RACCORDI A COMPRESSIONE INOX AISI 316 DIN 2353
compression fittings INOX AISI 316 DIN 2353

LEGENDA CODICE • *Model designation*

NEW RANGE

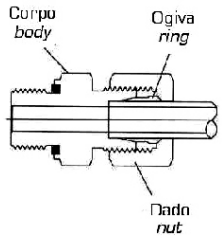
3720TRL 18 6

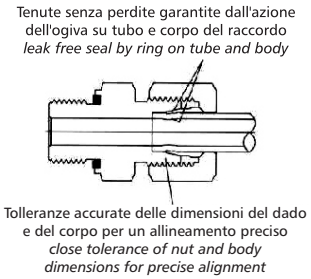
Codice *code*	Filetto *thread size*	Diametro Tubo *tube diameter*

Conico BSPT *BSPT thread*	
18	R 1/8"
14	R 1/4"
38	R 3/8"
12	R 1/2"
Cilindrico BSPP *BSPP thread*	
18	G 1/8"
14	G 1/4"
38	G 3/8"
12	G 1/2"

Code	Size
6	6mm
8	8mm
10	10mm
12	12mm
15	15mm

SEZIONE INTERNA • *Construction*





DATI TECNICI

Applicazioni	Circuiti Pneumatici e Oleodinamici, Industria Automotive, Chimica, Petrolifera, Alimentare, Navale ed in ambienti corrosivi. Tutte le parti componenti i raccordi in gamma sono prodotte rispettando le normative DIN 2353
Materiali utilizzati	INOX AISI 316
Filettature	Conica BSPT BS21, ISO 7/1 Maschio Cilindrica BSPP DIN 3852, Tipo B BS 2779, ISO 228/1 Femmina Cilindrica BSPP DIN 3852 Tipo Y, BS 2779 ISO 228/1
Pressione d'esercizio max	250 BAR
Temperatura d'esercizio	fino a 400°C
Tubi da utilizzare	Acciaio INOX temprato senza saldature secondo lo standard ASTM 213, ASTM 269 o equivalente I tubi devono essere compatibili con il fluido di processo, la pressione e la temperatura relativa e non devono avere una durezza che ecceda i 90 Rb.

Prodotti conformi alla direttiva 2002/95/EC **RoHS**

Technical specifications

applications	*pneumatic and hydraulic systems, fuel heating, automotive industry, chemical, food, nautical and corrosive applications. all the fittings parts are manufactured in compliance with DIN 2353*
materials used	*stainless steel AISI 316*
threads	*taper BSPT BS21, ISO 7/1 male cylindrical BSPP DIN 3852, form B BS 2779, ISO 228/1 female cylindrical BSPP DIN 3852, form Y, BS 2779 ISO 228/1*
max working pressure	*250 BAR*
working temperature	*up to 400°C*
tubes used	*Stainless steel annealed seamless tubing according to standard ASTM 213, ASTM 269 or equivalent. The tubes should be compatible with process fluid, pressure and temperature. The hardness of tubes should not exceed 90 Rb.*

products in conformity with the directive 2002/95/EC **RoHS**

Tutti i raccordi sono disponibili su richiesta anche nelle misure 18 mm. 22 mm. e 28mm. e con filetti NPT & tubo in pollici
On demand all fittings are available also with sizes 18 mm. 22 mm. & 28mm. and with NPT trheads & inch size tube

I dati tecnici e le quote non sono vincolanti • *drawings and technical data are not binding*

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ISTRUZIONI PER IL CORRETTO ASSEMBLAGGIO DEI RACCORDI

- Assicurarsi che il tubo abbia un taglio a 90° con una tolleranza di ± 1/2° sull'asse del tubo eliminando eventuali bave e spigoli presenti.
- Lubrificare il filetto, la parte svasata del corpo, l'ogiva ed il filetto del dado.
- Calzare il dado e l'ogiva sull'estremità del tubo da inserire.
- Avvitare il dado manualmente sul corpo del raccordo mantenendo il tubo in posizione di completo inserimento.
- Eseguire il serraggio finale stringendo a chiave il dado per un $1^{1/2}$ come mostrato in **fig. A**
- Allentare il dado, rimuovere il tubo dal raccordo e controllare il funzionamento del tagliente. Dovrà essersi creata una scanalatura in prossimità del tagliente dell'ogiva.
  Non è necessario che l'ogiva sia immobile sul tubo.
- Assemblaggio finale: Stringere il dado fino a che non si sia ottenuta una sufficiente coppia di torsione.

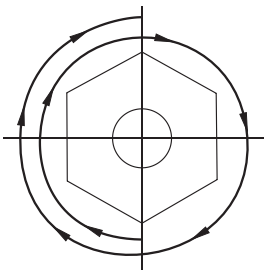
Riassemblaggio:
Ogni volta che il raccordo viene smontato, il dado deve essere stretto di nuovo fermamente utilizzando la stessa coppia torsionale richiesta per l'assemblaggio finale

INSTRUCTION FOR RIGHT FITTINGS ASSEMBLY

- *Ensure that the end of the tube is cut square within ± 1/2° angle to the tube axis, and remove eventual burrs and sharp edges.*
- *Lubricate the thread and cone of the fitting body, ring and thread of the nut.*
- *Insert the nut and the ring over the tube end.*
- *Screw on nut manually on to fittings body until finger tight, hold tube against the shoulder in the cone of the fitting body.*
- *Tighten the nut with wrench $1^{1/2}$ turn from the finger tight position as shown in **fig. A.***
- *Loosen the nut, remove the tube from the fitting, check penetration of cutting edge. A visible collar fills space in front of first cutting edge completely. It does not matter even ring rotate on tube end.*
- *Final assembly: tighten the nut until a sharp condition rise in torque is felt.*

Reassembly:
Each time the fitting is disassembled, the nut must be retightened firmly using the same torque as required for final assembly.

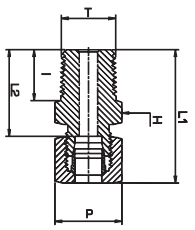
FIG. A



3700

diritto maschio conico BSPT • *male connector BSPT thread*

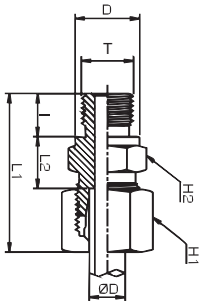
CODE	T	ØO.D.	i	L1	L2	P	H(Hex)	Peso Weight(g)	
3700TRL186	R1/8"	6	8	30	15	14	112	22,0	1
3700TRL148	R1/4"	8	12	35	20	17	17	38,0	1
3700TRL1410	R1/4"	10	12	36	21	19	17	43,0	1
3700TRL1412	R1/4"	12	12	37	22	22	19	56,0	1
3700TRL3815	R3/8"	15	12	38	23	27	24	96,0	1
3700TRL1215	R1/2"		14	40	25	27	24	103,0	1



3720

diritto maschio cilindrico BSPP • *male connector BSPP thread*

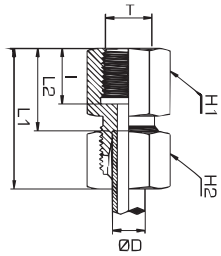
CODE	T	ØO.D.	L1	L2	I	D	H1(Hex)	H2(Hex)	Peso Weight(g)	
3720TRL186	G1/8"	6	23	8,5	8	14	14	14	25,0	1
3720TRL146	G1/4"		25	10,0	12	18	14	19	35,0	1
3720TRL386	G3/8"		26	11,5	12	22	14	22	56,0	1
3720TRL126	G1/2"		27	12,0	14	26	14	27	73,0	1
3720TRL188	G1/8"	8	24	9,5	8	14	17	14	31,0	1
3720TRL148	G1/4"		25	10,0	12	18	17	19	43,0	1
3720TRL388	G3/8"		26	11,5	12	22	17	22	60,0	1
3720TRL128	G1/2"		27	12,0	14	26	17	27	90,0	1
3720TRL1410	G1/4"	10	26	11,0	12	18	19	19	48,0	1
3720TRL3810	G3/8"		27	12,5	12	22	19	22	62,0	1
3720TRL1210	G1/2"		28	13,0	14	26	19	27	92,0	1
3720TRL1412	G1/4"	12	27	12,0	12	18	22	19	58,0	1
3720TRL3812	G3/8"		27	12,5	12	22	22	22	70,0	1
3720TRL1212	G1/2"		28	13,0	14	26	22	27	94,0	1
3720TRL3412	G3/4"		29	14,0	16	32	22	32	147,0	1
3720TRL3815	G3/8"	15	29	13,5	12	22	27	24	97,0	1
3720TRL1215	G1/2"		29	14,0	14	26	27	27	116,0	1
3720TRL3415	G3/4"		30	15,0	16	32	27	32	161,0	1



3730

diritto femmina cilindrico BSPP • *female connector BSPP thread*

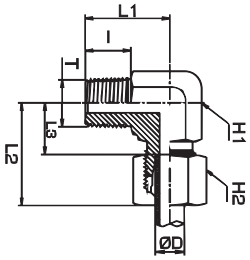
CODE	T	ØO.D.	L1	L2	I	H1(Hex)	H2(Hex)	Peso Weight(g)	
3730TRL186	G1/8"	6	34	19,0	12	14	14	29,0	1
3730TRL148	G1/4"	8	39	24,0	17	19	17	55,0	1
3730TRL388	G3/8"		40	25,0	17	24	17	77,0	1
3730TRL128	G1/2"		44	29,0	20	27	17	96,0	1
3730TRL1410	G1/4"	10	40	25,0	17	19	19	60,0	1
3730TRL3810	G3/8"		41	26,0	17	24	19	83,0	1
3730TRL1210	G1/2"		45	30,0	20	27	19	100,0	1
3730TRL3812	G3/8"	12	41	26,0	17	24	22	91,0	1
3730TRL1212	G1/2"		45	30,0	20	27	22	106,0	1
3730TRL1215	G1/2"	15	46	31,0	20	27	27	131,0	1



3740

gomito maschio conico BSPT • *male elbow BSPT thread*

CODE	T	ØO.D.	L1	L2	L3	I	H1(Hex)	H2(Hex)	Peso Weight(g)	
3740TRL186	R1/8"	6	20	27	12,0	9,9	12	14	40	1
3740TRL146	R1/4"		26	31	17,0	12,5	13	14	46	1
3740TRL188	R1/8"	8	21	31	16,5	10,5	13	17	48	1
3740TRL148	R1/4"		26	29	14,0	15,1	14	17	63	1
3740TRL1410	R1/4"	10	27	30	15,0	15,1	17	19	81	1
3740TRL3810	R3/8"		28	32	17,0	15,2	19	22	115	1
3740TRL3812	R3/8"	12	34	36	19,8	21,0	19	27	133	1
3740TRL1215	R1/2"		34,5	40	23,0	20,0	19	27	139	1



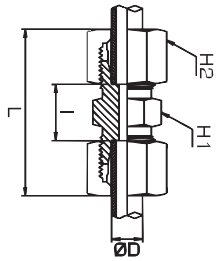
3740TRL146
3740TRL188
3740TRL3810

NON CONFORMI ALLA NORMATIVA DIN 2353 - *not conformity with the directive DIN 2353*

3780

diritto intermedio • *union connector*

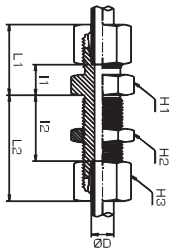
CODE	ØO.D.	L	I	H1(Hex)	H2(Hex)	Peso Weight(g)	
3780TRL6	6	39	10	12	14	34,0	1
3780TRL8	8	40	11	14	17	49,0	1
3780TRL10	10	42	13	17	19	62,0	1
3780TRL12	12	43	14	19	22	83,0	1
3780TRL15	15	46	16	24	27	137,0	1



passaparete • *bulkhead connector*

3790

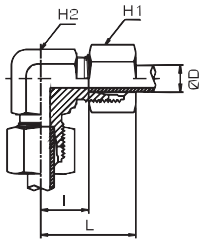
CODE	ØO.D.	L1	I1	L2	I2	H1(Hex)	H2(Hex)	H3(Hex)	Peso Weight(g)	
3790TRL6	6	22	7	42	27	17	17	14	60,0	1
3790TRL8	8	23	8	42	27	19	19	17	82,0	1
3790TRL10	10	25	10	43	28	22	22	19	106,0	1
3790TRL12	12	25	10	44	29	24	24	22	133,0	1
3790TRL15	15	27	12	46	31	27	27	27	216	1



gomito intermedio • *union elbow*

3800

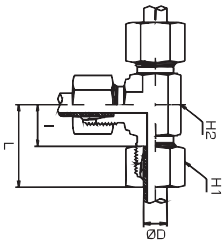
CODE	ØO.D.	L	I	H1(Hex)	H2(Hex)	Peso Weight(g)	
3800TRL6	6	27	12	14	12	51,0	1
3800TRL8	8	29	14	17	12	75,0	1
3800TRL10	10	30	15	19	14	98,0	1
3800TRL12	12	32	17	22	17	134,0	1
3800TRL15	15	36	21	27	19	230,0	1



T intermedio • *union tee*

3810

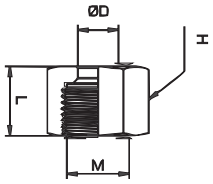
CODE	ØO.D.	L	I	H1(Hex)	H2(Hex)	Peso Weight(g)	
3810TRL6	6	27	12	14	12	71,0	1
3810TRL8	8	29	14	17	12	101,0	1
3810TRL10	10	30	15	19	14	128,0	1
3810TRL12	12	32	17	22	17	170,0	1
3810TRL15	15	36	21	27	19	230,0	1



dado • *nut*

3830

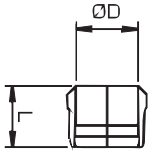
CODE	ØO.D.	M	L	H(Hex)	Peso Weight(g)	
3830TRL6	6	M12x1,5	15,0	14	9,0	1
3830TRL8	8	M14x1,5	15,0	17	14,0	1
3830TRL10	10	M16x1,5	16,0	19	17,0	1
3830TRL12	12	M18x1,0	16,0	22	24,0	1
3830TRL15	15	M22X1,5	17,5	27	40,0	1



ogiva INOX AISI 316 • *INOX AISI 316 ogive*

3840

CODE	ØO.D.	L	Peso Weight(g)	
3840TRL6	6	9,5	2,0	1
3840TRL8	8	9,5	2,0	1
3840TRL10	10	10,0	3,0	1
3840TRL12	12	10,0	3,0	1
3840TRL15	15	10,0	4.0	1



tappo femmina • *female plug*

3855

CODE	ØO.D.	L1	L2	F	P	Peso Weight(g)	
3855TRL6	6	22	7	12	14	19,0	1
3855TRL8	8	23	8	14	17	28,0	1
3855TRL10	10	24	9	17	19	37,0	1
3855TRL12	12	25	10	19	22	50,0	1
3855TRL15	15	26	11	24	27	82,0	1