



COMPRESSION FITTINGS

9000
10000
13000

SERIE 9000 - RACCORDI A COMPRESSIONE
COMPRESSION FITTINGS

SERIE 10000 - RACCORDI UNIVERSALI A BICONO
UNIVERSAL DOUBLE CONE FITTINGS

SERIE 13000 - RACCORDI UNIVERSALI
UNIVERSAL FITTINGS

Istruzioni di Montaggio / Assembling Instruction

Serie 9000 - 10000 - 13000

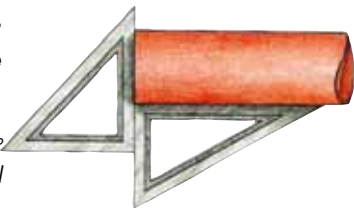
Per garantire le migliori prestazioni dei nostri raccordi, riportiamo una sequenza di operazioni da eseguire durante il montaggio, che contribuiranno ad eliminare sprechi di tempo e cattive applicazioni del prodotto.

To ensure the best function of our fittings, please follow the under mentioned instructions, in order to avoid waste of time and bad applications of the product.

1

Tagliare il tubo a 90° togliendo le bave interne ed esterne.

Cut the tube at 90° and remove internal and external burrs.


3

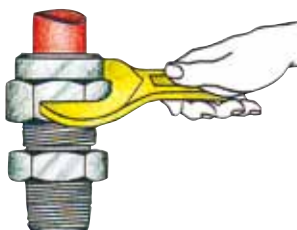
Avvitare manualmente il dado fino ad ottenere una certa resistenza dell'ogiva.

Screw the nut onto the fitting by hand until hand-tight.


5

Stringere il dado (1 giro e 1/4 o 1/2) ponendo, se necessario, dei punti di riferimento.

Tighten the nut with the spanner one and a quarter turns, marking reference points, if necessary.


6

A garanzia che l'ogiva abbia inciso il tubo svitare il dado e controllare l'uniformità del solco.

To ensure that the olive has gripped the tube correctly. Unscrew the nut and make sure that the groove made by the olive is even.


2

Oliare le filettature del dado e del corpo del raccordo, compresa l'ogiva. Quindi infilare sul tubo dado e ogiva, facendo attenzione che quest'ultima abbia la parte tagliente verso il raccordo.

Lightly oil the tube nut, olive and fitting thread. Slide the nut and olive onto the tube ensuring that the sharp side of the olive is facing the fitting.


4

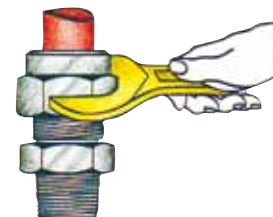
Verificare la completa adesione del tubo al corpo, forzando il medesimo verso l'interno del raccordo e quindi, con la chiave, bloccare il tubo.

Ensure the tube is pushed fully home into the fitting before tightening the nut with the correct spanner.


7

Riserrare il dado per circa 1/4 di giro. Altra avvertenza per un buon montaggio: nel caso di tubi curvi, in prossimità del raccordo, il tubo stesso dovrà avere una distanza rettilinea almeno pari al doppio dell'altezza del dado.

Tighten the nut again with an extra quarter turn. Additional information to ensure correct assembly. Where fitting to curved tubes ensure that the section entering the fitting is straight for a minimum length of twice the nut height.

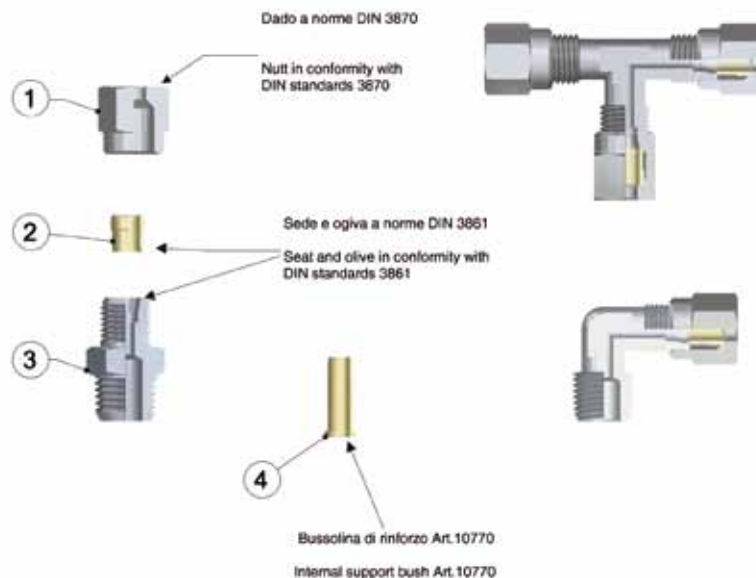




Serie 9000

RACCORDI A COMPRESSIONE
COMPRESSION FITTINGS

Caratteristiche Tecniche / Technical Characteristics



Materiali e Componenti / Component Parts and Materials

- | | |
|-----------------------------|----------------------------|
| 1 Dado in Ottone nichelato | 1 Nickel-plated Brass Nut |
| 2 Ogiva in Ottone Ricotto | 2 Annealed Brass Olive |
| 3 Corpo in Ottone nichelato | 3 Nickel-plated Brass Body |
| 4 Bussolina di rinforzo | 4 Internal support bush |

Pressioni e Temperature / Pressures and Temperatures

Pressioni e temperature vengono determinate dal tipo di tubo impiegato, pertanto tali valori sono da definirsi in base alle caratteristiche del tubo stesso. Riportiamo di seguito i valori delle pressioni massime consigliate per l'utilizzo dei raccordi con tubi di rame dallo spessore di 1 mm a 20° C.

The working pressures and working temperatures depend on which type of tube is used, for this reason, the values must be determined in accordance with the tube's features.

Hereunder, we specify the values of the maximum pressure advised for the fittings at a temperature of 20° C connected with copper tube, which has a thickness of 1 mm.

I valori delle pressioni consigliate, riportate in tabella, sono stati ottenuti dai valori di prova adottando un Coefficiente di Sicurezza 4. Sono disponibili i certificati delle prove rilasciati dai vari laboratori che le hanno eseguite.

The values of working pressures advised, specified in table have been obtained from the test values using a Safety Factor 4. It is available the test report made by the external laboratory test.

Misura Size	Pressione Massima Consigliata Maximum Pressure Advised
ø 4LL	130 kg/cmq. - 128.6 Bar
ø 6LL	180 kg/cmq. - 178.1 Bar
ø 8LL	150 kg/cmq. - 148.4 Bar
ø 10L	115 kg/cmq. - 113.8 Bar
ø 12L	75 kg/cmq. - 74.2 Bar
ø 14S	70 kg/cmq. - 69.3 Bar
ø 16S	70 Kg/cmq. - 69.3 Bar
ø 18L	65 Kg/cmq. - 64.3 Bar

Filettature / Threads

Gas conica conforme ISO 7.1, BS 21, DIN 2999 / Tapered gas in conformity with ISO7.1, BS 21, DIN 2999.

Gas cilindrica conforme ISO 228 / Parallel gas in conformity with ISO 228.

Metrica conforme ISO R/262 / Metric in conformity with ISO R/262.

Tubi di collegamento / Connection Tubes

Tubi in rame, ferro, acciaio, alluminio, ottone, ecc.
Con apposito rinforzo interno (art. 10770), possono essere utilizzati anche tubi in PA11, PA6, ecc.

*Tubes made in copper, steel, iron, aluminium, brass, etc.
With an inside support bush (art. 10770), can be used also for plastic material such as PA11, PA6. etc.*

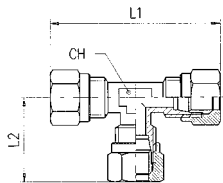
Fluidi compatibili / Fluids

Acqua, olio, aria compressa, fluidi in genere per l'impiantistica idraulica, oleodinamica, idropneumatica, ecc.

Water, oils, compressed air, fluids in general for the hydraulic, pneumatic and oildynamic plants etc.

9200

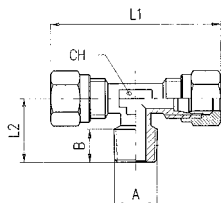
RACCORDO A T INTERMEDIO - TEE CONNECTOR



Codice Code	Tubo Tube	L1	L2	CH	Conf. Pack.
092000001	4	46	21	8	25
092000002	6	48	22.5	9	25
092000003	8	53	25	12	25
092000004	10	65	31.5	13	25
092000005	12	68	33	14	25
092000006	14	76	42	17	10
092000007	15	78	38	17	10
092000008	16	86	42.5	20	10
092000009	18	90	44	22	10

9220

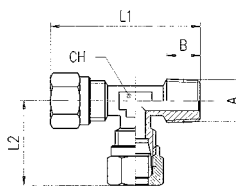
RACCORDO A T MASCHIO CENTRALE - TEE MALE ADAPTOR - CENTRE LEG



Codice Code	Tubo Tube	A	B	L1	L2	CH	Conf. Pack.
092200001	4	1/8	7.5	45	15	8	50
092200002	6	1/8	7.5	45	16.5	9	25
092200003	6	1/4	11	45	20.5	9	25
092200004	8	1/8	7.5	52	17	12	25
092200005	8	1/4	11	52	20.5	12	25
092200006	8	3/8	11.5	50	24	13	25
092200007	10	1/4	11	64	23.5	13	25
092200008	10	3/8	11.5	64	24	13	25
092200009	12	3/8	11.5	68	25	14	25
092200010	12	1/2	14	68	26.5	14	25
092200011	14	1/2	14	84	30	17	25
092200012	15	1/2	14	76	28	17	25
092200013	16	1/2	14	85	31.5	20	10
092200014	18	1/2	14	88	34	22	10

9230

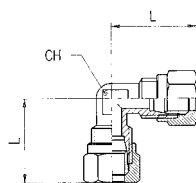
RACCORDO A T MASCHIO LATERALE - TEE MALE ADAPTOR OFF SET LEG



Codice Code	Tubo Tube	A	B	L1	L2	CH	Conf. Pack.
092300001	4	1/8	7.5	37.5	21	8	50
092300002	6	1/8	7.5	39.5	22.5	9	25
092300003	6	1/4	11	43	23	9	25
092300004	8	1/8	7.5	43.5	25	12	25
092300005	8	1/4	11	47	25	12	25
092300006	8	3/8	11.5	50	25	13	25
092300007	10	1/4	11	55.5	31	13	25
092300008	10	3/8	11.5	56.5	31.5	13	25
092300009	12	3/8	11.5	59	33	14	25
092300010	12	1/2	11.5	59.5	25	15	25
092300011	14	1/2	14	68	42	17	25
092300012	15	1/2	14	68	38	17	25
092300013	16	1/2	14	74.5	42.5	20	10
092300014	18	1/2	14	79	44	22	10

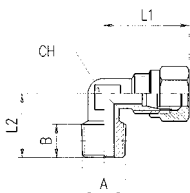
9260

RACCORDO A L INTERMEDIO - ELBOW CONNECTOR



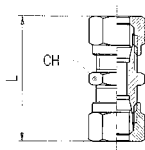
Codice Code	Tubo Tube	L	CH	Conf. Pack.
092600001	4	21	8	50
092600002	6	22.5	9	50
092600003	8	26.5	12	25
092600004	10	31.5	13	25
092600005	12	34.5	14	25
092600006	14	38	17	25
092600007	15	37.5	17	25
092600008	16	44	19	10
092600009	18	44	22	10

9280

RACCORDO A L MASCHIO - ELBOW MALE ADAPTOR


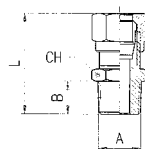
Codice Code	Tubo Tube	A	B	L1	L2	CH	Conf. Pack.
0928000001	4	1/8	7.5	22	15	8	50
0928000002	6	1/8	7.5	23.5	17	9	50
0928000003	6	1/4	11	24	19.5	9	50
0928000004	8	1/8	7.5	26.5	18	12	50
0928000005	8	1/4	11	26.5	21.5	11	25
0928000006	8	3/8	11.5	29.5	24.5	13	25
0928000007	10	1/4	11	33	23.5	13	25
0928000008	10	3/8	11.5	33	24.5	13	25
0928000009	12	3/8	11.5	34.5	25	14	25
0928000010	12	1/2	14	34.5	28	15	25
0928000011	14	1/2	14	38.5	30	17	25
0928000012	15	1/2	14	37	29	17	25
0928000013	16	1/2	14	43	31.5	19	10
0928000014	18	1/2	14	44	33.5	22	10

9460

RACCORDO DIRITTO INTERMEDIO - STRAIGHT CONNECTOR


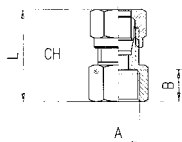
Codice Code	Tubo Tube	L	CH	Conf. Pack.
0946000001	4	36	9	50
0946000002	6	39	12	50
0946000003	8	39	12	50
0946000004	10	48	17	25
0946000005	12	49	19	25
0946000006	14	53	24	25
0946000007	15	50	24	25
0946000008	16	53.5	27	10
0946000009	18	53	27	10

9480

RACCORDO DIRITTO MASCHIO - STRAIGHT MALE ADAPTOR


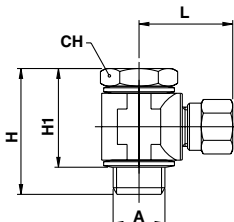
Codice Code	Tubo Tube	A	B	L	CH	Conf. Pack.
0948000001	4	1/8	7.5	27.5	11	50
0948000002	6	1/8	7.5	28	11	50
0948000003	6	1/4	11	31.5	14	50
0948000004	8	1/8	7.5	30	12	50
0948000005	8	1/4	11	33.5	14	25
0948000006	8	3/8	11.5	35	17	25
0948000007	10	1/4	11	38	16	25
0948000008	10	3/8	11.5	38.5	17	25
0948000009	12	3/8	11.5	38.5	18	25
0948000010	12	1/2	14	41.5	21	25
0948000011	14	1/2	14	44	22	25
0948000012	15	1/2	14	43.5	22	25
0948000013	16	1/2	14	45	24	10
0948000014	18	1/2	14	45	26	10

9500

RACCORDO DIRITTO FEMMINA - STRAIGHT FEMALE ADAPTOR


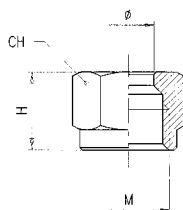
Codice Code	Tubo Tube	A	B	L	CH	Conf. Pack.
095000001	4	1/8	8.5	26.5	14	50
095000002	6	1/8	8.5	26.5	14	50
095000003	6	1/4	11	30	17	50
095000004	8	1/8	8.5	27.5	14	50
095000005	8	1/4	11	31	17	50
095000006	8	3/8	11.5	32.5	20	25
095000007	10	1/4	11	32.5	17	25
095000008	10	3/8	11.5	34.5	20	25
095000009	12	3/8	11.5	34.5	20	25
095000010	12	1/2	15	39	24	25
095000011	14	1/2	15	40	24	25
095000012	15	1/2	15	39.5	24	25
095000013	16	1/2	15	41	24	10
095000014	18	1/2	15	41	26	10

9550

RACCORDO A L ORIENTABILE - SINGLE BANJO BODY


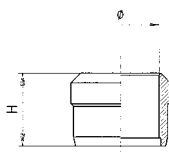
Codice Code	Tubo Tube	A	L	H	H1	CH	Conf. Pack.
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095500002	6	1/8	24	31	24	14	25
095500003	6	1/4	27.5	32	24.5	17	25
095500004	8	1/8	27.5	31	24	14	25
095500005	8	1/4	27.5	32	24.5	17	25
095500006	8	3/8	30	37.5	24.5	19	25
095500007	10	1/4	33	32	24.5	17	25
095500008	10	3/8	33.5	36	27.5	19	25
095500009	12	3/8	36	46	38	22	25

9680

DADO - NUT


Codice Code	Tubo Tube	H	CH	M	Conf. Pack.
096800001X1NB	4 LL	11	10	M8x1	50
096800001X4NB	6 LL	11.5	12	M10x1	50
096800001X7NB	8 LL	12	14	M12x1	50
096800001X9NB	10 L	15.5	19	M16x1.5	50
096800001Y1NB	12 L	15.5	22	M18x1.5	50
096800001Y3NB	14 S	18.5	27	M22x1.5	25
096800001Y4NB	15 L	17	27	M22x1.5	25
096800001Y5NB	16 S	18.5	30	M24x1.5	25
096800001Y7NB	18 L	18	32	M26x1.5	25

9740

OGIVA - OLIVE


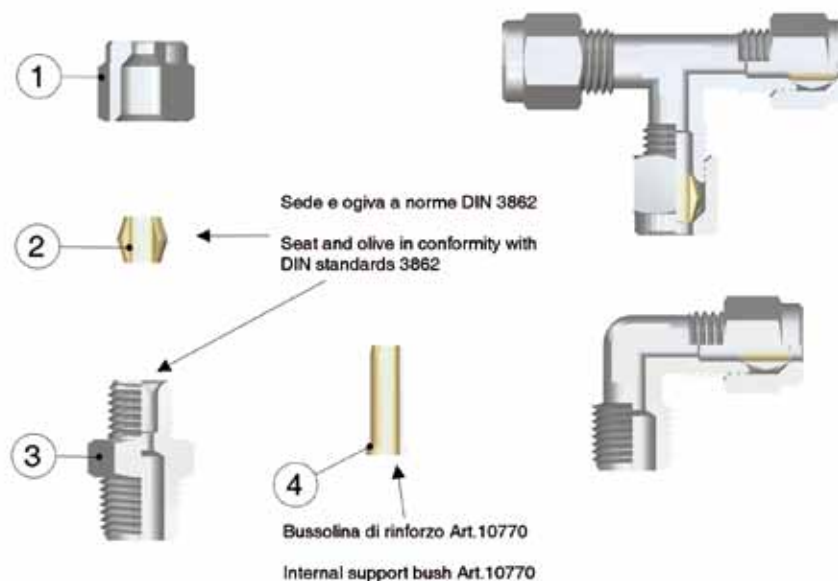
Codice Code	Tubo Tube	H	Conf. Pack.
097400002X100	4 LL	6	50
097400002X400	6 LL	7	50
097400002X700	8 LL	7.5	50
097400002X900	10 L	9.5	50
097400002Y100	12 L	9.5	50
097400002Y300	14 S	9.5	25
097400002Y400	15 L	9.5	25
097400002Y500	16 S	9.5	25
097400002Y700	18 L	10	25



Serie 10000

RACCORDI UNIVERSALI A BICONO
UNIVERSAL DOUBLE CONE FITTINGS

Caratteristiche Tecniche / Technical Characteristics



Materiali e Componenti / Component Parts and Materials

- | | |
|--------------------------------------|-----------------------------------|
| 1 Dado in Ottone Nichelato | 1 Nickel-plated Brass Nut |
| 2 Ogiva in Ottone (PTFE a richiesta) | 2 Brass Olive (If requested PTFE) |
| 3 Corpo in Ottone Nichelato | 3 Nickel-plated Brass Body |
| 4 Bussolina di rinforzo | 4 Internal support bush |

Pressioni e Temperature / Pressures and Temperatures

Pressioni e temperature vengono determinate dal tipo di tubo impiegato, pertanto tali valori sono da definirsi in base alle caratteristiche del tubo stesso. Riportiamo di seguito i valori delle pressioni massime consigliate per l'utilizzo dei raccordi con tubi di rame dallo spessore di 1 mm a 20° C.

The working pressures and working temperatures depend on which type of tube is used, for this reason, the values must be determined in accordance with the tube's features.

Hereunder, we specify the values of the maximum pressure advised for the fittings at a temperature of 20° C connected with copper tube, which has a thickness of 1 mm.

I valori delle pressioni consigliate, riportate in tabella, sono stati ottenuti dai valori di prova adottando un Coefficiente di Sicurezza 4. Sono disponibili i certificati delle prove rilasciati dai vari laboratori che le hanno eseguite.

The values of working pressures advised, specified in table have been obtained from the test values using a Safety Factor 4. It is available the test report made by the external laboratory test.

MISURA SIZE	PRESSIONE MASSIMA CONSIGLIATA MAXIMUM PRESSURE ADVISED
ø 4	150 kg/cmq. - 148.4 Bar
ø 6	150 kg/cmq. - 148.4 Bar
ø 8	130 kg/cmq. - 128.6 Bar
ø 10	180 kg/cmq. - 178.1 Bar
ø 12	150 kg/cmq. - 148.4 Bar
ø 14	115 kg/cmq. - 113.3 Bar
ø 16	75 kg/cmq. - 74.2 Bar
ø 18	60 kg/cmq. - 59.4 Bar
ø 22	40 kg/cmq. - 39.6 Bar

Filettature / Threads

Gas conica conforme ISO 7.1, BS 21, DIN 2999 / Tapered gas in conformity with ISO 7.1, BS 21, DIN 2999.

Gas cilindrica conforme ISO 228 / Parallel gas in conformity with ISO 228.

Metrica conforme ISO R/262 / Metric in conformity with ISO R/262.

Tubi di collegamento / Connection Tubes

Tubi in rame, ferro, acciaio, alluminio, ottone, ecc.
Con apposito rinforzo interno (art.10770), possono essere utilizzati anche tubi in PA11, PA6, ecc.

Tubes made in copper, steel, iron, aluminium, brass, etc.

With an inside support bush (art. 10770), can be used also for plastic material such as PA11, PA6. etc.

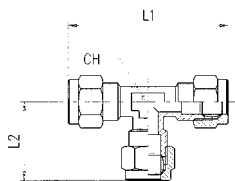
Fluidi compatibili / Fluids

Acqua, olio, aria compressa, fluidi in genere per l'impiantistica idraulica, oleodinamica, idropneumatica, ecc.

Water, oils, compressed air, fluids in general for the hydraulic, pneumatic and oildynamic plants etc.

10200

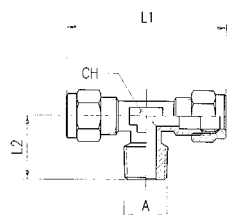
RACCORDO A T INTERMEDIO - TEE CONNECTOR



Codice Code	Tubo Tube	L1	L2	CH	Conf. Pack.
102000001	4	41	20.5	8	25
102000002	6	46	23	9	25
102000003	8	53	26.5	12	25
102000004	10	62	31	13	25
102000005	12	67	33.5	14	25
102000006	14	72	36	18	10
102000007	15	78	39	18	10
102000008	16	78	39	17	10
102000009	18	83	41.5	20	10
102000010	22	86	43	27	10

10220

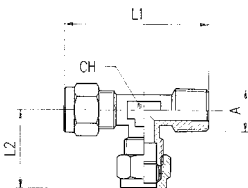
RACCORDO A T MASCHIO CENTRALE - TEE MALE ADAPTOR CENTRE LEG



Codice Code	Tubo Tube	A	L1	L2	CH	Conf. Pack.
102200001	4	1/8	41	15	8	50
102200002	6	1/8	46	16.5	9	25
102200003	6	1/4	46	20.5	9	25
102200004	8	1/8	53	16.5	12	25
102200005	8	1/4	53	20.5	12	25
102200006	8	3/8	57	23	13	25
102200007	10	1/4	62	22.5	13	25
102200008	10	3/8	62	23.5	13	25
102200009	10	1/2	64	27	14	25
102200010	12	1/4	66	24.5	14	25
102200011	12	3/8	66	25	14	25
102200012	12	1/2	67	26.5	14	25
102200013	14	3/8	75	26	16	10
102200014	14	1/2	78	31	18	10
102200015	15	1/2	80	31	18	10
102200016	16	1/2	79	29	17	10
102200017	18	1/2	84	29.5	20	10
102200018	18	3/4	82	32.5	20	10
102200019	22	3/4	86	34	27	10

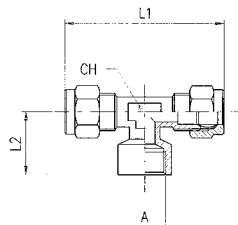
10230

RACCORDO A T MASCHIO LATERALE - TEE MALE ADAPTOR OFF SET LEG



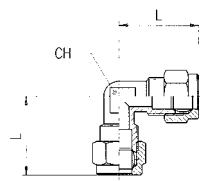
Codice Code	Tubo Tube	A	L1	L2	CH	Conf. Pack.
102300001	4	1/8	35	21	8	50
102300002	6	1/8	39	24	9	25
102300003	6	1/4	43	23	9	25
102300004	8	1/8	43	26	12	25
102300005	8	1/4	46	26	12	25
102300006	8	3/8	49	26	13	25
102300007	10	1/4	55	31	13	25
102300008	10	3/8	54	31	13	25
102300009	12	3/8	58	33	14	25
102300010	12	1/2	59	34	15	25
102300011	14	1/2	67	39	18	25

10240

RACCORDO A T FEMMINA CENTRALE - TEE FEMALE CENTRE LEG


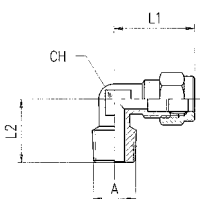
Codice Code	Tubo Tube	A	L1	L2	CH	Conf. Pack.
102400001	4	1/8	42	18	8	50
102400002	6	1/8	46.5	19.5	9	25
102400003	6	1/4	54	24.5	13	25
102400004	8	1/8	53	19.5	12	25
102400005	8	1/4	55	24.5	13	25
102400007	10	1/4	63	24.5	13	25
102400008	10	3/8	65	26	14	25
102400009	10	1/2	66	26	15	25
102400010	12	1/4	66	25.5	14	25
102400011	12	3/8	66	26	14	25
102400012	12	1/2	66	26	15	25
102400013	14	1/2	67	30	18	10
102400014	15	1/2	77	30	18	10
102400015	16	1/2	77	28.5	17	10
102400016	18	1/2	84	28	20	10
102400017	18	3/4	83	34	20	10

10260

RACCORDO A L INTERMEDIO - ELBOW CONNECTOR


Codice Code	Tubo Tube	L	CH	Conf. Pack.
102600001	4	20	8	50
102600002	6	24	9	50
102600003	8	28	11	25
102600004	10	32	13	25
102600005	12	34	14	25
102600006	14	36.5	17	25
102600007	15	38	17	25
102600008	16	39	17	10
102600009	18	41.5	20	10
102600010	22	43	27	10

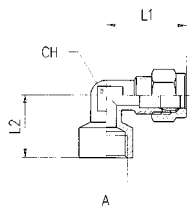
10280

RACCORDO A L MASCHIO - ELBOW MALE ADAPTOR


Codice Code	Tubo Tube	A	L1	L2	CH	Conf. Pack.
102800001	4	1/8	20.5	15	8	50
102800002	6	1/8	23.5	17	9	50
102800003	6	1/4	23.5	19	9	50
102800004	8	1/8	28	18	11	50
102800005	8	1/4	28	21.5	11	25
102800006	8	3/8	28.5	24	13	25
102800007	10	1/4	32	23.5	13	25
102800008	10	3/8	32	24.5	13	25
102800009	10	1/2	34	25	14	25
102800010	12	1/4	34	24	14	25
102800011	12	3/8	34	26	14	25
102800012	12	1/2	34	25	14	25
102800013	14	3/8	38	26	17	25
102800014	14	1/2	38	28.5	17	25
102800015	15	1/2	39	28.5	17	25
102800016	16	1/2	40	28	17	10
102800017	18	1/2	42	29.5	20	10
102800018	18	3/4	42	32	20	10
102800019	22	3/4	42.5	34	27	10

10290

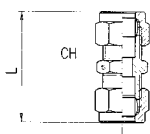
RACCORDO A L FEMMINA - ELBOW FEMALE ADAPTOR



Codice Code	Tubo Tube	A	L1	L2	CH	Conf. Pack.
1029000001	4	1/8	22	18	8	50
1029000002	6	1/8	23.5	18	9	50
1029000003	6	1/4	24	22.5	11	50
1029000004	8	1/8	28	21	11	50
1029000005	8	1/4	28.5	25.5	13	50
1029000006	8	3/8	29	25	14	25
1029000007	10	1/4	34	25	13	25
1029000008	10	3/8	33	25	14	25
1029000009	10	1/2	33	27	15	25
1029000010	12	1/4	34	26	14	25
1029000011	12	3/8	34	26	14	25
1029000012	12	1/2	33	27	15	25
1029000013	14	1/2	38.5	30	18	25
1029000014	15	1/2	39	30	18	25
1029000015	16	1/2	40	30	18	25
1029000016	18	1/2	42	29	20	10
1029000017	18	3/4	42	33.5	20	10

10460

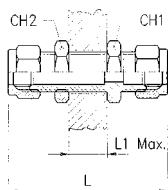
RACCORDO DIRITTO INTERMEDIO - STRAIGHT CONNECTOR



Codice Code	Tubo Tube	L	CH	Conf. Pack.
1046000001	4	30.5	10	50
1046000002	6	35	11	50
1046000003	8	36	13	50
1046000004	10	43.5	16	25
1046000005	12	44	18	25
1046000006	14	47	21	25
1046000007	15	52	21	25
1046000008	16	52.5	22	25
1046000009	18	56.5	26	10
1046000010	22	55	30	10

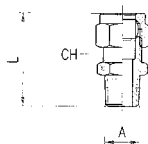
10465

RACCORDO INTERMEDIO DI ATTRAVERSAMENTO - BULKHEAD CONNECTOR



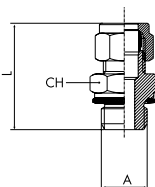
Codice Code	Tubo Tube	L	L1MAX	CH1	CH2	Conf. Pack.
1046500001	4	46.5	15	10	13	25
1046500002	6	51.5	15	14	14	25
1046500003	8	53	15	14	17	25
1046500004	10	61.5	16	19	21	25
1046500005	12	67.5	20	22	24	25
1046500006	14	72	20	24	24	25

10480

RACCORDO DIRITTO MASCHIO CONICO - STRAIGHT MALE ADAPTOR (TAPER)


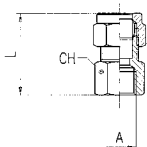
Codice Code	Tubo Tube	A	L	CH	Conf. Pack.
104800001	4	1/8	25.5	11	50
104800002	4	1/4	28.5	14	50
104800003	6	1/8	27.5	11	50
104800004	6	1/4	31	14	50
104800005	6	3/8	31.5	17	50
104800006	8	1/8	28	13	50
104800007	8	1/4	31.5	14	25
104800008	8	3/8	32	17	25
104800009	10	1/4	35	16	25
104800010	10	3/8	35.5	17	25
104800011	10	1/2	37	21	25
104800012	12	1/4	36	18	25
104800013	12	3/8	37	18	25
104800014	12	1/2	37	21	25
104800015	14	3/8	37	20	25
104800016	14	1/2	39.5	21	25
104800017	15	1/2	40	21	25
104800018	16	1/2	42.5	22	10
104800019	16	3/4	44	27	10
104800020	18	1/2	44	24	10
104800021	18	3/4	45.5	27	10
104800022	22	1/2	44	30	10
104800023	22	3/4	45.5	30	10

10485

RACCORDO DIRITTO MASCHIO CILINDRICO - STRAIGHT MALE ADAPTOR (PARALLEL)


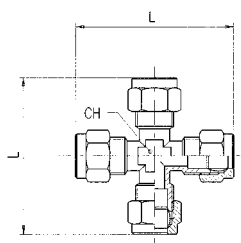
Codice Code	Tubo Tube	A	L	CH	Conf. Pack.
104850001	4	1/8	25	13	25
104850002	6	1/8	26.5	13	25
104850003	6	1/4	30	17	25
104850004	8	1/8	28.5	13	25
104850005	8	1/4	31	17	25
104850006	8	3/8	34.5	22	25
104850007	10	1/4	34.5	17	25
104850008	10	3/8	38	22	25
104850009	14	3/8	39.5	22	25
104850010	14	1/2	42	27	25
104850011	22	3/4	47	32	10
104850012	22	1"	50	40	10

10500

RACCORDO DIRITTO FEMMINA - STRAIGHT FEMALE ADAPTOR


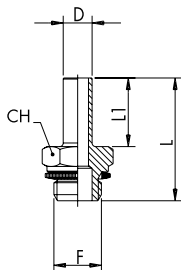
Codice Code	Tubo Tube	A	L	CH	Conf. Pack.
105000001	4	1/8	24	14	50
105000002	4	1/4	26.5	17	50
105000003	6	1/8	25.5	14	50
105000004	6	1/4	28	17	50
105000005	8	1/8	26	14	50
105000006	8	1/4	28.5	17	50
105000007	8	3/8	29.5	20	25
105000008	10	1/4	32	17	25
105000009	10	3/8	32.5	20	25
105000010	10	1/2	34.5	24	25
105000011	12	1/4	32	18	25
105000012	12	3/8	32.5	20	25
105000013	12	1/2	34.5	24	25
105000014	14	3/8	34	20	25
105000015	14	1/2	36.5	24	25
105000016	15	1/2	36.5	24	25
105000017	16	1/2	39	24	10
105000018	16	3/4	40.5	30	10
105000019	18	1/2	40	24	10
105000020	18	3/4	41	30	10
105000021	22	3/4	40	30	10

10510

RACCORDO A CROCE - EQUAL CROSS


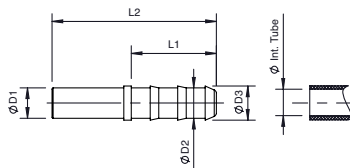
Codice Code	Tubo Tube	L	CH	Conf. Pack.
105100001	4	45	8	25
105100002	6	47	9	25
105100003	8	54	11	25
105100004	10	64	13	25
105100005	12	70	17	25
105100006	14	74.5	17	10

13530

ADATTATORE ORIENTABILE MASCHIO CILINDRICO - ORIENTING MALE ADAPTOR PARALLEL


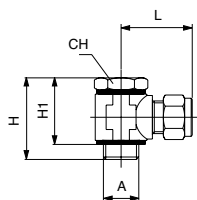
Codice Code	D	F	L	L1	CH	Conf. Pack.
135300001	6	1/8	27.5	16	13	50
135300002	6	1/4	31	16	17	50
135300003	8	1/8	31.5	19	13	25
135300004	8	1/4	34	19	17	25
135300005	8	3/8	38	19	22	25
135300006	10	1/4	35	20	17	25
135300007	10	3/8	39	20	22	25
135300008	14	3/8	40	21	22	25
135300009	14	1/2	42	21	27	25

13540

MANICOTTO PORTAGOMMA PER TUBO CAUCCIÙ - SLEEVE HOSE ADAPTER FOR CAOUTCHOUC TUBES


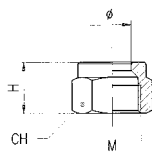
Codice Code	D1	D2	L1	L	Conf. Pack.
135400001GG00	6	7	22.5	40.5	50
135400001GH00	8	7	22.5	43.5	50
135400001GP00	8	10	22.5	43.5	50
135400001GI00	10	7	22.5	44.5	25
135400001FR00	10	10	22.5	44.5	25
135400001FS00	12	10	22.5	45	25
135400001GM00	12	13	29.5	52	25
135400001GN00	14	13	29.5	52.5	25

10550

RACCORDO ORIENTABILE A L CON VITE - SINGLE BANJO BODY WITH STEM


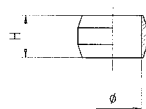
Codice Code	Tubo Tube	A	L	H	H1	CH	Conf. Pack.
1055000001	4	1/8	21.5	31	23	14	25
1055000002	6	1/8	23	31	23	14	25
1055000003	6	1/4	26	32	23.5	17	25
1055000004	8	1/8	26.5	31	23	14	25
1055000005	8	1/4	27	32	23.5	17	25
1055000006	8	3/8	28	36	26.5	19	25
1055000007	10	1/4	31.5	32	23.5	17	25
1055000008	10	3/8	32.5	36	26.5	19	25
1055000009	14	1/4	36.5	44	36.5	17	25
1055000010	14	3/8	36.5	46	37	22	25
1055000011	14	1/2	36.5	49	38	24	10
1055000012	22	3/4	45.5	64	52	32	10

10680

DADO - NUT


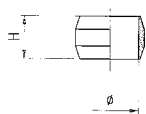
Codice Code	Tubo Tube	H	CH	M	Conf. Pack.
106800001X1NB	4	9.5	10	M8x1	50
106800001X4NB	6	10.5	12	M10x1	50
106800001X7NB	8	11.5	14	M12x1	50
106800001X9NB	10	13.5	19	M16x1.5	50
106800001Y1NB	12	13.5	21	M18x1.5	50
106800001Y3NB	14	14.5	23	M20x1.5	25
106800001Y4NB	15	16	23	M20x1.5	25
106800001Y5NB	16	17	25	M22x1.5	25
106800001Y7NB	18	18	28	M24x1.5	25
106800001J1NB	22	18	34	M30x1.5	10

10740

OGIVA OTTONE - BRASS OLIVE


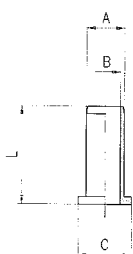
Codice Code	Tubo Tube	H	Conf. Pack.
107400002X100	4	5.5	50
107400002X400	6	6.5	50
107400002X700	8	6.5	50
107400002X900	10	7.5	50
107400002Y100	12	8	50
107400002Y300	14	8.5	25
107400002Y400	15	9	25
107400002Y500	16	9.5	25
107400002Y700	18	10	25
107400002J100	22	10	10

10760

OGIVA PTFE - PTFE OLIVE


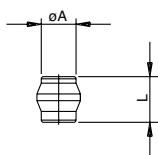
Codice Code	Tubo Tube	H	Conf. Pack.
107600028X100	4	5.5	50
107600028X400	6	6.5	50
107600028X700	8	6.5	50
107600028X900	10	7.5	50
107600028Y100	12	8	50
107600028Y300	14	8.5	50
107600028Y400	15	9	50
107600028Y500	16	9.5	50
107600028Y700	18	10	50
107600028J100	22	10	50

10770

BUSSOLA DI RINFORZO - INTERNAL SUPPORT BUSH


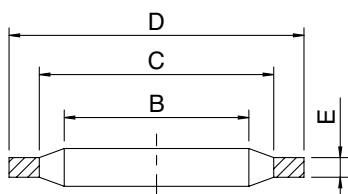
Codice Code	Tubo Tube	A	B	C	L	Conf. Pack.
1077000011D00	4/2.7	2.7	1.5	3.8	13	50
1077000013D00	6/4	4	3	5	13	50
1077000014D00	8/6	6	5	7	16.5	50
1077000015D00	10/8	8	7	9	17	50
1077000017D00	12/9	9	8	11	19	50
1077000018D00	12/10	10	9	11	19	50
1077000010E00	14/12	12	11	13.5	21	50
1077000011E00	15/12.5	12.5	11.5	14	21	50
1077000013E00	16/13	13	12	15	22	50
1077000017E00	18/15	15	14	17.5	23	50
1077000018E00	18/16	16	15	17.5	23	50
1077000010F00	22/18	18	16.5	19	25	50

13780

TAPPO PER RACCORDI UNIVERSALI - PLUG FOR UNIVERSAL FITTINGS


Codice Code	A	L	Conf. Pack.
137800001X100	4	10	50
137800001X400	6	10.5	50
137800001X700	8	10.5	50
137800001X900	10	11.5	50
137800001Y100	12	12	50
137800001Y300	14	14	25
137800001Y400	15	14	25
137800001Y500	16	14	25
137800001Y700	18	16	25
137800001J100	22	15	25

1612

RONDELLA BIMATERIALE IN ACCIAIO E NBR - STEEL AND NBR BIMATERIAL WASHER

CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS
Temperatura minima / minimum temperature: -30°C
Temperatura massima / maximum temperature: +100°C

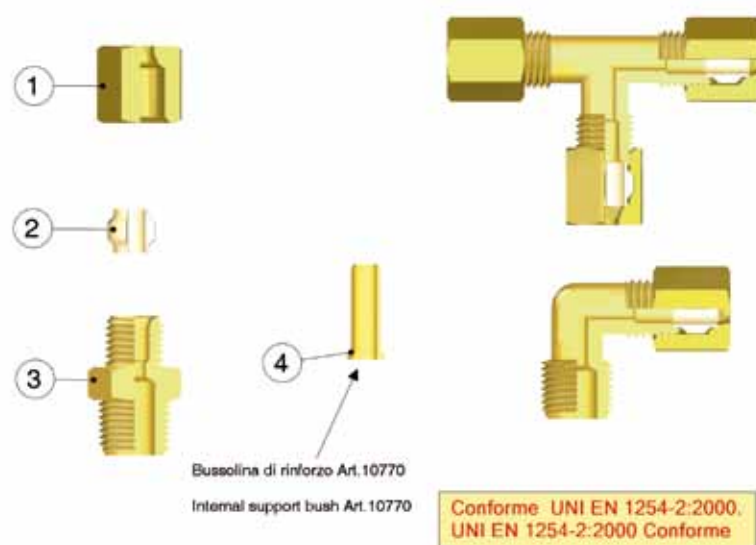
Codice Code	A	B	C	D	E	Conf. Pack.
0161200001	1/8	10.4	12	14.7	1.25	25
0161200002	1/4	13.85	15.75	18.7	1.25	25
0161200003	3/8	17.35	19.25	22.7	1.25	25
0161200004	1/2	21.65	23.55	26.7	1.25	25
0161200005	3/4	27.3	29.2	32.5	1.25	25
0161200006	1"	34.2	36.1	39.5	2	25



Serie 13000

RACCORDI UNIVERSALI
UNIVERSAL FITTINGS

Caratteristiche Tecniche / Technical Characteristics



Materiali e Componenti / Component Parts and Materials

- | | |
|-------------------------|-------------------------|
| 1 Dado in Ottone | 1 Brass Nut |
| 2 Ogiva in Ottone | 2 Brass Olive |
| 3 Corpo in Ottone | 3 Brass Body |
| 4 Bussolina di rinforzo | 4 Internal support bush |

Pressioni e Temperature / Pressures and Temperatures

Pressioni e temperature vengono determinate dal tipo di tubo impiegato, pertanto tali valori sono da definirsi in base alle caratteristiche del tubo stesso. Riportiamo di seguito i valori delle pressioni massime consigliate per l'utilizzo dei raccordi con tubi di rame dallo spessore di 1 mm a 20° C.

The working pressures and working temperatures depend on which type of tube is used, for this reason, the values must be determined in accordance with the tube's features.

Hereunder, we specify the values of the maximum pressure advised for the fittings at a temperature of 20° C connected with copper tube, which has a thickness of 1 mm.

I valori delle pressioni consigliate, riportate in tabella, sono stati ottenuti dai valori di prova adottando un Coefficiente di Sicurezza 4. Sono disponibili i certificati delle prove rilasciati dai vari laboratori che le hanno eseguite.

The values of working pressures advised, specified in table have been obtained from the test values using a Safety Factor 4. It is available the test report made by the external laboratory test.

MISURA SIZE	PRESSIONE MASSIMA CONSIGLIATA MAXIMUM PRESSURE ADVISED
ø 4	150 kg/cmq. - 148.4 Bar
ø 6	150 kg/cmq. - 148.4 Bar
ø 8	135 kg/cmq. - 133.6 Bar
ø 10	95 kg/cmq. - 94 Bar
ø 12	75 kg/cmq. - 74.2 Bar
ø 14	100 kg/cmq. - 99 Bar
ø 16	95 kg/cmq. - 94 Bar
ø 18	70 kg/cmq. - 69.3 Bar
ø 22	70 kg/cmq. - 69.3 Bar

Filettature / Threads

Gas conica conforme ISO 7.1, BS 21, DIN 2999 / Tapered gas in conformity with ISO 7.1, BS 21, DIN 2999.

Gas cilindrica conforme ISO 228 / Parallel gas in conformity with ISO 228.

Metrica conforme ISO R/262 / Metric in conformity with ISO R/262.

Tubi di collegamento / Connection Tubes

Tubi in rame, ferro, acciaio, alluminio, ottone, ecc.
Con apposito rinforzo interno (art.10770), possono essere utilizzati anche tubi in PA11, PA6, ecc.

*Tubes made in copper, steel, iron, aluminium, brass, etc.
With an inside support bush (art. 10770), can be used also for plastic material such as PA11, PA6, ecc.*

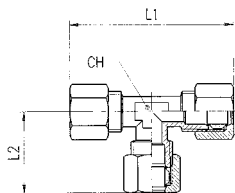
Fluidi compatibili / Fluids

Acqua, olio, aria compressa, fluidi in genere per l'impiantistica idraulica, oleodinamica, idropneumatica, ecc.

Water, oils, compressed air, fluids in general for the hydraulic, pneumatic and oildynamic plants etc.

13200

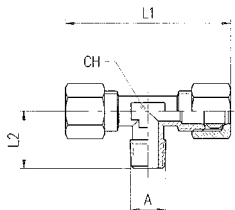
RACCORDO A T INTERMEDIO - TEE CONNECTOR



Codice Code	Tubo Tube	L1	L2	CH	Conf. Pack.
132000001	4	44	22	8	25
132000002	6	48	24	9	25
132000003	8	57	28.5	12	25
132000004	10	64	32	13	25
132000005	12	69	35	14	25
132000006	14	78	39	18	10
132000007	15	77	38.5	18	10
132000008	16	78.5	39.5	17	10
132000009	18	83	41.5	20	10
132000010	22	89	44.5	27	10

13220

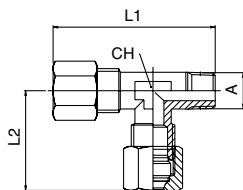
RACCORDO A T MASCHIO CENTRALE - TEE MALE ADAPTOR CENTRE LEG



Codice Code	Tubo Tube	A	L1	L2	CH	Conf. Pack.
132200001	4	1/8	45	15	8	50
132200002	6	1/8	48	16.5	9	25
132200003	6	1/4	48	20.5	9	25
132200004	8	1/8	57	16.5	12	25
132200005	8	1/4	57	20.5	12	25
132200006	8	3/8	61	23	13	25
132200007	10	1/4	64	22.5	13	25
132200008	10	3/8	64	23.5	13	25
132200009	10	1/2	68	27	14	25
132200010	12	1/4	69	24.5	14	25
132200011	12	3/8	69	25	14	25
132200012	12	1/2	69	26.5	14	25
132200013	14	3/8	74	26	16	25
132200014	14	1/2	77	31	18	25
132200015	15	1/2	78	31	18	25
132200016	16	1/2	78.5	29	17	10
132200017	18	1/2	83	29.5	20	10
132200018	18	3/4	83	32.5	20	10
132200019	22	3/4	89	34	27	10

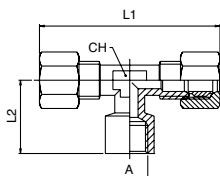
13230

RACCORDO A T MASCHIO LATERALE - TEE MALE ADAPTOR OFF SET LEG



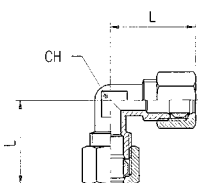
Codice Code	Tubo Tube	A	L1	L2	CH	Conf. Pack.
132300001	4	1/8	37.5	22.5	8	50
132300002	6	1/8	40	25	9	25
132300003	6	1/4	44	24	9	25
132300004	8	1/8	45.5	28.5	12	25
132300005	8	1/4	49	28.5	12	25
132300006	8	3/8	52	28.5	13	25
132300007	10	1/4	55	32	13	25
132300008	10	3/8	55.5	32	13	25
132300009	12	3/8	58.5	35	14	25
132300010	12	1/2	60	35.5	15	25
132300011	14	1/2	67	38.5	18	25

13240

RACCORDO A T FEMMINA CENTRALE - TEE FEMALE CENTRE LEG


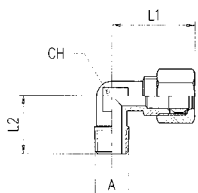
Codice Code	Tubo Tube	A	L1	L2	CH	Conf. Pack.
132400001	4	1/8	45	18	8	50
132400002	6	1/8	47.5	19.5	9	50
132400003	6	1/4	56	24.5	13	50
132400004	8	1/8	57	19.5	12	50
132400005	8	1/4	59	24.5	13	50
132400007	10	1/4	64	24.5	13	25
132400008	10	3/8	58	26	14	25
132400009	10	1/2	69	26	15	25
132400010	12	1/4	69	25.5	14	25
132400011	12	3/8	69	26	14	25
132400012	12	1/2	70	26	15	25
132400013	14	1/2	77	30	18	25
132400014	15	1/2	78	30	18	25
132400015	16	1/2	77.5	28.5	17	10
132400016	18	1/2	83	28	20	10
132400017	18	3/4	83	34	20	10

13260

RACCORDO A L INTERMEDIO - ELBOW CONNECTOR


Codice Code	Tubo Tube	L	CH	Conf. Pack.
132600001	4	21.5	8	50
132600002	6	24	9	50
132600003	8	30	11	25
132600004	10	33	13	25
132600005	12	36	14	25
132600006	14	37	17	25
132600007	15	38	17	25
132600008	16	39.5	17	10
132600009	18	41.5	20	10
132600010	22	44.5	27	10

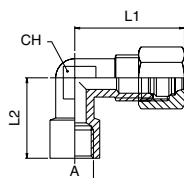
13280

RACCORDO A L MASCHIO - ELBOW MALE ADAPTOR


Codice Code	Tubo Tube	A	L1	L2	CH	Conf. Pack.
132800001	4	1/8	21.5	15	8	50
132800002	6	1/8	24	17	9	50
132800003	6	1/4	24	19	9	50
132800004	8	1/8	30	18	11	50
132800005	8	1/4	30	21.5	11	50
132800006	8	3/8	30.5	24	13	25
132800007	10	1/4	33	23.5	13	25
132800008	10	3/8	33	24.5	13	25
132800009	10	1/2	35	25	14	25
132800010	12	1/4	36	24	14	25
132800011	12	3/8	36	26	14	25
132800012	12	1/2	36	25	14	25
132800013	14	3/8	39	26	17	25
132800014	14	1/2	39	28.5	17	25
132800015	15	1/2	39	28.5	17	25
132800016	16	1/2	40	28	17	10
132800017	18	1/2	41.5	29.5	20	10
132800018	18	3/4	41.5	32	20	10
132800019	22	3/4	44.5	34	27	10

13290

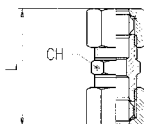
RACCORDO A L FEMMINA - ELBOW FEMALE ADAPTOR



Codice Code	Tubo Tube	A	L1	L2	CH	Conf. Pack.
1329000001	4	1/8	23	18	8	50
1329000002	6	1/8	24	18	9	50
1329000003	6	1/4	24.5	22.5	11	50
1329000004	8	1/8	30	21	11	50
1329000005	8	1/4	30.5	25.5	13	50
1329000006	8	3/8	31	25	14	25
1329000007	10	1/4	34	25	13	50
1329000008	10	3/8	34	25	14	50
1329000009	10	1/2	34	27	15	50
1329000010	12	1/4	36	26	14	25
1329000011	12	3/8	36	26	14	25
1329000012	12	1/2	36	27	15	25
1329000013	14	1/2	39	30	18	25
1329000014	15	1/2	39	30	18	25
1329000015	16	1/2	41.5	30	18	10
1329000016	18	1/2	41.5	29	20	10
1329000017	18	3/4	44.5	33.5	20	10

13460

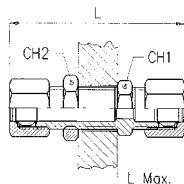
RACCORDO DIRITTO INTERMEDIO - STRAIGHT CONNECTOR



Codice Code	Tubo Tube	L	CH	Conf. Pack.
1346000001	4	33	10	50
1346000002	6	36	11	50
1346000003	8	40	13	50
1346000004	10	45.5	16	25
1346000005	12	47	18	25
1346000006	14	47.5	21	25
1346000007	15	52	21	25
1346000008	16	52.5	22	25
1346000009	18	56	26	10
1346000010	22	58.5	30	10

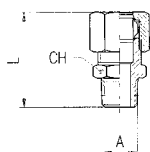
13465

RACCORDO INTERMEDIO DI ATTRAVERSAMENTO - BULKHEAD CONNECTOR



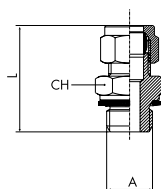
Codice Code	Tubo Tube	L	L MAX	CH1	CH2	Conf. Pack.
1346500001	4	49	12	10	13	25
1346500002	6	52.5	12.5	13	14	25
1346500003	8	56.5	12.5	14	17	25
1346500004	10	63.5	13	19	22	25
1346500005	12	70.5	17	22	22	25
1346500006	14	72.5	19	24	24	25

13480

RACCORDO DIRITTO MASCHIO CONICO - STRAIGHT MALE ADAPTOR (TAPER)


Codice Code	Tubo Tube	A	L	CH	Conf. Pack.
134800001	4	1/8	26,5	11	50
134800002	4	1/4	29,5	14	50
134800003	6	1/8	28	11	50
134800004	6	1/4	31,5	14	50
134800005	6	3/8	32	17	50
134800006	8	1/8	30	13	50
134800007	8	1/4	33,5	14	25
134800008	8	3/8	34	17	25
134800009	10	1/4	36	16	25
134800010	10	3/8	36,5	17	25
134800011	10	1/2	38	21	25
134800012	12	1/4	37	18	25
134800013	12	3/8	37,5	18	25
134800014	12	1/2	39	21	25
134800015	14	3/8	37,5	20	25
134800016	14	1/2	40	21	25
134800017	15	1/2	40	21	25
134800018	16	1/2	42,5	22	10
134800019	16	3/4	44	27	10
134800020	18	1/2	43,5	24	10
134800021	18	3/4	45	27	10
134800022	22	1/2	46	30	10
134800023	22	3/4	47,5	30	10

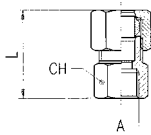
13485

RACCORDO DIRITTO MASCHIO CILINDRICO - STRAIGHT MALE ADAPTOR (PARALLEL)


Codice Code	Tubo Tube	A	L	CH	Conf. Pack.
134850001	4	1/8	26	13	25
134850002	6	1/8	27	13	25
134850003	6	1/4	30,5	17	25
134850004	8	1/8	30	13	25
134850005	8	1/4	32,5	17	25
134850006	8	3/8	36,5	22	25
134850007	10	1/4	35	17	25
134850008	10	3/8	39	22	25
134850009	14	3/8	40	22	25
134850010	14	1/2	42	27	25
134850011	22	3/4	49	32	10
134850012	22	1"	52	40	10

13500

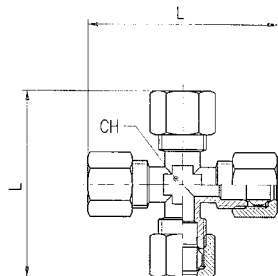
RACCORDO DIRITTO FEMMINA - STRAIGHT FEMALE ADAPTOR



Codice Code	Tubo Tube	A	L	CH	Conf. Pack.
135000001	4	1/8	25	14	50
135000002	4	1/4	27.5	17	50
135000003	6	1/8	26	14	50
135000004	6	1/4	28.5	17	50
135000005	8	1/8	28	14	50
135000006	8	1/4	30.5	17	50
135000007	8	3/8	31.5	20	25
135000008	10	1/4	33	17	25
135000009	10	3/8	33.5	20	25
135000010	10	1/2	35.5	24	25
135000011	12	1/4	34	18	25
135000012	12	3/8	34.5	20	25
135000013	12	1/2	34	24	25
135000014	14	3/8	36.5	20	25
135000015	14	1/2	34	24	25
135000016	15	1/2	36.5	24	25
135000017	16	1/2	39	24	10
135000018	16	3/4	40.5	30	10
135000019	18	1/2	40	24	10
135000020	18	3/4	41.5	30	10
135000021	22	3/4	41.5	30	10

13510

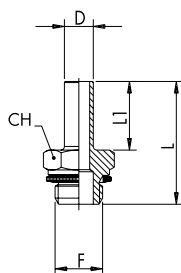
RACCORDO A CROCE - EQUAL CROSS



Codice Code	Tubo Tube	L	CH	Conf. Pack.
135100001	4	47	8	25
135100002	6	48	9	25
135100003	8	58	11	25
135100004	10	66	13	25
135100005	12	74.5	17	25
135100006	14	74.5	17	10

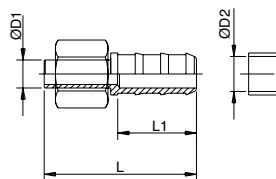
13530

ADATTATORE ORIENTABILE MASCHIO CILINDRICO - ORIENTING MALE ADAPTOR PARALLEL



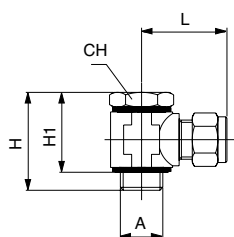
Codice Code	D	F	L	L1	CH	Conf. Pack.
135300001	6	1/8	27.5	16	13	50
135300002	6	1/4	31	16	17	50
135300003	8	1/8	31.5	19	13	25
135300004	8	1/4	34	19	17	25
135300005	8	3/8	38	19	22	25
135300006	10	1/4	35	20	17	25
135300007	10	3/8	39	20	22	25
135300008	14	3/8	40	21	22	25
135300009	14	1/2	42	21	27	25

13540

MANICOTTO PORTAGOMMA PER TUBO CAUCCIÙ - SLEEVE HOSE ADAPTER FOR CAOUTCHOUC TUBES


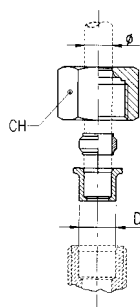
Codice Code	D1	D2	L1	L	Conf. Pack.
135400001GG00	6	7	22.5	40.5	50
135400001GH00	8	7	22.5	43.5	50
135400001GP00	8	10	22.5	43.5	50
135400001GI00	10	7	22.5	44.5	25
135400001FR00	10	10	22.5	44.5	25
135400001FS00	12	10	22.5	45	25
135400001GM00	12	13	29.5	52	25
135400001GN00	14	13	29.5	52.5	25

13550

RACCORDO ORIENTABILE A L CON VITE - SINGLE BANJO BODY WITH STEM


Codice Code	Tubo Tube	A	L	H	H1	CH	Conf. Pack.
1355000001	4	1/8	22.5	31	24.5	14	25
1355000002	6	1/8	23.5	31	24.5	14	25
1355000003	6	1/4	26.5	32	25	17	25
1355000004	8	1/8	28.5	31	24.5	14	25
1355000005	8	1/4	28.5	32	25	17	25
1355000006	8	3/8	30	36	27.5	19	25
1355000007	10	1/4	32.5	32	25	17	25
1355000008	10	3/8	32.5	36	27.5	19	25
1355000009	14	1/4	37	44	38	17	25
1355000010	14	3/8	37	46	38	22	25
1355000011	14	1/2	37	49	39.5	24	10
1355000012	22	3/4	47	64	55	32	10

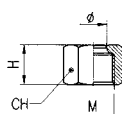
13600

RIDUZIONE - REDUCTION


Codice Code	Ø	D	CH	Conf. Pack.
1360000001	4	6	13	10
1360000002	6	8	14	10
1360000003	8	10	19	10
1360000004	10	12	22	10
1360000005	12	14	24	10

Questo articolo è comprensivo di tre particolari quali: Dado, Ogiva, Riduzione.
This article is comprehensive of 3 parts: Nut, Olive, Reduction.

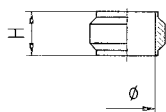
13680

DADO - NUT


Codice Code	Tubo Tube	H	CH	M	Conf. Pack.
136800001X100	4	10.5	10	M8x1	50
136800001X400	6	10.5	13	M10x1	50
136800001X700	8	12.5	14	M12x1	50
136800001X900	10	15	19	M16x1.5	50
136800001Y100	12	15	22	M18x1.5	50
136800001Y300	14	15	24	M20x1.5	25
136800001Y400	15	15	24	M20x1.5	25
136800001Y500	16	17	27	M22x1.5	25
136800001Y700	18	18	30	M24x1.5	25
136800001J100	22	19	36	M30x1.5	10

13740

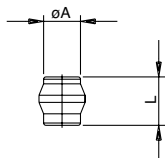
OGIVA OTTONE - BRASS OLIVE



Codice Code	Tubo Tube	H	Conf. Pack.
137400001X100	4	6	50
137400001X400	6	6.5	50
137400001X700	8	7	50
137400001X900	10	8	50
137400001Y100	12	8.5	50
137400001Y300	14	8.5	25
137400001Y400	15	8.5	25
137400001Y500	16	9	25
137400001Y700	18	9.5	25
137400001J100	22	10	10

13780

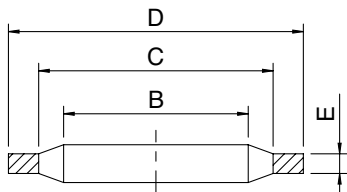
TAPPO PER RACCORDI UNIVERSALI - PLUG FOR UNIVERSAL FITTINGS



Codice Code	A	L	Conf. Pack.
137800001X100	4	10	50
137800001X400	6	10.5	50
137800001X700	8	10.5	50
137800001X900	10	11.5	50
137800001Y100	12	12	50
137800001Y300	14	14	25
137800001Y400	15	14	25
137800001Y500	16	14	25
137800001Y700	18	16	25
137800001J100	22	15	25

1612

RONDELLA BIMATERIALE IN ACCIAIO E NBR - STEEL AND NBR BIMATERIAL WASHER



CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

Temperatura minima / minimum temperature: -30°C
 Temperatura massima / maximum temperature: +100°C

Codice Code	A	B	C	D	E	Conf. Pack.
0161200001	1/8	10.4	12	14.7	1.25	25
0161200002	1/4	13.85	15.75	18.7	1.25	25
0161200003	3/8	17.35	19.25	22.7	1.25	25
0161200004	1/2	21.65	23.55	26.7	1.25	25
0161200005	3/4	27.3	29.2	32.5	1.25	25
0161200006	1"	34.2	36.1	39.5	2	25

