |
|                                                                                       |                                                                                     |                                                                                                                          |                                                                                                           |                                                                                            |
|                                                                                       |                                                                                     |                                                                                                                          |                                                                                                           |                                                                                            |

(1) Zoll - Inches - Pouces - Pulgadas



- Raccordi standard
- Standard Anschlußstücke
- Standard fittings
- Raccords standard
- Racor estándar

| SPECIFICA<br>EN 853/2ST<br>DIN 20022/2-2ST<br>SAE 100 R2A                         | TECHNISCHE DATEN<br>EN 853/2ST<br>DIN 20022/2-2ST<br>SAE 100 R2A                    | SPECIFICATIONS<br>EN 853/2ST<br>DIN 20022/2-2ST<br>SAE 100 R2A                                                           | SPECIFICATIONS<br>EN 853/2ST<br>DIN 20022/2-2ST<br>SAE 100 R2A | ESPECIFICACIONES<br>EN 853/2ST<br>DIN 20022/2-2ST<br>SAE 100 R2A                                          |      |                                                                                            |             |      |             |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------------------|-------------|------|-------------|
|  | BOCCOLA CODICE<br>HÜSENTYPE<br>FERRULE CODE<br>DESCRIPTION JUPE<br>CÓDIGO CASQUILLO | Ø Interno Tubo<br>Schlauch-innendurchmesser<br>Bore diameter<br>Diamètre Intérieur de tuyau<br>Diametro interno manguera |                                                                | Ø di Pressatura<br>Pressdurchmesser<br>Crimping diameter<br>Diamètre de sertissage<br>Diametro de presado |      | Pelatura esterna<br>Außenschälung<br>Outside skive<br>Denudage extérieur<br>Pelado externo |             |      |             |
|                                                                                   |                                                                                     | Pollici (1)                                                                                                              | dash                                                           | DN                                                                                                        | mm   | mm                                                                                         | Pollici (1) | mm   | Pollici (1) |
|                                                                                   | 600490504                                                                           | 1/4                                                                                                                      | 4                                                              | 6                                                                                                         | 6,4  | 17,8                                                                                       | 0,701       | 22   | 0,866       |
|                                                                                   | 600490505                                                                           | 5/16                                                                                                                     | 5                                                              | 8                                                                                                         | 7,9  | 21,5                                                                                       | 0,846       | 22   | 0,866       |
|                                                                                   | 600490506                                                                           | 3/8                                                                                                                      | 6                                                              | 10                                                                                                        | 9,5  | 23,2                                                                                       | 0,913       | 26,5 | 1,043       |
|                                                                                   | 600490508                                                                           | 1/2                                                                                                                      | 8                                                              | 13                                                                                                        | 12,7 | 26,6                                                                                       | 1,047       | 26,5 | 1,043       |
|                                                                                   | 600490510                                                                           | 5/8                                                                                                                      | 10                                                             | 16                                                                                                        | 15,9 | 29,8                                                                                       | 1,173       | 30,5 | 1,201       |
|                                                                                   | 600490512                                                                           | 3/4                                                                                                                      | 12                                                             | 19                                                                                                        | 19,0 | 34,5                                                                                       | 1,358       | 30,5 | 1,201       |
|                                                                                   | 600490516                                                                           | 1"                                                                                                                       | 16                                                             | 25                                                                                                        | 25,4 | 42,7                                                                                       | 1,681       | 41   | 1,614       |
|                                                                                   | 600490520                                                                           | 1" 1/4                                                                                                                   | 20                                                             | 32                                                                                                        | 31,8 | 51,8                                                                                       | 2,039       | 47   | 1,850       |
|                                                                                   | 600490524                                                                           | 1" 1/2                                                                                                                   | 24                                                             | 38                                                                                                        | 38,1 | 59,7                                                                                       | 2,350       | 56   | 2,205       |
|                                                                                   | 600490532                                                                           | 2"                                                                                                                       | 32                                                             | 50                                                                                                        | 50,8 | 72,5                                                                                       | 2,854       | 58   | 2,283       |
|                                                                                   |                                                                                     |                                                                                                                          |                                                                |                                                                                                           |      |                                                                                            |             |      |             |
|                                                                                   |                                                                                     |                                                                                                                          |                                                                |                                                                                                           |      |                                                                                            |             |      |             |
|                                                                                   |                                                                                     |                                                                                                                          |                                                                |                                                                                                           |      |                                                                                            |             |      |             |

(1) Zoll - Inches - Pouces - Pulgadas

| SPECIFICA<br>EN 853/2ST<br>DIN 20022/2-2ST<br>SAE 100 R2A-R9*                       | TECHNISCHE DATEN<br>EN 853/2ST<br>DIN 20022/2-2ST<br>SAE 100 R2A-R9*                | SPECIFICATIONS<br>EN 853/2ST<br>DIN 20022/2-2ST<br>SAE 100 R2A-R9*                                                       | SPECIFICATIONS<br>EN 853/2ST<br>DIN 20022/2-2ST<br>SAE 100 R2A-R9* | ESPECIFICACIONES<br>EN 853/2ST<br>DIN 20022/2-2ST<br>SAE 100 R2A-R9*                                      |      |                                                                                            |             |      |             |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------------------|-------------|------|-------------|
|  | BOCCOLA CODICE<br>HÜSENTYPE<br>FERRULE CODE<br>DESCRIPTION JUPE<br>CÓDIGO CASQUILLO | Ø Interno Tubo<br>Schlauch-innendurchmesser<br>Bore diameter<br>Diamètre Intérieur de tuyau<br>Diametro interno manguera |                                                                    | Ø di Pressatura<br>Pressdurchmesser<br>Crimping diameter<br>Diamètre de sertissage<br>Diametro de presado |      | Pelatura esterna<br>Außenschälung<br>Outside skive<br>Denudage extérieur<br>Pelado externo |             |      |             |
|                                                                                     |                                                                                     | Pollici (1)                                                                                                              | dash                                                               | DN                                                                                                        | mm   | mm                                                                                         | Pollici (1) | mm   | Pollici (1) |
|                                                                                     | 600490204                                                                           | 1/4                                                                                                                      | 4                                                                  | 6                                                                                                         | 6,4  | 18,4                                                                                       | 0,724       | 22   | 0,866       |
|                                                                                     | 600490205                                                                           | 5/16                                                                                                                     | 5                                                                  | 8                                                                                                         | 7,9  | 20,5                                                                                       | 0,807       | 22   | 0,866       |
|                                                                                     | 600490206 *                                                                         | 3/8                                                                                                                      | 6                                                                  | 10                                                                                                        | 9,5  | 23,5                                                                                       | 0,925       | 22   | 0,866       |
|                                                                                     | 600490208 *                                                                         | 1/2                                                                                                                      | 8                                                                  | 13                                                                                                        | 12,7 | 26,8                                                                                       | 1,055       | 24   | 0,945       |
|                                                                                     | 600490210                                                                           | 5/8                                                                                                                      | 10                                                                 | 16                                                                                                        | 15,9 | 30,2                                                                                       | 1,189       | 25,5 | 1,004       |
|                                                                                     | 600490212 *                                                                         | 3/4                                                                                                                      | 12                                                                 | 19                                                                                                        | 19,0 | 34,2                                                                                       | 1,346       | 30   | 1,181       |
|                                                                                     | 600490216 *                                                                         | 1"                                                                                                                       | 16                                                                 | 25                                                                                                        | 25,4 | 42,1                                                                                       | 1,657       | 35,5 | 1,398       |
|                                                                                     | 600490220                                                                           | 1" 1/4                                                                                                                   | 20                                                                 | 32                                                                                                        | 31,8 | 52,5                                                                                       | 2,067       | 42,5 | 1,673       |
|                                                                                     | 600490224                                                                           | 1" 1/2                                                                                                                   | 24                                                                 | 38                                                                                                        | 38,1 | 58,0                                                                                       | 2,283       | 45,5 | 1,791       |
|                                                                                     | 600490232                                                                           | 2"                                                                                                                       | 32                                                                 | 50                                                                                                        | 50,8 | 71,0                                                                                       | 2,795       | 59   | 2,323       |
|                                                                                     |                                                                                     |                                                                                                                          |                                                                    |                                                                                                           |      |                                                                                            |             |      |             |
|                                                                                     |                                                                                     |                                                                                                                          |                                                                    |                                                                                                           |      |                                                                                            |             |      |             |
|                                                                                     |                                                                                     |                                                                                                                          |                                                                    |                                                                                                           |      |                                                                                            |             |      |             |

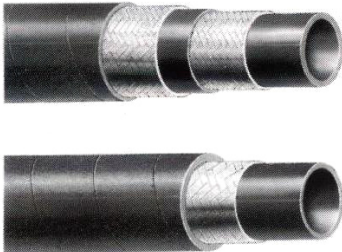
(1) Zoll - Inches - Pouces - Pulgadas



- Raccordi standard
- Standard Anschlußstücke
- Standard fittings
- Raccords standard
- Racor estándar

| SPECIFICA<br>EN 857/2SC<br>SAE 100 R16                                              | TECHNISCHE DATEN<br>EN 857/2SC<br>SAE 100 R16                                       | SPECIFICATIONS<br>EN 857/2SC<br>SAE 100 R16                                                                             | SPECIFICATIONS<br>EN 857/2SC<br>SAE 100 R16 | ESPECIFICACIONES<br>EN 857/2SC<br>SAE 100 R16 |    |                                                                                                           |             |                                                                                            |             |   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------------------------|----|-----------------------------------------------------------------------------------------------------------|-------------|--------------------------------------------------------------------------------------------|-------------|---|
|  | BOCCOLA CODICE<br>HÜSENTYPE<br>FERRULE CODE<br>DESCRIPTION JUPE<br>CÓDIGO CASQUILLO | Ø InternoTubo<br>Schlauch-innendurchmesser<br>Bore diameter<br>Diamètre Intérieur de tuyau<br>Diametro interno manguera |                                             |                                               |    | Ø di Pressatura<br>Pressdurchmesser<br>Crimping diameter<br>Diamètre de sertissage<br>Diametro de presado |             | Pelatura esterna<br>Außenschälung<br>Outside skive<br>Denudage extérieur<br>Pelado externo |             |   |
|                                                                                     |                                                                                     | Pollici (1)                                                                                                             | dash                                        | DN                                            | mm | mm                                                                                                        | Pollici (1) | mm                                                                                         | Pollici (1) |   |
|                                                                                     |                                                                                     | 600490304                                                                                                               | 1/4                                         | 4                                             | 6  | 6,4                                                                                                       | 16,6        | 0,653                                                                                      | -           | - |
|                                                                                     |                                                                                     | 600490305                                                                                                               | 5/16                                        | 5                                             | 8  | 7,9                                                                                                       | 18,5        | 0,728                                                                                      | -           | - |
|                                                                                     |                                                                                     | 600490306                                                                                                               | 3/8                                         | 6                                             | 10 | 9,5                                                                                                       | 20,5        | 0,807                                                                                      | -           | - |
|                                                                                     |                                                                                     | 600490308                                                                                                               | 1/2                                         | 8                                             | 13 | 12,7                                                                                                      | 24,4        | 0,960                                                                                      | -           | - |
|                                                                                     |                                                                                     | 600490310                                                                                                               | 5/8                                         | 10                                            | 16 | 15,9                                                                                                      | 28,2        | 1,110                                                                                      | -           | - |
|                                                                                     |                                                                                     | 600490312                                                                                                               | 3/4                                         | 12                                            | 19 | 19,0                                                                                                      | 32,2        | 1,267                                                                                      | -           | - |
|                                                                                     |                                                                                     | 600490316                                                                                                               | 1"                                          | 16                                            | 25 | 25,4                                                                                                      | 40,7        | 1,602                                                                                      | -           | - |
|                                                                                     |                                                                                     |                                                                                                                         |                                             |                                               |    |                                                                                                           |             |                                                                                            |             |   |

(1) Zoll - Inches - Pouces - Pulgadas

| SPECIFICA<br>SAE 100 R17                                                              | TECHNISCHE DATEN<br>SAE 100 R17                                                     | SPECIFICATIONS<br>SAE 100 R17                                                                                           |      | SPECIFICATIONS<br>SAE 100 R17 |      | ESPECIFICACIONES<br>SAE 100 R17                                                                           |             |                                                                                             |             |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|------|-------------------------------|------|-----------------------------------------------------------------------------------------------------------|-------------|---------------------------------------------------------------------------------------------|-------------|
|  | BOCCOLA CODICE<br>HÜSENTYPE<br>FERRULE CODE<br>DESCRIPTION JUPE<br>CÓDIGO CASQUILLO | Ø InternoTubo<br>Schlauch-innendurchmesser<br>Bore diameter<br>Diamètre Intérieur de tuyau<br>Diametro interno manguera |      |                               |      | Ø di Pressatura<br>Pressdurchmesser<br>Crimping diameter<br>Diamètre de sertissage<br>Diametro de presado |             | Pelatura esterna<br>Außenschälung<br>Outside skive<br>Denudage extérieur<br>Pelacto externo |             |
|                                                                                       |                                                                                     | Pollici (1)                                                                                                             | dash | DN                            | mm   | mm                                                                                                        | Pollici (1) | mm                                                                                          | Pollici (1) |
|                                                                                       | 600490404                                                                           | 1/4                                                                                                                     | 4    | 6                             | 6,4  | 15,9                                                                                                      | 0,626       | -                                                                                           | -           |
|                                                                                       | 600490405                                                                           | 5/16                                                                                                                    | 5    | 8                             | 7,9  | 16,6                                                                                                      | 0,653       | -                                                                                           | -           |
|                                                                                       | 600490406                                                                           | 3/8                                                                                                                     | 6    | 10                            | 9,5  | 19,8                                                                                                      | 0,779       | -                                                                                           | -           |
|                                                                                       | 600490308                                                                           | 1/2                                                                                                                     | 8    | 13                            | 12,7 | 24,4                                                                                                      | 0,960       | -                                                                                           | -           |
|                                                                                       | 600490310                                                                           | 5/8                                                                                                                     | 10   | 16                            | 15,9 | 28,2                                                                                                      | 1,110       | -                                                                                           | -           |
|                                                                                       | 600490312                                                                           | 3/4                                                                                                                     | 12   | 19                            | 19,0 | 32,2                                                                                                      | 1,267       | -                                                                                           | -           |
|                                                                                       | 600490316                                                                           | 1"                                                                                                                      | 16   | 25                            | 25,4 | 40,7                                                                                                      | 1,602       | -                                                                                           | -           |
|                                                                                       |                                                                                     |                                                                                                                         |      |                               |      |                                                                                                           |             |                                                                                             |             |

(1) Zoll - Inches - Pouces - Pulgadas

- ATTENZIONE:** Le strutture costruttive e le dimensioni dei tubi R17 possono differire in modo considerevole a seconda del fabbricante. Preghiamo pertanto di verificare con accuratezza i diametri di pressatura da noi suggeriti con il tubo del Vostro fornitore.
- BITTE BEACHTEN:** Bei den R17 Schläuchen können di Konstruktionsstrukturen und Abmessungen je nach Hersteller sehr unterschiedlich sein. Wir bitten deshalb um sorgfältige Überprüfung der von uns vorgeschlagenen Pressdurchmesser mit den Schläuchen von Ihrem Lieferanten.
- WARNING:** The constructions structures and dimensions of tubes R17 can vary in a considerable way depending on the manufacturer. Therefore, you are kindly requested to carefully evaluate the pressing diameters recommended by ourselves against the tube of your supplier.
- AVIS:** Les structures de constructions et les dimensions des tuyaux R17 peuvent différer d'une manière considérable selon le fabricant. Nous vous prions donc de vérifier soigneusement les diamètres de sertissage que nous proposons vis-à-vis du tuyau de votre fournisseur.
- ADVERTENCIA:** Las estructuras de construccion y las dimensiones de los tubos R17 pueden diferir de manera considerable según el fabricante. Por tanto, se ruega controlen cuidadosamente los diámetros de prensado que les sugerimos respecte al tubo de su proveedor.





- Raccordi standard
- Standard Anschlußstücke
- Standard fittings
- Raccords standard
- Racor estándar

**Tubi termoplastici e trecciati tessili**  
**Kunststoffschläuche mit Textileinflechtung**  
**Thermoplastic tubes and fabric braidings**  
**Tuyaux thermoplastiques et tressages textiles**  
**Tubos termoplásticos y trenzados textiles**

- Senza pelatura esterna
- Ohne Aussenschälung
- No skive
- Sans pelage extérieur
- Sin pelado externo

| SPECIFICA<br>EN 854/1 TE<br>DIN 20021/1 - 1TE<br>SAE 100 R6 - R7 - R8               | TECHNISCHE DATEN<br>EN 854/1 TE<br>DIN 20021/1 - 1TE<br>SAE 100 R6 - R7 - R8        | SPECIFICATIONS<br>EN 854/1 TE<br>DIN 20021/1 - 1TE<br>SAE 100 R6 - R7 - R8                                               | SPECIFICATIONS<br>EN 854/1 TE<br>DIN 20021/1 - 1TE<br>SAE 100 R6 - R7 - R8                                      | ESPECIFICACIONES<br>EM 854/1 TE<br>DIN 20021/1 - 1TE<br>SAE 100 R6 - R7 - R8                                    |                                                                                                                 |                                                                                                                  |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
|  | BOCCOLA CODICE<br>HÜSENTYPE<br>FERRULE CODE<br>DESCRIPTION JUPE<br>CÓDIGO CASQUILLO | Ø Interno Tubo<br>Schlauch-innendurchmesser<br>Bore diameter<br>Diamètre Intérieur de tuyau<br>Diametro interno manguera | Ø di Pressatura<br>Pressdurchmesser<br>Crimping diameter<br>Diamètre de sertissage<br>Diametro de presado<br>R6 | Ø di Pressatura<br>Pressdurchmesser<br>Crimping diameter<br>Diamètre de sertissage<br>Diametro de presado<br>R7 | Ø di Pressatura<br>Pressdurchmesser<br>Crimping diameter<br>Diamètre de sertissage<br>Diametro de presado<br>R8 | Ø di Pressatura<br>Pressdurchmesser<br>Crimping diameter<br>Diamètre de sertissage<br>Diametro de presado<br>1TE |
|                                                                                     |                                                                                     | Pollici (1)dashDNmmmmPollici (1)mmPollici (1)mmPollici (1)mmPollici (1)mm                                                |                                                                                                                 |                                                                                                                 |                                                                                                                 |                                                                                                                  |
|                                                                                     | 600490704                                                                           | 1/4466,416,10,63415,80,62215,80,62216,00,630                                                                             |                                                                                                                 |                                                                                                                 |                                                                                                                 |                                                                                                                  |
|                                                                                     | 600490705                                                                           | 5/16587,917,80,70017,80,70017,50,68917,60,693                                                                            |                                                                                                                 |                                                                                                                 |                                                                                                                 |                                                                                                                  |
|                                                                                     | 600490706                                                                           | 3/86109,519,60,77219,70,77619,80,78019,60,772                                                                            |                                                                                                                 |                                                                                                                 |                                                                                                                 |                                                                                                                  |
|                                                                                     | 600490708                                                                           | 1/281312,723,80,93724,00,94523,90,94123,00,906                                                                           |                                                                                                                 |                                                                                                                 |                                                                                                                 |                                                                                                                  |
|                                                                                     |                                                                                     |                                                                                                                          |                                                                                                                 |                                                                                                                 |                                                                                                                 |                                                                                                                  |
|                                                                                     |                                                                                     |                                                                                                                          |                                                                                                                 |                                                                                                                 |                                                                                                                 |                                                                                                                  |
|                                                                                     |                                                                                     |                                                                                                                          |                                                                                                                 |                                                                                                                 |                                                                                                                 |                                                                                                                  |
|                                                                                     |                                                                                     |                                                                                                                          |                                                                                                                 |                                                                                                                 |                                                                                                                 |                                                                                                                  |

(1) Zoll - Inches - Pouces - Pulgadas

- ATTENZIONE:** Le strutture costruttive e le dimensioni dei tubi R7 e R8 possono differire in modo considerevole a seconda del fabbricante. Preghiamo pertanto di verificare con accuratezza i diametri di pressatura da noi suggeriti con il tubo del Vostro fornitore.
- BITTE BEACHTEN:** Bei den R7-R8 Schläuchen können di Konstruktionsstrukturen und Abmessungen je nach Hersteller sehr unterschiedlich sein. Wir bitten deshalb um sorgfältige Überprüfung der von uns vorgeschlagenen Pressdurchmesser mit den Schläuchen von Ihrem Lieferanten.
- WARNING:** The constructions structures and dimensions of tubes R7-R8 can vary in a considerable way depending on the manufacturer. Therefore, you are kindly requested to carefully evaluate the pressing diameters recommended by ourselves against the tube of your supplier.
- AVIS:** Les structures de constructions et les dimensions des tuyaux R7-R8 peuvent différer d'une manière considérable selon le fabricant. Nous vous prions donc de vérifier soigneusement les diamètres de sertissage que nous proposons vis-à-vis du tuyau de votre fournisseur.
- ADVERTENCIA:** Las estructuras de construccion y las dimensiones de los tubos R7-R8 pueden diferir de manera considerable según el fabricante, Por tanto, se ruega controlen cuidadosamente los diámetros de prensado que les sugerimos respecte al tubo de su proveedor.



- Raccordi standard
- Standard Anschlußstücke
- Standard fittings
- Raccords standard
- Racor estándar

| SPECIFICA<br>EN 856/4SP<br>DIN 20023/1 - 4SP<br>SAE 100 R9R                         | TECHNISCHE DATEN<br>EN 856/4SP<br>DIN 20023/1 - 4SP<br>SAE 100 R9R                  | SPECIFICATIONS<br>EN 856/4SP<br>DIN 20023/1 - 4SP<br>SAE 100 R9R                                                        | SPECIFICATIONS<br>EN 856/4SP<br>DIN 20023/1 - 4SP<br>SAE 100 R9R                                          | ESPECIFICACIONES<br>EN 856/4SP<br>DIN 20023/1 - 4SP<br>SAE 100 R9R                         |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
|  | BOCCOLA CODICE<br>HÜSENTYPE<br>FERRULE CODE<br>DESCRIPTION JUPE<br>CÓDIGO CASQUILLO | Ø InternoTubo<br>Schlauch-innendurchmesser<br>Bore diameter<br>Diamètre Intérieur de tuyau<br>Diametro interno manguera | Ø di Pressatura<br>Pressdurchmesser<br>Crimping diameter<br>Diamètre de sertissage<br>Diametro de presado | Pelatura esterna<br>Außenschälung<br>Outside skive<br>Denudage extérieur<br>Pelado externo |
|                                                                                     |                                                                                     | Pollici (1)dashDNmmmmPollici (1)mmPollici (1)mm                                                                         |                                                                                                           |                                                                                            |
|                                                                                     | 600490504                                                                           | 1/4466,418,80,740220,866                                                                                                |                                                                                                           |                                                                                            |
|                                                                                     | 600490506                                                                           | 3/86109,523,40,92126,51,043                                                                                             |                                                                                                           |                                                                                            |
|                                                                                     | 600490508                                                                           | 1/281312,726,41,03926,51,043                                                                                            |                                                                                                           |                                                                                            |
|                                                                                     | 600490510                                                                           | 5/8101615,929,91,17730,51,201                                                                                           |                                                                                                           |                                                                                            |
|                                                                                     | 600490512                                                                           | 3/4121919,034,81,37030,51,201                                                                                           |                                                                                                           |                                                                                            |
|                                                                                     | 600490516                                                                           | 1"162525,442,41,669411,614                                                                                              |                                                                                                           |                                                                                            |
|                                                                                     | 600490520                                                                           | 1" 1/4203231,851,92,043471,850                                                                                          |                                                                                                           |                                                                                            |
|                                                                                     | 600490524                                                                           | 1" 1/2243838,160,22,370562,205                                                                                          |                                                                                                           |                                                                                            |
|                                                                                     | 600490532                                                                           | 2"325050,873,12,870582,283                                                                                              |                                                                                                           |                                                                                            |
|                                                                                     |                                                                                     |                                                                                                                         |                                                                                                           |                                                                                            |
|                                                                                     |                                                                                     |                                                                                                                         |                                                                                                           |                                                                                            |

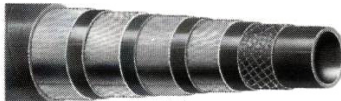
(1) Zoll - Inches - Pouces - Pulgadas

| SPECIFICA<br>EN 856/4SP<br>DIN 20023/1 - 4SP<br>SAE 100 R9R                           | TECHNISCHE DATEN<br>EN 856/4SP<br>DIN 20023/1 - 4SP<br>SAE 100 R9R                  | SPECIFICATIONS<br>EN 856/4SP<br>DIN 20023/1 - 4SP<br>SAE 100 R9R                                                        | SPECIFICATIONS<br>EN 856/4SP<br>DIN 20023/1 - 4SP<br>SAE 100 R9R                                          | ESPECIFICACIONES<br>EN 856/4SP<br>DIN 20023/1 - 4SP<br>SAE 100 R9R                         |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
|  | BOCCOLA CODICE<br>HÜSENTYPE<br>FERRULE CODE<br>DESCRIPTION JUPE<br>CÓDIGO CASQUILLO | Ø InternoTubo<br>Schlauch-innendurchmesser<br>Bore diameter<br>Diamètre Intérieur de tuyau<br>Diametro interno manguera | Ø di Pressatura<br>Pressdurchmesser<br>Crimping diameter<br>Diamètre de sertissage<br>Diametro de presado | Pelatura esterna<br>Außenschälung<br>Outside skive<br>Denudage extérieur<br>Pelado externo |
|                                                                                       |                                                                                     | Pollici (1)dashDNmmmmPollici (1)mmPollici (1)mm                                                                         |                                                                                                           |                                                                                            |
|                                                                                       | 600490912                                                                           | 3/412191934,61,362451,772                                                                                               |                                                                                                           |                                                                                            |
|                                                                                       | 600490916                                                                           | 1"162525,442,01,653501,968                                                                                              |                                                                                                           |                                                                                            |
|                                                                                       |                                                                                     |                                                                                                                         |                                                                                                           |                                                                                            |
|                                                                                       |                                                                                     |                                                                                                                         |                                                                                                           |                                                                                            |
|                                                                                       |                                                                                     |                                                                                                                         |                                                                                                           |                                                                                            |
|                                                                                       |                                                                                     |                                                                                                                         |                                                                                                           |                                                                                            |
|                                                                                       |                                                                                     |                                                                                                                         |                                                                                                           |                                                                                            |
|                                                                                       |                                                                                     |                                                                                                                         |                                                                                                           |                                                                                            |

(1) Zoll - Inches - Pouces - Pulgadas

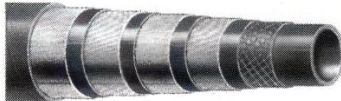


- Raccordi standard
- Standard Anschlußstücke
- Standard fittings
- Raccords standard
- Racor estándar

| SPECIFICA<br>EN 856/4SH<br>DIN 20023/2 - 4SH                                      |  | TECHNISCHE DATEN<br>EN 856/4SH<br>DIN 20023/2 - 4SH                                 |                                                                                                                         | SPECIFICATIONS<br>EN 856/4SH<br>DIN 20023/2 - 4SH |    | SPECIFICATIONS<br>EN 856/4SH<br>DIN 20023/2 - 4SH |                                                                                                           | ESPECIFICACIONES<br>EN 856/4SH<br>DIN 20023/2 - 4SH |                                                                                           |             |                                                                                            |             |
|-----------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|----|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-------------------------------------------------------------------------------------------|-------------|--------------------------------------------------------------------------------------------|-------------|
|  |  | BOCCOLA CODICE<br>HÜSENTYPE<br>FERRULE CODE<br>DESCRIPTION JUPE<br>CÓDIGO CASQUILLO | Ø InternoTubo<br>Schlauch-innendurchmesser<br>Bore diameter<br>Diamètre Intérieur de tuyau<br>Diametro interno manguera |                                                   |    |                                                   | Ø di Pressatura<br>Pressdurchmesser<br>Crimping diameter<br>Diamètre de sertissage<br>Diametro de presado |                                                     | Pelatura interna<br>Innenschälung<br>Inside skive<br>Denudage intérieur<br>Pelado interno |             | Pelatura esterna<br>Außenschälung<br>Outside skive<br>Denudage extérieur<br>Pelado externo |             |
|                                                                                   |  |                                                                                     | Pollici (1)                                                                                                             | dash                                              | DN | mm                                                | mm                                                                                                        | Pollici (1)                                         | mm                                                                                        | Pollici (1) | mm                                                                                         | Pollici (1) |
|                                                                                   |  | 600491420                                                                           | 1" 1/4                                                                                                                  | 20                                                | 32 | 31,8                                              | 48,4                                                                                                      | 1,905                                               | 16                                                                                        | 0,630       | 54                                                                                         | 2,126       |
|                                                                                   |  | 600491424                                                                           | 1" 1/2                                                                                                                  | 24                                                | 38 | 38,1                                              | 58,1                                                                                                      | 2,287                                               | 18                                                                                        | 0,709       | 62                                                                                         | 2,441       |
|                                                                                   |  | 600491432                                                                           | 2"                                                                                                                      | 32                                                | 50 | 50,8                                              | 70,8                                                                                                      | 2,787                                               | 19                                                                                        | 0,748       | 64                                                                                         | 2.520       |
|                                                                                   |  |                                                                                     |                                                                                                                         |                                                   |    |                                                   |                                                                                                           |                                                     |                                                                                           |             |                                                                                            |             |
|                                                                                   |  |                                                                                     |                                                                                                                         |                                                   |    |                                                   |                                                                                                           |                                                     |                                                                                           |             |                                                                                            |             |
|                                                                                   |  |                                                                                     |                                                                                                                         |                                                   |    |                                                   |                                                                                                           |                                                     |                                                                                           |             |                                                                                            |             |
|                                                                                   |  |                                                                                     |                                                                                                                         |                                                   |    |                                                   |                                                                                                           |                                                     |                                                                                           |             |                                                                                            |             |

(1) Zoll - Inches - Pouces - Pulgadas

- ATTENZIONE:** Queste boccole con inserto standard possono essere utilizzate su tubo EN 856/4SH solamente per pressioni di impiego ridotte al livello del tubo EN 856/4SP. Per impieghi alla pressione massima di specifica si consigliano boccole ed inserti di tipo "INTERLOCK".
- WARNING:** Diese Büchsen mit Standardeinsatz können für Rohre EN 856/4SH nur dann angewendet werden, wenn der Betriebsdruck zu dem fürs Rohr EN 856/4SP passenden Niveau reduziert wird. Für die Anwendung beim Höchstbetriebsdruck sind Büchsen und Einsätze sogenannten Typs "interlock" empfohlen.
- WARNING:** These ferrules can only be used for EN 856/4SH hose when maximum service pressure is the one of EN 856/4SP pressure, INTERLOCK fittings should be used.
- AVIS:** Ces fourreaux à joint standard peuvent être utilisés pour les tuyaux EN 856/4SH seulement avec des pressions de travail réduites au niveau du tuyau EN 856/4SP. Pour l'emploi aux pressions maximales, on conseille les fourreaux et joints type "interlock".
- ADVERTENCIA:** Estos manguitos de guarnición normal pueden emplearse para tubos EN 856/4SH solamente con presiones de trabajo que sean reducidas a nivel del tubo EN 856/4SP. Para el empleo a las presiones máximas, se aconsejan manguitos y guarniciones tipo "interlock".

| SPECIFICA<br>EN 856/R12<br>SAE 100 R12                                              | TECHNISCHE DATEN<br>EN 856/R12<br>SAE 100 R12                                       | SPECIFICATIONS<br>EN 856/R12<br>SAE 100 R12                                                                             | SPECIFICATIONS<br>EN 856/R12<br>SAE 100 R12 | ESPECIFICACIONES<br>EN 856/R12<br>SAE 100 R12                                                             |      |                                                                                            |             |      |             |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------------------|-------------|------|-------------|
|  | BOCCOLA CODICE<br>HÜSENTYPE<br>FERRULE CODE<br>DESCRIPTION JUPE<br>CÓDIGO CASQUILLO | Ø InternoTubo<br>Schlauch-innendurchmesser<br>Bore diameter<br>Diamètre Intérieur de tuyau<br>Diametro interno manguera |                                             | Ø di Pressatura<br>Pressdurchmesser<br>Crimping diameter<br>Diamètre de sertissage<br>Diametro de presado |      | Pelatura esterna<br>Außenschälung<br>Outside skive<br>Denudage extérieur<br>Pelado externo |             |      |             |
|                                                                                     |                                                                                     | Pollici (1)                                                                                                             | dash                                        | DN                                                                                                        | mm   | mm                                                                                         | Pollici (1) | mm   | Pollici (1) |
|                                                                                     | 600490506                                                                           | 3/8                                                                                                                     | 6                                           | 10                                                                                                        | 9,5  | 23,2                                                                                       | 0,913       | 26,5 | 1,043       |
|                                                                                     | 600490508                                                                           | 1/2                                                                                                                     | 8                                           | 13                                                                                                        | 12,7 | 26,8                                                                                       | 1,055       | 26,5 | 1,043       |
|                                                                                     | 600490512                                                                           | 3/4                                                                                                                     | 12                                          | 19                                                                                                        | 19,0 | 34,4                                                                                       | 1,354       | 30,5 | 1,201       |
|                                                                                     | 600490516                                                                           | 1"                                                                                                                      | 16                                          | 25                                                                                                        | 25,4 | 42,1                                                                                       | 1,657       | 41   | 1,614       |
|                                                                                     | 600490520                                                                           | 1" 1/4                                                                                                                  | 20                                          | 32                                                                                                        | 31,8 | 50,1                                                                                       | 1,988       | 47   | 1,850       |
|                                                                                     | 600490524                                                                           | 1" 1/2                                                                                                                  | 24                                          | 38                                                                                                        | 38,1 | 59,0                                                                                       | 2,322       | 56   | 2,205       |
|                                                                                     | 600490532                                                                           | 2"                                                                                                                      | 32                                          | 50                                                                                                        | 50,8 | 72,0                                                                                       | 2,834       | 58   | 2,283       |
|                                                                                     |                                                                                     |                                                                                                                         |                                             |                                                                                                           |      |                                                                                            |             |      |             |
|                                                                                     |                                                                                     |                                                                                                                         |                                             |                                                                                                           |      |                                                                                            |             |      |             |

(1) Zoll - Inches - Pouces - Pulgadas



- Raccordi interlock
- Interlock Anschlußstücke
- Interlock fittings
- Raccords Interlock
- Racor Interlock

| SPECIFICA<br>EN 856/4SH<br>DIN 20023/2 - 4SH                                        |                                                                                     | TECHNISCHE DATEN<br>EN 856/4SH<br>DIN 20023/2 - 4SH                                                                     |      | SPECIFICATIONS<br>EN 856/4SH<br>DIN 20023/2 - 4SH |      | SPECIFICATIONS<br>EN 856/4SH<br>DIN 20023/2 - 4SH                                                         |             | ESPECIFICACIONES<br>EN 856/4SH<br>DIN 20023/2 - 4SH                                       |             |                                                                                            |             |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------|------|-----------------------------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------|-------------|--------------------------------------------------------------------------------------------|-------------|
|  | BOCCOLA CODICE<br>HÜSENTYPE<br>FERRULE CODE<br>DESCRIPTION JUPE<br>CÓDIGO CASQUILLO | Ø InternoTubo<br>Schlauch-innendurchmesser<br>Bore diameter<br>Diamètre Intérieur de tuyau<br>Diametro interno manguera |      |                                                   |      | Ø di Pressatura<br>Pressdurchmesser<br>Crimping diameter<br>Diamètre de sertissage<br>Diametro de presado |             | Pelatura interna<br>Innenschälung<br>Inside skive<br>Denudage intérieur<br>Pelado interno |             | Pelatura esterna<br>Außenschälung<br>Outside skive<br>Denudage extérieur<br>Pelado externo |             |
|                                                                                     |                                                                                     | Pollici (1)                                                                                                             | dash | DN                                                | mm   | mm                                                                                                        | Pollici (1) | mm                                                                                        | Pollici (1) | mm                                                                                         | Pollici (1) |
|                                                                                     | 600491612                                                                           | 3/4                                                                                                                     | 12   | 19                                                | 19,0 | 33,70                                                                                                     | 1,327       | 13,50                                                                                     | 0,530       | 57,00                                                                                      | 2,240       |
|                                                                                     | 600491616                                                                           | 1"                                                                                                                      | 16   | 25                                                | 25,4 | 42,00                                                                                                     | 1,654       | 17,00                                                                                     | 0,670       | 65,00                                                                                      | 2,560       |
|                                                                                     | 600491620                                                                           | 1" 1/4                                                                                                                  | 20   | 32                                                | 31,8 | 50,50                                                                                                     | 1,988       | 21,50                                                                                     | 0,850       | 74,00                                                                                      | 2,910       |
|                                                                                     | 600491624                                                                           | 1" 1/2                                                                                                                  | 24   | 38                                                | 38,1 | 58,00                                                                                                     | 2,283       | 25,80                                                                                     | 1,020       | 81,00                                                                                      | 3,190       |
|                                                                                     | 600491632                                                                           | 2"                                                                                                                      | 32   | 50                                                | 50,8 | 72,70                                                                                                     | 2,862       | 30,00                                                                                     | 1,180       | 89,00                                                                                      | 3,500       |
|                                                                                     |                                                                                     |                                                                                                                         |      |                                                   |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                     |                                                                                     |                                                                                                                         |      |                                                   |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                     |                                                                                     |                                                                                                                         |      |                                                   |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                     |                                                                                     |                                                                                                                         |      |                                                   |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |

(1) Zoll - Inches - Pouces - Pulgadas

| SPECIFICA<br>EN 856/R13<br>SAE 100 R13                                                |                                                                                     | TECHNISCHE DATEN<br>EN 856/R13<br>SAE 100 R13                                                                           |      | SPECIFICATIONS<br>EN 856/R13<br>SAE 100 R13 |      | SPECIFICATIONS<br>EN 856/R13<br>SAE 100 R13                                                               |             | ESPECIFICACIONES<br>EN 856/R13<br>SAE 100 R13                                             |             |                                                                                            |             |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------|------|-----------------------------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------|-------------|--------------------------------------------------------------------------------------------|-------------|
|  | BOCCOLA CODICE<br>HÜSENTYPE<br>FERRULE CODE<br>DESCRIPTION JUPE<br>CÓDIGO CASQUILLO | Ø InternoTubo<br>Schlauch-innendurchmesser<br>Bore diameter<br>Diamètre Intérieur de tuyau<br>Diametro interno manguera |      |                                             |      | Ø di Pressatura<br>Pressdurchmesser<br>Crimping diameter<br>Diamètre de sertissage<br>Diametro de presado |             | Pelatura interna<br>Innenschälung<br>Inside skive<br>Denudage intérieur<br>Pelado interno |             | Pelatura esterna<br>Außenschälung<br>Outside skive<br>Denudage extérieur<br>Pelado externo |             |
|                                                                                       |                                                                                     | Pollici (1)                                                                                                             | dash | DN                                          | mm   | mm                                                                                                        | Pollici (1) | mm                                                                                        | Pollici (1) | mm                                                                                         | Pollici (1) |
|                                                                                       | 600491612                                                                           | 3/4                                                                                                                     | 12   | 19                                          | 19,0 | 34,10                                                                                                     | 1,343       | 13,50                                                                                     | 0,530       | 57,00                                                                                      | 2,240       |
|                                                                                       | 600491616                                                                           | 1"                                                                                                                      | 16   | 25                                          | 25,4 | 42,50                                                                                                     | 1,673       | 17,00                                                                                     | 0,670       | 65,00                                                                                      | 2,560       |
|                                                                                       | 600491720                                                                           | 1" 1/4                                                                                                                  | 20   | 32                                          | 31,8 | 53,80                                                                                                     | 2,118       | 21,50                                                                                     | 0,850       | 74,00                                                                                      | 2,910       |
|                                                                                       | 600491724                                                                           | 1" 1/2                                                                                                                  | 24   | 38                                          | 38,1 | 60,50                                                                                                     | 2,382       | 25,80                                                                                     | 1,020       | 81,00                                                                                      | 3,190       |
|                                                                                       | 600491732                                                                           | 2"                                                                                                                      | 32   | 50                                          | 50,8 | 77,90                                                                                                     | 3,067       | 30,00                                                                                     | 1,180       | 89,00                                                                                      | 3,500       |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |
|                                                                                       |                                                                                     |                                                                                                                         |      |                                             |      |                                                                                                           |             |                                                                                           |             |                                                                                            |             |

(1) Zoll - Inches - Pouces - Pulgadas



- Raccordi interlock

- Interlock Anschlußstücke

- Interlock fittings

- Raccords Interlock

- Racor Interlock

| SPECIFICA<br>SAE 100 R15                                                          |  | TECHNISCHE DATEN<br>SAE 100 R15                                                     |                                                                                                                         | SPECIFICATIONS<br>SAE 100 R15 |    | SPECIFICATIONS<br>SAE 100 R15 |                                                                                                           | ESPECIFICACIONES<br>SAE 100 R15 |                                                                                           |             |                                                                                            |             |
|-----------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------|----|-------------------------------|-----------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------|-------------|--------------------------------------------------------------------------------------------|-------------|
|  |  | BOCCOLA CODICE<br>HÜSENTYPE<br>FERRULE CODE<br>DESCRIPTION JUPE<br>CÓDIGO CASQUILLO | Ø InternoTubo<br>Schlauch-innendurchmesser<br>Bore diameter<br>Diamètre Intérieur de tuyau<br>Diámetro interno manguera |                               |    |                               | Ø di Pressatura<br>Pressdurchmesser<br>Crimping diameter<br>Diamètre de sertissage<br>Diámetro de presado |                                 | Pelatura interna<br>Innenschälung<br>Inside skive<br>Denudage intérieur<br>Pelado interno |             | Pelatura esterna<br>Außenschälung<br>Outside skive<br>Denudage extérieur<br>Pelado externo |             |
|                                                                                   |  |                                                                                     | Pollici (1)                                                                                                             | dash                          | DN | mm                            | mm                                                                                                        | Pollici (1)                     | mm                                                                                        | Pollici (1) | mm                                                                                         | Pollici (1) |
|                                                                                   |  | 600491612                                                                           | 3/4                                                                                                                     | 12                            | 19 | 19,0                          | 33,70                                                                                                     | 1,327                           | 13,50                                                                                     | 0,530       | 57,00                                                                                      | 2,240       |
|                                                                                   |  | 600491616                                                                           | 1"                                                                                                                      | 16                            | 25 | 25,4                          | 41,80                                                                                                     | 1,646                           | 17,00                                                                                     | 0,670       | 65,00                                                                                      | 2,560       |
|                                                                                   |  | 600491720                                                                           | 1" 1/4                                                                                                                  | 20                            | 32 | 31,8                          | 53,60                                                                                                     | 2,110                           | 21,50                                                                                     | 0,850       | 74,00                                                                                      | 2,910       |
|                                                                                   |  | 600491724                                                                           | 1" 1/2                                                                                                                  | 24                            | 38 | 38,1                          | 60,50                                                                                                     | 2,382                           | 25,80                                                                                     | 1,020       | 81,00                                                                                      | 3,190       |
|                                                                                   |  |                                                                                     |                                                                                                                         |                               |    |                               |                                                                                                           |                                 |                                                                                           |             |                                                                                            |             |
|                                                                                   |  |                                                                                     |                                                                                                                         |                               |    |                               |                                                                                                           |                                 |                                                                                           |             |                                                                                            |             |
|                                                                                   |  |                                                                                     |                                                                                                                         |                               |    |                               |                                                                                                           |                                 |                                                                                           |             |                                                                                            |             |

(1) Zoll - Inches - Pouces - Pulgadas

- ATTENZIONE:

Le strutture costruttive e le dimensioni dei tubi R15 possono differire in modo considerevole a seconda del fabbricante. Preghiamo pertanto di verificare con accuratezza i diametri di pressatura da noi suggeriti con il tubo del Vostro fornitore.
- BITTE BEACHTEN:

Bei den R15 Schläuchen können di Konstruktionsstrukturen und Abmessungen je nach Hersteller sehr unterschiedlich sein. Wir bitten deshalb um sorgfältige Überprüfung der von uns vorgeschlagenen Pressdurchmesser mit den Schläuchen von Ihrem Lieferanten.
- WARNING:

The constructions structures and dimensions of tubes R15 can vary in a considerable way depending on the manufacturer. Therefore, you are kindly requested to carefully evaluate the pressing diameters recommended by ourselves against the tube of your supplier.
- AVIS:

Les structures de constructions et les dimensions des tuyaux R15 peuvent différer d'une manière considérable selon le fabricant. Nous vous prions donc de vérifier soigneusement les diamètres de sertissage que nous proposons vis-à-vis du tuyau de votre fournisseur.
- ADVERTENCIA:

Las estructuras de construccion y las dimensiones de los tubos R15 pueden diferir de manera considerable según el fabricante. Por tanto, se ruega controlen cuidadosamente los diámetros de prensado que les sugerimos respecte al tubo de su proveedor.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| I diametri di pressatura delle boccole sono indicativi in quanto l'ampia tolleranza sui diametri dei tubi potrebbe causare un collasso del diametro interno dell'inserto del raccordo. La diminuzione del diametro interno non dovrà superare 0,3-0,4 mm per i diametri 1/4" - 5/16" - 3/8" e 0,5-0,7 mm per i diametri superiori.                                                                                                                 |
| <b>ATTENZIONE:</b> I suggerimenti tecnici contenuti in questo documento sono indicativi e non costituiscono una specifica tecnica. I dati possono essere variati senza preavviso.                                                                                                                                                                                                                                                                  |
| Bei den Hulsen-Pressdurchmessern handelt es sich um Richtwerte, da die weiten Toleranzbereiche der Schlachdurchmesser die Zerstörung des Innendurchmessers bei der Verschraubung verursachen könnten. Max. Innendurchmesser-Reduzierung: 0,3-0,4 mm bei den Durchmessern 1/4" - 5/16" - 3/8", 0,5-0,7 mm bei größeren Durchmessern. Andernfalls muß man den Pressdurchmesser entsprechend ändern.                                                  |
| <b>BITTE BEACHTEN:</b> Die technischen Ratschläge aus diesem Katalog sind Richtempfehlungen und heine technischen Daten. Die daten können unangekündigt geänsert wedrden.                                                                                                                                                                                                                                                                          |
| The pressing diameter of the crimp ferrule are indicative, because of the great tolerance on tube's diameters, could cause a collapse of the fitting's insert of diameter. The contraction of inside diameter couldn't be higher then 0,3-0,4 mm for diameters 1/4" - 5/16" - 3/8" and 0,5-0,7 mm for superior diameters. On the contrary it will be necessary to modify the pressing diameter in proportion.                                      |
| <b>WARNING:</b> Technical characteristics contained in this document are indicative and don't constitute a technical specification. Information subject to change without notice.                                                                                                                                                                                                                                                                  |
| Les diamètres de sertissage des jupes sont indicatifs, la tolérance sur les diamètres des tuyaux flexible peuvent causer un effondrement du nipple. La diminution du diamètre intérieur du nipple ne devra pas être supérieur à 0,3-0,4 mm pour les diamètres 1/4" - 5/16" - 3/8" et 0,5-0,7 mm pour les diamètres supérieurs. Dans !e cas contraire, il sera nécessaire de modifier le diamètre de sertissage en proportion.                      |
| <b>AVIS:</b> Les conseils techniques renfermés dans ce document sont à titre indicatif et ils ne constituent pas des Spécifications Techniques. Toute donnée peut être modifiée sans avis préalable.                                                                                                                                                                                                                                               |
| Los diámetros de prensado de los casquillos son a título indicativo, en cuanto a la amplia tolerancia de los diámetros de las mangueras podría causar un colapso del diámetro interno de la espiga el racor. La disminución del diámetro interno no deberá superar 0,3-0,4 mm para los diámetros 1/4" - 5/16" - 3/8" y 0,5-0,7 mm para los diámetros superiores. En caso contrario será necesario modificar el diámetro de prensado en proporción. |
| <b>ADVERTENCIA:</b> Las sugerencias técnicas contenidas en este documento son orientativas y no constituyen especificaciones técnicas. Los datos pueden ser modificados sin previo aviso.                                                                                                                                                                                                                                                          |

INDICE RACCORDI PER CODICE - INDEX DES RACCORDS PAR REFERENCE - INDEX PART-NUMBER  
VERSCHRAUBUNGEN-VERZEICHNIS NACH ARTIKELNUMMER - INDICE RACORES POR CODIGO

|               |         |               |         |              |         |
|---------------|---------|---------------|---------|--------------|---------|
| 600.00.01.00  | Pag. 66 | 600.36.00.00  | Pag. 49 | 600.56.00.00 | Pag. 41 |
| 600.00.02.00  | “ 66    | 600.37.00.00  | “ 49    | 600.57.00.00 | “ 41    |
| 600.00.05.00  | “ 66    | 600.38.00.00  | “ 50    | 600.60.00.00 | “ 56    |
| 600.00.12.00  | “ 67    | 600.39.00.00  | “ 50    | 600.61.00.00 | “ 58    |
| 600.00.13.00  | “ 67    | 600.40.00.00  | “ 51    | 600.62.00.00 | “ 56    |
| 600.01.00.00  | “ 43    | 600.41.00.00  | “ 45    | 600.63.00.00 | “ 57    |
| 600.02.00.00  | “ 43    | 600.42.00.00  | “ 45    | 600.64.00.00 | “ 57    |
| 600.03.00.00  | “ 43    | 600.43.00.00  | “ 46    | 600.65.00.00 | “ 58    |
| 600.10.00.00  | “ 47    | 600.44.00.00  | “ 44    | 600.66.00.00 | “ 59    |
| 600.11.00.00  | “ 47    | 600.46.00.00L | “ 60    | 600.67.00.00 | “ 59    |
| 600.12.00.00  | “ 47    | 600.46.00.00S | “ 61    | 600.68.00.00 | “ 70    |
| 600.13.00.00  | “ 48    | 600.47.00.00L | “ 60    | 600.69.00.00 | “ 72    |
| 600.16.00.00  | “ 38    | 600.47.00.00S | “ 62    | 600.70.00.00 | “ 77    |
| 600.17.00.00  | “ 39    | 600.48.00.00L | “ 61    | 600.71.00.00 | “ 77    |
| 600.18.00.00  | “ 40    | 600.48.00.00S | “ 62    | 600.72.00.00 | “ 78    |
| 600.19.00.00  | “ 65    | 600.49.00.00  | “ 34    | 600.73.00.00 | “ 78    |
| 600.20.00.00  | “ 37    | 600.49.01.00  | “ 33    | 600.74.00.00 | “ 70    |
| 600.22.00.00  | “ 42    | 600.49.02.00  | “ 33    | 600.75.00.00 | “ 71    |
| 600.23.00.00  | “ 37    | 600.49.03.00  | “ 36    | 600.76.00.00 | “ 71    |
| 600.24.00.00  | “ 44    | 600.49.04.00  | “ 36    | 600.77.00.00 | “ 72    |
| 600.26.00.00  | “ 53    | 600.49.05.00  | “ 36    | 600.78.00.00 | “ 73    |
| 600.26.00.00A | “ 53    | 600.49.07.00  | “ 35    | 600.79.00.00 | “ 73    |
| 600.27.00.00  | “ 54    | 600.49.09.00  | “ 35    | 600.80.00.00 | “ 75    |
| 600.27.00.00A | “ 54    | 600.49.11.00  | “ 34    | 600.81.00.00 | “ 75    |
| 600.28.00.00  | “ 55    | 600.49.12.00  | “ 34    | 600.82.00.00 | “ 75    |
| 600.28.00.00A | “ 55    | 600.49.14.00  | “ 35    | 600.83.00.00 | “ 76    |
| 600.29.00.00  | “ 65    | 600.49.16.00  | “ 69    | 600.84.00.00 | “ 76    |
| 600.30.00.00  | “ 52    | 600.49.17.00  | “ 69    | 600.85.00.00 | “ 76    |
| 600.31.00.00  | “ 38    | 600.50.00.00  | “ 46    | 600.86.00.00 | “ 74    |
| 600.32.00.00  | “ 39    | 600.51.00.00  | “ 42    | 600.87.00.00 | “ 74    |
| 600.33.00.00  | “ 40    | 600.52.00.00  | “ 64    | 600.90.00.00 | “ 63    |
| 600.34.00.00  | “ 51    | 600.55.00.00  | “ 41    | 600.91.00.00 | “ 63    |
| 600.35.00.00  | “ 48    |               |         | 600.92.00.00 | “ 64    |

INDICE - INDEX



|                                                                                                                                                                                                                                                                                                                                  |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                                                                                  | <b>600490100</b>               |
| <ul style="list-style-type: none"> <li>• BOCCOLA PER TUBO SAE 100 R1A EN 853-1ST</li> <li>• PRESSHÜLSE FÜR SAE 100 R1A EN 853-1ST SCHLAUCH</li> <li>• SKIVE FERRULE FOR SAE 100 R1A EN 853-1ST HOSE</li> <li>• JUPE À SERTIR POUR TUYAU SAE 100 R1A EN 853-1ST</li> <li>• CASQUILLO PARA TUBO SAE -100 R1A EN 853-1ST</li> </ul> | <b>PAG./SEITE</b><br><b>33</b> |

|                                                                                                                                                                                                                                                                                                                                                          |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                                                                                                          | <b>600490200</b>               |
| <ul style="list-style-type: none"> <li>• BOCCOLA PER TUBO SAE 100 R2A - R9 EN 853-2ST</li> <li>• PRESSHÜLSE FÜR SAE 100 R2A - R9 EN 853-2ST SCHLAUCH</li> <li>• SKIVE FERRULE FOR SAE 100 R2A - R9 EN 853-2ST HOSE</li> <li>• JUPE À SERTIR POUR TUYAU SAE 100 R2A - R9 EN 853-2ST</li> <li>• CASQUILLO PARA TUBO SAE 100 R2A - R9 EN 853-2ST</li> </ul> | <b>PAG./SEITE</b><br><b>33</b> |

|                                                                                                                                                                                                                                                                                                                                                |                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                                                                                                | <b>600491100</b>               |
| <ul style="list-style-type: none"> <li>• BOCCOLA PER TUBO SAE 100 R1AT EN 853 - 1SN</li> <li>• PRESSHÜLSE FÜR SAE 100 R1AT EN 853 - 1SN SCHLAUCH</li> <li>• SKIVE FERRULE FOR SAE 100 R1AT EN 853 - 1SN HOSE</li> <li>• JUPE A SERTIR POUR TUYAU SAE 100 R1AT EN 853 - 1SN</li> <li>• CASQUILLO PARA TUBO SAE 100 R1AT EN 853 - 1SN</li> </ul> | <b>PAG./SEITE</b><br><b>34</b> |

|                                                                                                                                                                                                                                                                                                                                         |                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                                                                                         | <b>600491200</b>               |
| <ul style="list-style-type: none"> <li>• BOCCOLA PER TUBO SAE 100 R2AT EN 853-2SN</li> <li>• PRESSHÜLSE FÜR SAE 100 R2AT EN 853-2SN SCHLAUCH</li> <li>• NO-SKIVE FERRULE FOR SAE 100 R2AT EN 853-2SN HOSE</li> <li>• JUPE A SERTIR POUR TUYAU SAE 100 R2AT EN 853-2SN</li> <li>• CASQUILLO PARA TUBO SAE 100 R2AT EN 853-2SN</li> </ul> | <b>PAG./SEITE</b><br><b>34</b> |

|                                                                                                                                                                                                                                                                                                                                                                                                                    |                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>600490000</b>               |
| <ul style="list-style-type: none"> <li>• BOCCOLA PER TUBO SAE 100 R1AT - R2AT EN 853 - 1SN - 2SN</li> <li>• PRESSHÜLSE FÜR SAE 100 R1AT - R2AT EN 853 - 1SN - 2SN SCHLAUCH</li> <li>• NO-SKIVE FERRULE FOR SAE 100 R1AT - R2AT EN 853 - 1SN - 2SN HOSE</li> <li>• JUPE A SERTIR POUR TUYAU SAE 100 R1AT - R2AT EN 853 - 1SN - 2SN</li> <li>• CASQUILLO PARA TUBO SAE 100 R1AT - R2AT EN 853 - 1SN - 2SN</li> </ul> | <b>PAG./SEITE</b><br><b>34</b> |

|                                                                                                                                                                                                                                                                                                                                           |                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                                                                                           | <b>600490900</b>               |
| <ul style="list-style-type: none"> <li>• BOCCOLA PER TUBO SAE 100 R9R EN 856 - 4SP</li> <li>• PRESSHÜLSE FÜR SAE 100 R9R EN 856 - 4SP SCHLAUCH</li> <li>• SKIVE FERRULE FOR SAE 100 R9R EN 856 - 4SP HOSE</li> <li>• JUPE À SERTIR POUR TUYAU SAE 100 R9R EN 856 - 4SP</li> <li>• CASQUILLO PARA TUBO SAE 100 R9R EN 856 - 4SP</li> </ul> | <b>PAG./SEITE</b><br><b>35</b> |

|                                                                                                                                                                                                                                                                              |                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                              | <b>600491400</b>               |
| <ul style="list-style-type: none"> <li>• BOCCOLA PER TUBO EN 856 - 4SH</li> <li>• PRESSHÜLSE FÜR EN 856 - 4SH SCHLAUCH</li> <li>• SKIVE FERRULE FOR EN 856 - 4SH HOSE</li> <li>• JUPEÀ SERTIR POUR TUYAU EN 856 - 4SH</li> <li>• CASQUILLO PARA TUBO EN 856 - 4SH</li> </ul> | <b>PAG./SEITE</b><br><b>35</b> |

|                                                                                                                                                                                                                                                                                                                                                                       |                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                       | <b>600490700</b>               |
| <ul style="list-style-type: none"> <li>• BOCCOLA PER TUBO SAE 100 R6-R7-R8 EN 854 - 1TE</li> <li>• PRESSHÜLSE FÜR SAE 100 R6-R7-R8 EN 854 - 1TE SCHLAUCH</li> <li>• NO-SKIVE FERRULE FOR SAE 100 R6-R7-R8 EN 854 - 1TE HOSE</li> <li>• JUPE A SERTIR POUR TUYAU SAE 100 R6-R7-R8 EN 854 - 1TE</li> <li>• CASQUILLO PARA TUBO SAE 100 R6-R7-R8 EN 854 - 1TE</li> </ul> | <b>PAG./SEITE</b><br><b>35</b> |

|                                                                                                                                                                                                                                                                                  |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                                  | <b>600490400</b>               |
| <ul style="list-style-type: none"> <li>• BOCCOLA PER TUBO EN 857 - 1SC</li> <li>• PRESSHÜLSE FÜR EN 857 - 1SC SCHLAUCH</li> <li>• NO-SKIVE FERRULE FOR EN 857 - 1SC HOSE</li> <li>• JUPE A SERTIR POUR TUYAU EN 857 - 1SC</li> <li>• CASQUILLO PARA TUBO EN 857 - 1SC</li> </ul> | <b>PAG./SEITE</b><br><b>36</b> |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>600490300</b>               |
| <ul style="list-style-type: none"> <li>• BOCCOLA PER TUBO SAE 100 R1AT-R2AT - R16-R17 EN 853 - 1SN-2SN EN 857 - 2SC</li> <li>• PRESSHÜLSE FÜR SAE 100 R1AT-R2AT - R16-R17 EN 853 - 1SN-2SN EN 857 - 2SC SCHLAUCH</li> <li>• NO-SKIVE FERRULE FOR SAE 100 R1AT - R2AT - R16-R17 EN 853 - 1SN-2SN EN 857 - 2SC</li> <li>• JUPE A SERTIR POUR TUYAU SAE 100 R1AT-R2AT - R16-R17 EN 853 - 1SN-2SN EN 857 - 2SC</li> <li>• CASQUILLO PARA TUBO SAE 100 R1AT - R2AT - R16-R17 EN 853 - 1SN-2SN EN 857 - 2SC</li> </ul> | <b>PAG./SEITE</b><br><b>36</b> |

INDICE - INDEX



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>600490500</b>               |
| <ul style="list-style-type: none"> <li>• BOCCOLA PER TUBO SAE100 R2A - R9R - R12 EN 856 - 4SP EN 853 - 2ST</li> <li>• PRESSHÜLSE FÜR SAE 100 R2A - R9R - R12 EN 856 - 4SP EN 853 - 2ST SCHLAUCH</li> <li>• SKIVE FERRULE FOR SAE 100 R2A - R9 - R9R - R12 EN 856 - 4SP EN 853 - 2ST HOSE</li> <li>• JUPE À SEFTIR POUR TUYAU SAE 100 R2A -R9 -R9R - R12 EN 856 -4SP EN 853 -2ST</li> <li>• CASQUILLO PARA TUBO SAE100 R2A - R9 - R9R - R12 EN 856 -4SP EN 853 - 2ST</li> </ul> | <b>PAG./SEITE</b><br><b>36</b> |

|                                                                                                                                                                                                             |                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                             | <b>600230000</b>               |
| <ul style="list-style-type: none"> <li>• MASCHIO GAS CONICO</li> <li>• AGR KONISCH (BSP GEWINDE NACH)</li> <li>• BSP MALE TAPERED</li> <li>• EMBOUT MALE BSP CONIQUE</li> <li>• MACHO GAS CONICO</li> </ul> | <b>PAG./SEITE</b><br><b>37</b> |

|                                                                                                                                                                                                                                                           |                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                           | <b>600200000</b>               |
| <ul style="list-style-type: none"> <li>• MASCHIO GAS CILINDRICO SVASATO 60°</li> <li>• AGR 60° INNENKONUS (BSP GEWINDE)</li> <li>• BSP MALE PARALLEL 60° CONE SEAT</li> <li>• EMBOUT MALE BSP 60°</li> <li>• MACHO GAS CILINDRICO ASIEN TO 60°</li> </ul> | <b>PAG./SEITE</b><br><b>37</b> |

|                                                                                                                                                                                                                                                                      |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                      | <b>600160000</b>               |
| <ul style="list-style-type: none"> <li>• FEMMINA DIRITTA CONO 60° FILETTO GAS CILINDRICO</li> <li>• DKR 60° KONUS (BSP GEWINDE)</li> <li>• BSP FEMALE 60° CONE SEAT</li> <li>• EMBOUT FEMELLE DROIT CONE 60° BSP</li> <li>• HEMBRA ROSCA GAS ASIEN TO 60°</li> </ul> | <b>PAG./SEITE</b><br><b>38</b> |

|                                                                                                                                                                                                                                                                      |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                      | <b>600310000</b>               |
| <ul style="list-style-type: none"> <li>• FEMMINA DIRITTA CONO 60° FILETTO GAS CILINDRICO</li> <li>• DKR 60° KONUS (BSP GEWINDE)</li> <li>• BSP FEMALE 60° CONE SEAT</li> <li>• EMBOUT FEMELLE DROIT CONE 60° BSP</li> <li>• HEMBRA ROSCA GAS ASIEN TO 60°</li> </ul> | <b>PAG./SEITE</b><br><b>38</b> |

|                                                                                                                                                                                                                                                                                                           |                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                                                           | <b>600170000</b>               |
| <ul style="list-style-type: none"> <li>• FEMMINA CURVA 90° CONO 60° FILETTO GAS CILINDRICO</li> <li>• DKR 90° BOGEN 60° KONUS (BSP GEWINDE)</li> <li>• 90° BSP FEMALE SWEPT ELBOW 60° CONE</li> <li>• EMBOUT FEMELLE 90° CONE 60° BSP CYLINDRIQUE</li> <li>• HEMBRA 90° ROSCA GAS ASIEN TO 60°</li> </ul> | <b>PAG./SEITE</b><br><b>39</b> |

|                                                                                                                                                                                                                                                                                                           |                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                                                           | <b>600320000</b>               |
| <ul style="list-style-type: none"> <li>• FEMMINA CURVA 90° CONO 60° FILETTO GAS CILINDRICO</li> <li>• DKR 90° BOGEN 60° KONUS (BSP GEWINDE)</li> <li>• 90° BSP FEMALE SWEPT ELBOW 60° CONE</li> <li>• EMBOUT FEMELLE 90° CONE 60° BSP CYLINDRIQUE</li> <li>• HEMBRA 90° ROSCA GAS ASIEN TO 60°</li> </ul> | <b>PAG./SEITE</b><br><b>39</b> |

|                                                                                                                                                                                                                                                                                                           |                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                                                           | <b>600180000</b>               |
| <ul style="list-style-type: none"> <li>• FEMMINA CURVA 45° CONO 60° FILETTO GAS CILINDRICO</li> <li>• DKR 45° BOGEN 60° KONUS (BSP GEWINDE)</li> <li>• 45° BSP FEMALE SWEPT ELBOW 60° CONE</li> <li>• EMBOUT FEMELLE 45° CONE 60° BSP CYLINDRIQUE</li> <li>• HEMBRA 45° ROSCA GAS ASIEN TO 60°</li> </ul> | <b>PAG./SEITE</b><br><b>40</b> |

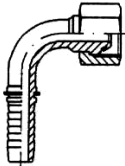
|                                                                                                                                                                                                                                                                                                           |                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                                                           | <b>600330000</b>               |
| <ul style="list-style-type: none"> <li>• FEMMINA CURVA 45° CONO 60° FILETTO GAS CILINDRICO</li> <li>• DKR 45° BOGEN 60° KONUS (BSP GEWINDE)</li> <li>• 45° BSP FEMALE SWEPT ELBOW 60° CONE</li> <li>• EMBOUT FEMELLE 45° CONE 60° BSP CYLINDRIQUE</li> <li>• HEMBRA 45° ROSCA GAS ASIEN TO 60°</li> </ul> | <b>PAG./SEITE</b><br><b>40</b> |

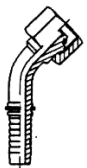
|                                                                                                                                                                                                                                                                                                                                                    |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                                                                                                    | <b>600550000</b>               |
| <ul style="list-style-type: none"> <li>• FEMMINA DIRITTA - CONO 60° O.R. FILETTO GAS CILINDRICO</li> <li>• DKOR 60° KONUS MIT O-RING (BSP GEWINDE)</li> <li>• BSP O-RING FEMALE 60° CONE</li> <li>• RACCORD FEMELLE DROITE CONE 60° O.R. FILETAGE BSP CYLINDRIQUE</li> <li>• RACOR HEMBRA DERECHA CONO 60° O.R. ROSCA CILINDRICA DE GAS</li> </ul> | <b>PAG./SEITE</b><br><b>41</b> |

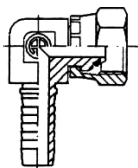


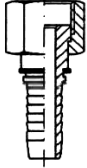
INDICE - INDEX

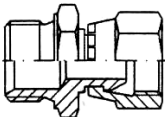


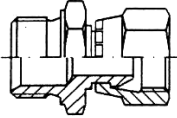
|                                                                                                                                                                                                                                                                                                                                                                        |                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                                       | <b>600560000</b>               |
| <ul style="list-style-type: none"><li>• FEMMINA CURVA 90° CONO 60° O.R. FILETTO GAS CILINDRICO</li><li>• DKOR 90° BOGEN 60° KONUS MIT O-RING (BSP GEWINDE)</li><li>• 90° BSP O-RING FEMALE ELBOW 60° CONE</li><li>• RACCORD FEMELLE TORDUE 90° CONE 60° O.R. FILETAGE BSP CYLINDRIQUE</li><li>• RACOR HEMBRA CURVA 90° CONO 60° O.R. ROSCA CILINDRICA DE GAS</li></ul> | <b>PAG./SEITE</b><br><b>41</b> |

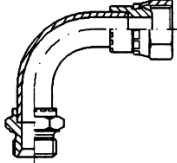
|                                                                                                                                                                                                                                                                                                                                                                       |                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                                      | <b>600570000</b>               |
| <ul style="list-style-type: none"><li>• FEMMINA CURVA 45° CONO 60° O.R. FILETTO GAS CILINDRICO</li><li>• DKOR 45° BOGEN 60° KONUS MIT O-RING (BSP GEWINDE)</li><li>• 45° BSP O-RING FEMALE ELBOW 60° CONE</li><li>• RACCORD FEMELLE TORDUE 45° CONE 60° O.R. FILETAGE BSP CYLINDRIQUE</li><li>• RACOR HEMBRA CURVA 45° CONO 60° O.R. ROSCA CILINDRICA DEGAS</li></ul> | <b>PAG./SEITE</b><br><b>41</b> |

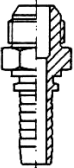
|                                                                                                                                                                                                                                                                                                                                                |                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                              | <b>600510000</b>               |
| <ul style="list-style-type: none"><li>• FEMMINA COMPATTA 90° CONO 60° O-RING FILETTO GAS CILINDRICO</li><li>• DKOR KOMPAKT BOGEN 60° KONUS MIT O-RING BSP GEWINDE</li><li>• 90° BSP O-RING FEMALE COMPACT ELBOW 60° CONE</li><li>• COUDE FEMELLE COMPACT 90° O-RING FILETAGE BSP</li><li>• CODO HEMBRA COMPACTO 90° O-RING ROSCA GAS</li></ul> | <b>PAG./SEITE</b><br><b>42</b> |

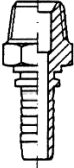
|                                                                                                                                                                                                                                                                                      |                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                   | <b>600220000</b>               |
| <ul style="list-style-type: none"><li>• FEMMINA DIRITTA FACCIA PIANA FILETTO GAS CILINDRICO</li><li>• FLACHDICHTEND BSP GEWINDE</li><li>• BSP FEMALE FLAT FACE</li><li>• UNION FEMELLE A FACE PLATE FILETAGE BSP</li><li>• RACOR HEMBRA DERECHO SUPERFICIE PLANA ROSCA GAS</li></ul> | <b>PAG./SEITE</b><br><b>42</b> |

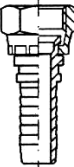
|                                                                                                                                                                                                                                                                                                                                            |                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                         | <b>600010000</b>               |
| <ul style="list-style-type: none"><li>• MASCHIO GAS CIL. SVASATO 60° - FEMMINA GIREVOLE OGIVA 60°</li><li>• AUSSENGEWINDE ÜBERWURFMUTTER BSP ADAPTER 60°</li><li>• STRAIGHT ADAPTER MALE BSP CONED 60° FEMALE CAP SURFACE 60°</li><li>• ADAPTEUR DROIT FBSP 60° HBSP 60°</li><li>• ADAPTADOR MACHO TUERCA ROSCA GAS ASIEN TO 60°</li></ul> | <b>PAG./SEITE</b><br><b>43</b> |

|                                                                                                                                                                                                                                                                                                                                                                                                   |                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                                                                 | <b>600020000</b>               |
| <ul style="list-style-type: none"><li>• MASCHIO RIDOTTO GAS CIL. SVASATO 60° FEMMINA GIREVOLE OGIVA 60°</li><li>• AUSSENGEWINDE ÜBERWURFM UTTER BSP ADAPTER REDUZIERUNG 60°</li><li>• REDUCED STRAIGHT ADAPTER MALE BSP CONED 60° FEMALE CAP - SURFACE 60°</li><li>• ADAPTEUR DE REDUCTION DROIT - FBSP 60° HBSP 60°</li><li>• ADAPTADOR REDUCIDO MACHO - TUERCA ROSCA GAS ASIEN TO 60°</li></ul> | <b>PAG./SEITE</b><br><b>43</b> |

|                                                                                                                                                                                                                                                                                                                                                   |                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                 | <b>600030000</b>               |
| <ul style="list-style-type: none"><li>• MASCHIO 90° GAS CIL. SVASATO 60° FEMMINA GIREVOLE OGIVA 60°</li><li>• 90°AUSSENGEWINDE ÜBERWURFMUTTER BSP ADAPTER 60°</li><li>• ADAPTER 90° CYLINDRICAL MALE CONED 60° FEMALE CAP SURFACE 60°</li><li>• CONED 90° HBSP 60° FBSP 60°</li><li>• ADAPTADOR 90° MACHO-TUERCA ROSCA GAS ASIEN TO 60°</li></ul> | <b>PAG./SEITE</b><br><b>43</b> |

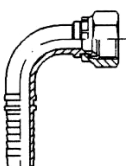
|                                                                                                                                                                                                                                                                                         |                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                      | <b>600440000</b>               |
| <ul style="list-style-type: none"><li>• MASCHIO JIC - UNF CONO 74° SAE J514</li><li>• AGJ 74°AUSSEWKONUS (UNF-GEWINDE NACH SAE J514)</li><li>• JIC MALE 74° CONE SAE J514</li><li>• EMBOUT MALE JIC UNF CONE 74° SAE J514</li><li>• MACHO ROSCA UNF ASIEN TO JIC-74° SAE J514</li></ul> | <b>PAG./SEITE</b><br><b>44</b> |

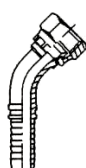
|                                                                                                                                                                                                                                                                                    |                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                | <b>600240000</b>               |
| <ul style="list-style-type: none"><li>• MASCHIO NPTF SVASATO 60° SAE J516</li><li>• AGN 60° INNEN KONUS (NPTF GEWINDE NACH SAE J516)</li><li>• NPTF MALE 60° CONE SEAT SAE J516</li><li>• EMBOUT MALE NPTF EVASE 60° SAE J516</li><li>• MACHO NPTF ASIEN TO 60° SAE J516</li></ul> | <b>PAG./SEITE</b><br><b>44</b> |

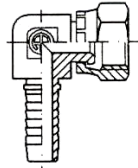
|                                                                                                                                                                                                                                                                                                                             |                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                         | <b>600410000</b>               |
| <ul style="list-style-type: none"><li>• FEMMINA DIRITTA JIC SVASATA 74° FILETTO UNF SAE J514</li><li>• DKJ 74° DICH KOPF (UNF GEWINDE NACH SAE J514)</li><li>• JIC FEMALE 74° CONE SEAT - SAE J514</li><li>• EMBOUT FEMELLE DROIT JIC 74° FILET UNF SAE J514</li><li>• HEMBRA ROSCA UNF ASIEN TO JIC-74° SAE J514</li></ul> | <b>PAG./SEITE</b><br><b>45</b> |

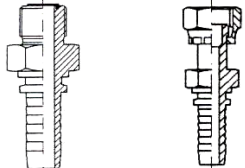
INDICE - INDEX

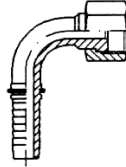


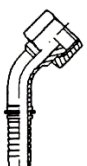
|                                                                                                                                                                                                                                                                                                                                                            |                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                         | <b>600420000</b>               |
| <ul style="list-style-type: none"><li>• FEMMINA CURVA 90° JIC - SVASATA 74° FILETTO UNF SAE J514</li><li>• DKJ 90° BOGEN 74° DICH KOPF (UNF GEWINDE NACH SAE J514)</li><li>• 90° JIC FEMALE SWEPT ELBOW 74° CONE - SEAT SAE J514</li><li>• EMBOUT FEMELLE 90°JIC 74° FILET UNF SAE J514</li><li>• HEMBRA 90° ROSCA UNF ASIEN TO JIC-74° SAE J514</li></ul> | <b>PAG./SEITE</b><br><b>45</b> |

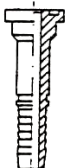
|                                                                                                                                                                                                                                                                                                                                                             |                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                          | <b>600430000</b>               |
| <ul style="list-style-type: none"><li>• FEMMINA CURVA 45° JIC - SVASATA 74° SAE J514 FILETTO UNF</li><li>• DKJ 45° BOGEN 74° DICH KOPF (UNF GEWINDE NACH SAE J514)</li><li>• 45° JIC FEMALE SWEPT ELBOW 74° CONE SEAT - SAE J514</li><li>• EMBOUT FEMELLE 45° JIC 74° FILET UNF SAE J514</li><li>• HEMBRA 45° ROSCA UNF ASIEN TO JIC 74° SAE J514</li></ul> | <b>PAG./SEITE</b><br><b>46</b> |

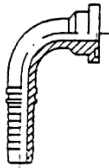
|                                                                                                                                                                                                                                                                                                                                                                    |                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                                | <b>600500000</b>               |
| <ul style="list-style-type: none"><li>• FEMMINA COMPATTA 90° - CONO 74° - FIL. UNF - SAE J514</li><li>• KOMPAKT BOGEN 74° DICH KOPF - UNF GEWINDE - NACH SAE J514</li><li>• 90° JIC FEMALE COMPACT ELBOW 74° CONE SEAT - SAE J514</li><li>• COUDE FEMELLE COMPACT 90° - JIC 74° - UNF SAE J514</li><li>• CODO HEMBRA COMPACTO 90° JIC 74° - UNF SAE J514</li></ul> | <b>PAG./SEITE</b><br><b>46</b> |

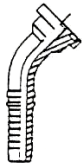
|                                                                                                                                                                                                                                                                   |                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                              | <b>600110000</b>               |
| <ul style="list-style-type: none"><li>• MASCHIO - FEMMINA ORFS SAE J1453</li><li>• AUBENGWINDE - DK ORFS - NACH SAE J1453</li><li>• ORFS MALE - FEMALE SAE J1453</li><li>• ORFS EMBOUT MALE - FEMELLE SAE J1453</li><li>• ORFS MACHO - HEMBRA SAE J1453</li></ul> | <b>PAG./SEITE</b><br><b>47</b> |

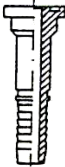
|                                                                                                                                                                                                                                                          |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                     | <b>600120000</b>               |
| <ul style="list-style-type: none"><li>• FEMMINA CURVA 90° ORFS - SAE J1453</li><li>• DK 90° BOGEN ORFS UNF GEWINDE NACH SAE J1453</li><li>• 90° ORFS FEMALE SAE J1453</li><li>• ORFS FEMELLE 90° SAE J1453</li><li>• CODO HEMBRA 90° SAE J1453</li></ul> | <b>PAG./SEITE</b><br><b>47</b> |

|                                                                                                                                                                                                                                                          |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                       | <b>600130000</b>               |
| <ul style="list-style-type: none"><li>• FEMMINA CURVA 45° ORFS - SAE J1453</li><li>• DK 45° BOGEN ORFS UNF GEWINDE NACH SAE J1453</li><li>• 45° ORFS FEMALE SAE J1453</li><li>• ORFS FEMELLE 45° SAE J1453</li><li>• CODO HEMBRA 45° SAE J1453</li></ul> | <b>PAG./SEITE</b><br><b>48</b> |

|                                                                                                                                                                                                                                                                          |                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                       | <b>600350000</b>               |
| <ul style="list-style-type: none"><li>• FLANGIA DIRITTA 3000 PSI SAE J518</li><li>• SAE J518 FLANSCHANSCHLUSS 3000 PSI/SFL</li><li>• SAE J518 STRAIGHT FLANGE 3000 PSI</li><li>• EMBOUT ,BRIDE SAE J518 3000 PSI DROIT</li><li>• BRIDA RECTA 3000 PSI SAE J518</li></ul> | <b>PAG./SEITE</b><br><b>48</b> |

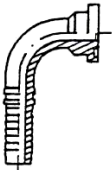
|                                                                                                                                                                                                                                                                      |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                  | <b>600360000</b>               |
| <ul style="list-style-type: none"><li>• FLANGIA CURVA 90° 3000 PSI SAE J518</li><li>• 90° SAE J518 FLANSCHANSCHLUSS 3000 PSI/SFL</li><li>• 90° SAE J518 FLANGE 3000 PSI</li><li>• EMBOUT BRIDE 90° SAE J518 3000 PSI</li><li>• BRIDA 90° 3000 PSI SAE J518</li></ul> | <b>PAG./SEITE</b><br><b>49</b> |

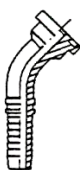
|                                                                                                                                                                                                                                                                        |                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                   | <b>600370000</b>               |
| <ul style="list-style-type: none"><li>• FLANGIA CURVA 45° 3000 PSI SAE J518</li><li>• 45° SAE J518 FLANSCHANSCHLUSS 3000 PSI/SFL</li><li>• 45° SAE J518 FLANGE 3000 PSI</li><li>• EMBOUT , BRIDE 45° SAE J518 3000 PSI</li><li>• BRIDA 45° 3000 PSI SAE J518</li></ul> | <b>PAG./SEITE</b><br><b>49</b> |

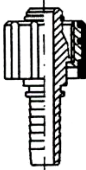
|                                                                                                                                                                                                                                                                               |                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                          | <b>600380000</b>               |
| <ul style="list-style-type: none"><li>• FLANGIA DIRITTA 6000 PSI SAE J518</li><li>• SAE J518 FLANSCHANSCHLUSS 6000 PSI/SFS</li><li>• SAE J518 STRAIGHT FLANGE 6000 PSI</li><li>• EMBOUT , BRIDE SAE 6000 PSI DROIT SAE J518</li><li>• BRIDA RECTA 6000 PSI SAE J518</li></ul> | <b>PAG./SEITE</b><br><b>50</b> |

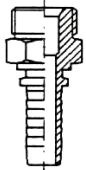
INDICE - INDEX

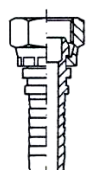


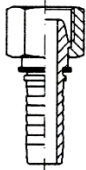
|                                                                                                                                                                                                                                                                              |                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                             | <b>600390000</b>               |
| <ul style="list-style-type: none"> <li>• FLANGIA CURVA 90° 6000 PSI SAE J518</li> <li>• 90° SAE J518 FLANSCHANSCHLUSS 6000 PSI/SFS</li> <li>• 90° SAE J518 FLANGE 6000 PSI</li> <li>• EMBOUT A BRIDE 90° SAE J518 6000 PSI</li> <li>• BRIDA 90° 6000 PSI SAE J518</li> </ul> | <b>PAG./SEITE</b><br><b>50</b> |

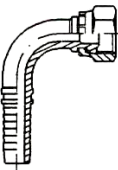
|                                                                                                                                                                                                                                                                              |                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                             | <b>600400000</b>               |
| <ul style="list-style-type: none"> <li>• FLANGIA CURVA 45° 6000 PSI SAE J518</li> <li>• 45° SAE J518 FLANSCHANSCHLUSS 6000 PSI/SFS</li> <li>• 45° SAE J518 FLANGE 6000 PSI</li> <li>• EMBOUT A BRIDE 45° SAE J518 6000 PSI</li> <li>• BRIDA 45° 6000 PSI SAE J518</li> </ul> | <b>PAG./SEITE</b><br><b>51</b> |

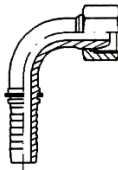
|                                                                                                                                                                                                                                       |                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                     | <b>600340000</b>               |
| <ul style="list-style-type: none"> <li>• FEMMINA DIRITTA PER LAVAGGIO</li> <li>• WEIBUCHE EINSCHRAUB VERSCHRAUBUNG ZUM WASCHEN</li> <li>• WASH CLEANER FEMALE</li> <li>• FEMELLE POUR LAVAGE</li> <li>• HEMBRA PARA LAVADO</li> </ul> | <b>PAG./SEITE</b><br><b>51</b> |

|                                                                                                                                                                                                                                                                                                          |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                       | <b>600300000</b>               |
| <ul style="list-style-type: none"> <li>• MASCHIO METRICO SVASATO 60° - DIN 3853/3863</li> <li>• AGM 60° INNEN KONUS DIN 3853/3863</li> <li>• METRIC MALE 60° CONE SEAT DIN 3853/3863</li> <li>• MALE METRIQUE EVASE 60° - DIN 3853/3863</li> <li>• MACHO MÉTRICO DILATADO 60° - DIN 3853/3863</li> </ul> | <b>PAG./SEITE</b><br><b>52</b> |

|                                                                                                                                                                                                                                                                                                                 |                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                              | <b>600260000</b>               |
| <ul style="list-style-type: none"> <li>• FEMMINA DIRITTA CONO 60° DIN 3863 FILETTO METRICO</li> <li>• DKM 60° KONUS DIN 3863</li> <li>• METRIC FEMALE 60° CONE - DIN 3863</li> <li>• EMBOUT FEMELLE DROIT CONE 60° - DIN 3863 FILET METRIQUE</li> <li>• HEMBRA ROSCA METRICA ASIEN TO 60° - DIN 3863</li> </ul> | <b>PAG./SEITE</b><br><b>53</b> |

|                                                                                                                                                                                                                                                                                                                              |                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                            | <b>600260000A</b>              |
| <ul style="list-style-type: none"> <li>• FEMMINA DIRITTA METRICA CONO 24° / 60° - DIN 3868</li> <li>• DKL 24° / 60° KONUS DIN 3868</li> <li>• METRIC FEMALE 24°/ 60° CONE DIN 3868</li> <li>• EMBOUT FEMELLE DROIT METRIQUE CONE 24° / 60° - DIN 3868</li> <li>• HEMBRA ROSCA METRICA ASIEN TO 24° / 60° DIN 3868</li> </ul> | <b>PAG./SEITE</b><br><b>53</b> |

|                                                                                                                                                                                                                                                                                                                                               |                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                             | <b>600270000</b>               |
| <ul style="list-style-type: none"> <li>• FEMMINA CURVA 90° CONO 60° - DIN 3863 FILETTO METRICO</li> <li>• DKM 90° BOGEN 60° KONUS DIN 3863</li> <li>• 90° METRIC FEMALE SWEPT ELBOW - 60° CONE DIN 3863</li> <li>• EMBOUT FEMELLE 90° CONE 60° - DIN 3863 FILET METRIQUE</li> <li>• HEMBRA 90° ROSCA METRICA ASIEN TO 60° DIN 3863</li> </ul> | <b>PAG./SEITE</b><br><b>54</b> |

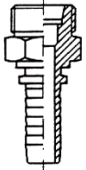
|                                                                                                                                                                                                                                                                                                                                                                     |                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                                  | <b>600270000A</b>              |
| <ul style="list-style-type: none"> <li>• FEMMINA CURVA 90° METRICA CONO 24° / 60° - DIN 3868</li> <li>• DKL 24° / 60° KONUS 90° BOGEN DIN 3868</li> <li>• 90° METRIC FEMALE SWEPT ELBOW 24° / 60° CONE - DIN 3868</li> <li>• EMBOUT FEMELLE 90° CONE 24° / 60° - DIN 3868 FILET METRIQUE</li> <li>• HEMBRA 90° ROSCA METRICA ASIEN TO 24° / 60° DIN 3868</li> </ul> | <b>PAG./SEITE</b><br><b>54</b> |

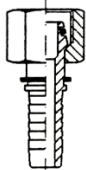
|                                                                                                                                                                                                                                                                                                                                               |                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                           | <b>600280000</b>               |
| <ul style="list-style-type: none"> <li>• FEMMINA CURVA 45° CONO 60° - DIN 3863 FILETTO METRICO</li> <li>• DKM 45° BOGEN 60° KONUS DIN 3863</li> <li>• 45° METRIC FEMALE SWEPT ELBOW 60° CONE - DIN 3863</li> <li>• EMBOUT FEMELLE 45° CONE 60° - DIN 3863 FILET METRIQUE</li> <li>• HEMBRA 45° ROSCA METRICA ASIEN TO 60° DIN 3863</li> </ul> | <b>PAG./SEITE</b><br><b>55</b> |

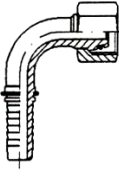
|                                                                                                                                                                                                                                                                                                                                                                           |                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                                       | <b>600280000A</b>              |
| <ul style="list-style-type: none"> <li>• FEMMINA CURVA 45° CONO 24°/ 60° - DIN 3868 FILETTO METRICO</li> <li>• DKL 24° / 60° KONUS 45° BOGEN DIN 3868</li> <li>• 45° METRIC FEMALE SWEPT ELBOW - 24°/ 60° CONE DIN 3868</li> <li>• EMBOUT FEMELLE 45° CONE 24° / 60° - DIN 3863 FILET METRIQUE</li> <li>• HEMBRA 45° ROSCA METRICA ASIEN TO 24° / 60° DIN 3868</li> </ul> | <b>PAG./SEITE</b><br><b>55</b> |

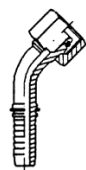
INDICE - INDEX

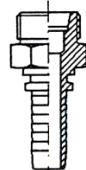


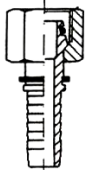
|                                                                                                                                                                                                                                                                                                                                                                                          |                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                                                       | <b>600600000</b>               |
| <ul style="list-style-type: none"> <li>• MASCHIO METRICO SVASATO 24° - DIN 3853/3861 SERIE L DIN 2353</li> <li>• CEL DIN 3853/3861 REIHE L DIN 2353</li> <li>• METRIC MALE 24° CONE SEAT L.T. - DIN 3853/3861 SERIES L DIN 2353</li> <li>• EMBOUT MALE CONE 24° - DIN 3853/3861 SERIE L DIN 2353</li> <li>• MACHO ROSCA METRICA ASIEN TO 24° - DIN 3853/3861 SERIE L DIN 2353</li> </ul> | <b>PAG./SEITE</b><br><b>56</b> |

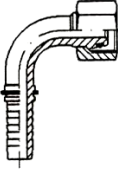
|                                                                                                                                                                                                                                                                                                                                                                                                    |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                                                                 | <b>600620000</b>               |
| <ul style="list-style-type: none"> <li>• FEMMINA DIRITTA METRICA CONO 24° O.R. DIN 3865 SERIE L DIN 2353</li> <li>• DKOL DIN 3865 REIHE L DIN 2353</li> <li>• O-RING METRIC FEMALE 24° CONE L.T. - DIN 3865 SERIES L DIN 2353</li> <li>• EMBOUT FEMELLE DROIT CONE 24° O.R. - DIN 3865 SERIE L DIN 2353</li> <li>• HEMBRA ROSCA METRICA ASIEN TO 24° (O.R.) - DIN 3865 SERIE L DIN 2353</li> </ul> | <b>PAG./SEITE</b><br><b>56</b> |

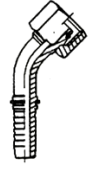
|                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                                                                                               | <b>600630000</b>               |
| <ul style="list-style-type: none"> <li>• FEMMINA CURVA 90° METRICA CONO 24° O.R. - DIN 3865 SERIE L DIN 2353</li> <li>• DKOL 90° BOGEN DIN 3865 REIHE L DIN 2353</li> <li>• 90° O-RING METRIC FEMALE SWEPT ELBOW 24° CONE LT. - DIN 3865 SERIES L DIN 2353</li> <li>• EMBOUT FEMELLE 90° CONE 24° O.R. - DIN 3865 SERIE L DIN 2353</li> <li>• HEMBRA 90° ROSCA METRICA ASIEN TO 24° (O.R.) - DIN 3865 SERIE L DIN 2353</li> </ul> | <b>PAG./SEITE</b><br><b>57</b> |

|                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                                                                                               | <b>600640000</b>               |
| <ul style="list-style-type: none"> <li>• FEMMINA CURVA 45° METRICA CONO 24° O.R. - DIN 3865 SERIE L DIN 2353</li> <li>• DKOL 45° BOGEN DIN 3865 REIHE L DIN 2353</li> <li>• 45° O-RING METRIC FEMALE SWEPT ELBOW 24° CONE L.T. - DIN 3865 SERIES L DIN 2353</li> <li>• EMBOUT FEMELLE 45° CONE 24° O.R. - DIN 3865 SERIE L DIN 2353</li> <li>• HEMBRA 45° ROSCA METRICA ASIEN TO 24° (O.R.) - DIN 3865 SERIE L DIN 2353</li> </ul> | <b>PAG./SEITE</b><br><b>57</b> |

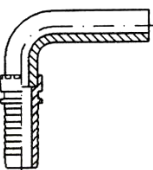
|                                                                                                                                                                                                                                                                                                                                                                                          |                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                                                     | <b>600610000</b>               |
| <ul style="list-style-type: none"> <li>• MASCHIO METRICO SVASATO 24° - DIN 3853/3861 SERIE S DIN 2353</li> <li>• CES DIN 3853/3861 REIHE S DIN 2353</li> <li>• METRIC MALE 24° CONE SEAT H.T. - DIN 3853/3861 SERIES S DIN 2353</li> <li>• EMBOUT MALE CONE 24° - DIN 3853/3861 SERIE S DIN 2353</li> <li>• MACHO ROSCA METRICA ASIEN TO 24° - DIN 3853/3861 SERIE S DIN 2353</li> </ul> | <b>PAG./SEITE</b><br><b>58</b> |

|                                                                                                                                                                                                                                                                                                                                                                                                    |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                                                                 | <b>600650000</b>               |
| <ul style="list-style-type: none"> <li>• FEMMINA DIRITTA METRICA CONO 24° O.R. DIN 3865 SERIE S DIN 2353</li> <li>• DKOS DIN 3865 REIHE S DIN 2353</li> <li>• O-RING METRIC FEMALE 24° CONE H.T. - DIN 3865 SERIES S DIN 2353</li> <li>• EMBOUT FEMELLE DROIT CONE 24° O.R. - DIN 3865 SERIE S DIN 2353</li> <li>• HEMBRA ROSCA METRICA ASIEN TO 24° (O.R.) - DIN 3865 SERIE S DIN 2353</li> </ul> | <b>PAG./SEITE</b><br><b>58</b> |

|                                                                                                                                                                                                                                                                                                                                                                                                                              |                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                                                                                           | <b>600660000</b>               |
| <ul style="list-style-type: none"> <li>• FEMMINA CURVA 90° METRICA CONO 24° O.R. - DIN 3865 SERIE S DIN 2353</li> <li>• DKOS 90° BOGEN DIN 3865 REIHE S DIN 2353</li> <li>• 90° O-RING METRIC FEMALE SWEPT ELBOW 24° CONE H.T. - DIN 3865 SERIES S DIN 2353</li> <li>• EMBOUT FEMELLE 90° CONE 24° O.R. - DIN 3865 SERIES DIN 2353</li> <li>• HEMBRA 90° ROSCA METRICA CONO 24° (O.R.) - DIN 3865 SERIES DIN 2353</li> </ul> | <b>PAG./SEITE</b><br><b>59</b> |

|                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                                                                                                | <b>600670000</b>               |
| <ul style="list-style-type: none"> <li>• FEMMINA CURVA 45° METRICA CONO 24° O.R. - DIN 3865 SERIE S DIN 2353</li> <li>• DKOS 45° BOGEN DIN 3865 REIHE S DIN 2353</li> <li>• 45° O-RING METRIC FEMALE SWEPT ELBOW 24° CONE H.T. - DIN 3865 SERIES S DIN 2353</li> <li>• EMBOUT FEMELLE 45° CONE 24° O.R. - DIN 3865 SERIE S DIN 2353</li> <li>• HEMBRA 45° ROSCA METRICA ASIEN TO 24° (O.R.) - DIN 3865 SERIE S DIN 2353</li> </ul> | <b>PAG./SEITE</b><br><b>59</b> |

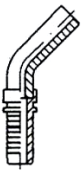
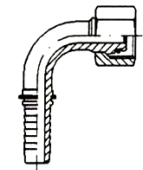
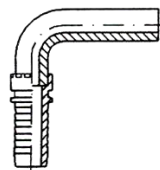
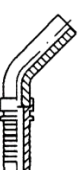
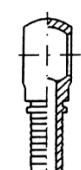
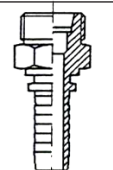
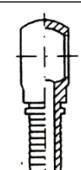
|                                                                                                                                                                                                                                                                           |                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                      | <b>600460000</b>               |
| <ul style="list-style-type: none"> <li>• ESTREMITÀ DIRITTA SERIE LEGGERA DIN 2353</li> <li>• BEL DIN 2353</li> <li>• STRAIGHT METRIC SYAND PIPE L.T. DIN 2353</li> <li>• EMBOUT LISSE DROIT SERIE L - DIN 2353</li> <li>• ESPIGA LISA RECTA SERIE L - DIN 2353</li> </ul> | <b>PAG./SEITE</b><br><b>60</b> |

|                                                                                                                                                                                                                                                                            |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                       | <b>600470000</b>               |
| <ul style="list-style-type: none"> <li>• ESTREMITÀ CURVA 90° SERIE LEGGERA DIN 2353</li> <li>• BEL 90° BOGEN DIN 2353</li> <li>• 90° METRIC STAND PIPE L.T. DIN 2353</li> <li>• EMBOUT LISSE 90° SERIE L DIN 2353</li> <li>• ESPIGA LISA 90° SERIE L - DIN 2353</li> </ul> | <b>PAG./SEITE</b><br><b>60</b> |



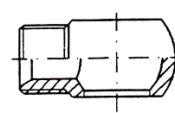
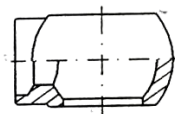
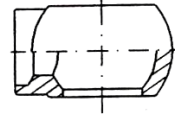
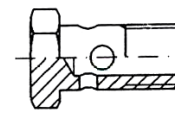
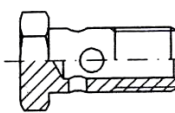
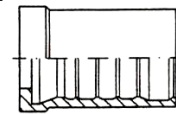
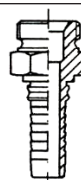
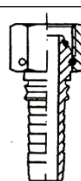
INDICE - INDEX



|                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
|  <p><b>600480000</b></p> <ul style="list-style-type: none"> <li>• ESTREMITÀ CURVA 45° SERIE LEGGERA DIN 2353</li> <li>• BEL 45° BOGEN DIN 2353</li> <li>• 45° METRIC STAND PIPE L.T. DIN 2353</li> <li>• EMBOUT LISSE 45° SERIE L - DIN 2353</li> <li>• ESPIGA LISA 45° SERIE L - DIN 2353</li> </ul>                                          | <p>PAG./SEITE</p> <p><b>61</b></p> |
|  <p><b>600910000</b></p> <ul style="list-style-type: none"> <li>• FEMMINA DIRITTA CONO 24° SERIE FRANCESE (GAZ)</li> <li>• DKF 24° (FR. REIHE GAS)</li> <li>• FRENCH METRIC FEMALE GAZ TYPE</li> <li>• EMBOUT FEMELLE DROIT CONE 24° - O.R. TUBE GAZ</li> <li>• HEMBRA ROSCA METRICA ASIEN TO 24° - O.R. TUBO GAZ</li> </ul>                 | <p>PAG./SEITE</p> <p><b>63</b></p> |
|  <p><b>600460000</b></p> <ul style="list-style-type: none"> <li>• ESTREMITÀ DIRITTA SERIE PESANTE DIN 2353</li> <li>• BES DIN 2353</li> <li>• STRAIGHT METRIC STAND PIPE H.T. DIN 2353</li> <li>• EMBOUT LISSE DROIT SERIE S DIN 2353</li> <li>• ESPIGA LISA RECTA SERIE S DIN 2353</li> </ul>                                                 | <p>PAG./SEITE</p> <p><b>61</b></p> |
|  <p><b>600920000</b></p> <ul style="list-style-type: none"> <li>• FEMMINA CURVA 90° CONO 24° - O.R. SERIE FRANCESE (GAZ)</li> <li>• DKF 90° BOGEN (FR. REIHE GAS)</li> <li>• 90° FRENCH METRIC FEMALE GAZ TYPE</li> <li>• EMBOUT FEMELLE 90° CONE 24° - O.R. TUBE GAZ</li> <li>• HEMBRA 90° ROSCA METRICA CONO 24° - O.R. TUBO GAZ</li> </ul> | <p>PAG./SEITE</p> <p><b>64</b></p> |
|  <p><b>600470000</b></p> <ul style="list-style-type: none"> <li>• ESTREMITÀ CURVA 90° SERIE PESANTE DIN 2353</li> <li>• BES 90° BOGEN DIN 2353</li> <li>• 90° METRIC STAND PIPE L.T. DIN 2353</li> <li>• EMBOUT LISSE 90° SERIE S DIN 2353</li> <li>• ESPIGA LISA 90° SERIE S DIN 2353</li> </ul>                                             | <p>PAG./SEITE</p> <p><b>62</b></p> |
|  <p><b>600520000</b></p> <ul style="list-style-type: none"> <li>• ESTREMITÀ DIRITTA SERIE FRANCESE (GAZ)</li> <li>• ROHGRSTUTZEN (FR. REIHE GAS)</li> <li>• FRENCH METRIC STRAIGHT STAND PIPE GAZ TYPE</li> <li>• EMBOUT LISSE DROIT TUBE GAZ</li> <li>• ESPIGA LISA RECTA SERIE TUBO GAZ</li> </ul>                                        | <p>PAG./SEITE</p> <p><b>64</b></p> |
|  <p><b>600480000</b></p> <ul style="list-style-type: none"> <li>• ESTREMITÀ CURVA 45° SERIE PESANTE DIN 2353</li> <li>• BES 45° BOGEN DIN 2353</li> <li>• 45° METRIC STAND PIPE H.T. DIN 2353</li> <li>• EMBOUT LISSE 45° SERIE S DIN 2353</li> <li>• ESPIGA LISA 45° SERIE S DIN 2353</li> </ul>                                            | <p>PAG./SEITE</p> <p><b>62</b></p> |
|  <p><b>600190000</b></p> <ul style="list-style-type: none"> <li>• ORIENTABILE FILETTO GAS</li> <li>• RINGNIPPEL FÜR BSP HOLSCHRAUBE</li> <li>• BSP BANJO</li> <li>• BANJO A SERTIR BSP</li> <li>• ESFERICO ORIENTABILE GAS</li> </ul>                                                                                                      | <p>PAG./SEITE</p> <p><b>65</b></p> |
|  <p><b>600900000</b></p> <ul style="list-style-type: none"> <li>• MASCHIO METRICO SVASATO 24° SERIE FRANCESE (GAZ)</li> <li>• AGF 24° INNEN KONUS (FR. REIHE GAS)</li> <li>• FRENCH METRIC MALE 24° CONE SEAT GAZ TYPE</li> <li>• EMBOUT MALE CONE 24° TUBE GAZ</li> <li>• MACHO ROSCA METRICA ASIEN TO 24° TUBO GAZ</li> </ul>              | <p>PAG./SEITE</p> <p><b>63</b></p> |
|  <p><b>600290000</b></p> <ul style="list-style-type: none"> <li>• ORIENTABILE FILETTO METRICO</li> <li>• RINGNIPPEL FÜR METRISCH HOLSCHRAUBE</li> <li>• METRIC BANJO</li> <li>• BANJO A SERTIR METRIQUE</li> <li>• ESFERICO ORIENTABILE METRICO</li> </ul>                                                                                 | <p>PAG./SEITE</p> <p><b>65</b></p> |

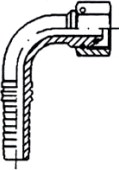
INDICE - INDEX

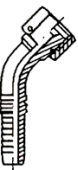


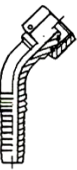
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
|  <p><b>600000500</b></p> <ul style="list-style-type: none"> <li>• ORIENTABILE FILETTATO GAS - METRICO SVASATO 60°</li> <li>• RINGNIPPEL 60° - METRISCH HOLSCHRAUBE</li> <li>• 60° BANJO MALE THREAD BSP - METRIC</li> <li>• BANJO IMPLANTATION GAZ OU METRIQUE</li> <li>• ORIENTABLE ROSCA GAS O METRICA ASIEN TO 60°</li> </ul>                                                           | <p>PAG./SEITE</p> <p><b>66</b></p>                         |
|  <p><b>600000200</b></p> <ul style="list-style-type: none"> <li>• ORIENTABILE CON TASCA A SALDARE FILETTO GAS</li> <li>• ANSCHWEISS RING BSP</li> <li>• WELDING BANJO BSP</li> <li>• BANJO À SOUDER IMPLANTATION GAZ</li> <li>• ORIENTABLE SOLDAR TORNILLO GAS</li> </ul>                                                                                                                  | <p>PAG./SEITE</p> <p><b>66</b></p>                         |
|  <p><b>600000100</b></p> <ul style="list-style-type: none"> <li>• ORIENTABILE CON TASCA A SALDARE FILETTO METRICO</li> <li>• ANSCHWEISS RING METRISCH</li> <li>• WELDING BANJO METRIC</li> <li>• BANJO A SOUDER IMPLANTATION METRIQUE</li> <li>• ORIENTABLE SOLDAR TORNILLO METRICO</li> </ul>                                                                                           | <p>PAG./SEITE</p> <p><b>66</b></p>                         |
|  <p><b>600001200</b></p> <ul style="list-style-type: none"> <li>• BULLONE CAVO FILETTO METRICO</li> <li>• HOLSCHRAUBE METRISCH FÜR RINGNIPPEL</li> <li>• METRIC BOLT FOR BANJO</li> <li>• VIS CREUSE METRIQUE</li> <li>• TORNILLO SIMPLE ROSCA METRICA</li> </ul>                                                                                                                        | <p>PAG./SEITE</p> <p><b>67</b></p>                         |
|  <p><b>600001300</b></p> <ul style="list-style-type: none"> <li>• BULLONE CAVO FILETTO GAS</li> <li>• HOLSCHRAUBE BSP FUR RINGNIPPEL</li> <li>• BSP BOLT FOR BANJO</li> <li>• VIS CREUSE GAZ</li> <li>• TORNILLO SIMPLE ROSCA GAS</li> </ul>                                                                                                                                             | <p>PAG./SEITE</p> <p><b>67</b></p>                         |
| <p><b>INTERLOCK</b></p> <p>RACCORDI A PRESSARE PER TUBO EN 856 - 4SH - SAE 100 R13-R15 PELATURA INTERNA/ESTERNA</p> <p>PRESSNIPPEL FÜR EN 856 - 4SH - SAE 100 R13-R15 INNEN UND AUSSENSCHALUNG</p> <p>CRIMP FITTINGS FOR EN 856 - 4SH - SAE 100 R13-R15 SKIVING INSIDE/OUTSIDE</p> <p>EMBOUT A SERTIR POUR FLEXIBLE EN 856 - 4SH - SAE 100 R13-R15 DENUDAGE INTERIEUR/EXTERIEUR</p> <p>RACOR PARA PRENSAR PARA TUBO EN 856 - 4SH - SAE 100 R13-R15 PELADO INTERNO/ESTERNO</p> | <p><b>600491600</b></p> <p>PAG./SEITE</p> <p><b>69</b></p> |
| <p><b>INTERLOCK</b></p>  <p><b>600491700</b></p> <ul style="list-style-type: none"> <li>• BOCCOLA PER TUBO EN 856 - 4SH</li> <li>• PRESSFASSUNG FÜR EN 856 - 4SH</li> <li>• DOUBLE SKIVE FERRULE FOR EN 856 - 4SH HOSE</li> <li>• JUPE A SERTIR POUR TUYAU 4SH - EN 856</li> <li>• CASQUILLO PARA TUBO EN 856 - 4SH</li> </ul>                                                           | <p>PAG./SEITE</p> <p><b>69</b></p>                         |
| <p><b>INTERLOCK</b></p>  <p><b>600680000</b></p> <ul style="list-style-type: none"> <li>• MASCHIO GAS CILINDRICO SVASATO 60°</li> <li>• AGR 60° INNEN KONUS (BSP GEWINDE)</li> <li>• BSP MALE PARALLEL 60° CONE SEAT</li> <li>• EMBOUT MALE BSP 60°</li> <li>• MACHO GAS CILINDRICO ASIEN TO 60°</li> </ul>                                                                              | <p>PAG./SEITE</p> <p><b>70</b></p>                         |
| <p><b>INTERLOCK</b></p>  <p><b>600740000</b></p> <ul style="list-style-type: none"> <li>• FEMMINA DIRITTA O.R. CONO 60° FILETTO GAS</li> <li>• DKOR 60° KONUS MIT O-RING (BSP GEWINDE)</li> <li>• BSP O-RING FEMALE 60° CONE</li> <li>• EMBOUT FEMELLE DROIT BSP 60° - O.R.</li> <li>• HEMBRA ROSCA GAS ASIEN TO 60° - O.R.</li> </ul>                                                   | <p>PAG./SEITE</p> <p><b>70</b></p>                         |

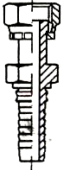
INDICE - INDEX

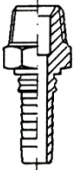


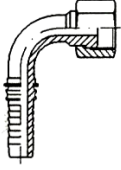
|                                                                                                                                                                                                                                                                                                    |                                                                                   |                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------|
| INTERLOCK                                                                                                                                                                                                                                                                                          |  | 600750000               |
| <ul style="list-style-type: none"> <li>FEMMINA CURVA 90° O.R. CONO 60° FILETTO GAS</li> <li>DKOR 90° BOGEN 60° KONUS MIT O-RING (BSP GEWINDE)</li> <li>90° BSP O-RING FEMALE ELBOW 60° CONE</li> <li>EMBOUT FEMELLE 90° BSP 60°- O.R.</li> <li>HEMBRA 90° ROSCA GAS ASIEN TO 60° - O.R.</li> </ul> |                                                                                   | PAG./SEITE<br><b>71</b> |

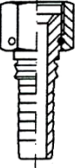
|                                                                                                                                                                                                                                                                                                                                                |                                                                                     |                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------|
| INTERLOCK                                                                                                                                                                                                                                                                                                                                      |  | 600790000               |
| <ul style="list-style-type: none"> <li>FEMMINA CURVA 45° JIC - SVASATA 74° FILETTO UNF - SAE J514</li> <li>DKJ 45° BOGEN 74° DICHTKOPF (UNF GEWINDE NACH SAE J514)</li> <li>45° JIC FEMALE SWEPT ELBOW 74° CONE SEAT SAE J 514</li> <li>EMBOUT FEMELLE 45° JIC 74° SAE J514</li> <li>HEMBRA 45° ROSCA UNF ASIEN TO JIC 74° SAE J514</li> </ul> |                                                                                     | PAG./SEITE<br><b>73</b> |

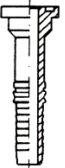
|                                                                                                                                                                                                                                                                                                       |                                                                                   |                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------|
| INTERLOCK                                                                                                                                                                                                                                                                                             |  | 600760000               |
| <ul style="list-style-type: none"> <li>FEMMINA CURVA 45° O.R. CONO 60° - FILETTO GAS</li> <li>DKOR 45° BOGEN 60° KONUS MIT O-RING (BSP GEWINDE)</li> <li>45° BSP O-RING FEMALE ELBOW 60° CONE</li> <li>EMBOUT FEMELLE 45° BSP 60° - O.R.</li> <li>HEMBRA 45° ROSCA GAS ASIEN TO 60° - O.R.</li> </ul> |                                                                                   | PAG./SEITE<br><b>71</b> |

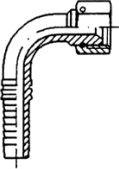
|                                                                                                                                                                                                                           |                                                                                     |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------|
| INTERLOCK                                                                                                                                                                                                                 |  | 600860000               |
| <ul style="list-style-type: none"> <li>FEMMINA ORFS SAE J 1453</li> <li>DK ORFS - UNF GEWINDE NACH SAE J 1453</li> <li>ORFS FEMALE SAE J 1453</li> <li>ORFS FEMELLE SAE J 1453</li> <li>ORFS HEMBRA SAE J 1453</li> </ul> |                                                                                     | PAG./SEITE<br><b>74</b> |

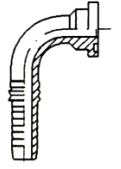
|                                                                                                                                                                                                                                                                                       |                                                                                    |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------|
| INTERLOCK                                                                                                                                                                                                                                                                             |  | 600690000               |
| <ul style="list-style-type: none"> <li>MASCHIO NPTF SVASATO 60° SAE J 516</li> <li>AGN 60° INNEN KONUS (NPTF - GEWINDE NACH SAE J 516)</li> <li>NPTF MALE 60° CONE SEAT SAE J 516</li> <li>EMBOUT MALE NPTF EVASE 60° SAE J 516</li> <li>MACHO NPTF ASIEN TO 60° SAE J 516</li> </ul> |                                                                                    | PAG./SEITE<br><b>72</b> |

|                                                                                                                                                                                                                                                           |                                                                                      |                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------|
| INTERLOCK                                                                                                                                                                                                                                                 |  | 600870000               |
| <ul style="list-style-type: none"> <li>FEMMINA CURVA 90° ORFS SAE J 1453</li> <li>DK 90° BOGEN ORFS - UNF GEWINDE NACH SAE J 1453</li> <li>90° ORFS FEMALE SAE J 1453</li> <li>ORFS FEMELLE 90° SAE J 1453</li> <li>CODO HEMBRA 90° SAE J 1453</li> </ul> |                                                                                      | PAG./SEITE<br><b>74</b> |

|                                                                                                                                                                                                                                                                                                                        |                                                                                     |                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------|
| INTERLOCK                                                                                                                                                                                                                                                                                                              |  | 600770000               |
| <ul style="list-style-type: none"> <li>FEMMINA DIRITTA JIC SVASATA 74° - SAE J 514 FILETTO UNF</li> <li>DKJ 74° DICHTKOPF (UNF - GEWINDE NACH SAE J 514)</li> <li>JIC FEMALE 74° CONE SEAT - SAE J 514</li> <li>EMBOUT FEMELLE JIC 74° DROIT SAE J 514</li> <li>HEMBRA ROSCA UNF ASIEN TO JIC 74° SAE J 514</li> </ul> |                                                                                     | PAG./SEITE<br><b>72</b> |

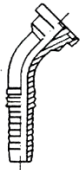
|                                                                                                                                                                                                                                                                    |                                                                                       |                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------|
| INTERLOCK                                                                                                                                                                                                                                                          |  | 600800000               |
| <ul style="list-style-type: none"> <li>FLANGIA DIRITTA 3000 PSI SAE J518</li> <li>SAE J518 FLANSCHANSCHLUSS 3000 PSI/SFL</li> <li>SAE J518 STRAIGHT - FLANGE 3000 PSI</li> <li>EMBOUT A BRIDE SAE 3000 PSI DROIT</li> <li>BRIDA RECTA 3000 PSI SAE J518</li> </ul> |                                                                                       | PAG./SEITE<br><b>75</b> |

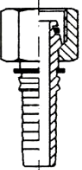
|                                                                                                                                                                                                                                                                                                                                                   |                                                                                     |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------|
| INTERLOCK                                                                                                                                                                                                                                                                                                                                         |  | 600780000               |
| <ul style="list-style-type: none"> <li>FEMMINA CURVA 90° JIC - SVASATA 74° FILETTO UNF - SAE J 514</li> <li>DKJ 90° BOGEN 74° DICHTKOPF (UNF GEWINDE NACH SAE J514)</li> <li>90° JIC FEMALE SWEPT ELBOW 74° CONE SEAT SAE J 514</li> <li>EMBOUT FEMELLE 90° JIC 74° SAE J 514</li> <li>HEMBRA 90° ROSCA UNF ASIEN TO JIC 74° SAE J 514</li> </ul> |                                                                                     | PAG./SEITE<br><b>73</b> |

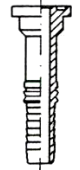
|                                                                                                                                                                                                                                                                    |                                                                                       |                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------|
| INTERLOCK                                                                                                                                                                                                                                                          |  | 600810000               |
| <ul style="list-style-type: none"> <li>FLANGIA CURVA 90° 3000 PSI SAE J518</li> <li>90° SAE J518 FLANSCHANSCHLUSS 3000 PSI/SFL</li> <li>90° SAE J518 FLANGE 3000 PSI</li> <li>EMBOUT A BRIDE SAE J518 90° 3000 PSI</li> <li>BRIDA 90° 3000 PSI SAE J518</li> </ul> |                                                                                       | PAG./SEITE<br><b>75</b> |

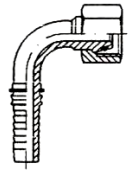
INDICE - INDEX

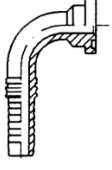


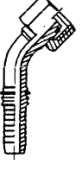
|                                                                                                                                                                                                                                                                    |                                                                                     |                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------|
| INTERLOCK                                                                                                                                                                                                                                                          |  | 600820000               |
| <ul style="list-style-type: none"> <li>FLANGIA CURVA 45° 3000 PSI SAE J518</li> <li>45° SAE J518 FLANSCHANSCHLUSS 3000 PSI/SFL</li> <li>45° SAE J518 FLANGE 3000 PSI</li> <li>EMBOUT A BRIDE SAE J518 45° 3000 PSI</li> <li>BRIDA 45° 3000 PSI SAE J518</li> </ul> |                                                                                     | PAG./SEITE<br><b>75</b> |

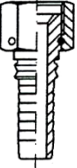
|                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                     |                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------|
| INTERLOCK                                                                                                                                                                                                                                                                                                                                                                           |  | 600710000               |
| <ul style="list-style-type: none"> <li>FEMMINA DIRITTA METRICA CONO 24° O.R. - DIN 3865 SERIE S DIN 2353</li> <li>DKOS - DIN 3865 REIHE S DIN 2353</li> <li>O-RING METRIC FEMALE 24° CONE HT - DIN 3865 SERIES S DIN 2353</li> <li>EMBOUT FEMELLE METRIQUE 24° - O.R. - DIN 3865 SERE S DIN 2353</li> <li>HEMBRA ROSCA METRICA CONO 24° O.R. - DIN 3865 SERIE S DIN 2353</li> </ul> |                                                                                     | PAG./SEITE<br><b>77</b> |

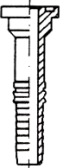
|                                                                                                                                                                                                                                                                         |                                                                                     |                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------|
| INTERLOCK                                                                                                                                                                                                                                                               |  | 600830000               |
| <ul style="list-style-type: none"> <li>FLANGIA DIRITTA 6000 PSI SAE J518</li> <li>SAE J518 FLANSCHANSCHLUSS 6000 PSI/SFS</li> <li>SAE J518 STRAIGHT - FLANGE 6000 PSI</li> <li>EMBOUT A BRIDE SAE J518 6000 PSI DROIT</li> <li>BRIDA RECTA 6000 PSI SAE J518</li> </ul> |                                                                                     | PAG./SEITE<br><b>76</b> |

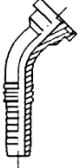
|                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                     |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------|
| INTERLOCK                                                                                                                                                                                                                                                                                                                                                                                               |  | 600720000               |
| <ul style="list-style-type: none"> <li>FEMMINA CURVA 90° METRICA CONO 24° O.R. - DIN 3865 SERIE S DIN 2353</li> <li>DKOS 90° BOGEN DIN 3865 REIHE S DIN 2353</li> <li>90° O-RING METRIC FEMALE ELBOW 24° CONE H.T. DIN 3865 SERIES S DIN 2353</li> <li>EMBOUT FEMELLE METRIQUE 24° O.R. DIN 3865 SERIES DIN 2353</li> <li>HEMBRA 90° ROSCA METRICA CONO 24° O.R. - DIN 3865 SERIE S DIN 2353</li> </ul> |                                                                                     | PAG./SEITE<br><b>78</b> |

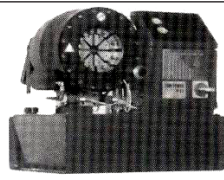
|                                                                                                                                                                                                                                                                    |                                                                                      |                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------|
| INTERLOCK                                                                                                                                                                                                                                                          |  | 600840000               |
| <ul style="list-style-type: none"> <li>FLANGIA CURVA 90° 6000 PSI SAE J518</li> <li>90° SAE J518 FLANSCHANSCHLUSS 6000 PSI/SFS</li> <li>90° SAE J518 FLANGE 6000 PSI</li> <li>EMBOUT A BRIDE SAE J518 90° 6000 PSI</li> <li>BRIDA 90° 6000 PSI SAE J518</li> </ul> |                                                                                      | PAG./SEITE<br><b>76</b> |

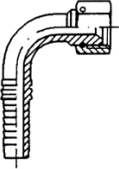
|                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                      |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------|
| INTERLOCK                                                                                                                                                                                                                                                                                                                                                                                                     |  | 600730000               |
| <ul style="list-style-type: none"> <li>FEMMINA CURVA 45° METRICA CONO 24° O.R. - DIN 3865 SERIE S DIN 2353</li> <li>DKOS 45° BOGEN DIN 3865 REIHE S DIN 2353</li> <li>45° O-RING METRIC FEMALE ELBOW 24° CONE H.T. - DIN 3865 SERIES S DIN 2353</li> <li>EMBOUT 45° FEMELLE METRIQUE 24° O.R. DIN 3865 SERIE S DIN 2353</li> <li>HEMBRA 45° ROSCA METRIA CONO 24° O.R. - DIN 3865 SERIE S DIN 2353</li> </ul> |                                                                                      | PAG./SEITE<br><b>78</b> |

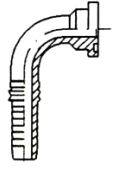
|                                                                                                                                                                                                                                                                                                                        |                                                                                     |                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------|
| INTERLOCK                                                                                                                                                                                                                                                                                                              |  | 600770000               |
| <ul style="list-style-type: none"> <li>FEMMINA DIRITTA JIC SVASATA 74° - SAE J 514 FILETTO UNF</li> <li>DKJ 74° DICHTKOPF (UNF - GEWINDE NACH SAE J 514)</li> <li>JIC FEMALE 74° CONE SEAT - SAE J 514</li> <li>EMBOUT FEMELLE JIC 74° DROIT SAE J 514</li> <li>HEMBRA ROSCA UNF ASIEN TO JIC 74° SAE J 514</li> </ul> |                                                                                     | PAG./SEITE<br><b>72</b> |

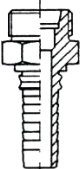
|                                                                                                                                                                                                                                                                    |                                                                                       |                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------|
| INTERLOCK                                                                                                                                                                                                                                                          |  | 600800000               |
| <ul style="list-style-type: none"> <li>FLANGIA DIRITTA 3000 PSI SAE J518</li> <li>SAE J518 FLANSCHANSCHLUSS 3000 PSI/SFL</li> <li>SAE J518 STRAIGHT - FLANGE 3000 PSI</li> <li>EMBOUT A BRIDE SAE 3000 PSI DROIT</li> <li>BRIDA RECTA 3000 PSI SAE J518</li> </ul> |                                                                                       | PAG./SEITE<br><b>75</b> |

|                                                                                                                                                                                                                                                                    |                                                                                       |                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------|
| INTERLOCK                                                                                                                                                                                                                                                          |  | 600850000               |
| <ul style="list-style-type: none"> <li>FLANGIA CURVA 45° 6000 PSI SAE J518</li> <li>45° SAE J518 FLANSCHANSCHLUSS 6000 PSI/SFS</li> <li>45° SAE J518 FLANGE 6000 PSI</li> <li>EMBOUT A BRIDE SAE J518 45° 6000 PSI</li> <li>BRIDA 45° 6000 PSI SAE J518</li> </ul> |                                                                                       | PAG./SEITE<br><b>76</b> |

|                                                                                                                                                                                                      |  |                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------|
|                                                                                                                 |  |                         |
| <ul style="list-style-type: none"> <li>MACCHINE ASSEMBLAGGIO</li> <li>MASCHINEN FÜR DIE MONTAGE</li> <li>ASSEMBLY MACHINES</li> <li>MACHINES POUR LE MONTAGE</li> <li>MAQUINAS DE MONTAJE</li> </ul> |  | PAG./SEITE<br><b>79</b> |

|                                                                                                                                                                                                                                                                                                                                                   |                                                                                     |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------|
| INTERLOCK                                                                                                                                                                                                                                                                                                                                         |  | 600780000               |
| <ul style="list-style-type: none"> <li>FEMMINA CURVA 90° JIC - SVASATA 74° FILETTO UNF - SAE J 514</li> <li>DKJ 90° BOGEN 74° DICHTKOPF (UNF GEWINDE NACH SAE J514)</li> <li>90° JIC FEMALE SWEPT ELBOW 74° CONE SEAT SAE J 514</li> <li>EMBOUT FEMELLE 90° JIC 74° SAE J 514</li> <li>HEMBRA 90° ROSCA UNF ASIEN TO JIC 74° SAE J 514</li> </ul> |                                                                                     | PAG./SEITE<br><b>73</b> |

|                                                                                                                                                                                                                                                                    |                                                                                       |                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------|
| INTERLOCK                                                                                                                                                                                                                                                          |  | 600810000               |
| <ul style="list-style-type: none"> <li>FLANGIA CURVA 90° 3000 PSI SAE J518</li> <li>90° SAE J518 FLANSCHANSCHLUSS 3000 PSI/SFL</li> <li>90° SAE J518 FLANGE 3000 PSI</li> <li>EMBOUT A BRIDE SAE J518 90° 3000 PSI</li> <li>BRIDA 90° 3000 PSI SAE J518</li> </ul> |                                                                                       | PAG./SEITE<br><b>75</b> |

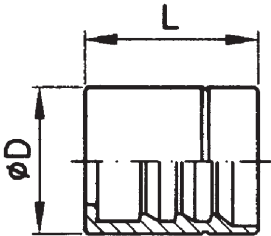
|                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                       |                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------|
| INTERLOCK                                                                                                                                                                                                                                                                                                                                                                          |  | 600700000               |
| <ul style="list-style-type: none"> <li>MASCHIO METRICO SVASATO 24° - DIN 3853/3861 SERIE S DIN 2353</li> <li>CES DIN 3853/3861 REIHE S DIN 2353</li> <li>METRIC MALE 24° CONE SEAT H.T. - DIN 3853/3861 SERIES S DIN 2353</li> <li>EMBOUT MALE METRIQUE 24° - DIN 3853/3861 SERIE S DIN 2353</li> <li>MACHO ROSCA METRICA ASIEN TO 24° - DIN 3853/3861 SERIE S DIN 2353</li> </ul> |                                                                                       | PAG./SEITE<br><b>77</b> |

|  |  |            |
|--|--|------------|
|  |  |            |
|  |  | PAG./SEITE |

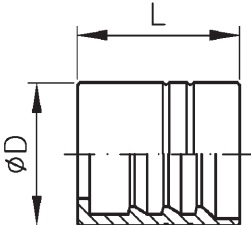


BOCCOLE / FERRULE



| BOCCOLA PER TUBO<br>SAE 100 R1A<br>EN 853-1ST                                     |  | PRESSHÜLSE FÜR<br>SAE 100 R1A<br>EN 853-1ST SCHLAUCH |  | SKIVE FERRULE FOR<br>SAE 100 R1A<br>EN 853-1ST HOSE     |        | JUPE A SERTIR POUR<br>TUYAU SAE 100 R1A<br>EN 853-1ST |    | CASQUILLO PARA<br>TUBO SAE 100 R1A<br>EN 853-1ST |   |  |  |  |  |  |  |  |  |  |
|-----------------------------------------------------------------------------------|--|------------------------------------------------------|--|---------------------------------------------------------|--------|-------------------------------------------------------|----|--------------------------------------------------|---|--|--|--|--|--|--|--|--|--|
|  |  |                                                      |  | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO |        | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo      |    | Ø D                                              | L |  |  |  |  |  |  |  |  |  |
|                                                                                   |  |                                                      |  |                                                         |        | Pollici (1)                                           | mm |                                                  |   |  |  |  |  |  |  |  |  |  |
|                                                                                   |  |                                                      |  | 600490104                                               | 1/4    | 6                                                     | 20 | 30                                               |   |  |  |  |  |  |  |  |  |  |
|                                                                                   |  |                                                      |  | 600490105                                               | 5/16   | 8                                                     | 22 | 31                                               |   |  |  |  |  |  |  |  |  |  |
|                                                                                   |  |                                                      |  | 600490106                                               | 3/8    | 10                                                    | 24 | 32                                               |   |  |  |  |  |  |  |  |  |  |
|                                                                                   |  |                                                      |  | 600490108                                               | 1/2    | 13                                                    | 29 | 34                                               |   |  |  |  |  |  |  |  |  |  |
|                                                                                   |  |                                                      |  | 600490110                                               | 5/8    | 16                                                    | 32 | 37                                               |   |  |  |  |  |  |  |  |  |  |
|                                                                                   |  |                                                      |  | 600490112                                               | 3/4    | 19                                                    | 36 | 43                                               |   |  |  |  |  |  |  |  |  |  |
|                                                                                   |  |                                                      |  | 600490116                                               | 1"     | 25                                                    | 43 | 51                                               |   |  |  |  |  |  |  |  |  |  |
|                                                                                   |  |                                                      |  | 600490120                                               | 1" 1/4 | 32                                                    | 50 | 59                                               |   |  |  |  |  |  |  |  |  |  |
|                                                                                   |  |                                                      |  | 600490124                                               | 1" 1/2 | 38                                                    | 57 | 63                                               |   |  |  |  |  |  |  |  |  |  |
|                                                                                   |  |                                                      |  | 600490132                                               | 2"     | 50                                                    | 70 | 78                                               |   |  |  |  |  |  |  |  |  |  |
|                                                                                   |  |                                                      |  |                                                         |        |                                                       |    |                                                  |   |  |  |  |  |  |  |  |  |  |
|                                                                                   |  |                                                      |  |                                                         |        |                                                       |    |                                                  |   |  |  |  |  |  |  |  |  |  |
|                                                                                   |  |                                                      |  |                                                         |        |                                                       |    |                                                  |   |  |  |  |  |  |  |  |  |  |
|                                                                                   |  |                                                      |  |                                                         |        |                                                       |    |                                                  |   |  |  |  |  |  |  |  |  |  |
|                                                                                   |  |                                                      |  |                                                         |        |                                                       |    |                                                  |   |  |  |  |  |  |  |  |  |  |
|                                                                                   |  |                                                      |  |                                                         |        |                                                       |    |                                                  |   |  |  |  |  |  |  |  |  |  |
|                                                                                   |  |                                                      |  |                                                         |        |                                                       |    |                                                  |   |  |  |  |  |  |  |  |  |  |
|                                                                                   |  |                                                      |  |                                                         |        |                                                       |    |                                                  |   |  |  |  |  |  |  |  |  |  |

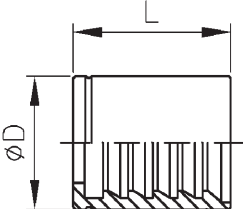
(1) Zoll - Inches - Pouces - Pulgadas

| BOCCOLA PER TUBO<br>SAE 100 R2A - R9<br>EN 853-2ST                                  |  | PRESSHÜLSE FÜR<br>SAE 100 R2A - R9<br>EN 853-2ST SCHLAUCH |                                                  | SKIVE FERRULE FOR<br>SAE 100 R2A - R9<br>EN 853-2ST HOSE |     | JUPE A SERTIR POUR<br>TUYAU SAE 100 R2A - R9<br>EN 853-2ST |  | CASQUILLO PARA<br>TUBO SAE 100 R2A - R9<br>EN 853-2ST |  |  |  |  |
|-------------------------------------------------------------------------------------|--|-----------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------|-----|------------------------------------------------------------|--|-------------------------------------------------------|--|--|--|--|
|  |  | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO   | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo |                                                          | Ø D | L                                                          |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           | Pollici (1)                                      | mm                                                       |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  | 600490204                                                 | 1/4                                              | 6                                                        | 21  | 30                                                         |  |                                                       |  |  |  |  |
|                                                                                     |  | 600490205                                                 | 5/16                                             | 8                                                        | 24  | 31                                                         |  |                                                       |  |  |  |  |
|                                                                                     |  | 600490206                                                 | 3/8                                              | 10                                                       | 26  | 32                                                         |  |                                                       |  |  |  |  |
|                                                                                     |  | 600490208                                                 | 1/2                                              | 13                                                       | 30  | 34                                                         |  |                                                       |  |  |  |  |
|                                                                                     |  | 600490210                                                 | 5/8                                              | 16                                                       | 34  | 37                                                         |  |                                                       |  |  |  |  |
|                                                                                     |  | 600490212                                                 | 3/4                                              | 19                                                       | 38  | 43                                                         |  |                                                       |  |  |  |  |
|                                                                                     |  | 600490216                                                 | 1"                                               | 25                                                       | 46  | 51                                                         |  |                                                       |  |  |  |  |
|                                                                                     |  | 600490220                                                 | 1" 1/4                                           | 32                                                       | 56  | 59                                                         |  |                                                       |  |  |  |  |
|                                                                                     |  | 600490224                                                 | 1" 1/2                                           | 38                                                       | 62  | 63                                                         |  |                                                       |  |  |  |  |
|                                                                                     |  | 600490232                                                 | 2"                                               | 50                                                       | 75  | 78                                                         |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |
|                                                                                     |  |                                                           |                                                  |                                                          |     |                                                            |  |                                                       |  |  |  |  |

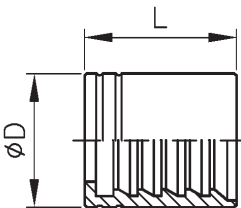
(1) Zoll - Inches - Pouces - Pulgadas

BOCCOLE / FERRULE

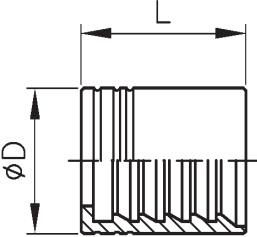


| BOCCOLA PER TUBO<br>SAE 100 R1AT<br>EN 853 - 1SN                                    |  | PRESSHÜLSE FÜR<br>SAE 100 R1AT<br>EN 853 - 1SN SCHLAUCH |  | NO-SKIVE FERRULE<br>FOR SAE 100 R1AT<br>EN 853 - 1SN HOSE |                                                  | JUPE A SERTIR<br>POUR TUYAU SAE 100 R1AT<br>EN 853 - 1SN |     | CASQUILLO PARA<br>TUBO SAE 100 R1AT<br>EN 853 - 1SN |  |  |  |  |  |
|-------------------------------------------------------------------------------------|--|---------------------------------------------------------|--|-----------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------|-----|-----------------------------------------------------|--|--|--|--|--|
|  |  |                                                         |  | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO   | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo |                                                          | Ø D | L                                                   |  |  |  |  |  |
|                                                                                     |  |                                                         |  |                                                           | Pollici (1)                                      | mm                                                       |     |                                                     |  |  |  |  |  |
|                                                                                     |  |                                                         |  | 600491104                                                 | 1/4                                              | 6                                                        | 20  | 30,5                                                |  |  |  |  |  |
|                                                                                     |  |                                                         |  | 600491105                                                 | 5/16                                             | 8                                                        | 21  | 31                                                  |  |  |  |  |  |
|                                                                                     |  |                                                         |  | 600491106                                                 | 3/8                                              | 10                                                       | 24  | 31,5                                                |  |  |  |  |  |
|                                                                                     |  |                                                         |  | 600491116                                                 | 1"                                               | 25                                                       | 43  | 51                                                  |  |  |  |  |  |
|                                                                                     |  |                                                         |  |                                                           |                                                  |                                                          |     |                                                     |  |  |  |  |  |
|                                                                                     |  |                                                         |  |                                                           |                                                  |                                                          |     |                                                     |  |  |  |  |  |
|                                                                                     |  |                                                         |  |                                                           |                                                  |                                                          |     |                                                     |  |  |  |  |  |
|                                                                                     |  |                                                         |  |                                                           |                                                  |                                                          |     |                                                     |  |  |  |  |  |
|                                                                                     |  |                                                         |  |                                                           |                                                  |                                                          |     |                                                     |  |  |  |  |  |

(1) Zoll - Inches - Pouces - Pulgadas

| BOCCOLA PER TUBO<br>SAE 100 R2AT<br>EN 853 - 2SN                                      | PRESSHÜLSE FÜR<br>SAE 100 R2AT<br>EN 853 - 2SN SCHLAUCH | NO-SKIVE FERRULE<br>FOR SAE 100 R2AT<br>EN 853 - 2SN HOSE | JUPE A SERTIR<br>POUR TUYAU SAE 100 R2AT<br>EN 853 - 2SN | CASQUILLO PARA<br>TUBO SAE 100 R2AT<br>EN 853 - 2SN |      |      |  |  |  |  |  |  |  |
|---------------------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------|------|------|--|--|--|--|--|--|--|
|  |                                                         | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO   | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo         |                                                     | Ø D  | L    |  |  |  |  |  |  |  |
|                                                                                       |                                                         |                                                           | Pollici (1)                                              | mm                                                  |      |      |  |  |  |  |  |  |  |
|                                                                                       |                                                         | 600491204                                                 | 1/4                                                      | 6                                                   | 21   | 30,5 |  |  |  |  |  |  |  |
|                                                                                       |                                                         | 600491205                                                 | 5/16                                                     | 8                                                   | 24   | 31   |  |  |  |  |  |  |  |
|                                                                                       |                                                         | 600491206                                                 | 3/8                                                      | 10                                                  | 25,5 | 32   |  |  |  |  |  |  |  |
|                                                                                       |                                                         | 600491216                                                 | 1"                                                       | 25                                                  | 46   | 50   |  |  |  |  |  |  |  |
|                                                                                       |                                                         |                                                           |                                                          |                                                     |      |      |  |  |  |  |  |  |  |
|                                                                                       |                                                         |                                                           |                                                          |                                                     |      |      |  |  |  |  |  |  |  |
|                                                                                       |                                                         |                                                           |                                                          |                                                     |      |      |  |  |  |  |  |  |  |
|                                                                                       |                                                         |                                                           |                                                          |                                                     |      |      |  |  |  |  |  |  |  |

(1) Zoll - Inches - Pouces - Pulgadas

| BOCCOLA PER TUBO<br>SAE 100 R1AT - R2AT<br>EN 853 - 1SN - EN 353 - 2SN                |  | PRESSHÜLSE FÜR<br>SAE 100 R1AT - R2AT<br>EN 853 - 1SN - EN 853 - 2SN<br>SCHLAUCH |                                                  | NO-SKIVE FERRULE<br>FOR SAE 100 R1AT - R2AT<br>EN 853 - 1SN - EN 853 - 2SN<br>HOSE |     | JUPE A SERTIR POUR TUYAU<br>SAE 100 R1AT - R2AT<br>EN 853 - 1SN - EN 853 - 2SN |  | CASQUILLO PARA<br>TUBO SAE 100 R1AT - R2AT<br>EN 853 - 1SN - EN 853 - 2SN |  |  |  |  |
|---------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------------------|--|---------------------------------------------------------------------------|--|--|--|--|
|  |  | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO                          | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo |                                                                                    | Ø D | L                                                                              |  |                                                                           |  |  |  |  |
|                                                                                       |  |                                                                                  | Pollici (1)                                      | mm                                                                                 |     |                                                                                |  |                                                                           |  |  |  |  |
|                                                                                       |  | 600490008                                                                        | 1/2                                              | 13                                                                                 | 29  | 34                                                                             |  |                                                                           |  |  |  |  |
|                                                                                       |  | 600490010                                                                        | 5/8                                              | 16                                                                                 | 32  | 37                                                                             |  |                                                                           |  |  |  |  |
|                                                                                       |  | 600490012                                                                        | 3/4                                              | 19                                                                                 | 36  | 42,5                                                                           |  |                                                                           |  |  |  |  |
|                                                                                       |  |                                                                                  |                                                  |                                                                                    |     |                                                                                |  |                                                                           |  |  |  |  |
|                                                                                       |  |                                                                                  |                                                  |                                                                                    |     |                                                                                |  |                                                                           |  |  |  |  |

(1) Zoll - Inches - Pouces - Pulgadas

BOCCOLE / FERRULE



| BOCCOLA PER TUBO<br>SAE 100 R9R<br>EN 856 - 4SP |  | PRESSHÜLSE FÜR<br>SAE 100 R9R<br>EN 856 - 4SP SCHLAUCH  |                                                  | SKIVE FERRULE FOR<br>SAE 100 R9R<br>EN 856 - 4SP HOSE |     | JUPE A SERTIR POUR<br>TUYAU SAE 100 R9R<br>EN 856 - 4SP |    | CASQUILLO PARA TUBO<br>SAE 100 R9R<br>EN 856 - 4SP |  |  |  |
|-------------------------------------------------|--|---------------------------------------------------------|--------------------------------------------------|-------------------------------------------------------|-----|---------------------------------------------------------|----|----------------------------------------------------|--|--|--|
|                                                 |  | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo |                                                       | Ø D | L                                                       |    |                                                    |  |  |  |
|                                                 |  |                                                         | Pollici (1)                                      | mm                                                    |     |                                                         |    |                                                    |  |  |  |
|                                                 |  |                                                         | 600490912                                        | 3/4                                                   | 19  | 38                                                      | 55 |                                                    |  |  |  |
|                                                 |  |                                                         | 600490916                                        | 1"                                                    | 25  | 46                                                      | 60 |                                                    |  |  |  |
|                                                 |  |                                                         |                                                  |                                                       |     |                                                         |    |                                                    |  |  |  |
|                                                 |  |                                                         |                                                  |                                                       |     |                                                         |    |                                                    |  |  |  |
|                                                 |  |                                                         |                                                  |                                                       |     |                                                         |    |                                                    |  |  |  |
|                                                 |  |                                                         |                                                  |                                                       |     |                                                         |    |                                                    |  |  |  |
|                                                 |  |                                                         |                                                  |                                                       |     |                                                         |    |                                                    |  |  |  |
|                                                 |  |                                                         |                                                  |                                                       |     |                                                         |    |                                                    |  |  |  |

(1) Zoll - Inches - Pouces - Pulgadas

| BOCCOLA PER TUBO<br>EN 856 - 4SH |  | PRESSHÜLSE FÜR<br>EN 856 - 4SH<br>SCHLAUCH              |                                                  | SKIVE FERRULE FOR<br>EN 856 - 4SH<br>HOSE |     | JUPE A SERTIR POUR<br>TUYAU<br>EN 856 - 4SH |      | CASQUILLO PARA TUBO<br>EN 856 - 4SH |  |  |  |
|----------------------------------|--|---------------------------------------------------------|--------------------------------------------------|-------------------------------------------|-----|---------------------------------------------|------|-------------------------------------|--|--|--|
|                                  |  | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo |                                           | Ø D | L                                           |      |                                     |  |  |  |
|                                  |  |                                                         | Pollici (1)                                      | mm                                        |     |                                             |      |                                     |  |  |  |
|                                  |  |                                                         | 600191420                                        | 1" 1/4                                    | 32  | 52                                          | 66   |                                     |  |  |  |
|                                  |  |                                                         | 600191424                                        | 1" 1/2                                    | 38  | 62                                          | 76,5 |                                     |  |  |  |
|                                  |  |                                                         | 600191432                                        | 2"                                        | 50  | 75                                          | 80   |                                     |  |  |  |
|                                  |  |                                                         |                                                  |                                           |     |                                             |      |                                     |  |  |  |
|                                  |  |                                                         |                                                  |                                           |     |                                             |      |                                     |  |  |  |
|                                  |  |                                                         |                                                  |                                           |     |                                             |      |                                     |  |  |  |
|                                  |  |                                                         |                                                  |                                           |     |                                             |      |                                     |  |  |  |
|                                  |  |                                                         |                                                  |                                           |     |                                             |      |                                     |  |  |  |

(1) Zoll - Inches - Pouces - Pulgadas

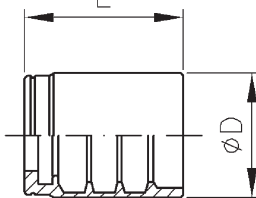
| BOCCOLA PER TUBO<br>SAE 100 R6 - R7 - R8<br>EN 854 - 1TE |  | PRESSHÜLSE FÜR<br>SAE 100 R6 - R7 - R8<br>EN 854 - 1TE SCHLAUCH |  | NO-SKIVE FERRULE FOR<br>SAE 100 R6 - R7 - R8<br>EN 854 - 1TE HOSE |      | JUPE A SERTIR POUR TUYAU<br>SAE 100 R6 - R7 - R8<br>EN 854 - 1TE |      | CASQUILLO PARA TUBO<br>SAE 100 R6 - R7 - R8<br>EN 854 - 1TE |   |  |  |  |  |
|----------------------------------------------------------|--|-----------------------------------------------------------------|--|-------------------------------------------------------------------|------|------------------------------------------------------------------|------|-------------------------------------------------------------|---|--|--|--|--|
|                                                          |  |                                                                 |  | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO           |      | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo                 |      | Ø D                                                         | L |  |  |  |  |
|                                                          |  |                                                                 |  |                                                                   |      | Pollici (1)                                                      | mm   |                                                             |   |  |  |  |  |
|                                                          |  |                                                                 |  | 600490704                                                         | 1/4  | 6                                                                | 17   | 29                                                          | * |  |  |  |  |
|                                                          |  |                                                                 |  | 600490705                                                         | 5/16 | 8                                                                | 19   | 30,5                                                        | * |  |  |  |  |
|                                                          |  |                                                                 |  | 600490706                                                         | 3/8  | 10                                                               | 21   | 30,5                                                        | * |  |  |  |  |
|                                                          |  |                                                                 |  | 600490708                                                         | 1/2  | 13                                                               | 25,5 | 34                                                          | * |  |  |  |  |
|                                                          |  |                                                                 |  |                                                                   |      |                                                                  |      |                                                             |   |  |  |  |  |
|                                                          |  |                                                                 |  |                                                                   |      |                                                                  |      |                                                             |   |  |  |  |  |
|                                                          |  |                                                                 |  |                                                                   |      |                                                                  |      |                                                             |   |  |  |  |  |
|                                                          |  |                                                                 |  |                                                                   |      |                                                                  |      |                                                             |   |  |  |  |  |
|                                                          |  |                                                                 |  |                                                                   |      |                                                                  |      |                                                             |   |  |  |  |  |
|                                                          |  |                                                                 |  |                                                                   |      |                                                                  |      |                                                             |   |  |  |  |  |

(1) Zoll - Inches - Pouces - Pulgadas

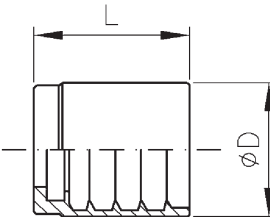
\* Compatibili su tubo ZEC - Su richiesta a disegno Cliente  
Mit Leitung ZEC Kompatibel - Auf Anfrage nach Kundenzeichnung  
Compatible with ZEC hose - Upon request and according to customer's drawing  
Compatibles sur tuyau ZEC - Sur demande selon plan du Client  
Compatibles con Tubo ZEC - Bajo demanda, según planos del Cliente

BOCCOLE / FERRULE

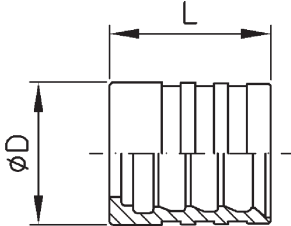


| BOCCOLA PER TUBO<br>EN 857 - 1SC                                                    |  | PRESSHÜLSE FÜR<br>EN 857 - 1SC<br>SCHLAUCH              |                                                  | NO-SKIVE FERRULE FOR<br>EN 857 - 1SC<br>HOSE |     | JUPE A SERTIR<br>POUR TUYAU<br>EN 857 - 1SC |  | CASQUILLO PARA<br>TUBO<br>EN 857 - 1SC |  |  |  |
|-------------------------------------------------------------------------------------|--|---------------------------------------------------------|--------------------------------------------------|----------------------------------------------|-----|---------------------------------------------|--|----------------------------------------|--|--|--|
|  |  | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo |                                              | Ø D | L                                           |  |                                        |  |  |  |
|                                                                                     |  |                                                         | Pollici (1)                                      | mm                                           |     |                                             |  |                                        |  |  |  |
|                                                                                     |  | 600490404                                               | 1/4                                              | 6                                            | 21  | 25,5                                        |  |                                        |  |  |  |
|                                                                                     |  | 600490405                                               | 5/16                                             | 8                                            | 23  | 26,5                                        |  |                                        |  |  |  |
|                                                                                     |  | 600490406                                               | 3/8                                              | 10                                           | 25  | 27                                          |  |                                        |  |  |  |
|                                                                                     |  | 600490408                                               | 1/2                                              | 13                                           | 28  | 29                                          |  |                                        |  |  |  |
|                                                                                     |  |                                                         |                                                  |                                              |     |                                             |  |                                        |  |  |  |
|                                                                                     |  |                                                         |                                                  |                                              |     |                                             |  |                                        |  |  |  |
|                                                                                     |  |                                                         |                                                  |                                              |     |                                             |  |                                        |  |  |  |

(1) Zoll - Inches - Pouces - Pulgadas

|                                                                                                |  |                                                                                                       |                                                  |                                                                                                         |     |                                                                                                        |  |                                                                                                   |  |  |  |  |
|------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------|--|--|--|--|
| BOCCOLA PER TUBO<br>SAE 100 R1AT - R2AT<br>EN 853 - 1SN-2SN<br>SAE 100 R16-R17<br>EN 857 - 2SC |  | PRESSHÜLSE FÜR<br>SAE 100 R1AT - R2AT<br>EN 853 - 1SN-2SN<br>SAE 100 R16-R17<br>EN 857 - 2SC SCHLAUCH |                                                  | NO-SKIVE FERRULE FOR<br>SAE 100 R1AT - R2AT<br>EN 853 - 1SN-2SN<br>SAE 100 R16-R17<br>EN 857 - 2SC HOSE |     | JUPE A SERTIR POUR<br>TUYAU SAE 100 R1AT - R2AT<br>EN 853 - 1SN-2SN<br>SAE 100 R16-R17<br>EN 857 - 2SC |  | CASQUILLO PARA TUBO<br>SAE 100 R1AT - R2AT<br>EN 853 - 1SN-2SN<br>SAE 100 R16-R17<br>EN 857 - 2SC |  |  |  |  |
|            |  | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO                                               | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo |                                                                                                         | Ø D | L                                                                                                      |  |                                                                                                   |  |  |  |  |
|                                                                                                |  |                                                                                                       | Pollici (1)                                      | mm                                                                                                      |     |                                                                                                        |  |                                                                                                   |  |  |  |  |
|                                                                                                |  | 600490304                                                                                             | 1/4                                              | 6                                                                                                       | 22  | 29,5                                                                                                   |  |                                                                                                   |  |  |  |  |
|                                                                                                |  | 600490305                                                                                             | 5/16                                             | 8                                                                                                       | 24  | 29,5                                                                                                   |  |                                                                                                   |  |  |  |  |
|                                                                                                |  | 600490306                                                                                             | 3/8                                              | 10                                                                                                      | 26  | 30                                                                                                     |  |                                                                                                   |  |  |  |  |
|                                                                                                |  | 600490308                                                                                             | 1/2                                              | 13                                                                                                      | 30  | 33,5                                                                                                   |  |                                                                                                   |  |  |  |  |
|                                                                                                |  | 600490310                                                                                             | 5/8                                              | 16                                                                                                      | 34  | 36,5                                                                                                   |  |                                                                                                   |  |  |  |  |
|                                                                                                |  | 600490312                                                                                             | 3/4                                              | 19                                                                                                      | 38  | 39,5                                                                                                   |  |                                                                                                   |  |  |  |  |
|                                                                                                |  | 600490316                                                                                             | 1"                                               | 25                                                                                                      | 48  | 51,5                                                                                                   |  |                                                                                                   |  |  |  |  |
|                                                                                                |  | 600490320                                                                                             | 1" 1/4                                           | 32                                                                                                      | 59  | 59                                                                                                     |  |                                                                                                   |  |  |  |  |
|                                                                                                |  | 600490324                                                                                             | 1" 1/2                                           | 38                                                                                                      | 67  | 67                                                                                                     |  |                                                                                                   |  |  |  |  |
|                                                                                                |  | 600490332                                                                                             | 2"                                               | 50                                                                                                      | 80  | 72                                                                                                     |  |                                                                                                   |  |  |  |  |

(1) Zoll - Inches - Pouces - Pulgadas

| BOCCOLA PER TUBO<br>SAE 100 R2A - R9R - R12<br>EN 856 - 4SP<br>EN 853 - 2ST           |  | PRESSHÜLSE FÜR<br>SAE 100 R2A - R9R - R12<br>EN 856 - 4SP<br>EN 853 - 2ST SCHLAUCH |                                                  | SKIVE FERRULE FOR<br>SAE 100 R2A - R9R - R12<br>EN 856 - 4SP<br>EN 853 - 2ST HOSE |     | JUPE A SERTIR POUR TUYAU<br>SAE 100 R2A - R9R - R12<br>EN 856 - 4SP<br>EN 853 - 2ST |  | CASQUILLO PARA TUBO<br>SAE 100 R2A - R9R - R12<br>EN 856 - 4SP<br>EN 853 - 2ST |  |  |  |  |
|---------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------|-----|-------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------|--|--|--|--|
|  |  | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO                            | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo |                                                                                   | Ø D | L                                                                                   |  |                                                                                |  |  |  |  |
|                                                                                       |  |                                                                                    | Pollici (1)                                      | mm                                                                                |     |                                                                                     |  |                                                                                |  |  |  |  |
|                                                                                       |  | 600490504                                                                          | 1/4                                              | 6                                                                                 | 22  | 30                                                                                  |  |                                                                                |  |  |  |  |
|                                                                                       |  | 600490505                                                                          | 5/16                                             | 8                                                                                 | 24  | 31                                                                                  |  |                                                                                |  |  |  |  |
|                                                                                       |  | 600490506                                                                          | 3/8                                              | 10                                                                                | 26  | 33                                                                                  |  |                                                                                |  |  |  |  |
|                                                                                       |  | 600490508                                                                          | 1/2                                              | 13                                                                                | 30  | 34                                                                                  |  |                                                                                |  |  |  |  |
|                                                                                       |  | 600490510                                                                          | 5/8                                              | 16                                                                                | 33  | 39                                                                                  |  |                                                                                |  |  |  |  |
|                                                                                       |  | 600490512                                                                          | 3/4                                              | 19                                                                                | 38  | 40                                                                                  |  |                                                                                |  |  |  |  |
|                                                                                       |  | 600490516                                                                          | 1"                                               | 25                                                                                | 46  | 54                                                                                  |  |                                                                                |  |  |  |  |
|                                                                                       |  | 600490520                                                                          | 1" 1/4                                           | 32                                                                                | 57  | 60                                                                                  |  |                                                                                |  |  |  |  |
|                                                                                       |  | 600490524                                                                          | 1" 1/2                                           | 38                                                                                | 65  | 70                                                                                  |  |                                                                                |  |  |  |  |
|                                                                                       |  | 600490532                                                                          | 2"                                               | 50                                                                                | 79  | 72                                                                                  |  |                                                                                |  |  |  |  |

(1) Zoll - Inches - Pouces - Pulgadas





| MASCHIO GAS CONICO | AGR KONISCH<br>(BSP GEWINDE NACH) | BSP<br>MALE TAPERED                                     | EMBOUT MALE BSP<br>CONIQUE                       |    |        |    | MACHO GAS CONICO |      |      |    |  |
|--------------------|-----------------------------------|---------------------------------------------------------|--------------------------------------------------|----|--------|----|------------------|------|------|----|--|
|                    |                                   | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo |    | Ø F    | CH | L                | H    | Ø d  | E  |  |
|                    |                                   |                                                         | Pollici (1)                                      | mm |        |    |                  |      |      |    |  |
|                    |                                   | 600230404                                               | 1/4                                              | 6  | 1/4    | 14 | 53,3             | 26   | 4    | 13 |  |
|                    |                                   | 600230604                                               | 1/4                                              | 6  | 3/8    | 19 | 54,3             | 27   | 4    | 13 |  |
|                    |                                   | 600230605                                               | 5/16                                             | 8  | 3/8    | 19 | 56               | 27,5 | 5,5  | 13 |  |
|                    |                                   | 600230606                                               | 3/8                                              | 10 | 3/8    | 19 | 56,5             | 28   | 7    | 13 |  |
|                    |                                   | 600230806                                               | 3/8                                              | 10 | 1/2    | 22 | 60               | 31,5 | 7    | 16 |  |
|                    |                                   | 600230808                                               | 1/2                                              | 13 | 1/2    | 22 | 62               | 32   | 10   | 16 |  |
|                    |                                   | 600231212                                               | 3/4                                              | 19 | 3/4    | 27 | 77               | 38   | 15,5 | 18 |  |
|                    |                                   | 600231616                                               | 1"                                               | 25 | 1"     | 36 | 93,5             | 41   | 20   | 20 |  |
|                    |                                   | 600232020                                               | 1" 1/4                                           | 32 | 1" 1/4 | 46 | 105,5            | 45,5 | 26   | 21 |  |
|                    |                                   | 600232424                                               | 1" 1/2                                           | 38 | 1" 1/2 | 50 | 119              | 49   | 32   | 22 |  |
|                    |                                   | 600233232                                               | 2"                                               | 50 | 2"     | 65 | 128              | 53,5 | 44   | 25 |  |
|                    |                                   |                                                         |                                                  |    |        |    |                  |      |      |    |  |
|                    |                                   |                                                         |                                                  |    |        |    |                  |      |      |    |  |

(1) Zoll - Inches - Pouces - Pulgadas

| MASCHIO GAS CILINDRICO<br>SVASATO 60° | AGR 60° INNENKONUS<br>(BSP GEWINDE) | BSP MALE<br>PARALLEL 60° CONE SEAT                      |                                                  | EMBOUT MALE<br>BSP 60° |        |    | MACHO GAS CILINDRICO<br>ASIENTO 60° |      |      |    |  |
|---------------------------------------|-------------------------------------|---------------------------------------------------------|--------------------------------------------------|------------------------|--------|----|-------------------------------------|------|------|----|--|
|                                       |                                     | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo |                        | Ø F    | CH | L                                   | H    | Ø d  | E  |  |
|                                       |                                     |                                                         | Pollici (1)                                      | mm                     |        |    |                                     |      |      |    |  |
|                                       |                                     | 600200404                                               | 1/4                                              | 6                      | 1/4    | 19 | 53                                  | 25,7 | 4    | 11 |  |
|                                       |                                     | 600200604                                               | 1/4                                              | 6                      | 3/8    | 22 | 54,5                                | 27,2 | 4    | 12 |  |
|                                       |                                     | 600200605                                               | 5/16                                             | 8                      | 3/8    | 22 | 56,5                                | 28   | 5,5  | 12 |  |
|                                       |                                     | 600200606                                               | 3/8                                              | 10                     | 3/8    | 22 | 56,5                                | 28   | 7    | 12 |  |
|                                       |                                     | 600200608                                               | 1/2                                              | 13                     | 3/8    | 22 | 58                                  | 28   | 10   | 12 |  |
|                                       |                                     | 600200806                                               | 3/8                                              | 10                     | 1/2    | 27 | 59,5                                | 31   | 7    | 14 |  |
|                                       |                                     | 600200808                                               | 1/2                                              | 13                     | 1/2    | 27 | 61,5                                | 31,5 | 10   | 14 |  |
|                                       |                                     | 600201010                                               | 5/8                                              | 16                     | 5/8    | 30 | 66,5                                | 33,5 | 12,5 | 16 |  |
|                                       |                                     | 600201210                                               | 5/8                                              | 16                     | 3/4    | 32 | 67,5                                | 34,5 | 12,5 | 16 |  |
|                                       |                                     | 600201212                                               | 3/4                                              | 19                     | 3/4    | 32 | 74,5                                | 35,5 | 15,5 | 16 |  |
|                                       |                                     | 600201612                                               | 3/4                                              | 19                     | 1"     | 41 | 78,5                                | 39,5 | 15,5 | 19 |  |
|                                       |                                     | 600201616                                               | 1"                                               | 25                     | 1"     | 41 | 92,5                                | 40   | 20   | 19 |  |
|                                       |                                     | 600202016                                               | 1"                                               | 25                     | 1" 1/4 | 50 | 96,5                                | 44   | 20   | 20 |  |
|                                       |                                     | 600202020                                               | 1" 1/4                                           | 32                     | 1" 1/4 | 50 | 105,5                               | 45,5 | 26   | 20 |  |
|                                       |                                     | 600202420                                               | 1" 1/4                                           | 32                     | 1" 1/2 | 55 | 107,5                               | 47,5 | 26   | 22 |  |
|                                       |                                     | 600202424                                               | 1" 1/2                                           | 38                     | 1" 1/2 | 55 | 117,5                               | 47,5 | 32   | 22 |  |
|                                       |                                     | 600203232                                               | 2"                                               | 50                     | 2"     | 70 | 126,5                               | 52   | 44   | 25 |  |
|                                       |                                     |                                                         |                                                  |                        |        |    |                                     |      |      |    |  |
|                                       |                                     |                                                         |                                                  |                        |        |    |                                     |      |      |    |  |
|                                       |                                     |                                                         |                                                  |                        |        |    |                                     |      |      |    |  |
|                                       |                                     |                                                         |                                                  |                        |        |    |                                     |      |      |    |  |

(1) Zoll - Inches - Pouces - Pulgadas



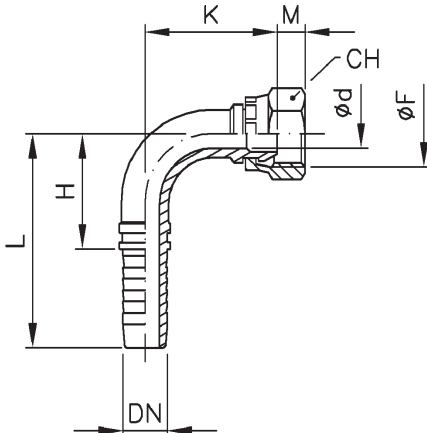
| FEMMINA DIRITTA<br>CONO 60° - FILETTO<br>GAS CILINDRICO<br>DADO GRAFFATO | DKR 60° KONUS<br>(BSP GEWINDE)<br>PRESSMUTTER | BSP FEMALE<br>60° CONE SEAT<br>CRIMPED BACKNUT          | EMBOUT FEMELLE<br>DROIT CONE 60° BSP<br>ECROU AGRAFE | HEMBRA ROSCA<br>GAS ASIENTO 60°<br>TUERCA SUJEDADA<br>CON GRAPA |        |    |      |      |      |        |  |
|--------------------------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------|------------------------------------------------------|-----------------------------------------------------------------|--------|----|------|------|------|--------|--|
|                                                                          |                                               | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo     |                                                                 | Ø F    | CH | Ø d  | M    | H    | L<br>≈ |  |
|                                                                          |                                               | Pollici (1)                                             | mm                                                   |                                                                 |        |    |      |      |      |        |  |
|                                                                          |                                               | 600160404                                               | 1/4                                                  | 6                                                               | 1/4    | 19 | 4    | 4,5  | 16,7 | 48,5   |  |
|                                                                          |                                               | 600160604                                               | 1/4                                                  | 6                                                               | 3/8    | 22 | 4    | 6    | 18,7 | 52     |  |
|                                                                          |                                               | 600160605                                               | 5/16                                                 | 8                                                               | 3/8    | 22 | 5,5  | 6    | 20   | 54,5   |  |
|                                                                          |                                               | 600160606                                               | 3/8                                                  | 10                                                              | 3/8    | 22 | 7    | 6    | 20   | 54,5   |  |
|                                                                          |                                               | 600160806                                               | 3/8                                                  | 10                                                              | 1/2    | 27 | 7    | 6,5  | 22   | 57     |  |
|                                                                          |                                               | 600160808                                               | 1/2                                                  | 13                                                              | 1/2    | 27 | 10   | 6,5  | 22,5 | 59     |  |
|                                                                          |                                               | 600161010                                               | 5/8                                                  | 16                                                              | 5/8    | 28 | 12,5 | 9,5  | 24   | 66,5   |  |
|                                                                          |                                               | 600161210                                               | 5/8                                                  | 16                                                              | 3/4    | 32 | 12,5 | 8,5  | 24   | 65,5   |  |
|                                                                          |                                               | 600161212                                               | 3/4                                                  | 19                                                              | 3/4    | 32 | 15,5 | 8,5  | 25,5 | 73     |  |
|                                                                          |                                               | 600161612                                               | 3/4                                                  | 19                                                              | 1"     | 38 | 15,5 | 10,5 | 26   | 75,5   |  |
|                                                                          |                                               | 600161616                                               | 1"                                                   | 25                                                              | 1"     | 38 | 20   | 10,5 | 26,5 | 89,5   |  |
|                                                                          |                                               | 600162016 (2)                                           | 1"                                                   | 25                                                              | 1" 1/4 | 50 | 20   | 10   | 32,5 | 95     |  |
|                                                                          |                                               | 600162020 (2)                                           | 1" 1/4                                               | 32                                                              | 1" 1/4 | 50 | 26   | 10   | 33   | 103    |  |
|                                                                          |                                               | 600162420 (2)                                           | 1" 1/4                                               | 32                                                              | 1" 1/2 | 55 | 26   | 12   | 35   | 107    |  |
|                                                                          |                                               | 600162424 (2)                                           | 1" 1/2                                               | 38                                                              | 1" 1/2 | 55 | 32   | 12   | 35   | 117    |  |
|                                                                          |                                               | 600163224 (2)                                           | 1" 1/2                                               | 38                                                              | 2"     | 70 | 32   | 16   | 31   | 117    |  |
|                                                                          |                                               | 600163232 (2)                                           | 2"                                                   | 50                                                              | 2"     | 70 | 44   | 16   | 31   | 121,5  |  |
|                                                                          |                                               |                                                         |                                                      |                                                                 |        |    |      |      |      |        |  |
|                                                                          |                                               |                                                         |                                                      |                                                                 |        |    |      |      |      |        |  |
|                                                                          |                                               |                                                         |                                                      |                                                                 |        |    |      |      |      |        |  |
|                                                                          |                                               |                                                         |                                                      |                                                                 |        |    |      |      |      |        |  |

(1) Zoll - Inches - Pouces - Pulgadas (2) Dado spinato - Gestiftete mutter -Thrust wire nut - Écrou a cheville -Tuerca sujedada con perno

| FEMMINA DIRITTA CONO 60°<br>FILETTO GAS CILINDRICO | DKR 60° KONUS<br>(BSP GEWINDE)                          | BSP FEMALE<br>60° CONE SEAT                      | EMBOUT FEMELLE<br>DROIT CONE 60° BSP | HEMBRA ROSCA<br>GAS ASIENTO 60° |     |     |     |        |      |  |
|----------------------------------------------------|---------------------------------------------------------|--------------------------------------------------|--------------------------------------|---------------------------------|-----|-----|-----|--------|------|--|
|                                                    | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo | Ø F                                  | CH                              | Ø d | M   | H   | L<br>≈ |      |  |
|                                                    | Pollici (1)                                             | mm                                               |                                      |                                 |     |     |     |        |      |  |
|                                                    | 600310404                                               | 1/4                                              | 6                                    | 1/4                             | 19  | 4   | 5,4 | 17     | 50   |  |
|                                                    | 600310604                                               | 1/4                                              | 6                                    | 3/8                             | 22  | 4   | 6   | 19,5   | 52,5 |  |
|                                                    | 600310605                                               | 5/16                                             | 8                                    | 3/8                             | 22  | 5,5 | 6   | 19,5   | 53,5 |  |
|                                                    | 600310606                                               | 3/8                                              | 10                                   | 3/8                             | 22  | 7   | 6   | 20,5   | 54   |  |
|                                                    | 600310806                                               | 3/8                                              | 10                                   | 1/2                             | 27  | 7   | 6,5 | 21     | 56   |  |
|                                                    | 600310808                                               | 1/2                                              | 13                                   | 1/2                             | 27  | 10  | 6,5 | 22,5   | 58   |  |
|                                                    |                                                         |                                                  |                                      |                                 |     |     |     |        |      |  |
|                                                    |                                                         |                                                  |                                      |                                 |     |     |     |        |      |  |
|                                                    |                                                         |                                                  |                                      |                                 |     |     |     |        |      |  |
|                                                    |                                                         |                                                  |                                      |                                 |     |     |     |        |      |  |
|                                                    |                                                         |                                                  |                                      |                                 |     |     |     |        |      |  |
|                                                    |                                                         |                                                  |                                      |                                 |     |     |     |        |      |  |
|                                                    |                                                         |                                                  |                                      |                                 |     |     |     |        |      |  |

(1) Zoll - Inches - Pouces - Pulgadas Dado sfilabile - Hinterlegte mutter - slip-on nut - Écrou detachable -Tuerca separable



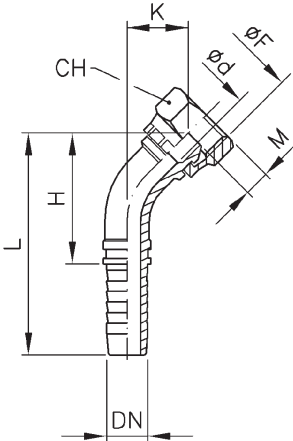
| FEMMINA CURVA 90°<br>CONO 60°<br>FILETTO GAS CILINDRICO<br>DADO GRAFFATO          | DKR 90° BOGEN<br>60° KONUS<br>(BSP GEWINDE)<br>PRESSMUTTER | 90° BSP FEMALE<br>SWEPT ELBOW<br>60° CONE<br>CRIMPED BACKNUT | EMBOUT FEMELLE 90°<br>CÔNE 60°<br>BSP CYLINDRIQUE<br>ÉCROU AGRAFE | HEMBRA 90° ROSCA<br>GAS ASIENTO 60°<br>TUERCA SUJEDADA<br>CON GRAPA |                                                         |                                                  |    |        |    |      |      |        |        |        |
|-----------------------------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------|----|--------|----|------|------|--------|--------|--------|
|  |                                                            |                                                              |                                                                   |                                                                     | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo |    | Ø F    | CH | Ø d  | M    | H<br>≈ | L<br>≈ | K<br>≈ |
|                                                                                   |                                                            |                                                              |                                                                   |                                                                     | Pollici (1)                                             | mm                                               |    |        |    |      |      |        |        |        |
|                                                                                   |                                                            |                                                              |                                                                   |                                                                     | 600170404                                               | 1/4                                              | 6  | 1/4    | 19 | 4    | 4,5  | 23     | 50,5   | 28     |
|                                                                                   |                                                            |                                                              |                                                                   |                                                                     | 600170604                                               | 1/4                                              | 6  | 3/8    | 22 | 4    | 6    | 23     | 50,5   | 31     |
|                                                                                   |                                                            |                                                              |                                                                   |                                                                     | 600170605                                               | 5/16                                             | 8  | 3/8    | 22 | 5,5  | 6    | 26     | 54,5   | 32,5   |
|                                                                                   |                                                            |                                                              |                                                                   |                                                                     | 600170606                                               | 3/8                                              | 10 | 3/8    | 22 | 7    | 6    | 30,5   | 59     | 37     |
|                                                                                   |                                                            |                                                              |                                                                   |                                                                     | 600170806                                               | 3/8                                              | 10 | 1/2    | 27 | 7    | 6,5  | 30,5   | 59     | 39,5   |
|                                                                                   |                                                            |                                                              |                                                                   |                                                                     | 600170808                                               | 1/2                                              | 13 | 1/2    | 27 | 10   | 6,5  | 38     | 68     | 43,5   |
|                                                                                   |                                                            |                                                              |                                                                   |                                                                     | 600171010                                               | 5/8                                              | 16 | 5/8    | 28 | 12,5 | 9,5  | 44,5   | 77,5   | 51,5   |
|                                                                                   |                                                            |                                                              |                                                                   |                                                                     | 600171210                                               | 5/8                                              | 16 | 3/4    | 32 | 12,5 | 8,5  | 44,5   | 77,5   | 51,5   |
|                                                                                   |                                                            |                                                              |                                                                   |                                                                     | 600171212                                               | 3/4                                              | 19 | 3/4    | 32 | 15,5 | 8,5  | 54     | 93     | 58     |
|                                                                                   |                                                            |                                                              |                                                                   |                                                                     | 600171612                                               | 3/4                                              | 19 | 1"     | 38 | 15,5 | 10,5 | 54     | 93     | 60,5   |
|                                                                                   |                                                            |                                                              |                                                                   |                                                                     | 600171616                                               | 1"                                               | 25 | 1"     | 38 | 20   | 10,5 | 74     | 126,5  | 70,5   |
|                                                                                   |                                                            |                                                              |                                                                   |                                                                     | 600172016 (2)                                           | 1"                                               | 25 | 1" 1/4 | 50 | 20   | 10   | 74     | 126,5  | 78,5   |
|                                                                                   |                                                            |                                                              |                                                                   |                                                                     | 600172020 (2)                                           | 1" 1/4                                           | 32 | 1" 1/4 | 50 | 26   | 10   | 80     | 140    | 88,5   |
|                                                                                   |                                                            |                                                              |                                                                   |                                                                     | 600172420 (2)                                           | 1" 1/4                                           | 32 | 1" 1/2 | 55 | 26   | 12   | 80     | 140    | 91,5   |
|                                                                                   |                                                            |                                                              |                                                                   |                                                                     | 600172424 (2)                                           | 1" 1/2                                           | 38 | 1" 1/2 | 55 | 32   | 12   | 93     | 140    | 103,5  |
|                                                                                   |                                                            |                                                              |                                                                   |                                                                     | 600173232 (2)                                           | 2"                                               | 50 | 2"     | 70 | 44   | 16   | 129    | 203,5  | 124    |
|                                                                                   |                                                            |                                                              |                                                                   |                                                                     |                                                         |                                                  |    |        |    |      |      |        |        |        |
|                                                                                   |                                                            |                                                              |                                                                   |                                                                     |                                                         |                                                  |    |        |    |      |      |        |        |        |
|                                                                                   |                                                            |                                                              |                                                                   |                                                                     |                                                         |                                                  |    |        |    |      |      |        |        |        |

(1) Zoll - Inches - Pouces - Pulgadas (2) Dado spinato - Gestiftete mutter -Thrust wire nut - Ecrou à cheville -Tuerca sujedada con perno

| FEMMINA CURVA 90°<br>CONO 60°<br>FILETTO GAS CILINDRICO | DKR 90° BOGEN<br>60° KONUS<br>(BSP GEWINDE) | 90° BSP FEMALE<br>SWEPT ELBOW<br>60° CONE | EMBOUT FEMELLE 90°<br>CONE 60°<br>BSP CYLINDRIQUE | HEMBRA 90° ROSCA<br>GAS ASIENTO 60° |                                                         |      |                                                  |     |     |     |     |      |        |        |        |
|---------------------------------------------------------|---------------------------------------------|-------------------------------------------|---------------------------------------------------|-------------------------------------|---------------------------------------------------------|------|--------------------------------------------------|-----|-----|-----|-----|------|--------|--------|--------|
|                                                         |                                             |                                           |                                                   |                                     | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO |      | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo |     | Ø F | CH  | Ø d | M    | K<br>≈ | H<br>≈ | L<br>≈ |
|                                                         |                                             |                                           |                                                   |                                     | Pollici (1)                                             | mm   |                                                  |     |     |     |     |      |        |        |        |
|                                                         |                                             |                                           |                                                   |                                     | 600320404                                               | 1/4  | 6                                                | 1/4 | 19  | 4   | 5,4 | 28   | 23     | 50,5   |        |
|                                                         |                                             |                                           |                                                   |                                     | 600320604                                               | 1/4  | 6                                                | 3/8 | 22  | 4   | 6   | 31   | 23     | 50,5   |        |
|                                                         |                                             |                                           |                                                   |                                     | 600320605                                               | 5/16 | 8                                                | 3/8 | 22  | 5,5 | 6   | 32,5 | 26     | 54,5   |        |
|                                                         |                                             |                                           |                                                   |                                     | 600320606                                               | 3/8  | 10                                               | 3/8 | 22  | 7   | 6   | 37   | 30,5   | 59     |        |
|                                                         |                                             |                                           |                                                   |                                     | 600320806                                               | 3/8  | 10                                               | 1/2 | 27  | 7   | 6,5 | 39,5 | 30,5   | 59     |        |
|                                                         |                                             |                                           |                                                   |                                     | 600320808                                               | 1/2  | 13                                               | 1/2 | 27  | 10  | 6,5 | 43,5 | 38     | 68     |        |
|                                                         |                                             |                                           |                                                   |                                     |                                                         |      |                                                  |     |     |     |     |      |        |        |        |
|                                                         |                                             |                                           |                                                   |                                     |                                                         |      |                                                  |     |     |     |     |      |        |        |        |
|                                                         |                                             |                                           |                                                   |                                     |                                                         |      |                                                  |     |     |     |     |      |        |        |        |
|                                                         |                                             |                                           |                                                   |                                     |                                                         |      |                                                  |     |     |     |     |      |        |        |        |
|                                                         |                                             |                                           |                                                   |                                     |                                                         |      |                                                  |     |     |     |     |      |        |        |        |
|                                                         |                                             |                                           |                                                   |                                     |                                                         |      |                                                  |     |     |     |     |      |        |        |        |
|                                                         |                                             |                                           |                                                   |                                     |                                                         |      |                                                  |     |     |     |     |      |        |        |        |
|                                                         |                                             |                                           |                                                   |                                     |                                                         |      |                                                  |     |     |     |     |      |        |        |        |
|                                                         |                                             |                                           |                                                   |                                     |                                                         |      |                                                  |     |     |     |     |      |        |        |        |
|                                                         |                                             |                                           |                                                   |                                     |                                                         |      |                                                  |     |     |     |     |      |        |        |        |
|                                                         |                                             |                                           |                                                   |                                     |                                                         |      |                                                  |     |     |     |     |      |        |        |        |
|                                                         |                                             |                                           |                                                   |                                     |                                                         |      |                                                  |     |     |     |     |      |        |        |        |
|                                                         |                                             |                                           |                                                   |                                     |                                                         |      |                                                  |     |     |     |     |      |        |        |        |

(1) Zoll - Inches - Pouces - Pulgadas Dado sfilabile - Hinterlegte mutter - Slip-on nut - Ecrou détachable - Tuerca separable



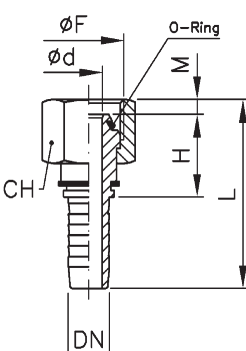
| FEMMINA CURVA 45°<br>CONO 60°<br>FILETTO GAS CILINDRICO<br>DADO GRAFFATO            | DKR 45° BOGEN<br>60° KONUS<br>(BSP GEWINDE)<br>PRESSMUTTER | 45° BSP FEMALE<br>SWEPT ELBOW<br>60° CONE<br>CRIMPED BACKNUT | EMBOUT FEMELLE 45°<br>CONE 60°<br>BSP CYLINDRIQUE<br>ECROU AGRAFE | HEMBRA 45° ROSCA<br>GAS ASIENTO 60°<br>TUERCA SUJEDADA<br>CON GRAPA |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|-------------------------------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------|--------|--------------------------------------------------|--------|-----|------|------|-------|--------|--------|--------|
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO |        | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo |        | Ø F | CH   | Ø d  | M     | H<br>≈ | L<br>≈ | K<br>≈ |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     | Pollici (1)                                             | mm     |                                                  |        |     |      |      |       |        |        |        |
|  |                                                            |                                                              |                                                                   |                                                                     | 600180404                                               | 1/4    | 6                                                | 1/4    | 19  | 4    | 4,5  | 37,5  | 65     | 14,5   |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     | 600180604                                               | 1/4    | 6                                                | 3/8    | 22  | 4    | 6    | 39,5  | 67     | 17     |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     | 600180605                                               | 5/16   | 8                                                | 3/8    | 22  | 5,5  | 6    | 44    | 72,5   | 17     |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     | 600180606                                               | 3/8    | 10                                               | 3/8    | 22  | 7    | 6    | 50    | 78,5   | 19     |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     | 600180806                                               | 3/8    | 10                                               | 1/2    | 27  | 7    | 6,5  | 52    | 80,5   | 20,5   |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     | 600180808                                               | 1/2    | 13                                               | 1/2    | 27  | 10   | 6,5  | 62    | 92     | 21,5   |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     | 600181010                                               | 5/8    | 16                                               | 5/8    | 28  | 12,5 | 9,5  | 72,5  | 105,5  | 25,5   |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     | 600181210                                               | 5/8    | 16                                               | 3/4    | 32  | 12,5 | 8,5  | 72,5  | 105,5  | 25,5   |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     | 600181212                                               | 3/4    | 19                                               | 3/4    | 32  | 15,5 | 8,5  | 64    | 103    | 28     |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     | 600181612                                               | 3/4    | 19                                               | 1"     | 38  | 15,5 | 10,5 | 65,5  | 104,5  | 30     |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     | 600181616                                               | 1"     | 25                                               | 1"     | 38  | 20   | 10,5 | 85    | 137,5  | 33     |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     | 600182016 (2)                                           | 1"     | 25                                               | 1" 1/4 | 50  | 20   | 10   | 90,5  | 143    | 39     |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     | 600182020 (2)                                           | 1" 1/4 | 32                                               | 1" 1/4 | 50  | 26   | 10   | 99,5  | 159,5  | 42     |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     | 600182420 (2)                                           | 1" 1/2 | 38                                               | 1" 1/2 | 55  | 32   | 12   | 112   | 182    | 48     |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     | 600183232 (2)                                           | 2"     | 50                                               | 2"     | 70  | 44   | 16   | 132,5 | 207    | 52,5   |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |
|                                                                                     |                                                            |                                                              |                                                                   |                                                                     |                                                         |        |                                                  |        |     |      |      |       |        |        |        |

(1) Zoll - Inches - Pouces - Pulgadas (2) Dado spinato - Gestiftete mutter - Thrust wire nut - Ecrou à cheville - Tuerca sujedada con perno

| FEMMINA CURVA 45°<br>CONO 60°<br>FILETTO GAS CILINDRICO | DKR 45° BOGEN<br>60° KONUS<br>(BSP GEWINDE)             | 45° BSP FEMALE<br>SWEPT ELBOW<br>60° CONE        | EMBOUT FEMELLE 45°<br>CÔNE 60°<br>BSP CYLINDRIQUE | HEMBRA 45° ROSCA<br>GAS ASIENTO 60° |    |     |     |        |        |        |  |
|---------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------|---------------------------------------------------|-------------------------------------|----|-----|-----|--------|--------|--------|--|
|                                                         | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo |                                                   | Ø F                                 | CH | Ø d | M   | K<br>≈ | H<br>≈ | L<br>≈ |  |
|                                                         |                                                         | Pollici (1)                                      | mm                                                |                                     |    |     |     |        |        |        |  |
|                                                         | 600330404                                               | 1/4                                              | 6                                                 | 1/4                                 | 19 | 4   | 5,4 | 14,5   | 37,5   | 65     |  |
|                                                         | 600330604                                               | 1/4                                              | 6                                                 | 3/8                                 | 22 | 4   | 6   | 17     | 39,5   | 67     |  |
|                                                         | 600330605                                               | 5/16                                             | 8                                                 | 3/8                                 | 22 | 5,5 | 6   | 17     | 44     | 72,5   |  |
|                                                         | 600330606                                               | 3/8                                              | 10                                                | 3/8                                 | 22 | 7   | 6   | 19     | 50     | 78,5   |  |
|                                                         | 600330806                                               | 3/8                                              | 10                                                | 1/2                                 | 27 | 7   | 6,5 | 20,5   | 52     | 80,5   |  |
|                                                         | 600330808                                               | 1/2                                              | 13                                                | 1/2                                 | 27 | 10  | 6,5 | 21,5   | 62     | 92     |  |
|                                                         |                                                         |                                                  |                                                   |                                     |    |     |     |        |        |        |  |
|                                                         |                                                         |                                                  |                                                   |                                     |    |     |     |        |        |        |  |
|                                                         |                                                         |                                                  |                                                   |                                     |    |     |     |        |        |        |  |
|                                                         |                                                         |                                                  |                                                   |                                     |    |     |     |        |        |        |  |
|                                                         |                                                         |                                                  |                                                   |                                     |    |     |     |        |        |        |  |
|                                                         |                                                         |                                                  |                                                   |                                     |    |     |     |        |        |        |  |





|                                                                                   |                                                                     |                                                  |                                                                                         |                                                                                      |    |      |      |      |        |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----|------|------|------|--------|
| FEMMINA DIRITTA - CONO 60°<br>O.R. DADO SFILABILE<br>FILETTO GAS CILINDRICO       | DKOR 60° KONUS<br>MIT O-RING<br>(BSP GEWINDE)<br>HINTERLEGTE MUTTER | BSP O-RING<br>FEMALE 60° CONE<br>(SLIP-ON NUT)   | RACCORD FEMELLE DROITE<br>CONE 60° O.R. ECROU<br>DETACHABLE FILETAGE<br>BSP CYLINDRIQUE | RACOR HEMBRA DERECHA<br>CONO 60°<br>O.R. TUERCA SEPARABLE<br>ROSCA CILÍNDRICA DE GAS |    |      |      |      |        |
|  | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO             | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo |                                                                                         | Ø F                                                                                  | CH | Ø d  | M    | H    | L<br>≈ |
|                                                                                   | Pollici (1)                                                         | mm                                               |                                                                                         |                                                                                      |    |      |      |      |        |
|                                                                                   | 600550404                                                           | 1/4                                              | 6                                                                                       | 1/4                                                                                  | 19 | 4    | 5,4  | 17   | 50     |
|                                                                                   | 600550606                                                           | 3/8                                              | 10                                                                                      | 3/8                                                                                  | 22 | 7    | 6    | 20,5 | 54     |
|                                                                                   | 600550808                                                           | 1/2                                              | 13                                                                                      | 1/2                                                                                  | 27 | 10   | 6,5  | 22,5 | 58     |
|                                                                                   | 600551212 (2)                                                       | 3/4                                              | 19                                                                                      | 3/4                                                                                  | 32 | 15,5 | 7,5  | 25,5 | 72     |
|                                                                                   | 600551616 (2)                                                       | 1"                                               | 25                                                                                      | 1"                                                                                   | 38 | 20   | 10   | 26,5 | 89     |
|                                                                                   | 600552016 (3)                                                       | 1"                                               | 25                                                                                      | 1" 1/4                                                                               | 50 | 20   | 11,5 | 32,5 | 96,5   |
|                                                                                   | 600552020 (3)                                                       | 1" 1/4                                           | 32                                                                                      | 1" 1/4                                                                               | 50 | 26   | 11,5 | 33   | 102,5  |
|                                                                                   | 600552424 (3)                                                       | 1" 1/2                                           | 38                                                                                      | 1" 1/2                                                                               | 55 | 32   | 11   | 35   | 116    |
|                                                                                   | 600553232 (3)                                                       | 2"                                               | 50                                                                                      | 2"                                                                                   | 70 | 44   | 16   | 31   | 121,5  |

**(1) Zoll - Inches - Pouces - Pulgadas**

**(2) Dado graffato - Pressmutter - Crimped back nut - Ecrou agrafé - Tuerca suetada con grapa**

(3) Dado spinato - Gestiftete mutter - Thrust wire nut - Ecrou à cheville - Tuerca sujedada con perno

| FEMMINA CURVA 90°<br>CONO 60° O.R.<br>DADO SFILABILE<br>FILETTO GAS CILINDRICO | DKOR 90° BOGEN<br>60° KONUS MIT O-RING<br>(BSP GEWINDE)<br>HINTERLEGTE MUTTER | 90° BSP O-RING<br>FEMALE ELBOW<br>60° CONE (SLIP-ON NUT)  | RACCORD FEMELLE<br>TORDUE 90° CONE 60° O.R.<br>ECROU DETACHABLE<br>FILETAGE BSP CYLINDRIQUE | RACOR HEMBRA<br>CURVA 90° CONO 60° O.R.<br>TUERCA SEPARABLE<br>ROSACA |           |            |          |                |                |                |       |
|--------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|-----------|------------|----------|----------------|----------------|----------------|-------|
|                                                                                | <b>CODICE<br/>ZEICHEN<br/>REFERENCE<br/>DESCRIPTION<br/>CODIGO</b>            | <b>Ø Tubo<br/>Rohr ID - Hose I.D.<br/>Ø Tube - Ø Tubo</b> |                                                                                             | <b>Ø F</b>                                                            | <b>CH</b> | <b>Ø d</b> | <b>M</b> | <b>K<br/>≈</b> | <b>H<br/>≈</b> | <b>L<br/>≈</b> |       |
|                                                                                |                                                                               | Pollici (1)                                               | mm                                                                                          |                                                                       |           |            |          |                |                |                |       |
|                                                                                |                                                                               | <b>600560404</b>                                          | 1/4                                                                                         | 6                                                                     | 1/4       | 19         | 4        | 5,4            | 28             | 23             | 50,5  |
|                                                                                |                                                                               | <b>600560606</b>                                          | 3/8                                                                                         | 10                                                                    | 3/8       | 22         | 7        | 6              | 37             | 30,5           | 59    |
|                                                                                |                                                                               | <b>600560808</b>                                          | 1/2                                                                                         | 13                                                                    | 1/2       | 27         | 10       | 6,5            | 43,5           | 38             | 68    |
|                                                                                |                                                                               | <b>600561212 (2)</b>                                      | 3/4                                                                                         | 19                                                                    | 3/4       | 32         | 15,5     | 7,5            | 58             | 54             | 93    |
|                                                                                |                                                                               | <b>600561616 (2)</b>                                      | 1"                                                                                          | 25                                                                    | 1"        | 38         | 20       | 10             | 70,5           | 74             | 126,5 |
|                                                                                |                                                                               | <b>600562016 (3)</b>                                      | 1"                                                                                          | 25                                                                    | 1" 1/4    | 50         | 20       | 11,5           | 78,5           | 74             | 126,5 |
|                                                                                |                                                                               | <b>600562020 (3)</b>                                      | 1" 1/4                                                                                      | 32                                                                    | 1" 1/4    | 50         | 26       | 11,5           | 88,5           | 80             | 140   |
|                                                                                |                                                                               | <b>600562424 (3)</b>                                      | 1" 1/2                                                                                      | 38                                                                    | 1" 1/2    | 55         | 32       | 11             | 103,5          | 93             | 163   |
| <b>600563232 (3)</b>                                                           | 2"                                                                            | 50                                                        | 2"                                                                                          | 70                                                                    | 44        | 16         | 124      | 129            | 203,5          |                |       |

(1) Zoll - Inches - Pouces - Pulgadas

(2) Dado graffato - Pressmutter - Crimped back nut - Ecrou agrafé - Tuerca suetada con grapa

(3) Dado spinato - Gestiftete mutter - Thrust wire nut - Ecrou à cheville - Tuerca sujedada con perno

|                                                                                |    |                                                                               |    |                                                          |                                                  |                                                                                            |        |                                                                      |      |      |        |        |        |
|--------------------------------------------------------------------------------|----|-------------------------------------------------------------------------------|----|----------------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------|--------|----------------------------------------------------------------------|------|------|--------|--------|--------|
| FEMMINA CURVA 45°<br>CONO 60° O.R.<br>DADO SFILABILE<br>FILETTO GAS CILINDRICO |    | DKOR 45° BOGEN<br>60° KONUS MIT O-RING<br>(BSP GEWINDE)<br>HINTERLEGTE MUTTER |    | 45° BSP O-RING<br>FEMALE ELBOW<br>60° CONE (SLIP-ON NUT) |                                                  | RACCORD FEMELLE<br>TORDUE 45°CÔNE 60° O.R.<br>ÉCROU DÉTACHABLE FILETAGE<br>BSP CYLINDRIQUE |        | RACOR HEMBRA<br>CURVA 45° CONO 60° O.R.<br>TUERCA SEPARABLE<br>ROSCA |      |      |        |        |        |
|                                                                                |    |                                                                               |    | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO  | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo |                                                                                            | Ø F    | CH                                                                   | Ø d  | M    | K<br>≈ | H<br>≈ | L<br>≈ |
|                                                                                |    |                                                                               |    |                                                          | Pollici (1)                                      | mm                                                                                         |        |                                                                      |      |      |        |        |        |
|                                                                                |    |                                                                               |    | 600570404                                                | 1/4                                              | 6                                                                                          | 1/4    | 19                                                                   | 4    | 5,4  | 14,5   | 37,5   | 65     |
|                                                                                |    |                                                                               |    | 600570606                                                | 3/8                                              | 10                                                                                         | 3/8    | 22                                                                   | 7    | 6    | 19     | 50     | 78,5   |
|                                                                                |    |                                                                               |    | 600570808                                                | 1/2                                              | 13                                                                                         | 1/2    | 27                                                                   | 10   | 6,5  | 21,5   | 62     | 92     |
|                                                                                |    |                                                                               |    | 600571212 (2)                                            | 3/4                                              | 19                                                                                         | 3/4    | 32                                                                   | 15,5 | 7,5  | 28     | 64     | 103    |
|                                                                                |    |                                                                               |    | 600571616 (2)                                            | 1"                                               | 25                                                                                         | 1"     | 38                                                                   | 20   | 10   | 33     | 85     | 137,5  |
|                                                                                |    |                                                                               |    | 600572016 (3)                                            | 1"                                               | 25                                                                                         | 1" 1/4 | 50                                                                   | 20   | 11,5 | 39     | 90,5   | 143    |
|                                                                                |    |                                                                               |    | 600572020 (3)                                            | 1" 1/4                                           | 32                                                                                         | 1" 1/4 | 50                                                                   | 26   | 11,5 | 42     | 99,5   | 159,5  |
|                                                                                |    |                                                                               |    | 600572424 (3)                                            | 1" 1/2                                           | 38                                                                                         | 1" 1/2 | 55                                                                   | 32   | 11   | 48     | 112    | 182    |
| 600573232 (3)                                                                  | 2" | 50                                                                            | 2" | 70                                                       | 44                                               | 16                                                                                         | 52,5   | 132,5                                                                | 207  |      |        |        |        |

(1) Zoll - Inches - Pouces - Pulgadas

(2) Dado graffato - Pressmutter - Crimped back nut - Ecrou agrafé - Tuerca suetada con grapa

(3) Dado spinato - Gestiftete Mutter - Thrust wire nut - Ecrou a chéville - Tuerca sujeta con perno

[illegible]

(1) Zoll - Inches - Pouces - Pulgadas

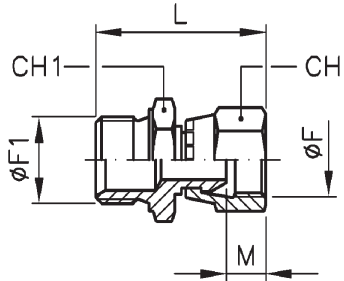
**Dado graffato - Pressmutter - Crimped back nut - Ecrou agrafé - Tuerca sujeta con grapa**

[illegible]

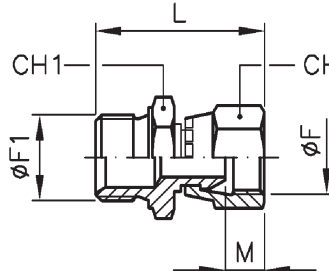
(1) Zoll - Inches - Pouces - Pulgadas

(2) Dado graffato - Pressmutter - Crimped back nut - Ecrou agrafé - Tuerca sujeta con grapa

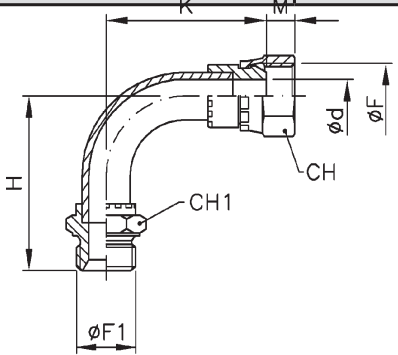


| ADATTATORE DIRITTO<br>MASCHIO GAS CIL. SVASATO 60°<br>FEMMINA GIREVOLE OGIVA 60°  |  | AUSSENGEWINDE<br>ÜBERWURFMUTTER<br>BSP ADAPTER 60°      |             | STRAIGHT ADAPTER<br>MALE BSP CONED 60°<br>FEMALE CAP - SURFACE 60° |       | ADAPTEUR DROIT<br>FBSP 60°<br>HBSP 60° |      | ADAPTADOR MACHO<br>TUERCA ROSCA<br>GAS ASIENTO 60° |  |  |
|-----------------------------------------------------------------------------------|--|---------------------------------------------------------|-------------|--------------------------------------------------------------------|-------|----------------------------------------|------|----------------------------------------------------|--|--|
|  |  | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO | Ø F1<br>GAS | Ø F<br>GAS                                                         | CH    | CH1                                    | L    | M                                                  |  |  |
|                                                                                   |  | 600010404                                               | 1/4         | 1/4                                                                | 19    | 19                                     | 36   | 4,5                                                |  |  |
|                                                                                   |  | 600010606                                               | 3/8         | 3/8                                                                | 22    | 22                                     | 41   | 6                                                  |  |  |
|                                                                                   |  | 600010808                                               | 1/2         | 1/2                                                                | 27    | 27                                     | 46,5 | 6,5                                                |  |  |
|                                                                                   |  | 600011010                                               | 5/8         | 5/8                                                                | 28    | 30                                     | 53   | 9,5                                                |  |  |
|                                                                                   |  | 600011212                                               | 3/4         | 3/4                                                                | 32    | 32                                     | 53   | 8,5                                                |  |  |
|                                                                                   |  | 600011616                                               | 1"          | 1"                                                                 | 38/41 | 41                                     | 60,5 | 10,5                                               |  |  |
|                                                                                   |  | 600012020                                               | 1" 1/4      | 1" 1/4                                                             | 50    | 50                                     | 67   | 10                                                 |  |  |
|                                                                                   |  |                                                         |             |                                                                    |       |                                        |      |                                                    |  |  |
|                                                                                   |  |                                                         |             |                                                                    |       |                                        |      |                                                    |  |  |

(1) Zoll - Inches - Pouces - Pulgadas      Dado graffato - Pressmutter - Crimped back nut - Ecrou agrafé - Tuerca sujecada con grapa

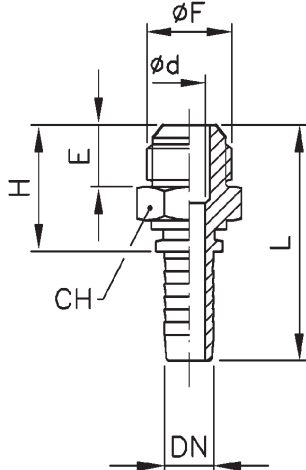
| ADATTATORE DIRITTO RIDOTTO<br>MASCHIO GAS CIL. SVASATO 60°<br>FEMMINA GIREVOLE<br>OGIVA 60° |  | AUSSENGEWINDE<br>ÜBERWURFMUTTER<br>BSP ADAPTER<br>REDUZIERUNG 60° |             | REDUCED STRAIGHT<br>ADAPTER<br>MALE BSP CONED 60°<br>FEMALE CAP - SURFACE 60° |    | ADAPTEUR DE REDUCTION<br>DROIT - FBSPP 60°<br>HBSP 60° |      | ADAPTADOR REDUCIDO<br>MACHO - TUERCA ROSCA<br>GAS ASIENTO 60° |  |  |
|---------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------|----|--------------------------------------------------------|------|---------------------------------------------------------------|--|--|
|          |  | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO           | Ø F1<br>GAS | Ø F<br>GAS                                                                    | CH | CH1                                                    | L    | M                                                             |  |  |
|                                                                                             |  | 600020406                                                         | 1/4         | 3/8                                                                           | 22 | 22                                                     | 39,5 | 6                                                             |  |  |
|                                                                                             |  | 600020604                                                         | 3/8         | 1/4                                                                           | 19 | 22                                                     | 37,5 | 4,5                                                           |  |  |
|                                                                                             |  | 600020608                                                         | 3/8         | 1/2                                                                           | 27 | 27                                                     | 43,5 | 6,5                                                           |  |  |
|                                                                                             |  | 600020804                                                         | 1/2         | 1/4                                                                           | 19 | 27                                                     | 40,5 | 4,5                                                           |  |  |
|                                                                                             |  | 600020806                                                         | 1/2         | 3/8                                                                           | 22 | 27                                                     | 44   | 6                                                             |  |  |
|                                                                                             |  | 600020812                                                         | 1/2         | 3/4                                                                           | 32 | 32                                                     | 50   | 8,5                                                           |  |  |
|                                                                                             |  | 600021208                                                         | 3/4         | 1/2                                                                           | 27 | 32                                                     | 49,5 | 6,5                                                           |  |  |
|                                                                                             |  | 600021612                                                         | 1"          | 3/4                                                                           | 32 | 41                                                     | 57   | 8,5                                                           |  |  |
|                                                                                             |  |                                                                   |             |                                                                               |    |                                                        |      |                                                               |  |  |

(1) Zoll - Inches - Pouces - Pulgadas      Dado graffato - Pressmutter - Crimped back nut - Ecrou agrafé - Tuerca sujecada con grapa

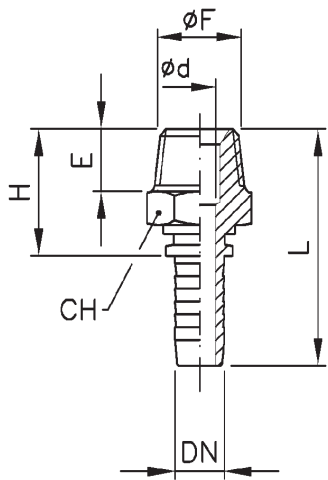
| ADATTATORE 90°<br>MASCHIO GAS CIL. SVASATO 60°<br>FEMMINA GIREVOLE<br>OGIVA 60°     |  | 90° AUSSENGEWINDE<br>ÜBERWURFMUTTER<br>BSP ADAPTER 60° |  | ADAPTER 90°<br>CYLINDRICAL MALE<br>CONED 60° FEMALE CAP<br>SURFACE 60° |            | CONED 90°<br>HBSP 60°<br>FBSP 60° |       | ADAPTADOR 90°<br>MACHO - TUERCA ROSCA<br>GAS ASIENTO 60° |        |        |      |      |
|-------------------------------------------------------------------------------------|--|--------------------------------------------------------|--|------------------------------------------------------------------------|------------|-----------------------------------|-------|----------------------------------------------------------|--------|--------|------|------|
|  |  |                                                        |  | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO                | Ø F<br>GAS | Ø F1<br>GAS                       | CH    | CH1                                                      | H<br>≈ | K<br>≈ | Ø d  | M    |
|                                                                                     |  |                                                        |  | 600030404                                                              | 1/4        | 1/4                               | 19    | 19                                                       | 37     | 32,5   | 5    | 4,5  |
|                                                                                     |  |                                                        |  | 600030606                                                              | 3/8        | 3/8                               | 22    | 22                                                       | 44,5   | 41,5   | 7    | 6    |
|                                                                                     |  |                                                        |  | 600030808                                                              | 1/2        | 1/2                               | 27    | 27                                                       | 50,5   | 46,5   | 10   | 6,5  |
|                                                                                     |  |                                                        |  | 600031010                                                              | 5/8        | 5/8                               | 28    | 30                                                       | 57     | 53     | 12,5 | 9,5  |
|                                                                                     |  |                                                        |  | 600031212                                                              | 3/4        | 3/4                               | 32    | 32                                                       | 62,5   | 57,5   | 15,5 | 8,5  |
|                                                                                     |  |                                                        |  | 600031616                                                              | 1"         | 1"                                | 38/41 | 41                                                       | 75,5   | 67     | 20   | 10,5 |
|                                                                                     |  |                                                        |  | 600032020                                                              | 1" 1/4     | 1"1/4                             | 50    | 50                                                       | 85,5   | 77     | 26   | 10   |
|                                                                                     |  |                                                        |  |                                                                        |            |                                   |       |                                                          |        |        |      |      |
|                                                                                     |  |                                                        |  |                                                                        |            |                                   |       |                                                          |        |        |      |      |

(1) Zoll - Inches - Pouces - Pulgadas      Dado graffato - Pressmutter - Crimped back nut - Ecrou agrafé - Tuerca sujecada con grapa

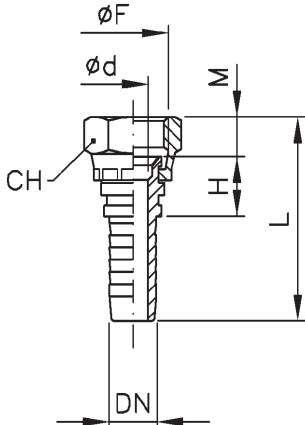


| MASCHIO JIC - UNF<br>CONO 74°<br>SAE J514                                           | AGJ 74° AUSSEWKONUS<br>(UNF-GEWINDE NACH)<br>SAE J514   | JIC MALE<br>74° CONE<br>SAE J514                 | EMBOUT MALE<br>JIC UNF CONE 74°<br>SAE J514 | MACHO ROSCA UNF<br>ASIENTO JIC-74°<br>SAE J514 |    |       |      |      |      |
|-------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------|---------------------------------------------|------------------------------------------------|----|-------|------|------|------|
|  | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo |                                             | Ø F                                            | CH | L     | H    | Ø d  | E    |
|                                                                                     |                                                         | Pollici (1)                                      | mm                                          |                                                |    |       |      |      |      |
|                                                                                     | 600440704                                               | 1/4                                              | 6                                           | 7/16                                           | 14 | 54,8  | 27,5 | 4    | 14   |
|                                                                                     | 600440804                                               | 1/4                                              | 6                                           | 1/2                                            | 14 | 54,8  | 27,5 | 4    | 14   |
|                                                                                     | 600440904                                               | 1/4                                              | 6                                           | 9/16                                           | 17 | 55    | 27,7 | 4    | 14,1 |
|                                                                                     | 600440905                                               | 5/16                                             | 8                                           | 9/16                                           | 17 | 57    | 28,5 | 5,5  | 14,1 |
|                                                                                     | 600440906                                               | 3/8                                              | 10                                          | 9/16                                           | 17 | 57    | 28,5 | 7    | 14,1 |
|                                                                                     | 600441206                                               | 3/8                                              | 10                                          | 3/4                                            | 19 | 60,5  | 32   | 7    | 16,7 |
|                                                                                     | 600441208                                               | 1/2                                              | 13                                          | 3/4                                            | 19 | 62,5  | 32,5 | 10   | 16,7 |
|                                                                                     | 600441406                                               | 3/8                                              | 10                                          | 7/8                                            | 24 | 64,5  | 36   | 7    | 19,3 |
|                                                                                     | 600441408                                               | 1/2                                              | 13                                          | 7/8                                            | 24 | 66,5  | 36,5 | 10   | 19,3 |
|                                                                                     | 600441410                                               | 5/8                                              | 16                                          | 7/8                                            | 24 | 69,5  | 36,5 | 12,5 | 19,3 |
|                                                                                     | 600441708                                               | 1/2                                              | 13                                          | 1" 1/16                                        | 27 | 68,5  | 38,5 | 10   | 21,9 |
|                                                                                     | 600441710                                               | 5/8                                              | 16                                          | 1" 1/16                                        | 27 | 71    | 38,5 | 12,5 | 21,9 |
|                                                                                     | 600441712                                               | 3/4                                              | 19                                          | 1" 1/16                                        | 27 | 78,5  | 39,5 | 15,5 | 21,9 |
|                                                                                     | 600442112                                               | 3/4                                              | 19                                          | 1" 5/16                                        | 36 | 80,5  | 41,5 | 15,5 | 23,1 |
|                                                                                     | 600442116                                               | 1"                                               | 25                                          | 1" 5/16                                        | 36 | 94,5  | 42   | 20   | 23,1 |
|                                                                                     | 600442620                                               | 1" 1/4                                           | 32                                          | 1" 5/8                                         | 46 | 108,5 | 48,5 | 26   | 24,3 |
|                                                                                     | 600443024                                               | 1" 1/2                                           | 38                                          | 1" 7/8                                         | 50 | 123,5 | 53,5 | 32   | 27,5 |
|                                                                                     |                                                         |                                                  |                                             |                                                |    |       |      |      |      |
|                                                                                     |                                                         |                                                  |                                             |                                                |    |       |      |      |      |

(1) Zoll - Inches - Pouces - Pulgadas

| MASCHIO NPTF<br>SVASATO 60°<br>SAE J516                                               | AGN 60° INNEN KONUS<br>(NPTF GEWINDE)<br>NACH SAE J516  | NPTF MALE<br>60° CONE SEAT<br>SAE J516           | EMBOUT MALE NPTF<br>EVASE 60°<br>SAE J516 | MACHO NPTF<br>ASIENTO 60°<br>SAE J516 |    |       |      |      |      |
|---------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------|-------------------------------------------|---------------------------------------|----|-------|------|------|------|
|  | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo |                                           | Ø F                                   | CH | L     | H    | Ø d  | E    |
|                                                                                       | Pollici (1)                                             | mm                                               |                                           |                                       |    |       |      |      |      |
|                                                                                       | 600240204                                               | 1/4                                              | 6                                         | 1/8                                   | 12 | 48,8  | 21,5 | 4    | 10   |
|                                                                                       | 600240404                                               | 1/4                                              | 6                                         | 1/4                                   | 14 | 53,8  | 26,5 | 4    | 14,2 |
|                                                                                       | 600240604                                               | 1/4                                              | 6                                         | 3/8                                   | 19 | 54,8  | 27,5 | 4    | 14,2 |
|                                                                                       | 600240606                                               | 3/8                                              | 10                                        | 3/8                                   | 19 | 56,5  | 28   | 7    | 14,2 |
|                                                                                       | 600240608                                               | 1/2                                              | 13                                        | 3/8                                   | 19 | 58,5  | 28,5 | 10   | 14,2 |
|                                                                                       | 600240806                                               | 3/8                                              | 10                                        | 1/2                                   | 22 | 62,5  | 34   | 7    | 19   |
|                                                                                       | 600240808                                               | 1/2                                              | 13                                        | 1/2                                   | 22 | 64,5  | 34,5 | 10   | 19   |
|                                                                                       | 600240810                                               | 5/8                                              | 16                                        | 1/2                                   | 22 | 67,5  | 34,5 | 12,5 | 19   |
|                                                                                       | 600241210                                               | 5/8                                              | 16                                        | 3/4                                   | 27 | 69,5  | 36,5 | 12,5 | 19   |
|                                                                                       | 600241212                                               | 3/4                                              | 19                                        | 3/4                                   | 27 | 76,5  | 37,5 | 15,5 | 19   |
|                                                                                       | 600241616                                               | 1"                                               | 25                                        | 1"                                    | 36 | 96    | 43,5 | 20   | 23,9 |
|                                                                                       | 600242020                                               | 1" 1/4                                           | 32                                        | 1" 1/4                                | 46 | 106,5 | 46,5 | 26   | 24,6 |
|                                                                                       | 600242424                                               | 1" 1/2                                           | 38                                        | 1" 1/2                                | 50 | 120   | 50   | 32   | 25,4 |
|                                                                                       | 600243232                                               | 2"                                               | 50                                        | 2"                                    | 65 | 129   | 54,5 | 44   | 26,5 |
|                                                                                       |                                                         |                                                  |                                           |                                       |    |       |      |      |      |
|                                                                                       |                                                         |                                                  |                                           |                                       |    |       |      |      |      |

(1) Zoll - Inches - Pouces - Pulgadas

| FEMMINA DIRITTA JIC<br>SVASATA 74° FILETTO UNF<br>SAE J514 - DADO GRAFFATO        | DKJ 74° DICHOT KOPF<br>(UNF GEWINDE NACH<br>SAE J514) PRESSMUTTER | JIC FEMALE 74° CONE<br>SEAT - SAE J514<br>CRIMPED - BACK NUT | EMBOUIT FEMELLE<br>DROIT JIC 74° FILET UNF<br>SAE J514 - ECROU AGRAFE | HEMBRA ROSCA UNF<br>ASIENTO JIC-74° SAE J514<br>TUERCA SUJEDADA CON<br>GRAPA |                                                  |      |       |      |     |      |      |     |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------------------|------|-------|------|-----|------|------|-----|
|  |                                                                   |                                                              |                                                                       | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO                      | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo |      | Ø F   | CH   | Ø d | H    | L    | M   |
|                                                                                   |                                                                   |                                                              |                                                                       | Pollici (1)                                                                  | mm                                               |      |       |      |     |      |      |     |
|                                                                                   |                                                                   |                                                              |                                                                       | 600410704                                                                    | 1/4                                              | 6    | 7/16  | 17   | 4   | 14,7 | 49,5 | 7,5 |
| 600410804                                                                         | 1/4                                                               | 6                                                            | 1/2                                                                   | 19                                                                           | 4                                                | 16,7 | 52,5  | 8,5  |     |      |      |     |
| 600410805                                                                         | 5/16                                                              | 8                                                            | 1/2                                                                   | 19                                                                           | 5,5                                              | 16,7 | 53,7  | 8,5  |     |      |      |     |
| 600410904                                                                         | 1/4                                                               | 6                                                            | 9/16                                                                  | 19                                                                           | 4                                                | 16,7 | 53,5  | 9,5  |     |      |      |     |
| 600410905                                                                         | 5/16                                                              | 8                                                            | 9/16                                                                  | 19                                                                           | 5,5                                              | 18   | 56    | 9,5  |     |      |      |     |
| 600410906                                                                         | 3/8                                                               | 10                                                           | 9/16                                                                  | 19                                                                           | 7                                                | 18   | 56    | 9,5  |     |      |      |     |
| 600411206                                                                         | 3/8                                                               | 10                                                           | 3/4                                                                   | 24                                                                           | 7                                                | 20   | 60    | 11,5 |     |      |      |     |
| 600411208                                                                         | 1/2                                                               | 13                                                           | 3/4                                                                   | 24                                                                           | 10                                               | 21   | 62,5  | 11,5 |     |      |      |     |
| 600411406                                                                         | 3/8                                                               | 10                                                           | 7/8                                                                   | 27                                                                           | 7                                                | 19,5 | 62    | 14   |     |      |      |     |
| 600411408                                                                         | 1/2                                                               | 13                                                           | 7/8                                                                   | 27                                                                           | 10                                               | 20,5 | 64,5  | 14   |     |      |      |     |
| 600411410                                                                         | 5/8                                                               | 16                                                           | 7/8                                                                   | 27                                                                           | 12,5                                             | 20,5 | 67,5  | 14   |     |      |      |     |
| 600411708                                                                         | 1/2                                                               | 13                                                           | 1" 1/16                                                               | 32                                                                           | 10                                               | 21,5 | 66    | 14,5 |     |      |      |     |
| 600411710                                                                         | 5/8                                                               | 16                                                           | 1" 1/16                                                               | 32                                                                           | 12,5                                             | 22   | 69,5  | 14,5 |     |      |      |     |
| 600411712                                                                         | 3/4                                                               | 19                                                           | 1" 1/16                                                               | 32                                                                           | 15,5                                             | 23,5 | 77    | 14,5 |     |      |      |     |
| 600412112                                                                         | 3/4                                                               | 19                                                           | 1" 5/16                                                               | 38                                                                           | 15,5                                             | 24,5 | 78    | 14,5 |     |      |      |     |
| 600412116                                                                         | 1"                                                                | 25                                                           | 1" 5/16                                                               | 38                                                                           | 20                                               | 25   | 92    | 14,5 |     |      |      |     |
| 600412620 (2)                                                                     | 1" 1/4                                                            | 32                                                           | 1" 5/8                                                                | 50                                                                           | 26                                               | 29   | 105,5 | 16,5 |     |      |      |     |
| 600413024 (2)                                                                     | 1" 1/2                                                            | 38                                                           | 1" 7/8                                                                | 55                                                                           | 32                                               | 29,5 | 117,5 | 18   |     |      |      |     |
| 600414032 (2)                                                                     | 2"                                                                | 50                                                           | 2" 1/2                                                                | 75                                                                           | 44                                               | 35,5 | 134   | 24   |     |      |      |     |

(1) Zoll - Inches - Pouces - Pulgadas      (2) Dado spinato - Gestiftete mutter - Thrust wire nut - Ecrou à cheville - Tuerca sujedada con perno

|                                                                                 |                                                                            |                                                                              |                                                                    |                                                                               |
|---------------------------------------------------------------------------------|----------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------------------------------------|
| FEMMINA CURVA 90°<br>JIC - SVASATA 74°<br>FILETTO UNF SAE J514<br>DADO GRAFFATO | DKJ 90° BOGEN 74° DICHT KOPF<br>(UNF GEWINDE NACH<br>SAE J514) PRESSMUTTER | 90° JIC FEMALE SWEPT<br>ELBOW 74° CONE - SEAT<br>SAE J514 CRIMPED - BACK NUT | EMBOUT FEMELLE 90°<br>JIC 74° FILET UNF<br>SAE J514 - ECROU AGRAFE | HEMBRA 90° ROSCA UNF<br>ASIENTO JIC-74° SAE J514<br>TUERCA SUJEDADA CON GRAPA |
|---------------------------------------------------------------------------------|----------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------------------------------------|

| CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo | Ø F | CH      | Ø d | H<br>≈ | L<br>≈ | K<br>≈ | M    |      |
|---------------------------------------------------------|--------------------------------------------------|-----|---------|-----|--------|--------|--------|------|------|
|                                                         | Pollici (1)                                      | mm  |         |     |        |        |        |      |      |
| 600420704                                               | 1/4                                              | 6   | 7/16    | 17  | 4      | 23     | 50,5   | 26   | 7,5  |
| 600420804                                               | 1/4                                              | 6   | 1/2     | 19  | 4      | 23     | 50,5   | 28,5 | 8,5  |
| 600420904                                               | 1/4                                              | 6   | 9/16    | 19  | 4      | 23     | 50,5   | 28,5 | 9,5  |
| 600420905                                               | 5/16                                             | 8   | 9/16    | 19  | 5,5    | 26     | 54,5   | 30,5 | 9,5  |
| 600420906                                               | 3/8                                              | 10  | 9/16    | 19  | 7      | 30,5   | 59     | 35   | 9,5  |
| 600421206                                               | 3/8                                              | 10  | 3/4     | 24  | 7      | 30,5   | 59     | 38   | 11,5 |
| 600421208                                               | 1/2                                              | 13  | 3/4     | 24  | 10     | 38     | 68     | 42   | 11,5 |
| 600421406                                               | 3/8                                              | 10  | 7/8     | 27  | 7      | 30,5   | 59     | 37,5 | 14   |
| 600421408                                               | 1/2                                              | 13  | 7/8     | 27  | 10     | 38     | 68     | 41,5 | 14   |
| 600421410                                               | 5/8                                              | 16  | 7/8     | 27  | 12,5   | 44,5   | 77,5   | 48   | 14   |
| 600421710                                               | 5/8                                              | 16  | 1" 1/16 | 32  | 12,5   | 44,5   | 77,5   | 49,5 | 14,5 |
| 600421712                                               | 3/4                                              | 19  | 1" 1/16 | 32  | 15,5   | 54     | 93     | 56   | 14,5 |
| 600422112                                               | 3/4                                              | 19  | 1" 5/16 | 38  | 15,5   | 54     | 93     | 59   | 14,5 |
| 600422116                                               | 1"                                               | 25  | 1" 5/16 | 38  | 20     | 74,5   | 127    | 69   | 14,5 |
| 600422620 (2)                                           | 1" 1/4                                           | 32  | 1" 5/8  | 50  | 26     | 80     | 140    | 84,5 | 16,5 |
| 600423024 (2)                                           | 1" 1/2                                           | 38  | 1" 7/8  | 55  | 32     | 104    | 174    | 98   | 18   |
|                                                         |                                                  |     |         |     |        |        |        |      |      |

(1) Zoll - Inches - Pouces - Pulgadas      (2) Dado spinato - Gestiftete mutter - Thrust wire nut - Ecrou à cheville - Tuerca sujecada con perno

[illegible]

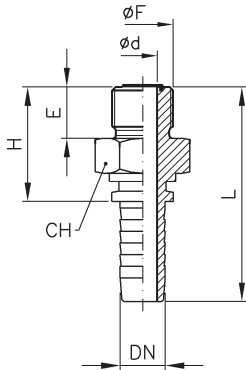
(1) Zoll - Inches - Pouces - Pulgadas      (2) Dado spinato - Gestiftete mutter - Thrust wire nut - Erou à cheville - Tuerca sujedada con perno

[illegible]

(1) Zoll - Inches - Pouces - Pulgadas      Dado graffato - Pressmutter - Crimped back nut - Ecrou agrafé - Tuerca sujeta con grapa





| MASCHIO ORFS<br>SAE J1453                                                         | DK ORFS - AUBENGWINDE<br>NACH SAE J1453 | ORFS MALE<br>SAE J1453                                  | ORFS EMBOUT MALE<br>SAE J1453                    | ORFS MACHO<br>SAE J1453 |          |     |      |      |      |       |  |
|-----------------------------------------------------------------------------------|-----------------------------------------|---------------------------------------------------------|--------------------------------------------------|-------------------------|----------|-----|------|------|------|-------|--|
|  |                                         | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo |                         | Ø F      | CH1 | H    | Ø d  | E    | L     |  |
|                                                                                   |                                         | Pollici (1)                                             | mm                                               |                         |          |     |      |      |      |       |  |
|                                                                                   |                                         | 600100404                                               | 1/4                                              | 6                       | 9/16     | 17  | 25,7 | 4    | 10   | 53    |  |
|                                                                                   |                                         | 600100606                                               | 3/8                                              | 10                      | 11/16    | 19  | 28,5 | 7    | 11   | 57    |  |
|                                                                                   |                                         | 600100808                                               | 1/2                                              | 12                      | 13/16    | 22  | 32,5 | 10   | 13   | 62,5  |  |
|                                                                                   |                                         | 600101010                                               | 5/8                                              | 16                      | 1"       | 27  | 37   | 12,5 | 15,5 | 70    |  |
|                                                                                   |                                         | 600101212                                               | 3/4                                              | 19                      | 1" 3/16  | 32  | 40,5 | 15,5 | 17   | 79,2  |  |
|                                                                                   |                                         | 600101616                                               | 1"                                               | 25                      | 1" 7/16  | 38  | 43   | 20   | 17,5 | 95,5  |  |
|                                                                                   |                                         | 600102020                                               | 1" 1/4                                           | 31                      | 1" 11/16 | 46  | 46,5 | 26   | 17,5 | 106,5 |  |
|                                                                                   |                                         |                                                         |                                                  |                         |          |     |      |      |      |       |  |

(1) Zoll - Inches - Pouces - Pulgadas

| FEMMINA ORFS<br>SAE J1453<br>DADO GRAFFATO | DK ORFS - UNF GEWINDE NACH<br>SAE J1453 PRESSMUTTER | ORFS FEMALE<br>SAE J1453<br>CRIMPED - BACK NUT          | ORFS FEMELLE<br>SAE J1453<br>ECROU AGRAFE        | ORFS HEMBRA SAE J1453<br>TUERCA SUJEDADA<br>CON GRAPA |          |    |      |      |      |      |    |
|--------------------------------------------|-----------------------------------------------------|---------------------------------------------------------|--------------------------------------------------|-------------------------------------------------------|----------|----|------|------|------|------|----|
|                                            |                                                     | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo | Ø F                                                   | CH1      | M  | H    | Ø d  | L    | CH   |    |
|                                            |                                                     | Pollici (1)                                             | mm                                               |                                                       |          |    |      |      |      |      |    |
|                                            |                                                     | 600110404                                               | 1/4                                              | 6                                                     | 9/16     | 14 | 8    | 28   | 4    | 63   | 17 |
|                                            |                                                     | 600110604                                               | 1/4                                              | 6                                                     | 11/16    | 17 | 9,5  | 30,5 | 4    | 67,5 | 22 |
|                                            |                                                     | 600110605                                               | 5/16                                             | 8                                                     | 11/16    | 17 | 9,5  | 31   | 5,5  | 69   | 22 |
|                                            |                                                     | 600110606                                               | 3/8                                              | 10                                                    | 11/16    | 17 | 9,5  | 31   | 7    | 69   | 22 |
|                                            |                                                     | 600110808                                               | 1/2                                              | 13                                                    | 13/16    | 19 | 11   | 36,5 | 10   | 77   | 24 |
|                                            |                                                     | 600111008                                               | 1/2                                              | 13                                                    | 1"       | 24 | 13,5 | 39,5 | 10   | 82,5 | 30 |
|                                            |                                                     | 600111010                                               | 5/8                                              | 16                                                    | 1"       | 24 | 13,5 | 39,5 | 12,5 | 85,5 | 30 |
|                                            |                                                     | 600111212                                               | 3/4                                              | 19                                                    | 1" 3/16  | 30 | 14,5 | 43,5 | 15,5 | 97   | 36 |
|                                            |                                                     | 600111616                                               | 1"                                               | 25                                                    | 1" 7/16  | 36 | 15   | 46,5 | 20   | 114  | 41 |
|                                            |                                                     | 600112020                                               | 1" 1/4                                           | 32                                                    | 1" 11/16 | 41 | 15   | 49   | 26   | 124  | 50 |
|                                            |                                                     |                                                         |                                                  |                                                       |          |    |      |      |      |      |    |

(1) Zoll - Inches - Pouces - Pulgadas

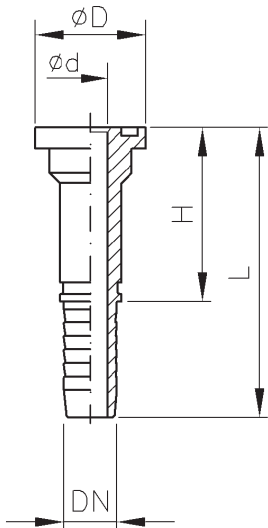
| FEMMINA CURVA 90° ORFS -<br>SAE J1453<br>DADO SFILABILE | DK 90° BOGEN ORFS UNF<br>GEWINDE NACH SAE J1453<br>HINTERLEGTE MUTTER | 90° ORFS FEMALE<br>SAE J1453<br>(SLIP-ON NUT)           | ORFS FEMELLE 90°<br>SAE J1453<br>ECROU DETACHABLE | CODO HEMBRA 90°<br>SAE J1453<br>TUERCA SEPARABLE |         |    |      |        |      |        |        |
|---------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|---------|----|------|--------|------|--------|--------|
|                                                         |                                                                       | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo  |                                                  | Ø F     | CH | M    | H<br>≈ | Ø d  | K<br>≈ | L<br>≈ |
|                                                         |                                                                       | Pollici (1)                                             | mm                                                |                                                  |         |    |      |        |      |        |        |
|                                                         |                                                                       | 600120404                                               | 1/4                                               | 6                                                | 9/16    | 17 | 8    | 27,5   | 4    | 24     | 54,8   |
|                                                         |                                                                       | 600120606                                               | 3/8                                               | 10                                               | 11/16   | 22 | 9,5  | 32     | 7    | 29,5   | 60,5   |
|                                                         |                                                                       | 600120808                                               | 1/2                                               | 13                                               | 13/16   | 24 | 11   | 40,5   | 10   | 36,5   | 70,5   |
|                                                         |                                                                       | 600121008                                               | 1/2                                               | 13                                               | 1"      | 30 | 13,5 | 40,5   | 10   | 38     | 70,5   |
|                                                         |                                                                       | 600121010                                               | 5/8                                               | 16                                               | 1"      | 30 | 13,5 | 48     | 12,5 | 42,5   | 81     |
|                                                         |                                                                       | 600121212                                               | 3/4                                               | 19                                               | 1"3/16  | 36 | 14,5 | 56,5   | 15,5 | 48     | 95,5   |
|                                                         |                                                                       | 600121616                                               | 1"                                                | 25                                               | 1"7/16  | 41 | 15   | 71,5   | 20   | 58,5   | 124    |
|                                                         |                                                                       | 600122020                                               | 1" 1/4                                            | 32                                               | 1"11/16 | 50 | 15   | 83     | 26   | 67,5   | 143    |
|                                                         |                                                                       |                                                         |                                                   |                                                  |         |    |      |        |      |        |        |

(1) Zoll - Inches - Pouces - Pulgadas



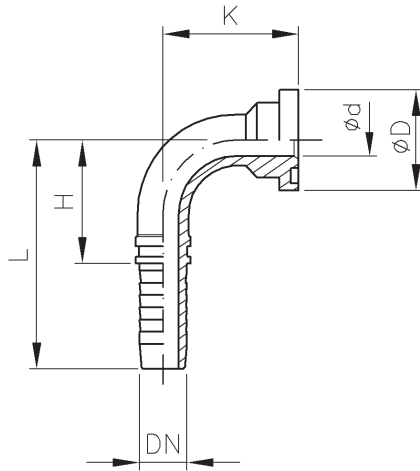
| FEMMINA CURVA 45°<br>ORFS - SAE J1453<br>DADO SFILABILE |  | DK 45° BOGEN ORFS UNF<br>GEWINDE NACH SAE J1453<br>HINTERLEGTE MUTTER |       | 45° ORFS FEMALE<br>SAE J1453<br>(SLIP-ON NUT)    |          | ORFS FEMELLE 45°<br>SAE J1453<br>ECROU DETACHABLE |      | CODO HEMBRA 45°<br>SAE J1453<br>TUERCA SEPARABLE |        |      |        |        |
|---------------------------------------------------------|--|-----------------------------------------------------------------------|-------|--------------------------------------------------|----------|---------------------------------------------------|------|--------------------------------------------------|--------|------|--------|--------|
|                                                         |  | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO               |       | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo |          | Ø F                                               | CH   | M                                                | H<br>≈ | Ø d  | K<br>≈ | L<br>≈ |
|                                                         |  |                                                                       |       | Pollici (1)                                      | mm       |                                                   |      |                                                  |        |      |        |        |
|                                                         |  | 600130404                                                             | 1/4   | 6                                                | 9/16     | 17                                                | 8    | 41,3                                             | 4      | 12   | 68,5   |        |
|                                                         |  | 600130606                                                             | 3/8   | 10                                               | 11/16    | 22                                                | 9,5  | 49                                               | 7      | 13   | 77,5   |        |
|                                                         |  | 600130808                                                             | 1/2   | 13                                               | 13/16    | 24                                                | 11   | 61,5                                             | 10     | 17   | 91,5   |        |
|                                                         |  | 600131010                                                             | 5/8   | 16                                               | 1"       | 30                                                | 13,5 | 72                                               | 12,5   | 19   | 105    |        |
|                                                         |  | 600131212                                                             | 3/4   | 19                                               | 1" 3/16  | 36                                                | 14,5 | 60,5                                             | 15,5   | 21,5 | 99,5   |        |
|                                                         |  | 600131616                                                             | 1"    | 25                                               | 1" 7/16  | 41                                                | 15   | 70,5                                             | 20     | 25   | 123    |        |
|                                                         |  | 600132020                                                             | 1"1/4 | 32                                               | 1" 11/16 | 50                                                | 15   | 81                                               | 26     | 27   | 141    |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |
|                                                         |  |                                                                       |       |                                                  |          |                                                   |      |                                                  |        |      |        |        |

(1) Zoll - Inches - Pouces - Pulgadas

| FLANGIA DIRITTA<br>3000 PSI<br>SAE J518                                               |  | SAE J518 FLANSCHANSCHLUSS<br>3000 PSI/SFL               |                                                  | SAE J518<br>STRAIGHT FLANGE<br>3000 PSI |              | EMBOUT A BRIDE<br>SAE J518<br>3000 PSI DROIT |      | BRIDA RECTA<br>3000 PSI<br>SAE J518 |       |  |
|---------------------------------------------------------------------------------------|--|---------------------------------------------------------|--------------------------------------------------|-----------------------------------------|--------------|----------------------------------------------|------|-------------------------------------|-------|--|
|  |  | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo |                                         | Ø<br>FLANGIA | Ø D                                          | Ø d  | H                                   | L     |  |
|                                                                                       |  |                                                         | Pollici (1)                                      | mm                                      |              |                                              |      |                                     |       |  |
|                                                                                       |  | 600353008                                               | 1/2                                              | 13                                      | 1/2          | 30,2                                         | 10   | 51                                  | 81    |  |
|                                                                                       |  | 600353808                                               | 1/2                                              | 13                                      | 3/4          | 38,1                                         | 10   | 57,5                                | 87,5  |  |
|                                                                                       |  | 600353812                                               | 3/4                                              | 19                                      | 3/4          | 38,1                                         | 15,5 | 58                                  | 97    |  |
|                                                                                       |  | 600354412                                               | 3/4                                              | 19                                      | 1"           | 44,5                                         | 15,5 | 58                                  | 97    |  |
|                                                                                       |  | 600354416                                               | 1"                                               | 25                                      | 1"           | 44,5                                         | 20   | 64,5                                | 117   |  |
|                                                                                       |  | 600355116                                               | 1"                                               | 25                                      | 1" 1/4       | 50,8                                         | 20   | 70,5                                | 123   |  |
|                                                                                       |  | 600355120                                               | 1" 1/4                                           | 32                                      | 1" 1/4       | 50,8                                         | 26   | 70,5                                | 130,5 |  |
|                                                                                       |  | 600356020                                               | 1" 1/4                                           | 32                                      | 1" 1/2       | 60,3                                         | 26   | 72,5                                | 132,5 |  |
|                                                                                       |  | 600356024                                               | 1" 1/2                                           | 38                                      | 1" 1/2       | 60,3                                         | 32   | 75,5                                | 145,5 |  |
|                                                                                       |  | 600357124                                               | 1" 1/2                                           | 38                                      | 2"           | 71,4                                         | 32   | 75,5                                | 145,5 |  |
|                                                                                       |  | 6003S7132                                               | 2"                                               | 50                                      | 2"           | 71,4                                         | 44   | 79                                  | 153,5 |  |
|                                                                                       |  |                                                         |                                                  |                                         |              |                                              |      |                                     |       |  |
|                                                                                       |  |                                                         |                                                  |                                         |              |                                              |      |                                     |       |  |
|                                                                                       |  |                                                         |                                                  |                                         |              |                                              |      |                                     |       |  |
|                                                                                       |  |                                                         |                                                  |                                         |              |                                              |      |                                     |       |  |
|                                                                                       |  |                                                         |                                                  |                                         |              |                                              |      |                                     |       |  |
|                                                                                       |  |                                                         |                                                  |                                         |              |                                              |      |                                     |       |  |

(1) Zoll - Inches - Pouces - Pulgadas



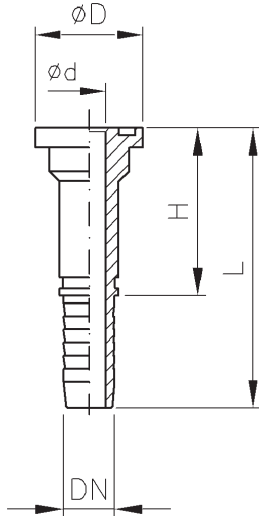
| FLANGIA CURVA 90°<br>3000 PSI<br>SAE J518                                         | 90° SAE J518<br>FLANSCHANSCHLUSS<br>3000 PSI/SFL        | 90° SAE J518<br>FLANGE<br>3000 PSI               | EMBOUT A BRIDE 90°<br>SAE J518<br>3000 PSI |           |      | BRIDA 90°<br>3000 PSI<br>SAE J518 |        |        |        |
|-----------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------|--------------------------------------------|-----------|------|-----------------------------------|--------|--------|--------|
|  | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo |                                            | Ø FLANGIA | Ø D  | Ø d                               | H<br>≈ | L<br>≈ | K<br>≈ |
|                                                                                   | Pollici (1)                                             | mm                                               |                                            |           |      |                                   |        |        |        |
|                                                                                   | 600363008                                               | 1/2                                              | 13                                         | 1/2       | 30,2 | 10                                | 54,5   | 84,5   | 40     |
|                                                                                   | 600363808                                               | 1/2                                              | 13                                         | 3/4       | 38,1 | 10                                | 54,5   | 84,5   | 44     |
|                                                                                   | 600363812                                               | 3/4                                              | 19                                         | 3/4       | 38,1 | 15,5                              | 64,5   | 103,5  | 52     |
|                                                                                   | 600364412                                               | 3/4                                              | 19                                         | 1"        | 44,5 | 15,5                              | 64,5   | 103,5  | 54     |
|                                                                                   | 600364416                                               | 1"                                               | 25                                         | 1"        | 44,5 | 20                                | 77,5   | 130    | 62     |
|                                                                                   | 600365116                                               | 1"                                               | 25                                         | 1" 1/4    | 50,8 | 20                                | 77,5   | 130    | 63,5   |
|                                                                                   | 600365120                                               | 1" 1/4                                           | 32                                         | 1" 1/4    | 50,8 | 26                                | 93,5   | 153,5  | 75     |
|                                                                                   | 600366020                                               | 1" 1/4                                           | 32                                         | 1" 1/2    | 60,3 | 26                                | 93,5   | 153,5  | 77     |
|                                                                                   | 600366024                                               | 1" 1/2                                           | 38                                         | 1" 1/2    | 60,3 | 32                                | 111    | 181    | 89     |
|                                                                                   | 600367124                                               | 1" 1/2                                           | 38                                         | 2"        | 71,4 | 32                                | 111    | 181    | 89     |
|                                                                                   | 600367132                                               | 2"                                               | 50                                         | 2"        | 71,4 | 44                                | 129    | 203,5  | 112    |
|                                                                                   |                                                         |                                                  |                                            |           |      |                                   |        |        |        |
|                                                                                   |                                                         |                                                  |                                            |           |      |                                   |        |        |        |
|                                                                                   |                                                         |                                                  |                                            |           |      |                                   |        |        |        |
|                                                                                   |                                                         |                                                  |                                            |           |      |                                   |        |        |        |
|                                                                                   |                                                         |                                                  |                                            |           |      |                                   |        |        |        |
|                                                                                   |                                                         |                                                  |                                            |           |      |                                   |        |        |        |
|                                                                                   |                                                         |                                                  |                                            |           |      |                                   |        |        |        |

(1) Zoll - Inches - Pouces - Pulgadas

| FLANGIA CURVA 45°<br>3000 PSI<br>SAE J518 | 45° SAE J518<br>FLANSCHANSCHLUSS<br>3000 PSI/SFL        | 45° SAE J518<br>FLANGE<br>3000 PSI               | EMBOUT A BRIDE 45°<br>SAE J518<br>3000 PSI |              |      | BRIDA 45°<br>3000 PSI<br>SAE J518 |        |        |        |
|-------------------------------------------|---------------------------------------------------------|--------------------------------------------------|--------------------------------------------|--------------|------|-----------------------------------|--------|--------|--------|
|                                           | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo |                                            | Ø<br>FLANGIA | Ø D  | Ø d                               | H<br>≈ | L<br>≈ | K<br>≈ |
|                                           |                                                         | Pollici (1)                                      | mm                                         |              |      |                                   |        |        |        |
|                                           | 600373008                                               | 1/2                                              | 13                                         | 1/2          | 30,2 | 10                                | 58,5   | 88,5   | 19,5   |
|                                           | 600373808                                               | 1/2                                              | 13                                         | 3/4          | 38,1 | 10                                | 59,5   | 89,5   | 22     |
|                                           | 600373812                                               | 3/4                                              | 19                                         | 3/4          | 38,1 | 15,5                              | 68,5   | 107,5  | 24     |
|                                           | 600374412                                               | 3/4                                              | 19                                         | 1"           | 44,5 | 15,5                              | 68,5   | 107,5  | 25,5   |
|                                           | 600374416                                               | 1"                                               | 25                                         | 1"           | 44,5 | 20                                | 82     | 134,5  | 27,5   |
|                                           | 600375116                                               | 1"                                               | 25                                         | 1" 1/4       | 50,8 | 20                                | 82     | 134,5  | 28,5   |
|                                           | 600375120                                               | 1" 1/4                                           | 32                                         | 1" 1/4       | 50,8 | 26                                | 95,5   | 155,5  | 32     |
|                                           | 600376020                                               | 1" 1/4                                           | 32                                         | 1" 1/2       | 60,3 | 26                                | 97     | 157    | 33,5   |
|                                           | 600376024                                               | 1" 1/2                                           | 38                                         | 1" 1/2       | 60,3 | 32                                | 111    | 181    | 37     |
|                                           | 600377124                                               | 1" 1/2                                           | 38                                         | 2"           | 71,4 | 32                                | 111    | 181    | 38     |
|                                           | 600377132                                               | 2"                                               | 50                                         | 2"           | 71,4 | 44                                | 124    | 198,5  | 41,5   |
|                                           |                                                         |                                                  |                                            |              |      |                                   |        |        |        |
|                                           |                                                         |                                                  |                                            |              |      |                                   |        |        |        |
|                                           |                                                         |                                                  |                                            |              |      |                                   |        |        |        |
|                                           |                                                         |                                                  |                                            |              |      |                                   |        |        |        |
|                                           |                                                         |                                                  |                                            |              |      |                                   |        |        |        |
|                                           |                                                         |                                                  |                                            |              |      |                                   |        |        |        |

(1) Zoll - Inches - Pouces - Pulgadas



| FLANGIA DIRITTA<br>6000 PSI<br>SAE J518                                             | SAE J518 FLANSCHANSCHLUSS<br>6000 PSI/SFS               | SAE J518<br>STRAIGHT FLANGE<br>6000 PSI          |    | EMBOUT A BRIDE<br>SAE 6000 PSI DROIT<br>SAE J518 |      |      | BRIDA RECTA<br>6000 PSI<br>SAE J518 |       |  |
|-------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------|----|--------------------------------------------------|------|------|-------------------------------------|-------|--|
|  | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo |    | Ø<br>FLANGIA                                     | Ø D  | Ø d  | H                                   | L     |  |
|                                                                                     | Pollici (1)                                             | mm                                               |    |                                                  |      |      |                                     |       |  |
|                                                                                     | 600383208                                               | 1/2                                              | 13 | 1/2                                              | 31,7 | 10   | 52                                  | 82    |  |
|                                                                                     | 600384108                                               | 1/2                                              | 13 | 3/4                                              | 41,3 | 10   | 68,5                                | 98,5  |  |
|                                                                                     | 600384112                                               | 3/4                                              | 19 | 3/4                                              | 41,3 | 15,5 | 69                                  | 108   |  |
|                                                                                     | 600384712                                               | 3/4                                              | 19 | 1"                                               | 47,6 | 15,5 | 81                                  | 120   |  |
|                                                                                     | 600384716                                               | 1"                                               | 25 | 1"                                               | 47,6 | 20   | 82                                  | 134,5 |  |
|                                                                                     | 600385416                                               | 1"                                               | 25 | 1" 1/4                                           | 54   | 20   | 89                                  | 141,5 |  |
|                                                                                     | 600385420                                               | 1" 1/4                                           | 32 | 1" 1/4                                           | 54   | 26   | 84,5                                | 144,5 |  |
|                                                                                     | 600386320                                               | 1" 1/4                                           | 32 | 1" 1/2                                           | 63,5 | 26   | 90,5                                | 150,5 |  |
|                                                                                     | 600386324                                               | 1" 1/2                                           | 38 | 1" 1/2                                           | 63,5 | 32   | 92,5                                | 162,5 |  |
|                                                                                     | 600387932                                               | 2"                                               | 50 | 2"                                               | 79,4 | 44   | 107                                 | 181,5 |  |
|                                                                                     |                                                         |                                                  |    |                                                  |      |      |                                     |       |  |
|                                                                                     |                                                         |                                                  |    |                                                  |      |      |                                     |       |  |
|                                                                                     |                                                         |                                                  |    |                                                  |      |      |                                     |       |  |
|                                                                                     |                                                         |                                                  |    |                                                  |      |      |                                     |       |  |
|                                                                                     |                                                         |                                                  |    |                                                  |      |      |                                     |       |  |
|                                                                                     |                                                         |                                                  |    |                                                  |      |      |                                     |       |  |
|                                                                                     |                                                         |                                                  |    |                                                  |      |      |                                     |       |  |
|                                                                                     |                                                         |                                                  |    |                                                  |      |      |                                     |       |  |
|                                                                                     |                                                         |                                                  |    |                                                  |      |      |                                     |       |  |

(1) Zoll - Inches - Pouces - Pulgadas

| FLANGIA CURVA<br>90° 6000 PSI<br>SAE J518 | 90° SAE J518<br>FLANSCHANSCHLUSS<br>6000 PSI/SFS        | 90° SAE J518<br>FLANGE<br>6000 PSI               | EMBOUT A BRIDE 90°<br>SAE J518<br>6000 PSI | BRIDA 90°<br>6000 PSI<br>SAE J518 |      |      |        |        |        |
|-------------------------------------------|---------------------------------------------------------|--------------------------------------------------|--------------------------------------------|-----------------------------------|------|------|--------|--------|--------|
|                                           | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo |                                            | Ø FLANGIA                         | Ø D  | Ø d  | H<br>≈ | L<br>≈ | K<br>≈ |
|                                           |                                                         | Pollici (1)                                      | mm                                         |                                   |      |      |        |        |        |
|                                           | 600393208                                               | 1/2                                              | 13                                         | 1/2                               | 31,7 | 10   | 54,5   | 84,5   | 45     |
|                                           | 600394108                                               | 1/2                                              | 13                                         | 3/4                               | 41,3 | 10   | 54,5   | 84,5   | 53     |
|                                           | 600394112                                               | 3/4                                              | 19                                         | 3/4                               | 41,3 | 15,5 | 64     | 103    | 61     |
|                                           | 600394712                                               | 3/4                                              | 19                                         | 1"                                | 47,6 | 15,5 | 64,5   | 103,5  | 67     |
|                                           | 600394716                                               | 1"                                               | 25                                         | 1"                                | 47,6 | 20   | 74,5   | 127    | 73     |
|                                           | 600395416                                               | 1"                                               | 25                                         | 1" 1/4                            | 54   | 20   | 74,5   | 127    | 80     |
|                                           | 600395420                                               | 1" 1/4                                           | 32                                         | 1" 1/4                            | 54   | 26   | 88,5   | 148,5  | 91     |
|                                           | 600396320                                               | 1" 1/4                                           | 32                                         | 1" 1/2                            | 63,5 | 26   | 88,5   | 148,5  | 99,5   |
|                                           | 600396324                                               | 1" 1/2                                           | 38                                         | 1" 1/2                            | 63,5 | 32   | 108    | 178    | 107,5  |
|                                           | 600397932                                               | 2"                                               | 50                                         | 2"                                | 79,4 | 44   | 134    | 208,5  | 132    |
|                                           |                                                         |                                                  |                                            |                                   |      |      |        |        |        |
|                                           |                                                         |                                                  |                                            |                                   |      |      |        |        |        |
|                                           |                                                         |                                                  |                                            |                                   |      |      |        |        |        |
|                                           |                                                         |                                                  |                                            |                                   |      |      |        |        |        |
|                                           |                                                         |                                                  |                                            |                                   |      |      |        |        |        |
|                                           |                                                         |                                                  |                                            |                                   |      |      |        |        |        |
|                                           |                                                         |                                                  |                                            |                                   |      |      |        |        |        |

(1) Zoll - Inches - Pouces - Pulgadas

[illegible]

(1) Zoll - Inches - Pouces - Pulgadas

[illegible]

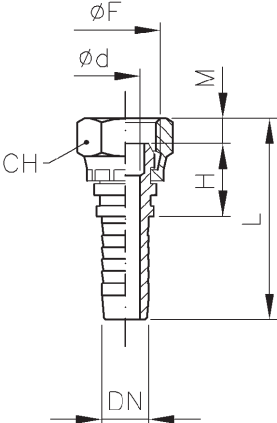
**(1) Zoll - Inches - Pouces - Pulgadas**

[illegible]

(1) Zoll - Inches - Pouces - Pulgadas





| FEMMINA DIRITTA CONO 60°<br>DIN 3863 FILETTO METRICO<br>DADO GRAFFATO             | DKM 60° KONUS<br>DIN 3863<br>PRESSMUTTER                | METRIC FEMALE<br>60° CONE - DIN 3863<br>CRIMPED - BACK NUT | EMBOUT FEMELLE DROIT<br>CONE 60° - DIN 3863<br>FILET METRIQUE<br>ECROU AGRAFE | HEMBRA ROSCA METRICA<br>ASIENTO 60° - DIN 3863<br>TUERCA SUJEDADA<br>CON GRAPA |    |      |      |       |     |  |
|-----------------------------------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------|----|------|------|-------|-----|--|
|  | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo           |                                                                               | Ø F                                                                            | CH | Ø d  | H    | L     | M   |  |
|                                                                                   |                                                         | Pollici (1)                                                | mm                                                                            |                                                                                |    |      |      |       |     |  |
|                                                                                   | 600261204                                               | 1/4                                                        | 6                                                                             | M12x1,5                                                                        | 17 | 4    | 17   | 48,5  | 4,5 |  |
|                                                                                   | 600261404                                               | 1/4                                                        | 6                                                                             | M14x1,5                                                                        | 19 | 4    | 18   | 49    | 3,5 |  |
|                                                                                   | 600261604                                               | 1/4                                                        | 6                                                                             | M16x1,5                                                                        | 22 | 4    | 19   | 51,5  | 5,5 |  |
|                                                                                   | 600261605                                               | 5/16                                                       | 8                                                                             | M16x1,5                                                                        | 22 | 5,5  | 20   | 54    | 5,5 |  |
|                                                                                   | 600261805                                               | 5/16                                                       | 8                                                                             | M18x1,5                                                                        | 24 | 5,5  | 22   | 54,5  | 4   |  |
|                                                                                   | 600261606                                               | 3/8                                                        | 10                                                                            | M16x1,5                                                                        | 22 | 7    | 20   | 54    | 5,5 |  |
|                                                                                   | 600261806                                               | 3/8                                                        | 10                                                                            | M18x1,5                                                                        | 24 | 7    | 22   | 54,5  | 4   |  |
|                                                                                   | 600262006                                               | 3/8                                                        | 10                                                                            | M20x1,5                                                                        | 27 | 7    | 22   | 56,5  | 6   |  |
|                                                                                   | 600262206                                               | 3/8                                                        | 10                                                                            | M22x1,5                                                                        | 27 | 7    | 24,5 | 57,5  | 4,5 |  |
|                                                                                   | 600262008                                               | 1/2                                                        | 13                                                                            | M20x1,5                                                                        | 27 | 10   | 22,5 | 58,5  | 6   |  |
|                                                                                   | 600262208                                               | 1/2                                                        | 13                                                                            | M22x1,5                                                                        | 27 | 10   | 25   | 58,5  | 4,5 |  |
|                                                                                   | 600262610                                               | 5/8                                                        | 16                                                                            | M26x1,5                                                                        | 32 | 12,5 | 24   | 63,5  | 6,5 |  |
|                                                                                   | 600262612                                               | 3/4                                                        | 19                                                                            | M26x1,5                                                                        | 32 | 15,5 | 25,5 | 71    | 6,5 |  |
|                                                                                   | 600263012                                               | 3/4                                                        | 19                                                                            | M30x1,5                                                                        | 36 | 15,5 | 30   | 74,5  | 5,5 |  |
|                                                                                   | 600263816 (2)                                           | 1"                                                         | 25                                                                            | M38x1,5                                                                        | 46 | 20   | 33,5 | 92,5  | 6,5 |  |
|                                                                                   | 600264520 (2)                                           | 1" 1/4                                                     | 32                                                                            | M45x1,5                                                                        | 55 | 26   | 37,5 | 102,5 | 5   |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |
|                                                                                   |                                                         |                                                            |                                                                               |                                                                                |    |      |      |       |     |  |

**RASTELLI RACCORDI - s.r.l.**  
I - 27019 VILLANTERIO (PV)

(1) Zoll - Inches - Pouces - Pulgadas      (2) Dado spinato - Gestiftete mutter - Thrust wire nut - Ecrou à cheville - Tuerca sujecada con perno

(1) Zoll - Inches - Pouces - Pulgadas      Dado sfilabile - Hinterlegte mutter - Slip-on nut - Ecrou détachable - Tuerca separable

**RASTELLI RACCORDI - s.r.l.**  
I - 27019 VILLANTERIO (PV)

(1) Zoll - Inches - Pouces - Pulgadas

(1) Zoll - Inches - Pouces - Pulgadas      (2) Dado graffato - Pressmutter - Crimped back nut - Ecrou agrafé - Tuerca sujeta con grapa

(1) Zoll - Inches - Pouces - Pulgadas    (2) Dado graffato - Pressmutter - Crimped back nut - Ecrou agrafé - Tuerca sujeta con grapa

(1) Zoll - Inches - Pouces - Pulgadas      Dado sfilabile - Hinterlegte mutter - Slip-on nut - Ecrou détachable - Tuerca separable

(1) Zoll - Inches - Pouces - Pulgadas

(1) Zoll - Inches - Pouces - Pulgadas      Dado sfilabile - Hinterlegte mutter - Slip-on nut - Ecrou détachable - Tuerca separable



[illegible]

(1) Zoll - Inches - Pouces - Pulgadas

**Dado sfilabile - Hinterlegte mutter - Slip-on nut - Ecrou détachable - Tuerca separable**

[illegible]

(1) Zoll - Inches - Pouces - Pulgadas

Dado sfilabile - Hinterlegte mutter - Slip-on nut - Ecrou détachable - Tuerca separable

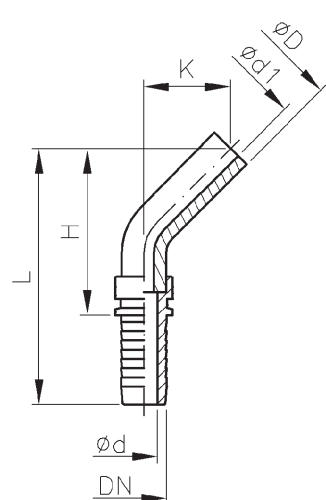
[illegible]

(1) Zoll - Inches - Pouces - Pulgadas

[illegible]

(1) Zoll - Inches - Pouces - Pulgadas



| ESTREMITÀ CURVA 45°<br>SERIE LEGGERA<br>DIN 2353                                  | BEL 45° BOGEN<br>DIN 2353                               | 45° METRIC<br>STAND PIPE L.T.<br>DIN 2353        | EMBOUT LISSE 45°<br>SERIE L - DIN 2353 | ESPIGA LISA 45°<br>SERIE L - DIN 2353 |      |        |        |        |      |      |
|-----------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------|----------------------------------------|---------------------------------------|------|--------|--------|--------|------|------|
|  | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo | Ø<br>DIN                               | Ø D                                   | Ø d1 | H<br>≈ | L<br>≈ | K<br>≈ | Ø d  |      |
|                                                                                   |                                                         | Pollici (1)                                      | mm                                     |                                       |      |        |        |        |      |      |
|                                                                                   | 600480804                                               | 1/4                                              | 6                                      | 8 L                                   | 8    | 5      | 44     | 71,3   | 22   | 4    |
|                                                                                   | 600481206                                               | 3/8                                              | 10                                     | 12 L                                  | 12   | 8      | 49     | 77,5   | 23,5 | 7    |
|                                                                                   | 600481508                                               | 1/2                                              | 13                                     | 15 L                                  | 15   | 11     | 54,5   | 84,5   | 27,5 | 10   |
|                                                                                   | 600481810                                               | 5/8                                              | 16                                     | 18 L                                  | 18   | 15     | 61     | 94     | 28,5 | 12,5 |
|                                                                                   | 600482212                                               | 3/4                                              | 19                                     | 22 L                                  | 22   | 17     | 67     | 106    | 32,5 | 15,5 |
|                                                                                   | 600483520                                               | 1" 1/4                                           | 32                                     | 35 L                                  | 35   | 29     | 96     | 156    | 46   | 26   |
|                                                                                   | 600484224                                               | 1" 1/2                                           | 38                                     | 42 L                                  | 42   | 36     | 113,5  | 183,5  | 54   | 32   |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        |        |      |      |
|                                                                                   |                                                         |                                                  |                                        |                                       |      |        |        | </     |      |      |

**(1) Zoll - Inches - Pouces - Pulgadas**

[illegible]

(1) Zoll - Inches - Pouces - Pulgadas

[illegible]

(1) Zoll - Inches - Pouces - Pulgadas

[illegible]

(1) Zoll - Inches - Pouces - Pulgadas

[illegible]

(1) Zoll - Inches - Pouces - Pulgadas

[illegible]

(1) Zoll - Inches - Pouces - Pulgadas

Dado sfilabile - Hinterlegte mutter - Slip-on nut - Eroux détachable - Tuerca separable

[illegible]

(1) Zoll - Inches - Pouces - Pulgadas

**Dado sfilabile - Hinterlegte mutter - Slip-on nut - Ecrou détachable - Tuerca separable**

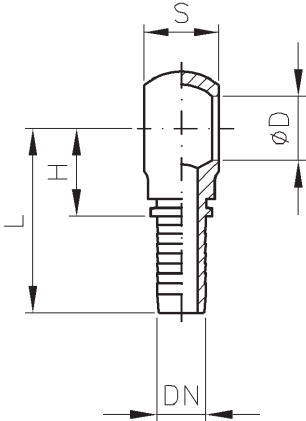
[illegible]

(1) Zoll - Inches - Pouces - Pulgadas

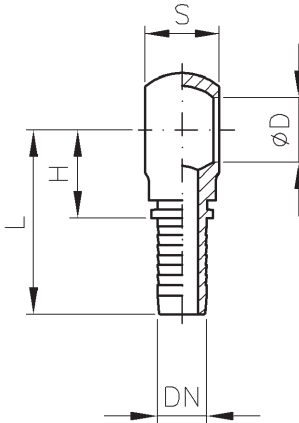


ORIENTABILE / BANJO



| ORIENTABILE<br>FILETTO GAS                                                        |    | RINGNIPPEL FÜR BSP<br>HOLSCHRAUBE                       |                                                  | BSP BANJO |     | BANJO A SERTIR<br>BSP |      | ESFERICO<br>ORIENTABLE GAS |  |  |  |  |
|-----------------------------------------------------------------------------------|----|---------------------------------------------------------|--------------------------------------------------|-----------|-----|-----------------------|------|----------------------------|--|--|--|--|
|  |    | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo |           | Ø D | H                     | L    | S                          |  |  |  |  |
|                                                                                   |    |                                                         | Pollici (1)                                      | mm        |     |                       |      |                            |  |  |  |  |
|                                                                                   |    | 600190404                                               | 1/4                                              | 6         | 1/4 | 23                    | 50   | 14                         |  |  |  |  |
|                                                                                   |    | 600190604                                               | 1/4                                              | 6         | 3/8 | 23                    | 50   | 17                         |  |  |  |  |
|                                                                                   |    | 600190605                                               | 5/16                                             | 8         | 3/8 | 26,5                  | 55   | 17                         |  |  |  |  |
|                                                                                   |    | 600190606                                               | 3/8                                              | 10        | 3/8 | 26,5                  | 55   | 17                         |  |  |  |  |
|                                                                                   |    | 600190806                                               | 3/8                                              | 10        | 1/2 | 28,5                  | 57   | 22                         |  |  |  |  |
|                                                                                   |    | 600190808                                               | 1/2                                              | 13        | 1/2 | 29                    | 59   | 22                         |  |  |  |  |
|                                                                                   |    | 600191210                                               | 5/8                                              | 16        | 3/4 | 34,5                  | 67,5 | 30                         |  |  |  |  |
|                                                                                   |    | 600191212                                               | 3/4                                              | 19        | 3/4 | 35,5                  | 74,5 | 30                         |  |  |  |  |
| 600191616                                                                         | 1" | 25                                                      | 1"                                               | 41,5      | 94  | 36                    |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |
|                                                                                   |    |                                                         |                                                  |           |     |                       |      |                            |  |  |  |  |

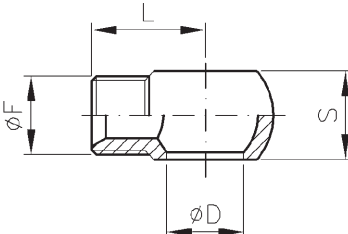
(1) Zoll - Inches - Pouces - Pulgadas

| ORIENTABILE<br>FILETTO METRICO                                                      | RINGNIPPEL FÜR<br>METRISCH<br>HOLSCHRAUBE               | METRIC BANJO                                     | BANJO À SERTIR<br>METRIQUE |         | ESFERICO<br>ORIENTABLE METRICO |    |    |  |  |
|-------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------|----------------------------|---------|--------------------------------|----|----|--|--|
|  | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo |                            | Ø D     | H                              | L  | S  |  |  |
|                                                                                     |                                                         | Pollici (1)                                      | mm                         |         |                                |    |    |  |  |
|                                                                                     | 600291204                                               | 1/4                                              | 6                          | M12x1,5 | 21                             | 48 | 12 |  |  |
|                                                                                     | 600291404                                               | 1/4                                              | 6                          | M14x1,5 | 23                             | 50 | 14 |  |  |
|                                                                                     | 600291405                                               | 5/16                                             | 8                          | M14x1,5 | 23,5                           | 52 | 14 |  |  |
|                                                                                     | 600291605                                               | 5/16                                             | 8                          | M16x1,5 | 26,5                           | 55 | 16 |  |  |
|                                                                                     | 600291606                                               | 3/8                                              | 10                         | M16x1,5 | 26,5                           | 55 | 16 |  |  |
|                                                                                     | 600291806                                               | 3/8                                              | 10                         | M18x1,5 | 28,5                           | 57 | 20 |  |  |
|                                                                                     | 600291808                                               | 1/2                                              | 13                         | M18x1,5 | 29                             | 59 | 20 |  |  |
|                                                                                     | 600292008                                               | 1/2                                              | 13                         | M20x1,5 | 29                             | 59 | 22 |  |  |
|                                                                                     | 600292208                                               | 1/2                                              | 13                         | M22x1,5 | 29                             | 59 | 22 |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |
|                                                                                     |                                                         |                                                  |                            |         |                                |    |    |  |  |

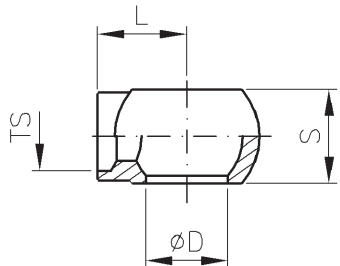
(1) Zoll - Inches - Pouces - Pulgadas

ORIENTABILE / BANJO

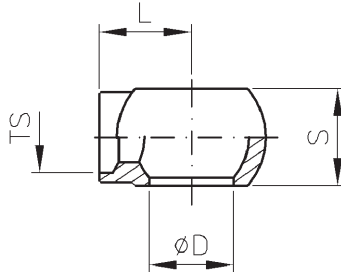


| ORIENTABILE<br>FILETTATO<br>GAS - METRICO<br>SVASATO 60°                            |  | RINGNIPPEL 60°<br>- METRISCH<br>HOLSCHRAUBE |  | 60° BANJO MALE<br>THREAD<br>BSP - METRIC                |     | BANJO<br>IMPLANTATION<br>GAZ OU METRIQUE |                   | ORIENTABLE ROSCA<br>GAS O METRICA<br>ASIENTO 60° |    |  |  |
|-------------------------------------------------------------------------------------|--|---------------------------------------------|--|---------------------------------------------------------|-----|------------------------------------------|-------------------|--------------------------------------------------|----|--|--|
|  |  |                                             |  | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO | Ø D | ØF<br><br>GAS                            | ØF<br><br>METRICO | S                                                | L  |  |  |
|                                                                                     |  |                                             |  | *600000507                                              | 18  | 3/8                                      | -                 | 20                                               | 29 |  |  |
|                                                                                     |  |                                             |  | 600000513                                               | 1/4 | 1/4                                      | -                 | 14                                               | 24 |  |  |
|                                                                                     |  |                                             |  | 600000514                                               | 3/8 | 3/8                                      | -                 | 17                                               | 26 |  |  |
|                                                                                     |  |                                             |  | *600000517                                              | 1/2 | -                                        | 18x1,5            | 22                                               | 30 |  |  |
|                                                                                     |  |                                             |  | 600000518                                               | 1/2 | 1/2                                      | -                 | 22                                               | 32 |  |  |
|                                                                                     |  |                                             |  | *600000522                                              | 3/4 | 3/4                                      | -                 | 30                                               | 39 |  |  |
|                                                                                     |  |                                             |  |                                                         |     |                                          |                   |                                                  |    |  |  |
|                                                                                     |  |                                             |  |                                                         |     |                                          |                   |                                                  |    |  |  |
|                                                                                     |  |                                             |  |                                                         |     |                                          |                   |                                                  |    |  |  |

\* DISPONIBILE FINO AD ESAURIMENTO - VERFÜGBAR NUR SOLANGE VORRÄTIG - AVAILABLE WHILE STOCKS LAST - DISPONIBLE JUSQ'A EPUISEMENT DE NOTRE STOCK - DISPONIBLE HASTA FINALIZACION EXISTENCIAS

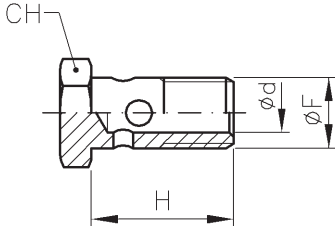
| ORIENTABILE<br>CON TASCA<br>A SALDARE<br>FILETTO GAS                                  |  | ANSCHWEISS RING<br>BSP                                  |     | WELDING BANJO<br>BSP                           |    | BANJO A SOUDER<br>IMPLANTATION GAZ |  | ORIENTABLE SOLDAR<br>TORNILLO GAS |  |  |
|---------------------------------------------------------------------------------------|--|---------------------------------------------------------|-----|------------------------------------------------|----|------------------------------------|--|-----------------------------------|--|--|
|  |  | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO | Ø D | Ø Tubo<br>Rohr ID - Hose I.D.<br>ØTube - ØTubo | S  | L                                  |  |                                   |  |  |
|                                                                                       |  |                                                         |     | TS                                             |    |                                    |  |                                   |  |  |
|                                                                                       |  | 600000207                                               | 1/4 | 10                                             | 14 | 25                                 |  |                                   |  |  |
|                                                                                       |  | 600000211                                               | 3/8 | 12                                             | 16 | 27                                 |  |                                   |  |  |
|                                                                                       |  | *600000212                                              | 3/8 | 14                                             | 17 | 27                                 |  |                                   |  |  |
|                                                                                       |  | 600000214                                               | 1/2 | 15                                             | 22 | 32                                 |  |                                   |  |  |
|                                                                                       |  | *600000219                                              | 3/4 | 20                                             | 30 | 40                                 |  |                                   |  |  |
|                                                                                       |  | *600000220                                              | 3/4 | 22                                             | 30 | 40                                 |  |                                   |  |  |
|                                                                                       |  |                                                         |     |                                                |    |                                    |  |                                   |  |  |
|                                                                                       |  |                                                         |     |                                                |    |                                    |  |                                   |  |  |

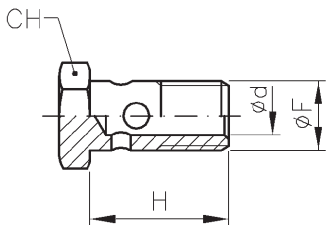
\* DISPONIBILE FINO AD ESAURIMENTO - VERFÜGBAR NUR SOLANGE VORRÄTIG - AVAILABLE WHILE STOCKS LAST - DISPONIBLE JUSQ'A EPUISEMENT DE NOTRE STOCK - DISPONIBLE HASTA FINALIZACION EXISTENCIAS

| ORIENTABILE<br>CON TASCA<br>A SALDARE<br>FILETTO METRICO                              | ANSCHWEISS RING<br>METRISCH                             | WELDING BANJO<br>METRIC | BANJO A SOUDER<br>IMPLANTATION<br>METRIQUE     | ORIENTABLE SOLDAR<br>TORNILLO METRICO |    |  |  |  |  |
|---------------------------------------------------------------------------------------|---------------------------------------------------------|-------------------------|------------------------------------------------|---------------------------------------|----|--|--|--|--|
|  | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO | Ø D                     | Ø Tubo<br>Rohr ID - Hose I.D.<br>ØTube - ØTubo | S                                     | L  |  |  |  |  |
|                                                                                       |                                                         |                         | TS                                             |                                       |    |  |  |  |  |
|                                                                                       | *600000101                                              | 8                       | 4                                              | 8                                     | 16 |  |  |  |  |
|                                                                                       | 600000107                                               | 10                      | 8                                              | 12                                    | 22 |  |  |  |  |
|                                                                                       | 600000109                                               | 12                      | 8                                              | 12                                    | 22 |  |  |  |  |
|                                                                                       | 600000113                                               | 14                      | 10                                             | 14                                    | 25 |  |  |  |  |
|                                                                                       | 600000117                                               | 16                      | 14                                             | 17                                    | 27 |  |  |  |  |
|                                                                                       | *600000119                                              | 18                      | 14                                             | 20                                    | 29 |  |  |  |  |
|                                                                                       | 600000120                                               | 18                      | 15                                             | 20                                    | 29 |  |  |  |  |
|                                                                                       |                                                         |                         |                                                |                                       |    |  |  |  |  |
|                                                                                       |                                                         |                         |                                                |                                       |    |  |  |  |  |

\* DISPONIBILE FINO AD ESAURIMENTO - VERFÜGBAR NUR SOLANGE VORRÄTIG - AVAILABLE WHILE STOCKS LAST - DISPONIBLE JUSQ'A EPUISEMENT DE NOTRE STOCK - DISPONIBLE HASTA FINALIZACION EXISTENCIAS



| BULLONE CAVO<br>FILETTO METRICO                                                   |  | HOLSCHRAUBE<br>METRISCH<br>FÜR RINGNIPPEL               |         | METRIC BOLT FOR<br>BANJO |    | VIS CREUSE<br>METRIQUE |  | TORNILLO SIMPLE<br>ROSCA METRICA |  |  |  |
|-----------------------------------------------------------------------------------|--|---------------------------------------------------------|---------|--------------------------|----|------------------------|--|----------------------------------|--|--|--|
|  |  | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO | Ø F     | Ø d                      | H  | CH                     |  |                                  |  |  |  |
|                                                                                   |  | 600001204                                               | M12x1,5 | 6                        | 24 | 17                     |  |                                  |  |  |  |
|                                                                                   |  | 600001205                                               | M14x1,5 | 8                        | 27 | 19                     |  |                                  |  |  |  |
|                                                                                   |  | 600001206                                               | M16x1,5 | 9                        | 31 | 22                     |  |                                  |  |  |  |
|                                                                                   |  | 600001207                                               | M18x1,5 | 10                       | 36 | 24                     |  |                                  |  |  |  |
|                                                                                   |  | 600001208                                               | M20x1,5 | 13                       | 39 | 27                     |  |                                  |  |  |  |
|                                                                                   |  | 600001209                                               | M22x1,5 | 13                       | 39 | 27                     |  |                                  |  |  |  |
|                                                                                   |  |                                                         |         |                          |    |                        |  |                                  |  |  |  |
|                                                                                   |  |                                                         |         |                          |    |                        |  |                                  |  |  |  |
|                                                                                   |  |                                                         |         |                          |    |                        |  |                                  |  |  |  |
|                                                                                   |  |                                                         |         |                          |    |                        |  |                                  |  |  |  |
|                                                                                   |  |                                                         |         |                          |    |                        |  |                                  |  |  |  |
|                                                                                   |  |                                                         |         |                          |    |                        |  |                                  |  |  |  |
|                                                                                   |  |                                                         |         |                          |    |                        |  |                                  |  |  |  |
|                                                                                   |  |                                                         |         |                          |    |                        |  |                                  |  |  |  |

| BULLONE CAVO<br>FILETTO GAS                                                         |  | HOLSCHRAUBE BSP<br>FÜR RINGNIPPEL                       |     | BSP BOLT FOR<br>BANJO |      | VIS CREUSE<br>GAZ |  | TORNILLO SIMPLE<br>ROSCA GAS |  |  |  |
|-------------------------------------------------------------------------------------|--|---------------------------------------------------------|-----|-----------------------|------|-------------------|--|------------------------------|--|--|--|
|  |  | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO | Ø F | Ø d                   | H    | CH                |  |                              |  |  |  |
|                                                                                     |  | 600001302                                               | 1/4 | 7                     | 27   | 19                |  |                              |  |  |  |
|                                                                                     |  | 600001303                                               | 3/8 | 9                     | 31   | 22                |  |                              |  |  |  |
|                                                                                     |  | 600001304                                               | 1/2 | 12                    | 38,5 | 27                |  |                              |  |  |  |
|                                                                                     |  | *600001305                                              | 5/8 | 13                    | 42   | 30                |  |                              |  |  |  |
|                                                                                     |  | 600001306                                               | 3/4 | 17,5                  | 47,5 | 32                |  |                              |  |  |  |
|                                                                                     |  | 600001307                                               | 1"  | 22                    | 58   | 40                |  |                              |  |  |  |
|                                                                                     |  |                                                         |     |                       |      |                   |  |                              |  |  |  |
|                                                                                     |  |                                                         |     |                       |      |                   |  |                              |  |  |  |
|                                                                                     |  |                                                         |     |                       |      |                   |  |                              |  |  |  |
|                                                                                     |  |                                                         |     |                       |      |                   |  |                              |  |  |  |
|                                                                                     |  |                                                         |     |                       |      |                   |  |                              |  |  |  |
|                                                                                     |  |                                                         |     |                       |      |                   |  |                              |  |  |  |
|                                                                                     |  |                                                         |     |                       |      |                   |  |                              |  |  |  |
|                                                                                     |  |                                                         |     |                       |      |                   |  |                              |  |  |  |

\* DISPONIBILE FINO AD ESAURIMENTO - VERFÜGBAR NUR SOLANGE VORRÄTIG - AVAILABLE WHILE STOCKS LAST - DISPONIBLE JUSQ'A EPUISEMENT DE NOTRE STOCK - DISPONIBLE HASTA FINALIZACION EXISTENCIAS



**RACCORDI A PRESSARE PER TUBO  
EN 856 - 4SH - SAE 100 R13-R15  
PELATURA INTERNA/ESTERNA**

**PRESSNIPPEL FÜR EN 856 - 4SH - SAE 100 R13-R15  
INNEN UND AUSSENSCHALUNG**

**CRIMP FITTINGS FOR EN 856 - 4SH - SAE 100 R13-R15  
SKIVING INSIDE/OUTSIDE**

**EMBOUT A SERTIR POUR FLEXIBLE  
EN 856 - 4SH - SAE 100 R13-R15  
DENUDAGE INTERIEUR/EXTERIEUR**

**RACOR PARA PRENSAR PARA TUBO  
EN 856 - 4SH - SAE 100 R13-R15  
PELADO INTERNO/ESTERNO**

BOCCOLE/FERRULE - INTERLOCK



| BOCCOLA PER TUBO<br>EN 856 - 4SH |  | PRESSFASSUNG INNEN<br>UND AUSSENSCHÄLUNG<br>FÜR EN 856 - 4SH |                                                  | DOUBLE SKIVE<br>FERRULE FOR<br>EN 856 - 4SH HOSE |      | JUPE A SERTIR POUR<br>TUYAU EN 856 - 4SH |  | CASQUILLO PARA<br>TUBO EN 856 - 4SH |  |
|----------------------------------|--|--------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|------|------------------------------------------|--|-------------------------------------|--|
|                                  |  | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO      | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo |                                                  | Ø D  | L                                        |  |                                     |  |
|                                  |  |                                                              | Pollici (1)                                      | mm                                               |      |                                          |  |                                     |  |
|                                  |  | 600491612                                                    | 3/4                                              | 19                                               | 38   | 60                                       |  |                                     |  |
|                                  |  | 600491616                                                    | 1"                                               | 25                                               | 46   | 74,5                                     |  |                                     |  |
|                                  |  | 600491620                                                    | 1" 1/4                                           | 32                                               | 55   | 88                                       |  |                                     |  |
|                                  |  | 600491624                                                    | 1" 1/2                                           | 38                                               | 62   | 94                                       |  |                                     |  |
|                                  |  | 600491632                                                    | 2"                                               | 50                                               | 79,5 | 99                                       |  |                                     |  |
|                                  |  |                                                              |                                                  |                                                  |      |                                          |  |                                     |  |
|                                  |  |                                                              |                                                  |                                                  |      |                                          |  |                                     |  |

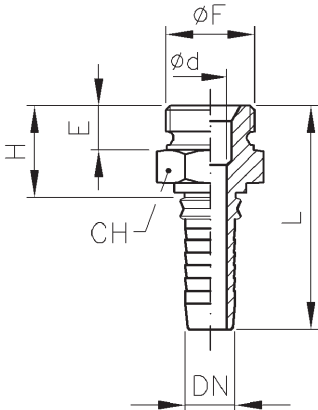
(1) Zoll - Inches - Pouces - Pulgadas

| BOCCOLA PER TUBO<br>SAE 100 R13-R15 |  | PRESSFASSUNG INNEN<br>UND AUSSENSCHÄLUNG<br>FÜR SAE 100 R13-R15 |                                                  | CRIMP FERRULE<br>FOR SAE 100 R13-R15<br>HOSE |      | JUPE A SERTIR POUR<br>TUYAU SAE 100 R13-R15 |  | CASQUILLO PARA<br>TUBO SAE 100 R13-R15 |  |
|-------------------------------------|--|-----------------------------------------------------------------|--------------------------------------------------|----------------------------------------------|------|---------------------------------------------|--|----------------------------------------|--|
|                                     |  | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO         | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo |                                              | Ø D  | L                                           |  |                                        |  |
|                                     |  |                                                                 | Pollici (1)                                      | mm                                           |      |                                             |  |                                        |  |
|                                     |  | 600491720                                                       | 1" 1/4                                           | 32                                           | 60   | 88                                          |  |                                        |  |
|                                     |  | 600491724                                                       | 1" 1/2                                           | 38                                           | 67   | 94                                          |  |                                        |  |
|                                     |  | 600491732                                                       | 2"                                               | 50                                           | 84,5 | 99                                          |  |                                        |  |
|                                     |  |                                                                 |                                                  |                                              |      |                                             |  |                                        |  |
|                                     |  |                                                                 |                                                  |                                              |      |                                             |  |                                        |  |

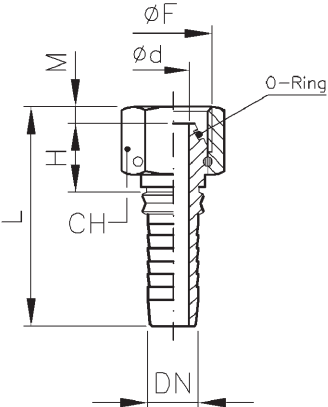
(1) Zoll - Inches - Pouces - Pulgadas

BS STANDARD - INTERLOCK



| MASCHIO GAS CILINDRICO<br>SVASATO 60°                                               |  | AGR 60° INNEN KONUS<br>(BSP GEWINDE)                    |                                                  | BSP MALE<br>PARALLEL 60° CONE SEAT |        | EMBOUT MALE<br>BSP 60° |       | MACHO GAS CILINDRICO<br>ASIENTO 60° |     |    |  |
|-------------------------------------------------------------------------------------|--|---------------------------------------------------------|--------------------------------------------------|------------------------------------|--------|------------------------|-------|-------------------------------------|-----|----|--|
|  |  | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo |                                    | Ø F    | CH                     | L     | H                                   | Ø d | E  |  |
|                                                                                     |  |                                                         | Pollici (1)                                      | mm                                 |        |                        |       |                                     |     |    |  |
|                                                                                     |  | 600681212                                               | 3/4                                              | 19                                 | 3/4    | 32                     | 93,5  | 31,5                                | 14  | 16 |  |
|                                                                                     |  | 600681616                                               | 1"                                               | 25                                 | 1"     | 41                     | 110,5 | 37,5                                | 19  | 19 |  |
|                                                                                     |  | 600682020                                               | 1" 1/4                                           | 32                                 | 1" 1/4 | 50                     | 131   | 42,7                                | 25  | 20 |  |
|                                                                                     |  | 600682424                                               | 1" 1/2                                           | 38                                 | 1" 1/2 | 55                     | 138,5 | 45                                  | 31  | 22 |  |
|                                                                                     |  | 600683232                                               | 2"                                               | 50                                 | 2"     | 70                     | 149   | 51                                  | 42  | 25 |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |
|                                                                                     |  |                                                         |                                                  |                                    |        |                        |       |                                     |     |    |  |

(1) Zoll - Inches - Pouces - Pulgadas

| FEMMINA DIRITTA O.R. CONO 60°<br>FILETTO GAS DADO SPINATO                             |  | DKOR 60° KONUS<br>MIT O-RING (BSP GEWINDE)<br>GESTIFTETE MUTTER |                                                  | BSP O-RING FEMALE<br>60° CONE<br>THRUST-WIRE NUT |        | EMBOUT FEMELLE<br>DROIT BSP 60° - O.R.<br>ECROU A CHEVILLE |     | HEMBRA ROSCA GAS<br>ASIENTO 60° - O.R. - TUERCA<br>SUJEDADA CON PERNO |       |      |  |
|---------------------------------------------------------------------------------------|--|-----------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------|------------------------------------------------------------|-----|-----------------------------------------------------------------------|-------|------|--|
|  |  | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO         | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo |                                                  | Ø F    | CH                                                         | Ø d | H                                                                     | L     | M    |  |
|                                                                                       |  |                                                                 | Pollici (1)                                      | mm                                               |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  | 600741212 (2)                                                   | 3/4                                              | 19                                               | 3/4    | 32                                                         | 14  | 22                                                                    | 91,5  | 8,7  |  |
|                                                                                       |  | 600741616 (2)                                                   | 1"                                               | 25                                               | 1"     | 38                                                         | 19  | 25,5                                                                  | 108,5 | 10,5 |  |
|                                                                                       |  | 600742020                                                       | 1" 1/4                                           | 32                                               | 1" 1/4 | 50                                                         | 25  | 33                                                                    | 131,4 | 10,1 |  |
|                                                                                       |  | 600742424                                                       | 1" 1/2                                           | 38                                               | 1" 1/2 | 55                                                         | 31  | 33                                                                    | 138,7 | 12,2 |  |
|                                                                                       |  | 600743232                                                       | 2"                                               | 50                                               | 2"     | 70                                                         | 42  | 31                                                                    | 145,1 | 16,1 |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |
|                                                                                       |  |                                                                 |                                                  |                                                  |        |                                                            |     |                                                                       |       |      |  |

(1) Zoll - Inches - Pouces - Pulgadas (2) Dado graffato - Pressmutter - Crimped back nut - Ecrou agrafé - Tuerca sujedada con grapa



[illegible]

(1) Zoll - Inches - Pouces - Pulgadas      (2) Dado graffato - Pressmutter - Crimped back nut - Erou agrafé - Tuerca sujedada con grapa

[illegible]

(1) Zoll - Inches - Pouces - Pulgadas      (2) Dado graffato - Pressmutter - Crimped back nut - Ecrou agrafé - Tuerca sujeta con grapa

[illegible]

(1) Zoll - Inches - Pouces - Pulgadas

[illegible]

(1) Zoll - Inches - Pouces - Pulgadas      (2) Dado graffato - Pressmutter - Crimped back nut - Ecrou agrafé - Tuerca sujeta con grapa

SAE STANDARD - INTERLOCK



| FEMMINA CURVA 90°<br>JIC - SVASATA 74°<br>FILETTO UNF - SAE J514 DADO<br>SPINATO | DKJ 90° BOGEN 74°<br>DICHTKOPF (UNF GEWINDE NACH<br>SAE J514)<br>GESTIFTETE MUTTER | 90° JIC FEMALE<br>SWEPT ELBOW<br>74° CONE SEAT SAE J514<br>THRUST-WIRE NUT | EMBOUT FEMELLE<br>90° JIC 74°<br>SAE J514<br>ECROU A CHEVILLE | HEMBRA 90° ROSCA<br>UNFASIENTO JIC 74°<br>SAE J514 - TUERCA<br>SUJEDADA CON PERNO |         |    |     |        |        |        |      |
|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------------------------|---------|----|-----|--------|--------|--------|------|
|                                                                                  |                                                                                    | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO                    | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo              |                                                                                   | Ø F     | CH | Ø d | H<br>≈ | L<br>≈ | K<br>≈ | M    |
|                                                                                  |                                                                                    |                                                                            | Pollici (1)                                                   | mm                                                                                |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    | 600781712 (2)                                                              | 3/4                                                           | 19                                                                                | 1" 1/16 | 32 | 14  | 50     | 112    | 56     | 14,5 |
|                                                                                  |                                                                                    | 600782116 (2)                                                              | 1"                                                            | 25                                                                                | 1" 5/16 | 38 | 19  | 72     | 145    | 69     | 14,5 |
|                                                                                  |                                                                                    | 600782620                                                                  | 1" 1/4                                                        | 32                                                                                | 1" 5/8  | 50 | 25  | 77,2   | 165,5  | 84,5   | 16,5 |
|                                                                                  |                                                                                    | 600783024                                                                  | 1" 1/2                                                        | 38                                                                                | 1" 7/8  | 55 | 31  | 101,5  | 195    | 98     | 18   |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |

(1) Zoll - Inches - Pouces - Pulgadas (2) Dado graffato - Pressmutter - Crimped back nut - Ecrou agrafé - Tuerca sujedada con grapa

| FEMMINA CURVA<br>45° JIC - SVASATA 74°<br>FILETTO UNF - SAE J514 DADO<br>SPINATO | DKJ 45° BOGEN 74°<br>DICHTKOPF (UNF GEWINDE NACH<br>SAE J514)<br>GESTIFTETE MUTTER | 45° JIC FEMALE<br>SWEPT ELBOW<br>74° CONE SEAT SAE J514<br>THRUST-WIRE NUT | EMBOUT FEMELLE<br>45° JIC 74°<br>SAE J514<br>ECROU A CHEVILLE | HEMBRA 45° ROSCA<br>UNFASIENTO JIC 74°<br>SAE J514 - TUERCA<br>SUJEDADA CON PERNO |         |    |     |        |        |        |      |
|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------------------------|---------|----|-----|--------|--------|--------|------|
|                                                                                  |                                                                                    | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO                    | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo              |                                                                                   | Ø F     | CH | Ø d | H<br>≈ | L<br>≈ | K<br>≈ | M    |
|                                                                                  |                                                                                    |                                                                            | Pollici (1)                                                   | mm                                                                                |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    | 600791712 (2)                                                              | 3/4                                                           | 19                                                                                | 1" 1/16 | 32 | 14  | 60     | 122    | 27     | 14,5 |
|                                                                                  |                                                                                    | 600792116 (2)                                                              | 1"                                                            | 25                                                                                | 1" 5/16 | 38 | 19  | 81,5   | 154,5  | 32     | 14,5 |
|                                                                                  |                                                                                    | 600792620                                                                  | 1" 1/4                                                        | 32                                                                                | 1" 5/8  | 50 | 25  | 94     | 182,5  | 39,5   | 16,5 |
|                                                                                  |                                                                                    | 600793024                                                                  | 1" 1/2                                                        | 38                                                                                | 1" 7/8  | 55 | 31  | 108    | 201,5  | 44,5   | 18   |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |
|                                                                                  |                                                                                    |                                                                            |                                                               |                                                                                   |         |    |     |        |        |        |      |

(1) Zoll - Inches - Pouces - Pulgadas (2) Dado graffato - Pressmutter - Crimped back nut - Ecrou agrafé - Tuerca sujedada con grapa

SAE STANDARD - INTERLOCK



| FEMMINA ORFS<br>SAE J1453<br>DADO GRAFFATO |  | DK ORFS - UNF GEWINDE<br>NACH SAE J1453<br>PRESSMUTTER |  | ORFS FEMALE<br>SAE J1453<br>CRIMPED BACKNUT |                                                         | ORFS FEMELLE<br>SAE J1453<br>ECROU AGRAFE |                                                  | ORFS HEMBRA<br>SAE J1453 - TUERCA<br>SUJEDADA CON GRAPA |     |        |   |    |     |          |    |      |      |    |       |    |
|--------------------------------------------|--|--------------------------------------------------------|--|---------------------------------------------|---------------------------------------------------------|-------------------------------------------|--------------------------------------------------|---------------------------------------------------------|-----|--------|---|----|-----|----------|----|------|------|----|-------|----|
|                                            |  |                                                        |  |                                             | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO |                                           | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo |                                                         | Ø F | CH1    | M | H  | Ø d | L        | CH |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           | Pollici (1)                                      | mm                                                      |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             | 600861212                                               |                                           |                                                  |                                                         |     | 3/4    |   | 19 |     | 1" 3/16  | 30 | 14,5 | 40   | 14 | 102   | 36 |
|                                            |  |                                                        |  |                                             | 600861616                                               |                                           |                                                  |                                                         |     | 1"     |   | 25 |     | 1" 7/16  | 36 | 15   | 44,5 | 19 | 117,5 | 41 |
|                                            |  |                                                        |  |                                             | 600862020                                               |                                           |                                                  |                                                         |     | 1" 1/4 |   | 32 |     | 1" 11/16 | 41 | 15   | 46,7 | 25 | 135   | 50 |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |
|                                            |  |                                                        |  |                                             |                                                         |                                           |                                                  |                                                         |     |        |   |    |     |          |    |      |      |    |       |    |

(1) Zoll - Inches - Pouces - Pulgadas

| FEMMINA CURVA 90° ORFS<br>SAE J1453<br>DADO SFILABILE | DK 90° BOGEN ORFS - UNF<br>GEWINDE NACH SAE J1453<br>HINTERLEGTE MUTTER | 90° ORFS FEMALE<br>SAE J1453<br>(SLIP-ON NUT)           | ORFS FEMELLE 90°<br>SAE J1453<br>ECROU DETACHABLE | CODO HEMBRA 90°<br>SAE J1453<br>TUERCA SEPARABLE |          |    |      |        |     |        |        |
|-------------------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|----------|----|------|--------|-----|--------|--------|
|                                                       |                                                                         | CODICE<br>ZEICHEN<br>REFERENCE<br>DESCRIPTION<br>CODIGO | Ø Tubo<br>Rohr ID - Hose I.D.<br>Ø Tube - Ø Tubo  |                                                  | Ø F      | CH | M    | H<br>≈ | Ø d | K<br>≈ | L<br>≈ |
|                                                       |                                                                         | Pollici (1)                                             | mm                                                |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         | 600871212                                               | 3/4                                               | 19                                               | 1" 3/16  | 36 | 14,5 | 53     | 14  | 48     | 115    |
|                                                       |                                                                         | 600871616                                               | 1"                                                | 25                                               | 1" 7/16  | 41 | 15   | 69,5   | 19  | 58,5   | 142,5  |
|                                                       |                                                                         | 600872020                                               | 1" 1/4                                            | 32                                               | 1" 11/16 | 50 | 15   | 80,7   | 25  | 67,5   | 169    |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |
|                                                       |                                                                         |                                                         |                                                   |                                                  |          |    |      |        |     |        |        |

(1) Zoll - Inches - Pouces - Pulgadas



| FLANGIA DIRITTA<br>3000 PSI<br>SAE J518 | SAE J518<br>FLANSCHANSCHLUSS<br>3000 PSI/SFL | SAE J518<br>STRAIGHT - FLANGE<br>3000 PSI | EMBOUT A BRIDE<br>SAE 3000 PSI<br>DROIT | BRIDA RECTA<br>3000 PSI<br>SAE J518 |
|-----------------------------------------|----------------------------------------------|-------------------------------------------|-----------------------------------------|-------------------------------------|
|                                         |                                              |                                           |                                         |                                     |
|                                         |                                              |                                           |                                         |                                     |
|                                         |                                              |                                           |                                         |                                     |
|                                         |                                              |                                           |                                         |                                     |
|                                         |                                              |                                           |                                         |                                     |
|                                         |                                              |                                           |                                         |                                     |
|                                         |                                              |                                           |                                         |                                     |
|                                         |                                              |                                           |                                         |                                     |
|                                         |                                              |                                           |                                         |                                     |
|                                         |                                              |                                           |                                         |                                     |
|                                         |                                              |                                           |                                         |                                     |

(1) Zoll - Inches - Pouces - Pulgadas

| FLANGIA CURVA 90°<br>3000 PSI<br>SAE J518 | 90° SAE J518<br>FLANSCHANSCHLUSS<br>3000 PSI/SFL | 90° SAE J518<br>FLANGE<br>3000 PSI | EMBOUT A BRIDE<br>SAE J518 90°<br>3000 PSI | BRIDA 90°<br>3000 PSI<br>SAE J518 |
|-------------------------------------------|--------------------------------------------------|------------------------------------|--------------------------------------------|-----------------------------------|
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |

(1) Zoll - Inches - Pouces - Pulgadas

| FLANGIA CURVA 45°<br>3000 PSI<br>SAE J518 | 45° SAE J518<br>FLANSCHANSCHLUSS<br>3000 PSI/SFL | 45° SAE J518<br>FLANGE<br>3000 PSI | EMBOUT A BRIDE<br>SAE J518 45°<br>3000 PSI | BRIDA 45°<br>3000 PSI<br>SAE J518 |
|-------------------------------------------|--------------------------------------------------|------------------------------------|--------------------------------------------|-----------------------------------|
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |

(1) Zoll - Inches - Pouces - Pulgadas



| FLANGIA DIRITTA<br>6000 PSI<br>SAE J518 | SAE J518<br>FLANSCHANSCHLUSS<br>6000 PSI/SFS | SAE J518<br>STRAIGHT - FLANGE<br>6000 PSI | EMBOUT A BRIDE<br>SAE J518<br>6000 PSI DROIT | BRIDA RECTA<br>6000 PSI<br>SAE J518 |
|-----------------------------------------|----------------------------------------------|-------------------------------------------|----------------------------------------------|-------------------------------------|
|                                         |                                              |                                           |                                              |                                     |
|                                         |                                              |                                           |                                              |                                     |
|                                         |                                              |                                           |                                              |                                     |
|                                         |                                              |                                           |                                              |                                     |
|                                         |                                              |                                           |                                              |                                     |
|                                         |                                              |                                           |                                              |                                     |
|                                         |                                              |                                           |                                              |                                     |
|                                         |                                              |                                           |                                              |                                     |
|                                         |                                              |                                           |                                              |                                     |
|                                         |                                              |                                           |                                              |                                     |
|                                         |                                              |                                           |                                              |                                     |

(1) Zoll - Inches - Pouces - Pulgadas

| FLANGIA CURVA 90°<br>6000 PSI<br>SAE J518 | 90° SAE J518<br>FLANSCHANSCHLUSS<br>6000 PSI/SFS | 90° SAE J518<br>FLANGE<br>6000 PSI | EMBOUT A BRIDE<br>SAE J518 90°<br>6000 PSI | BRIDA 90°<br>6000 PSI<br>SAE J518 |
|-------------------------------------------|--------------------------------------------------|------------------------------------|--------------------------------------------|-----------------------------------|
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |

(1) Zoll - Inches - Pouces - Pulgadas

| FLANGIA CURVA 45°<br>6000 PSI<br>SAE J518 | 45° SAE J518<br>FLANSCHANSCHLUSS<br>6000 PSI/SFS | 45° SAE J518<br>FLANGE<br>6000 PSI | EMBOUT A BRIDE<br>SAE J518 45°<br>6000 PSI | BRIDA 45°<br>6000 PSI<br>SAE J518 |
|-------------------------------------------|--------------------------------------------------|------------------------------------|--------------------------------------------|-----------------------------------|
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |
|                                           |                                                  |                                    |                                            |                                   |

(1) Zoll - Inches - Pouces - Pulgadas



**RASTELLI RACCORDI - s.r.l.**  
I - 27019 VILLANTERIO (PV)

(1) Zoll - Inches - Pouces - Pulgadas

(1) Zoll - Inches - Pouces - Pulgadas

**(1) Zoll - Inches - Pouces - Pulgadas**

**Dado sfilabile - Hinterlegte mutter - Slip-on nut - Ecrou détachable - Tuerca separable**

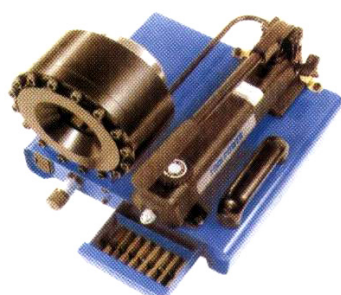
**(1) Zoll - Inches - Pouces - Pulgadas**

**Dado sfilabile - Hinterlegte mutter - Slip-on nut - Écrou détachable - Tuerca separable**



**- MACCHINE ASSEMBLAGGIO**  
**- MASCHINEN FÜR DIE MONTAGE - ASSEMBLY MACHINES**  
**- MACHINES POUR LE MONTAGE - MAQUINAS DE MONTAJE**

**Pressa manuale - Manuelle Presse - Manual Swaging**  
**Estampage manuel - Estampado manual**



**TN 366 - P 16 HP**

| Morsetti standard - Standardpressformen<br>Standard die sets - Moules Standard<br>Moldes Standard |                                                                                                                    |           | Specifiche tecniche - Spezifikationen<br>Technical specification - Données techniques<br>Datos técnicos   |  |
|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------|--|
| Codice<br>Teil-Nr.<br>Part nr.<br>Description<br>Código                                           | Diametro<br>di pressatura<br>Rohr-Durchmesser<br>Swaging diameter<br>Diamètre estamp.<br>Diámetro estampado<br>mm. | L.<br>mm. | Diametro tubo - Rohr-Durchmesser - Hose size<br>Diamètre tuyau - Diámetro tubo                            |  |
|                                                                                                   |                                                                                                                    |           | 1"                                                                                                        |  |
|                                                                                                   |                                                                                                                    |           | Apertura max - Öffnung max. - Max opening<br>Ouverture max. - Abertura máx. (mm.)                         |  |
|                                                                                                   |                                                                                                                    |           | +20                                                                                                       |  |
|                                                                                                   |                                                                                                                    |           | Lung. p. morsetti - Formfußlänge - Master die shoe lenght<br>Longuer pied moule - Largura pie molde (mm.) |  |
|                                                                                                   |                                                                                                                    |           | 64                                                                                                        |  |
|                                                                                                   |                                                                                                                    |           | Controllo - Steuerung - Controls - Contrôle - Control                                                     |  |
|                                                                                                   |                                                                                                                    |           | manual                                                                                                    |  |
|                                                                                                   |                                                                                                                    |           | Pompa manuale - Manuelle Pumpe - Hydraulic pump manual<br>Pompe manuelle - Bomba manual                   |  |
|                                                                                                   |                                                                                                                    |           | 3,6 cm <sup>3</sup>                                                                                       |  |
| <b>TN 367 - 16 - 10</b>                                                                           | 10,0-12,0                                                                                                          | 55        | Forza di chiusura - Spannung Preßkraft - Swaging force                                                    |  |
| <b>TN 367 - 16 - 12</b>                                                                           | 12,0-14,0                                                                                                          | 55        | Force de pression - Fuerza presión (KN)                                                                   |  |
| <b>TN 367 - 16 - 14</b>                                                                           | 14,0-16,0                                                                                                          | 55        | Dimensioni - Dimensionen - Overall Dimension                                                              |  |
| <b>TN 367 - 16 - 16</b>                                                                           | 16,0-19,0                                                                                                          | 55        | Dimensions - Dimensiones (mm.):                                                                           |  |
| <b>TN 367 - 16 - 19</b>                                                                           | 19,0-23,0                                                                                                          | 55        | Lunghezza - Länge - Length - Longueur - Largura                                                           |  |
| <b>TN 367 - 16 - 23</b>                                                                           | 23,0-27,0                                                                                                          | 55        | Larghezza - Breite - Width - Largeur - Anchura                                                            |  |
| <b>TN 367 - 16 - 27</b>                                                                           | 27,0-31,0                                                                                                          | 65        | Altezza - Höhe - Height - Hauteur - Altura                                                                |  |
| <b>TN 367 - 16 - 39</b>                                                                           | 31,0-36,0                                                                                                          | 65        | Peso - Gewicht - Weight - Poids - Peso (Kg.)                                                              |  |
|                                                                                                   |                                                                                                                    |           | 22                                                                                                        |  |

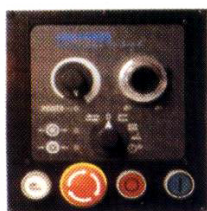
Capacità fino a 1" - 4 spirali - Leistung bis 1" - 4 spiralen - Capacity up to 1" - 4 spirals  
Capacité jusqu'à 1" - 4 boudins - Capacidad hasta 1" - 4 espirales

Macchina disponibile anche con capacità 1"1/4, 4 spirali (Modello TN 366 - P 20 HP).  
Maschine verfügbar auch mit leistung bis 1"1/4, spiralen (Modell TN 366 - P 20 HP).  
This machine is also available with the capacity 1"1/4, 4 spirals (Model TN 366 - P 20 HP).  
Machine disponible aussi avec capacité 1"1/4, 4 boudins (Modèle TN 366 - P 20 HP).  
Maquina disponible tambien con capacidad 1"1/4, 4 espirales (Modelo TN 366 - P 20 HP).

**Pressa elettrica - Elektrische Presse - Electric Swaging**  
**Presse à estampage électrique - Máquina estampadora eléctrica**



**TN 366 - P 32 MS**



**TN 366 - P 32 IS**



**TN 366 - P 32 VS**

| Morsetti standard - Standardpressformen<br>Standard die sets - Moules Standard<br>Moldes Standard |                                                                                                                   |           | Specifiche tecniche - Spezifikationen<br>Technical specification - Données techniques<br>Datos técnicos   |  |
|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------|--|
| Codice<br>Teil-Nr.<br>Part nr.<br>Description<br>Código                                           | Diametro<br>di pressatura<br>Rohr-Durchmesser<br>Swaging diameter<br>Diamètre estamp.<br>Diámetro estampado<br>mm | L.<br>mm. | Diametro tubo - Rohr-Durchmesser - Hose size<br>Diamètre tuyau - Diámetro tubo                            |  |
|                                                                                                   |                                                                                                                   |           | 2"                                                                                                        |  |
|                                                                                                   |                                                                                                                   |           | Apertura max - Öffnung max. - Max opening<br>Ouverture max. - Abertura máx. (mm.)                         |  |
|                                                                                                   |                                                                                                                   |           | +33                                                                                                       |  |
|                                                                                                   |                                                                                                                   |           | Lung. p. morsetti - Formfußlänge - Master die shoe lenght<br>Longuer pied moule - Largura pie molde (mm.) |  |
|                                                                                                   |                                                                                                                   |           | 80                                                                                                        |  |
|                                                                                                   |                                                                                                                   |           | Motore - Motor - Moteur - Motor (Kw)                                                                      |  |
|                                                                                                   |                                                                                                                   |           | 3                                                                                                         |  |
| <b>TN 367 - 32 - 10</b>                                                                           | 10,0-12,0                                                                                                         | 55        | Voltaggio - Spannung - Voltage - Voltage - Voltaje                                                        |  |
| <b>TN 367 - 32 - 12</b>                                                                           | 12,0-14,0                                                                                                         | 55        | Forza di chiusura - Spannung Preßkraft - Swaging force                                                    |  |
| <b>TN 367 - 32 - 14</b>                                                                           | 14,0-16,0                                                                                                         | 55        | Force de pression - Fuerza presión (KN)                                                                   |  |
| <b>TN 367 - 32 - 16</b>                                                                           | 16,0-19,0                                                                                                         | 55        | Dimensioni - Dimensionen - Overall Dimension                                                              |  |
| <b>TN 367 - 32 - 19</b>                                                                           | 19,0-22,0                                                                                                         | 55        | Dimensions - Dimensiones (mm.):                                                                           |  |
| <b>TN 367 - 32 - 22</b>                                                                           | 22,0-26,0                                                                                                         | 70        | Lunghezza - Länge - Length - Longueur - Largura                                                           |  |
| <b>TN 367 - 32 - 26</b>                                                                           | 26,0-30,0                                                                                                         | 70        | Larghezza - Breite - Width - Largeur - Anchura                                                            |  |
| <b>TN 367 - 32 - 30</b>                                                                           | 30,0-34,0                                                                                                         | 70        | Altezza - Höhe - Height - Hauteur - Altura                                                                |  |
| <b>TN 367 - 32 - 34</b>                                                                           | 34,0-39,0                                                                                                         | 75        | Peso senza olio - Gewicht ohne Öl - Weight without oil                                                    |  |
| <b>TN 367 - 32 - 39</b>                                                                           | 39,0-45,0                                                                                                         | 75        | Poids sans huile - Peso sin aceite (Kg.)                                                                  |  |
| <b>TN 367 - 32 - 45</b>                                                                           | 45,0-51,0                                                                                                         | 90        | Classe prot. - Schutzklasse - Protection class                                                            |  |
| <b>TN 367 - 32 - 51</b>                                                                           | 51,0-57,0                                                                                                         | 90        | Classe protection - Clase protección                                                                      |  |
| <b>TN 367 - 32 - 57</b>                                                                           | 57,0-63,0                                                                                                         | 100       | Rumorosità - Geräusch - Noise Level                                                                       |  |
| <b>TN 367 - 32 - 63</b>                                                                           | 63,0-69,0                                                                                                         | 110       | Niveau bruit - Nivel ruido (dB (A))                                                                       |  |
| <b>TN 367 - 32 - 69</b>                                                                           | 69,0-78,0                                                                                                         | 110       | Numero pr/ora - Pressenanzahl/Std. - Number sw/hour                                                       |  |
| <b>TN 367 - 32 - 78</b>                                                                           | 78,0-87,0                                                                                                         | 110       | Nombre estamp./heure - Número est./hora                                                                   |  |
|                                                                                                   |                                                                                                                   |           | 700                                                                                                       |  |

Capacità fino a 2" - 4 spirali - Leistung bis 2" - 4 spiralen - Capacity up to 2" - 4 spirals  
Capacité jusqu'à 2" - 4 boudins - Capacidad hasta 2" - 4 espirales

Macchina disponibile anche con controllo di pressaggio analogico (Modello TN 366 - P 32 IS) e con sistema di controllo interattivo dei valori di pressaggio su display (Modello TN 366 - P 32 VS).  
Maschine verfügbar auch mit analogischer Kontrolle des pressens (Modell TN 366 - P 32 IS) und mit interaktivem Kontrollsystem der presswerte auf dem bildschirm (Modell TN 366 - P 32 VS).  
This machine is also available with an analogical control system (Model TN 366 - P 32 IS) and interactive visual swaging control system (Model TN 366 - P 32 VS).  
Machine disponible aussi avec contrôle analogique de l'estampage (Modèle TN 366 - P 32 IS) et avec système de contrôle interactif des valeurs d'estampage sur écran (Modèle TN 366 - P 32 VS).  
Maquina disponible tambien con control analogico de estampado (Modelo TN 366 - P32 IS) y con sistema de control interactivo de los valores de estampado en pantalla (Modelo TN 366 - P 32 VS).

**RESPONSABILITÀ PRODOTTI**

La nostra ditta è assicurata da una Polizza di Responsabilità Prodotti per qualsiasi importo, disastri compresi. La legge D.P.R. 224/88 CE/85-374 dice però che "la Responsabilità" sarà imputata alla parte che risulterà essere stata negligente. Il rivenditore a sua volta ha la responsabilità di accertarsi se il cliente sa come deve essere impiegato il prodotto. L'utente è responsabile se, pur in possesso delle istruzioni di come impiegare il prodotto, non le rispetta, credendole superflue per sua convinzione o superficialità. Quindi la legge prevede che ciascuna delle parti ne prenda responsabilità perché è conveniente per tutti collaborare per evitare casi o disastri. I diritti di garanzia dell'utilizzatore sono validi solo se vengono rispettate tutte le prescrizioni riportate sui Cat. Rastelli. Il mancato rispetto delle stesse può pregiudicare la sicurezza funzionale del prodotto e causare la perdita dei diritti di garanzia.

**PRODUKTHAFTPFLICHT**

Unsere Firma ist durch eine Produkthaftpflichtpolice für jeglichen Betrag, Unfälle inbegriffen, versichert. Nach dem Gesetz D.P.R. 224/88 EG/85-374 haftet jedoch die Partei, die erwiesenermaßen nachlässig war. Das Produkt kann verantwortlich gemacht werden, wenn der Schaden durch seine Mängel verursacht wurde. Der Verkäufer trägt seinerseits die Verantwortung, sich zu vergewissern, daß der Kunde darüber unterrichtet ist, wie das Produkt einzusetzen ist. Der Anwender haftet, falls er, obwohl in Besitz der Gebrauchsanweisung, sie nicht berücksichtigt, weil er sie aus eigener Überzeugung oder Oberflächlichkeit für überflüssig hält. Das Gesetz sieht vor, daß jede Partei die Verantwortung übernimmt, denn die Zusammenarbeit um Zwischenfälle oder Unfälle zu vermeiden ist für alle von Vorteil. Die Gewährleistungen können vom Benutzer nur dann in Anspruch genommen werden, wenn alle in den Rastelli-Katalogen enthaltenen Hinweise beobachtet worden sind Das Versäumnis, das zu tun, kann die Funktionssicherheit des Produktes beeinträchtigen und die Ungültigkeit der Gewährleistungsansprüche verursachen.

**LIABILITY FOR PRODUCTS**

Our company is insured, for an unlimited figure, by a Policy of Liability for Products, which also covers accidents. The Law (D.P.R. 224/88 CE 85-374), however, states that "liability" will be attributed to the party which proves to have been negligent. The product is liable if the damage caused proves to be due to a defect in the product itself. The retailer, in turn, is responsible for ascertaining whether his customer is fully aware of how the product should be used. The user is liable if, despite being in possession of instructions relating to use of the product, he fails to follow these instructions, believing them to be merely a superfluous formality. The law, therefore, prescribes that both parties should accept their due measure of responsibility, as it is better that everyone should make a concerted effort to avoid cases or accidents of this nature. The guarantee rights can be claimed by the user only if all the instructions contained in the RASTELLI Catalogues have been observed. A failure, to observe them may impair the functional safety of the product and implicate the loss of the guarantee rights.

**RESPONSABILITE PRODUITS**

En cas de sinistre notre Société est assurée par une police d'assurance "responsabilité produits" a montant illimité. La loi D.P.R. 224/88 CE/85-374 précise que la responsabilité sera imputée à la partie qui se révélera avoir été négligente. Le produit sera mis en cause si le dommage est dû à un défaut de fabrication. Tout utilisateur devra avoir pris connaissance de la notice de montage et de la capacité d'utilisation de nos produits. Dans le cas contraire, l'utilisateur sera tenu pour responsable des riques encourus. La loi prévoit que chacune des parties assume ses responsabilités étant recommandé à tous de collaborer afin d'éviter tout dommage. Des notices d'utilisation de nos produits sont à votre disposition. Les droits de garantie de l'utilisateur ne sont valables que si l'on a observé toutes les prescriptions contenues dans les Catalogues de RASTELLI. Leur inobservance peut compromettre la sécurité fonctionnelle du produit et causer la perte des droits de garantie.

**RESPONSABILIDAD DE LOS PRODUCTOS**

Nuestra sociedad está asegurada mediante una Póliza de Responsabilidad de los Productos, por cualquier importe, incluyendo posibles desastres. Sin embargo, la ley D.P.R. 224/88 CE/85-374 dice que "la Responsabilidad" se imputará a la parte culpable de negligencia. A su vez, le corresponde al agente revendedor la responsabilidad de cerciorarse de que el cliente sabe cómo tiene que emplear el producto. El usuario será responsable de los posibles daños si, aun conociendo las instrucciones para el uso correcto del producto, no las respeta considerándolas - por propia convicción o superficialidad - superfluas. La Ley prevé, entonces, que cada parte asuma su responsabilidad, siendo conveniente para todos colaborar para prevenir todo tipo de accidente. Los derechos que la garantía otorga al usuario valen sólo si se respetan todas las instrucciones que se dan en los Catálogos Rastelli. El incumplimiento de dichas instrucciones puede comprometer la seguridad de funcionamiento del producto y provocar la pérdida de los derechos de garantía.

**Le quote ed i pesi riportati nelle tabelle di questo catalogo sono soltanto indicative. La RASTELLI RACCORDI si riserva il diritto di apportare variazioni tecniche, dimensionali ed estetiche ai propri prodotti senza preavviso.**

**Die in den Katalogtabellen angegebenen Maße und Gewichte verstehen sich als hinweisend . RASTELLI RACCORDI behält sich das Recht vor, Änderungen der technischen Eigenschaften, der Abmessungen und der ästhetischen Gestaltung ihrer Produkte vorzunehmen.**

**The figures and weights set out in the tables in this catalogue are only intended as approximations. RASTELLI RACCORDI reserves the right to make any technical or dimensional variations to its products, or change their appearance, in any way they deem fit without notice.**

**Les cotes et les poids reportés dans les tableaux de ce catalogue sont purement indicatifs. La Société RASTELLI RACCORDI se réserve le droit d'apporter des variations techniques, dimensionnelles et esthétiques à ses propres produits sans preavis.**

**Las cotas y pesos que se leen en las tablas del presente catálogo tienen carácter indicativo. La sociedad RASTELLI RACCORDI se reserva el derecho de efectuar en sus productos toda variación técnica, dimensional o estética que considere necesaria sin previo aviso.**

- CI RISERVIAMO A TERMINI DI LEGGE LA PROPRIETÀ DI QUESTO CATALOGO CON DIVIETO DI RIPRODURLO E/O COPIARLO SENZA LA NOSTRA AUTORIZZAZIONE.

- WIR BEHALTEN UNS DAS RECHTLICHE EIGENTUM DIESES KATALOGES VOR DAS NACHDRUCKEN UND KOPIEREN DESSELBEN OHNE UNSERE GENEHMIGUNG IST NICHT GESTATTET.

- WE RESERVE THE RIGHT TO OWNERSHIP OF THIS CATALOGUE IN ACCORDANCE WITH THE LAW, REPRODUCTION AND/OR COPIES ARE STRICTLY PROHIBITED WITHOUT OUR PRIOR AUTHORISATION.

- DROITS DE REPRODUCTION RESERVES POUR TOUT PAYS. TOUTE REPRODUCTION, TOTALE OU PARTIELLE, EST INTERDITE SAUF ACCORDS PREALABLE DE LA SOCIÉTÉ RASTELLI RACCORDI SRL.

- RESERVADOS TODOS LOS DERECHOS, PROHIBIDA LA REPRODUCCION TOTAL O PARCIAL SIN AUTORIZACION EXPRESA.



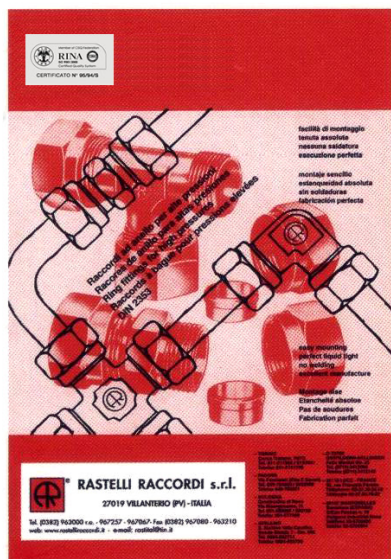


# PRODOTTI - PRODUKTE - PRODUCTS - PRODUITS - PRODUCTOS

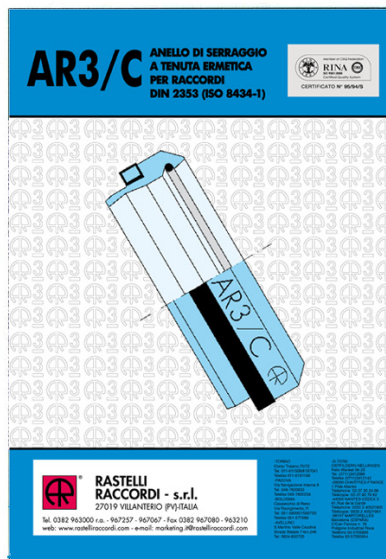
## DIN 2353 - ISO 8434 -1

**RACCORDI AD ANELLO PER ALTE PRESSIONI**  
**HOCHDRUCK - ROHRVERSCHRAUBUNGEN**  
**RING FITTINGS FOR HIGH PRESSURES**  
**RACCORDS A BAGUE POUR PRESSIONS ELEVEES**  
**RACORES DE ANILLO PARA ALTAS PRESIONES**

ACCIAIO AL CARBONIO - ACCIAIO INOX  
KOHLENSTOFF STAHL - EDELSTAHL  
CARBON STEEL - STAINLESS STEEL  
ACIER AU CARBONE - ACIER INOX  
ACERO AL CARBONO - ACERO INOXIDABLE



**RACCORDI A TENUTA MORBIDA**  
**VERSCHRAUBUNGEN MIT WEICHER DICHTUNG**  
**FITTINGS WITH SUPPLE PACKING**  
**RACCORDS A JOINT SOUPLE**  
**RACORES DE CIERRE ESTANCO**

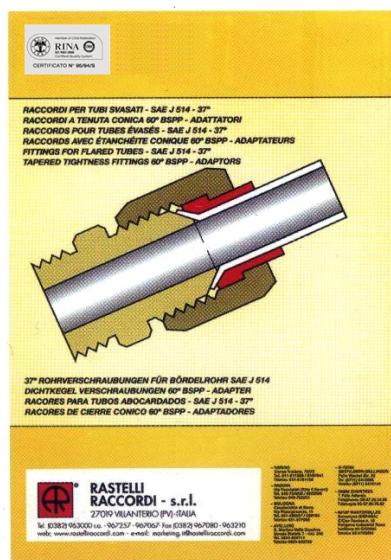


ACCIAIO AL CARBONIO - ACCIAIO INOX  
KOHLENSTOFF STAHL - EDELSTAHL  
CARBON STEEL - STAINLESS STEEL  
ACIER AU CARBONE - ACIER INOX  
ACERO AL CARBONO - ACERO INOXIDABLE

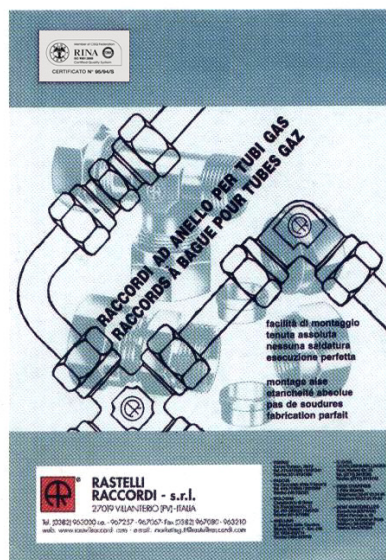
## DIN 2353 - ISO 8434-1 - AR3/C

## SAE J514 - BS 5200

ACCIAIO AL CARBONIO - ACCIAIO INOX  
KOHLENSTOFF STAHL - EDELSTAHL  
CARBON STEEL - STAINLESS STEEL  
ACIER AU CARBONE - ACIER INOX  
ACERO AL CARBONO - ACERO INOXIDABLE



**RACCORDI PER TUBI SVASATI - 37°**  
**RACCORDI A TENUTA CONICA 60° BSPP - ADATTATORI**  
**37° ROHRVERSCHRAUBUNGEN FÜR BÖRDELROHR**  
**DICHTKEGEL VERSCHRAUBUNGEN 60° BSPP - ADAPTER**  
**FITTINGS FOR FLARED TUBES - 37°**  
**TAPERED TIGHTNESS FITTINGS 60° BSPP - ADAPTORS**  
**RACCORDS POUR TUBES EVASES - 37°**  
**RACCORDS AVEC ETANCHEITE CONIQUE 60° BSPP**  
**ADAPTATEURS**  
**RACORES PARA TUBOS ABOCARDADOS - SAE J514 - 37°**  
**RACORES DE CIERRE CONICO 60° BSPP - ADAPTADORES**



ACCIAIO AL CARBONIO  
KOHLENSTOFF STAHL  
CARBON STEEL  
ACIER AU CARBONE  
ACERO AL CARBONO

## NF STANDARD

**RACCORDI AD ANELLO PER TUBI GAS**  
**ROHRVERSCHRAUBUNGEN (FR. REIHE GAZ)**  
**RING FITTINGS (GAZ TYPE)**  
**RACCORDS A BAGUE POUR TUBES GAZ**  
**RACORES DE ANILLO PARA TUBOS GAZ**