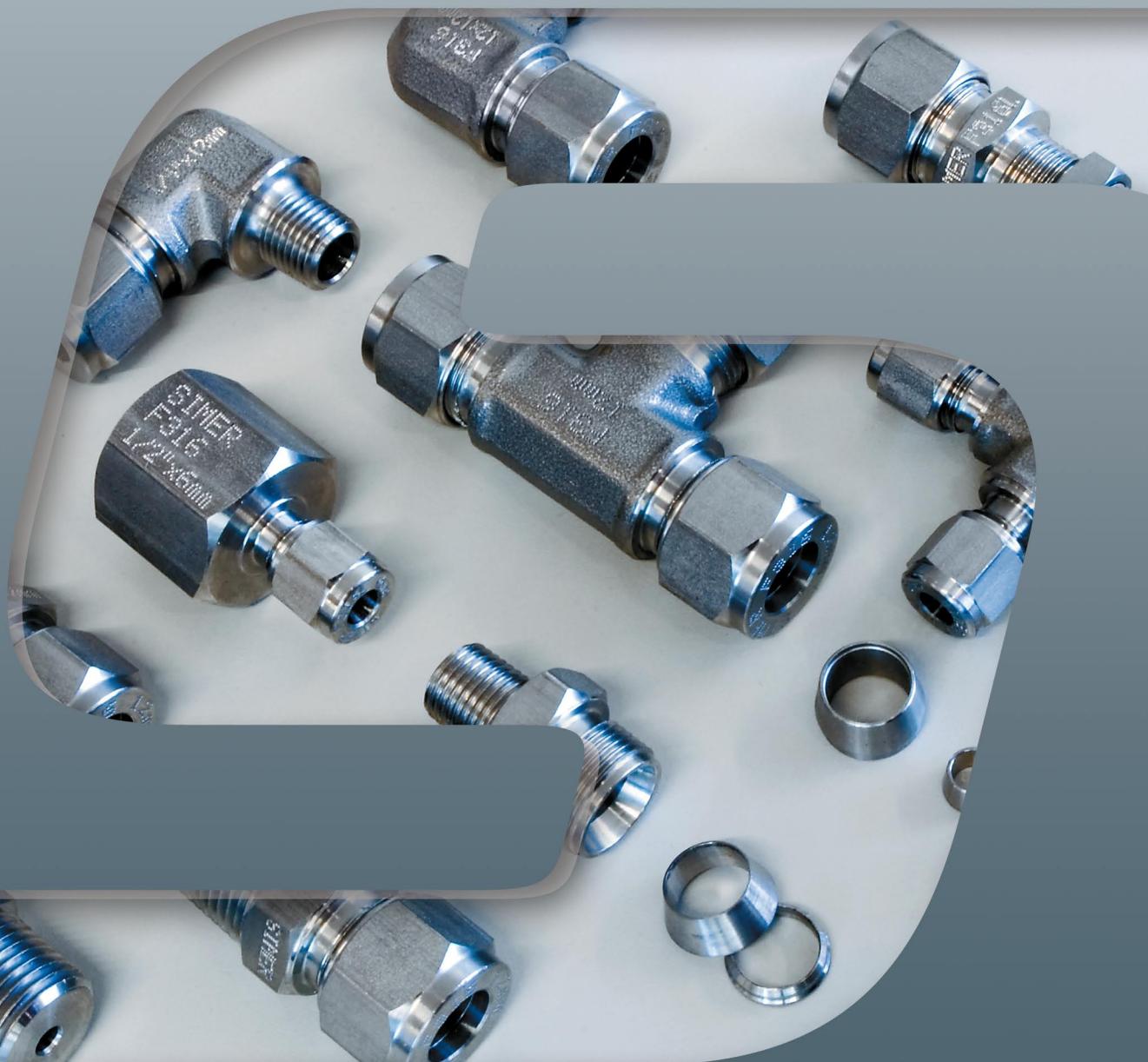




Simer

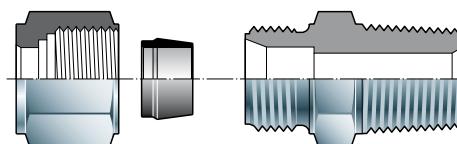


Raccorderia a Compressione
Compression Fittings

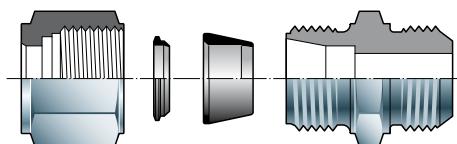


INDICE - INDEX**RACCONDERIA A COMPRESSIONE A SINGOLA OGIVA
SINGLE FERRULE COMPRESSION FITTINGS**

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Sezione
Section**1****RACCONDERIA A COMPRESSIONE A DOPPIA OGIVA
TWIN FERRULE COMPRESSION FITTINGS**

P. 26 - 55

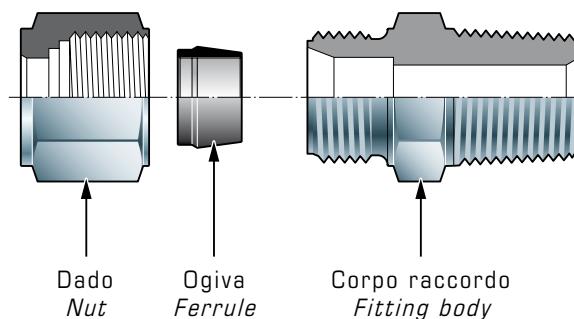
Sezione
Section**2****RACCONDERIA A COMPRESSIONE A 37°
37° COMPRESSION FITTINGS**

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Sezione
Section**3**

I dati riportati nel seguente catalogo non sono impegnativi. SIMER si riserva di modificare i dati in qualsiasi momento.
SIMER reserves the right to amend the data contained within this catalogue at any time.

RACCORDERIA A COMPRESSIONE A SINGOLA OGIVA
SINGLE FERRULE COMPRESSION FITTINGS



Principio di funzionamento

Il raccordo a singolo anello (tagliente) è composto da tre parti di precisione studiate e progettate per garantire una giunzione a perfetta tenuta in applicazione per vuoto o per alte pressioni. Il sistema ad anello singolo richiede solo due punti di tenuta metallo-metallo per realizzare una giunzione perfetta. Queste tenute servono a congiungere il corpo del raccordo alla tubazione. Il progetto riduce le vie di perdita essendo composto da pochi componenti. Il profilo del singolo anello riduce l'area di contatto tra anello e corpo. In conseguenza aumentando la pressione tra questi componenti aumenta anche la tenuta. Il bordo interno frontale dell'anello è indurito ed aiuta l'incisione della tubazione aumentando ulteriormente la tenuta.

Procedure di installazione

Preparazione del tubo

- 1) Le estremità del tubo devono essere tagliate ortogonalmente per ottenere i migliori risultati. I tagliatubi sono indicati per la maggior parte dei materiali, ma si sconsigliano per l'acciaio inossidabile perché tendono ad indurirlo durante il taglio; si consiglia l'uso di un seghetto meccanico con guida adatta per la quadratura del tubo.
- 2) Le bave devono essere accuratamente asportate dentro e fuori del tubo per un appropriato innesto nel raccordo, per non contaminare il processo e/o creare occlusioni nel tubo che riducano la portata.
- 3) Pulire accuratamente l'estremità del tubo prima di innestare il raccordo eliminando limature, granelli od ogni altro corpo estraneo.

Working principle

The single ferrule fitting consists of three precision engineered parts designed to provide secure leakproof joints for vacuum as well as for high pressure applications. The single ferrule system requires only two metal to metal seal points to effect a leak-tight seal. These seals are to fitting body to the tubing. The designed reduces potential leak paths by having few components. The design of the single ferrule reduces the contact area between the ferrule and body. Therefore, it increases the pressure between those two components and sealing is improved. The inside front edge of the ferrule is hardened and helps in slightly biting into the tube improving again the sealing.

Installation procedure

Tube end preparation

- 1) Ends must be cut square for best result.
 Tube cutter is satisfactory for most tube materials but tends to work harden stainless steel.
 Use of a hacksaw with a suitable guide for tube square is preferred.
- 2) Burrs must be removed inside and outside of the tube for proper entry into fitting, to prevent system contamination and/or restricted flow.
- 3) Tube end must be clear.
 Remove all filings, chips and grit before attachments of fitting.

Montaggio

- 1)** Assicurarsi che il tubo sia sempre allineato col raccordo. La costruzione del tubo di linea deve essere accurata. Il tubo deve entrare sempre facilmente nel raccordo e non deve essere mai forzato ad entrare.
- 2)** Assicurarsi che l'estremità del tubo entri nel raccordo fino a toccare la battuta. Ciò è necessario per evitare movimenti del tubo mentre il dado preme sulla ogiva per bloccarlo e per chiudere ermeticamente ogni imperfezione della sua superficie esterna.
- 3)** Stringere il dado con le mani e poi con chiave.
 Non permettere mai la rotazione al raccordo durante il bloccaggio. Usate sempre due chiavi.
 Tenere fermo il corpo del raccordo con una chiave e stringere il dado con l'altra chiave.
 Il dado va avvitato con la chiave per 1 giro 1/4.
 Sovente è d'aiuto segnare il dado per facilitare il conteggio dei giri.
- 4)** Nel montaggio non si generano forze in direzione esterna in grado di distorcere il corpo del raccordo o dell'anello, tali da causare problemi tra anello-dado. Ciò assicura che il dado possa essere svitato liberamente per lo smontaggio e consente un considerevole numero di facili smontaggi e rimontaggi.
 Si consiglia segnare il raccordo prima dello smontaggio. Nel rimontare il raccordo far coincidere i segni e dare un ulteriore stretta riportando l'ogiva in posizione di tenuta.

Materiali

I raccordi sono disponibili in materiale:
 Ottone , AISI 316
 Si possono comunque fornire in quasi tutti i materiali lavorabili.
 I raccordi sono raccomandati per l'impiego con tubi in acciaio, rame, alluminio, materiali plastici ecc.

Tubazioni in materiali plastici

I raccordi possono essere usati con tubazioni plastiche (polietilene, nylon, ecc.) aventi diametro esterno costante. Nel caso che il tubo di plastica sia soggetto a strappi od a piegamenti viene inserito nel raccordo un rinforzo (bussola) che ha il compito di assicurare una giunzione durevole e senza perdite.

Barre e forgiati

I raccordi diritti sono ricavati da barra.
 Tutte le altre forme sono ricavati da pezzi forgiati.

Assembly

- 1)** Always make sure tube is in alignment with fitting. Tube line fabrication must be accurate so that the tube end easily enters the fitting in proper alignment.
Do not force an improperly fitted tube line into the fitting.
- 2)** Always make sure tube is bottomed against the shoulder in the fitting body. This is necessary to prevent movement of the tube while the nut forces the ferrule to grip the tube and to seal through any imperfections that may exist on the outside tube surface.
3) Tighten nut finger tight, then with the wrench.
Never permit the fitting body to rotate during tube end make-up. Use two wrenches.
Hold fitting body with a wrench and tighten nut with a second wrench for additional 1-1/4 turns.
Often it is helpful to mark the nut to facilitate counting the numbers of turns.
- 4)** In make-up, there is no undue force in outward direction to distort the fitting body or ferrule to cause interface between the ferrule and the nut. This assure that the nut will back-off freely for disassembly and permits a greater number of easy remake. Mark the fitting and the nut before disassembly.
Remake by tightening until marks line up again. A slight torque rise will be felt indicating the ferrule re-sprung into sealing position.

Materials

The fittings are available in material:
 Brass , AISI 316 and also be furnished in almost any machined material.
 The fittings are recommended for use with steel, copper, aluminium, plastic and other tubing.

Plastic tubing

The tube fittings may be used with plastic tubing (polyethylene, nylon) with stable outside diameter. Were the plastic tubing will be subject to tension or where collapsible tubing is employed, an insert should be used to reinforce the tubing and assure a permanent leakproof joint.

Bar stock and forging

Straight fittings are machined from bar stock.
 Shaped bodies are machined from forging.

Tenuta

Decine di anni di esperienza nelle installazioni di raccordi e tubazioni di rilevata importanza e continue prove assicurano la realizzazione di tenute perfette. Anche dopo ripetuti smontaggi non sono riscontrate perdite con prova ad elio a 3000 PSI. Cicli di milioni di prove con vibrazioni e prove di resistenza a fatica e tenuta sono state effettuate sui raccordi. Le prove idrauliche hanno evidenziato che i raccordi sono in grado di resistere a pressioni in eccesso senza causare perdite sulle tubazioni.

Ciclo di temperatura

Il raccordo a semplice ogiva è stato progettato calcolando l'effetto creato dalla temperatura permettendo alla ogiva di curvarsi durante il montaggio.

Sotto l'effetto della curvatura si viene a creare un elemento attivo che si espande o si contrae per effetto del variare della temperatura mantenendo inalterata la tenuta ermetica del raccordo.

Imballaggio

I nostri raccordi sono imballati per assicurare la pulizia. Le filettature sono protette da protezioni in plastica. Sono imballati in scatole di cartone di facile movimentazione.

Come Identificare i raccordi metrici

Il raccordo metrico si identifica mediante una lavorazione a gradino di circa 0.8 mm visibile sul corpo e sul dado del raccordo come da illustrazione di seguito:

Sealing

Positive leakproof seals with fittings are assured by exhaustive tests and over decades of experience in the manufacture of quality line connections. Even after repeated remakes fitting effected a helium seal at over 3000 PSI without leaks. Vibration stand, leakproof and fatigue resistance tests in the multimillion cycle range are effected on fittings. Hydrostatic tests proved this fitting suitable for pressure in excess without causing tubing failure.

Temperature cycling

The single ferrule fitting design allows the ferrule to bow during make-up.

The bowing action of the ferrule creates an active element that can expand and contract with the temperature cycling and maintain a leaktight seal.

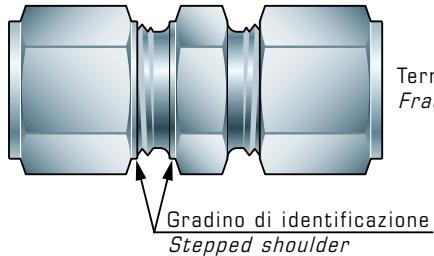
Packaging

Our fittings are packaged to ensure cleanliness Plastic thread protector are used. They are packaged in cartoon box of easy motion.

How to identify metric fittings

The metric fitting is identified by a 1/32 wide shoulder on both the body and the large end of the nut as indicated on the illustration below.

Terminale per tubo metrico
Metric tube end



Terminale per tubo in pollici
Fractional tube end

RACCORDERIA A COMPRESSIONE A SINGOLA OGIVA SINGLE FERRULE COMPRESSION FITTINGS

Modello
Model

SO



GUIDA ALLA SCELTA DEL TUBO

Selezione del tubo

Il raccordo con singola ogiva è progettato con precisione per raggiungere degli standard esatti. Un attenta scelta di tubi ad alta qualità insieme al raccordo appropriato assicurerà l'installazione di sistemi liberi da perdite. Le tabelle seguenti per guida all'ordinazione dei tubi. Le dimensioni dei tubi illustrate sono regolarmente collaudate alla pressione di scoppio relativi agli spessori massimi e minimi del tubo usando dei raccordi correttamente assemblati, senza segni di perdita od errori di connessione. Per utilizzi con tubi di spessore diverso da quelli indicati consultare il nostro ufficio tecnico per consigli e suggerimenti.

In caso di tubi in acciaio inossidabile, si consiglia di utilizzare tubi di qualità elevata completamente solubilizzati in accordo alla ASTM A269 od equivalenti.

In caso di tubi in ottone, il tubo dovrà essere ricotto inconformità alla ASTM B75 o equivalenti.

SELECTING TUBING GUIDE

Selection of tubing

The single ferrule tube fitting is precision engineered to exacting standards. Careful selection of high quality tubing together with the appropriate fitting will ensure the installation of safe, leak free systems. The following tables are intended as a guide to tube ordering. The tube sizes listed are regular tested to bursting pressure in both maximum and minimum wall thickness using correctly assembled tube fittings, with no sign of leakage or failure at the connections. For use with tubes of wall thickness other than those listed, recommendations regarding working pressure for fitting can be obtained from our technical service.

Sezione
Section

1

Capacità di tenuta per tubi inossidabili e rame con misure in pollici:

Spess. tubo ("") Wall thck. (mm)		0,020 0,508		0,028 0,711		0,035 0,889		0,049 0,889		0,065 0,889		0,095 2,413	
Materiali Materials		316 L	Cu	316L	Cu	316L	Cu	316 L	Cu	316 L	Cu	316 L	Cu
1/4	(6,35)	1000	445	1380	620	1860	965	2720	1240	3170	-	-	-
5/16	(7,93)	690	240	1060	345	1030	480	1170	725	2065	1035	-	-
3/8	(9,52)	560	205	965	275	1100	345	1520	550	2410	860	-	-
1/2	(12,7)	-	-	620	205	790	275	1170	410	1620	550	2205	895
5/8	(15,9)	-	-	-	-	620	205	895	275	1200	410	1380	690
Misure in bar - bar Size													

Holding power for stainless steel and copper tubing - inch size:

Capacità di tenuta per tubi inossidabili con misure metriche:

Holding power for stainless steel tubing metric size:

Spessore tubo (mm) Wall thck. (mm)	0,5	1	1,5	2	2,5
Dimens. tubo (mm) Tube size (mm)					
6	950	2030	-	-	-
8	690	1030	1750	-	-
10	560	1120	1790	-	-
12	-	790	1400	1900	-
16	-	620	-	1450	1380
Misure in bar - bar Size					

RACCORDERIA A COMPRESSIONE A SINGOLA OGIVA
SINGLE FERRULE COMPRESSION FITTINGS

Modello
Model

SO



GUIDA ALLA SCELTA DEL TUBO

SELECTING TUBING GUIDE

Materiale <i>Material</i>	Applicazioni <i>Applications</i>	Temperatura <i>Temperature</i>
Acciaio inossidabile <i>Stainless steel</i>	Alta pressione, alta temperatura e fluidi corrosivi in genere. <i>High pressure, high temperature and corrosive fluids.</i>	-254°C ÷ +649°C
Acciaio carbonio <i>Carbon steel</i>	Alta pressione, olio ad alta temperatura aria ed alcuni prodotti chimici. <i>High pressure, hot oil and some chemicals products.</i>	-53°C ÷ +427°C
Rame <i>Copper</i>	Basse temperature, acqua a bassa pressione, olio ed aria. <i>Low temperature, low pressure water, oil and air.</i>	-40°C ÷ +204°C
Alluminio <i>Aluminium</i>	Basse temperature, acqua a bassa pressione, olio, aria, vari prodotti chimici. <i>Low temperature, low pressure water, oil and air and many chemical products.</i>	-40°C ÷ +204°C
Monel 400	Raccomandato per gas acidi ed adatto per applicazioni marine, chimiche e petrochimiche. <i>Recommended for sour gas suitable for chemical petrochemical and marine applications.</i>	-240°C ÷ +427°C
254 SMO <i>UNS S31254</i>	Alta resistenza alla corrosione (Acqua di mare e soluzione di cloruri, bromuri e fluoruri). Ottima resistenza alla corrosione localizzata 254 SMO. <i>High resistance to corrosion (sea-water; chloride, bromide and fluoride solution). Good resistance to located corrosion.</i>	-254°C ÷ +649°C
HASTELLOY C276	Eccellente resistenza sia agli aggressivi ossidanti che riducenti, ottima resistenza alla corrosione localizzata. <i>Excellent resistance at the oxydative and reductive agents and very good resistance to located corrosion.</i>	-196°C ÷ +538°C
CARPENTER 20	Applicazioni richiedenti resistenza alla tensocorrosione in condizioni critiche. <i>Applications requiring resistance to corrosion in critical conditions.</i>	-240°C ÷ +427°C
ALLOY 600	Raccomandato per applicazioni con alta temperatura e fluidi corrosivi. <i>Recommended for high temperature and corrosive fluids applications.</i>	-131°C ÷ +649°C
Titanio <i>Titanium</i>	Resistente a molti fluidi naturali: acqua marina, liquidi organici, soluzioni marine. <i>Resistant to many natural fluids : marine water, organic liquids, salt solutions.</i>	-196°C ÷ +316°C

RACCORDERIA A COMPRESSIONE A SINGOLA OGIVA
SINGLE FERRULE COMPRESSION FITTINGS

Modello
Model

SO

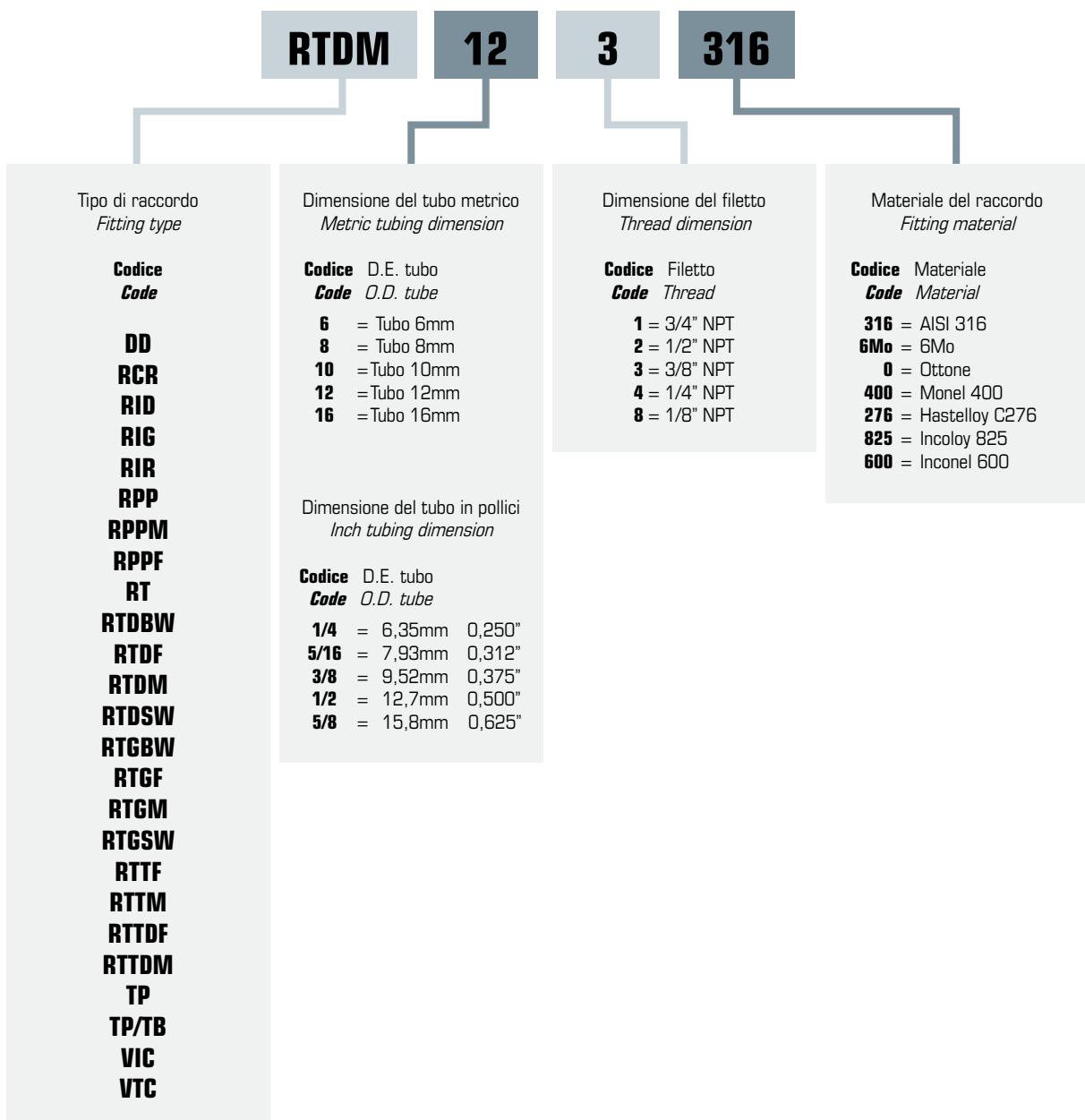


COME ORDINARE UN RACCORDO

Il codice di identificazione è composto da simboli che identificano la conformazione, la misura e il materiale:

HOW TO ORDER THE FITTING

The identification code is composed of symbols that identify type, dimension and material of the fitting:



Disponibilità :
 solamente i raccordi compresi nel listino prezzi in vigore sono generalmente tenuti a magazzino. Prezzi e termini di consegna per raccordi fuori standard possono essere forniti su richiesta.

Availability :
 Only items priced in current price-list are carried in stock.
 Price and delivery term of no-standard fitting on request.

Intermedi - Union



Intermedio

Union

RID 13



Intermedio di riduzione

Reduction union

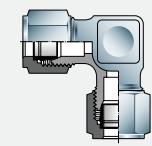
RIR 13



Intermedio passaparete

Bulkhead union

RPP 14



Intermedio a gomito

Union elbow

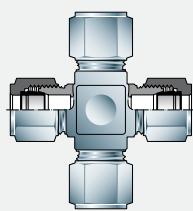
RIG 14



Intermedio a T

Union Tee

RT 15

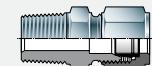


Intermedio a croce

Union cross

RCR 15

Connettori maschio - Male connector



Terminale maschio

Straight connector

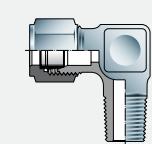
RTDM 16



Terminale dritto maschio passaparete

Bulkhead male connector

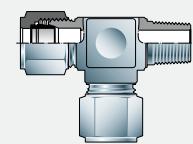
RPPM 16



Terminale a gomito maschio

Male elbow connector

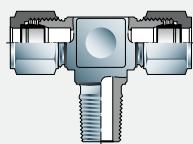
RTGM 17



T di estremità maschio

Male run Tee

RTTM 17

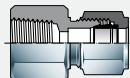


T di derivazione maschio

Male run Tee

RTTDM 18

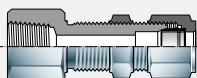
Connettori femmina - Female connector



Terminale dritto femmina

Straight female connector

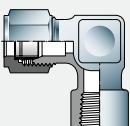
RTDF 18



Terminale dritto femmina passaparete

Bulkhead female connector

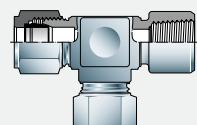
RPPF 19



Terminale a gomito femmina

Elbow female

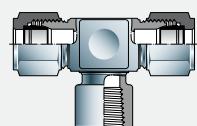
RTGF 19



T di estremità femmina

Female run Tee

RTTF 20

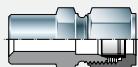


T di derivazione femmina

Female branch Tee

RTTDF 20

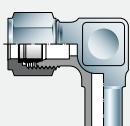
Terminali a saldare - Weld connector



Terminale dritto a saldare di testa

Butt weld connector

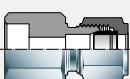
RTDBW 21



Terminale a gomito a saldare di testa

Butt weld elbow connector

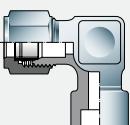
RTGBW 21



Terminale dritto tasca a saldare

Socket weld connector

RTDSW 22

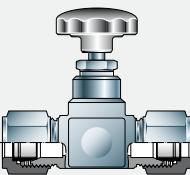


Terminale a gomito tasca a saldare

Socket weld elbow connector

RTGSW 22

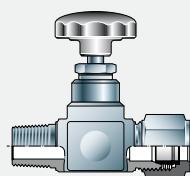
Valvole a spillo - *Needle valve*



Valvola a spillo intermedia

Union needle valve

VIC 25



Valvola a spillo terminale

Needle valve connector

VTC 25

Accessori per raccordi - *Fitting accessories*



Ogiva

Ferrule

OGV 26



Dado

Nut

DD 26



Tappo per raccordo

Plug for fitting

TP 27



Tappo per tubo

Plug for tube

TP/TB 27

RACCORDERIA A COMPRESSIONE A SINGOLA OGIVA
SINGLE FERRULE COMPRESSION FITTINGS

Modello
Model

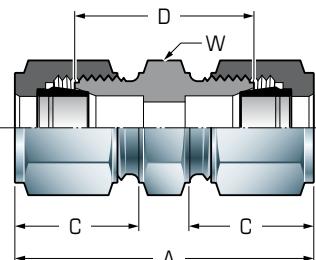
SO



Intermedio
Union

Tipo
Type

RID



Sezione
Section

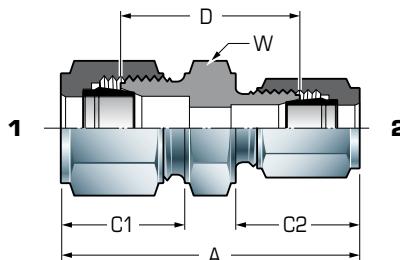
1

Tubo metrico Metric tube		Tubo in pollici Imperial tube					
Codice Code	Ø tubo mm Ø pipe mm	A mm	C mm	D mm	W mm	Ø tubo in. Ø pipe in.	Codice Code
RID 6	6	44.5	19	26.5	14	1/4	RID 1/4
RID 8	8	44.5	19	28.5	17	5/16	RID 5/16
RID 10	10	51	22	31	17	3/8	RID 3/8
RID 12	12	54	23.5	31	22	1/2	RID 1/2
RID 16	16	57	24.8	33.5	24	5/8	RID 5/8

Intermedio di riduzione
Reducing union

Tipo
Type

RIR



Tubo metrico Metric tube				Tubo in pollici Imperial tube							
Codice Code	Ø tubo mm Ø pipe mm	Ø tubo mm Ø pipe mm	A mm	D mm	R mm	X mm	W mm	Ø tubo in. Ø pipe in.	Ø tubo in. Ø pipe in.	Codice Code	
			43.5	19	17	26.5	17	1/8	5/16	RIR 5/16-1/8	
RIR 8-6	8	6	45	19	19	27	17	1/4	5/16	RIR 5/16-1/4	
			46	22	17	28	17	1/8	3/8	RIR 3/8-1/8	
RIR 10-6	10	6	48	22	19	29	17	1/4	3/8	RIR 3/8-1/4	
RIR 10-8	10	8	48	22	19	30	17	5/16	3/8	RIR 3/8-5/16	
RIR 12-6	12	6	49.5	23.5	19	29	22	1/4	1/2	RIR 1/2-1/4	
RIR 12-8	12	8	49.5	23.5	19	30	22	5/16	1/2	RIR 1/2-5/16	
RIR 12-10	12	10	57.5	32.5	22	31	22	3/8	1/2	RIR 1/2-3/8	
RIR 16-8	16	8	50.8	24.8	19	31	24				
RIR 16-10	16	10	53.8	24.8	22	32	24	3/8	5/8	RIR 5/8-3/8	
RIR 16-12	16	12	55.2	24.8	23.5	32	24	1/2	5/8	RIR 5/8-1/2	
1		2		2		1					

RACCORDERIA A COMPRESSIONE A SINGOLA OGIVA
SINGLE FERRULE COMPRESSION FITTINGS

Modello
Model

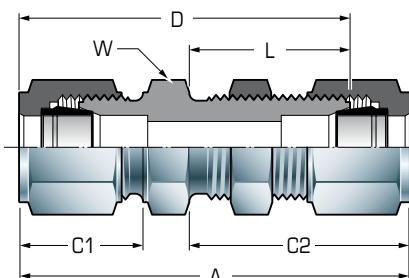
SO



Intermedio passaparete
Bulkhead union

Tipo
Type

RPP

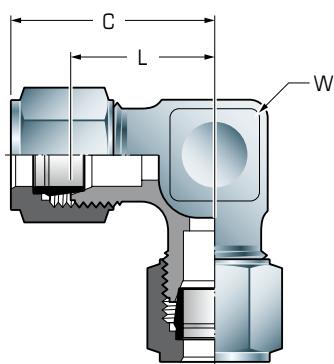


Tubo metrico Metric tube		Tubo in pollici Imperial tube								
Codice Code	Ø tubo mm Ø pipe mm	A mm	C1 mm	C2 mm	L mm	D mm	W mm	Ø foro mm Ø bore mm	Ø tubo in. Ø pipe in.	Codice Code
RPP 6	6	61.2	19	35.2	26.2	42.9	17	11.5	1/4	RPP 1/4
RPP 8	8	63.7	19	37.7	28.7	46	17	15	5/16	RPP 5/16
RPP 10	10	68	22	39	29	47.8	19	16.5	3/8	RPP 3/8
RPP 12	12	73.8	23.5	43.3	31.8	50.8	24	19.5	1/2	RPP 1/2
RPP 16	16	87.6	24.8	55.8	34	53	27	22.5	5/8	RPP 5/8

Intermedio a gomito
Elbow union

Tipo
Type

RIG



Tubo metrico Metric tube		Tubo in pollici Imperial tube				
Codice Code	Ø tubo mm Ø pipe mm	C mm	L mm	W mm	Ø tubo in. Ø pipe in.	Codice Code
RIG 6	6	29	20	17	1/4	RIG 1/4
RIG 8	8	36	27	22	5/16	RIG 5/16
RIG 10	10	37	27	22	3/8	RIG 3/8
RIG 12	12	39.5	28	22	1/2	RIG 1/2
RIG 16	16	39.8	28	22	5/8	RIG 5/8

RACCORDERIA A COMPRESSIONE A SINGOLA OGIVA
SINGLE FERRULE COMPRESSION FITTINGS

Modello
Model

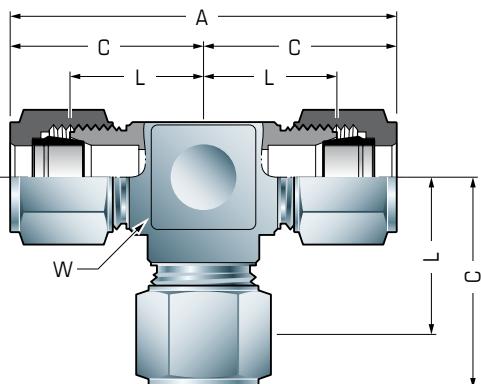
SO



Intermedio a T
Union Tee

Tipo
Type

RT



Sezione
Section

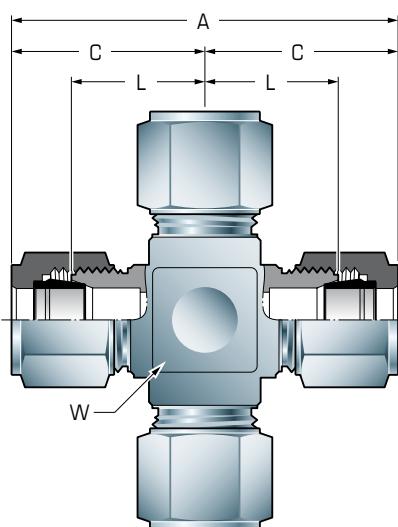
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Tubo metrico Metric tube				Tubo in pollici Imperial tube			
Codice Code	ø tubo mm ø pipe mm	A mm	C mm	L mm	W mm	ø tubo in. ø pipe in.	Codice Code
RT 6	6	68	34	25	17	1/4	RT 1/4
RT 8	8	74	37	28.5	22	5/16	RT 5/16
RT 10	10	76	38	28.5	22	3/8	RT 3/8
RT 12	12	80	40	28.5	22	1/2	RT 1/2
RT 16	16	82	41	28.5	22	5/8	RT 5/8

Intermedio a croce
Union cross

Tipo
Type

RCR



Tubo metrico Metric tube				Tubo in pollici Imperial tube			
Codice Code	ø tubo mm ø pipe mm	A mm	C mm	L mm	W mm	ø tubo in. ø pipe in.	Codice Code
RCR 6	6	68	34	25	15	1/4	RCR 1/4
RCR 8	8	78	39	30	20	5/16	RCR 5/16
RCR 10	10	80	40	30	20	3/8	RCR 3/8
RCR 12	12	83	41.5	30	22	1/2	RCR 1/2

RACCORDERIA A COMPRESSIONE A SINGOLA OGIVA
SINGLE FERRULE COMPRESSION FITTINGS

Modello
Model

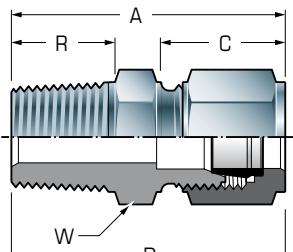
SO



Terminale maschio
Straight connector

Tipo
Type

RTDM

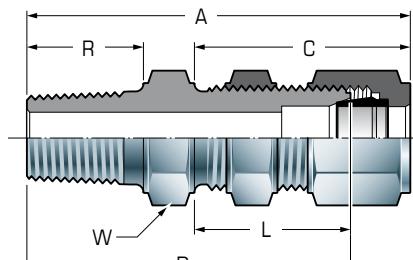


Tubo metrico Metric tube			Tubo in pollici Imperial tube							
Codice Code	Ø tubo mm Ø pipe mm	NPT filet.thrd.	A mm	C mm	D mm	R mm	W mm	NPT filet.thrd.	Ø tubo in. Ø pipe in.	Codice Code
RTDM 6-8	6	1/8"	37	19	28	12	14	1/8"	1/4	RTDM 1/4-8
RTDM 6-4	6	1/4"	38	19	29	13	14	1/4"	1/4	RTDM 1/4-4
RTDM 6-3	6	3/8"	39	19	31	14	17	3/8"	1/4	RTDM 1/4-3
RTDM 6-2	6	1/2"	43.5	19	36.6	18.5	22	1/2"	1/4	RTDM 1/4-2
RTDM 8-8	8	1/8"	37	19	30.5	12	17	1/8"	5/16	RTDM 5/16-8
RTDM 8-4	8	1/4"	38	19	31.5	14	17	1/4"	5/16	RTDM 5/16-4
RTDM 8-3	8	3/8"	39	19	31.5	14	17			
RTDM 8-2	8	1/2"	43.5	19	37	18.5	22			
			42	22	31.5	14	17	1/8"	3/8	RTDM 3/8-8
RTDM 10-4	10	1/4"	42	22	31.5	14	17	1/4"	3/8	RTDM 3/8-4
RTDM 10-3	10	3/8"	42	22	31.5	14	17	3/8"	3/8	RTDM 3/8-3
RTDM 10-2	10	1/2"	46.5	22	38	18.5	22	1/2"	3/8	RTDM 3/8-2
			49	22	39	19.5	27	3/4"	3/8	RTDM 3/8-1
			43.5	23.5	31.5	14	22	1/8"	1/2	RTDM 1/2-8
RTDM 12-4	12	1/4"	45.5	23.5	31.5	14	17	1/4"	1/2	RTDM 1/2-4
RTDM 12-3	12	3/8"	46.5	23.5	31.5	14	17	3/8"	1/2	RTDM 1/2-3
RTDM 12-2	12	1/2"	49	23.5	38	18.5	22	1/2"	1/2	RTDM 1/2-2
RTDM 12-1	12	3/4	50	23.5	39	19.5	27	3/4"	1/2	RTDM 1/2-1
RTDM 16-3	16	3/8"	47.3	24.8	35.5	15	24	3/8"	5/8	RTDM 5/8-3
RTDM 16-2	16	1/2"	50.8	24.8	39	18.5	24	1/2"	5/8	RTDM 5/8-2
RTDM 16-1	16	3/4"	51.8	24.8	40	19.5	27	3/4"	5/8	RTDM 5/8-1

Terminale dritto maschio passaparete
Bulkhead male connector

Tipo
Type

RPPM



Tubo metrico Metric tube			Tubo in pollici Imperial tube								
Codice Code	Ø tubo mm Ø pipe mm	NPT filet.thrd.	A mm	C mm	D mm	R mm	X mm	W mm	NPT filet.thrd.	Ø tubo in. Ø pipe in.	Codice Code
RPPM 6-8	6	1/8"	54.2	35.2	45.2	26.2	12	17	1/8"	1/4	RPPM 1/4-8
RPPM 6-4	6	1/4"	56.2	35.2	47.2	26.2	14	17	1/4"	1/4	RPPM 1/4-4
RPPM 6-3	6	3/8"	56.2	35.2	47.2	26.2	14	19	3/8"	1/4	RPPM 1/4-3
RPPM 6-2	6	1/2"	60.7	35.2	51.7	26.2	18.5	22	1/2"	1/4	RPPM 1/4-2
RPPM 8-8	8	1/8"	56.7	37.7	47.7	28.7	12	17	1/8"	5/16	RPPM 5/16-8
RPPM 8-4	8	1/4"	58.7	37.7	49.7	28.7	14	17	1/4"	5/16	RPPM 5/16-4
RPPM 10-4	10	1/4"	60	39	50	29	14	19	1/4"	3/8	RPPM 3/8-4
RPPM 10-3	10	3/8"	60	39	50	29	14	19	3/8"	3/8	RPPM 3/8-3
RPPM 10-2	10	1/2"	64.5	39	54.5	29	18.5	22	1/2"	3/8	RPPM 3/8-2
RPPM 12-4	12	1/4"	64.3	43.3	52.8	31.8	14	22	1/4"	1/2	RPPM 1/2-4
RPPM 12-3	12	3/8"	64.3	43.3	52.8	31.8	14	22	3/8"	1/2	RPPM 1/2-3
RPPM 12-2	12	1/2"	68.8	43.3	57.3	31.8	18.5	22	1/2"	1/2	RPPM 1/2-2
RPPM 16-2	16	1/2"	71.3	55.8	59.5	34	18.5	24	1/2"	5/8	RPPM 5/8-2

RACCORDERIA A COMPRESSIONE A SINGOLA OGIVA
SINGLE FERRULE COMPRESSION FITTINGS

Modello
Model

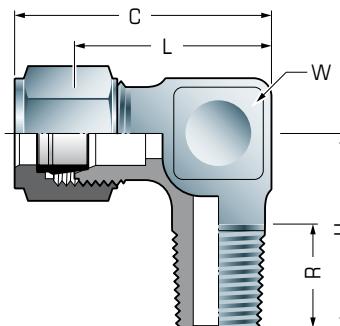
SO



Terminale a gomito maschio
Male elbow connector

Tipo
Type

RTGM

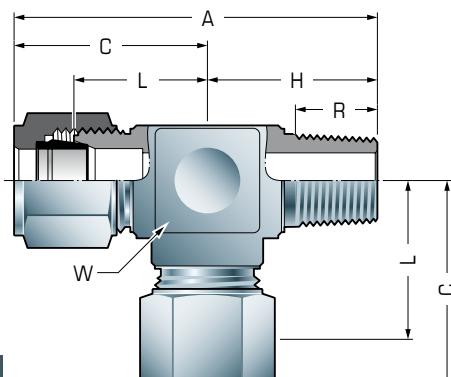


Tubo metrico Metric tube				Tubo in pollici Imperial tube						
Codice Code	ø tubo mm ø pipe mm	NPT filet.thrd.	C mm	H mm	L mm	R mm	W mm	NPT filet.thrd.	ø tubo in. ø pipe in.	Codice Code
RTGM 6-8	6	1/8"	28	24	20	12	14	1/8"	1/4	RTGM 1/4-8
RTGM 6-4	6	1/4"	28	25	20	13	22	1/4"	1/4	RTGM 1/4-4
RTGM 6-3	6	3/8"	35	32	28	14	22	3/8"	1/4	RTGM 1/4-3
RTGM 6-2	6	1/2"	35	35	28	18.5	22	1/2"	1/4	RTGM 1/4-2
RTGM 8-8	8	1/8"	35	32	28	12	22	1/8"	5/16	RTGM 5/16-8
RTGM 8-4	8	1/4"	35	32	28	14	22	1/4"	5/16	RTGM 5/16-4
RTGM 8-3	8	3/8"	35	32	28	14	22			
RTGM 8-2	8	1/2"	37	35	28	18.5	22			
RTGM 10-8	10	1/8"	37	32	28	13	22	1/8"	3/8	RTGM 3/8-8
RTGM 10-4	10	1/4"	37	32	28	14	22	1/4"	3/8	RTGM 3/8-4
RTGM 10-3	10	3/8"	37	32	28	14	22	3/8"	3/8	RTGM 3/8-3
RTGM 10-2	10	1/2"	37	35	28	18.5	22	1/2"	3/8	RTGM 3/8-2
			37	35	28	19.5	22	3/4"	3/8	RTGM 3/8-1
			39	32	28	13	22	1/8"	1/2	RTGM 1/2-8
RTGM 12-4	12	1/4"	39	32	28	14	22	1/4"	1/2	RTGM 1/2-4
RTGM 12-3	12	3/8"	39	32	28	14	22	3/8"	1/2	RTGM 1/2-3
RTGM 12-2	12	1/2"	39	35	28	18.5	22	1/2"	1/2	RTGM 1/2-2
			39	35	28	19.5	22	3/4"	1/2	RTGM 1/2-1
RTGM 16-3	16	3/8"	41	32	28	15	22	3/8"	5/8	RTGM 5/8-3
RTGM 16-2	16	1/2"	41	35	28	18.5	22	1/2"	5/8	RTGM 5/8-2

T di estremità maschio
Male run Tee

Tipo
Type

RTTM



Tubo metrico Metric tube				Tubo in pollici Imperial tube							Codice Code
Codice Code	ø tubo mm ø pipe mm	NPT filet.thrd.	A mm	C mm	L mm	W mm	R mm	H mm	NPT filet.thrd.	ø tubo in. ø pipe in.	Codice Code
RTTM 6-8	6	1/8"	61	34	25	17	12	27	1/8"	1/8	RTTM 1/4-8
RTTM 6-4	6	1/4"	62	34	25	22	13	28	1/4"	1/4	RTTM 1/4-4
RTTM 8-8	8	1/8"	64	37	28.5	22	12	27	1/8"	1/8	RTTM 5/16-8
RTTM 8-4	8	1/4"	65	37	28.5	22	14	28	1/4"	1/4	RTTM 5/16-4
RTTM 10-4	10	1/4"	66	38	28.5	22	14	28	1/4"	1/4	RTTM 3/8-4
RTTM 12-3	12	3/8"	68	40	28.5	22	14	28	3/8"	1/2	RTTM 1/2-3
RTTM 12-2	12	1/2"	72.5	40	28.5	30	18.5	32.5	1/2"	1/2	RTTM 1/2-2
RTTM 16-2	16	1/2"	73.5	41	28.5	30	18.5	32.5	1/2"	5/8	RTTM 5/8-2

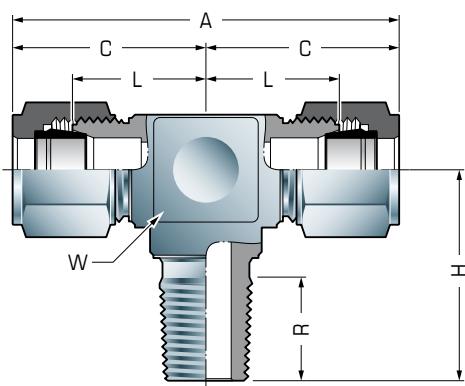
RACCORDERIA A COMPRESSIONE A SINGOLA OGIVA
SINGLE FERRULE COMPRESSION FITTINGS

Modello
Model

SO



T di derivazione maschio
Male run T

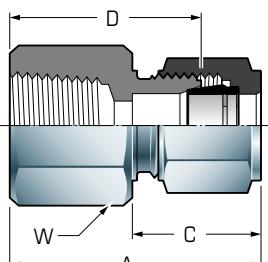


Tipo
Type

RTTDM

Tubo metrico Metric tube			Tubo in pollici Imperial tube								
Codice Code	ø tubo mm ø pipe mm	NPT filet.thrd.	A mm	C mm	L mm	W mm	R mm	H mm	NPT filet.thrd.	ø tubo in. ø pipe in.	Codice Code
RTTDM 6-8	6	1/8"	68	34	25	17	12	27	1/8"	1/4	RTTDM 1/4-8
RTTDM 6-4	6	1/4"	68	34	25	22	13	28	1/4"	1/4	RTTDM 1/4-4
RTTDM 8-8	8	1/8"	74	37	28.5	22	12	27	1/8"	1/8	RTTDM 5/16-8
RTTDM 8-4	8	1/4"	74	37	28.5	22	14	28	1/4"	1/4	RTTDM 5/16-4
RTTDM 10-4	10	1/4"	76	38	28.5	22	14	28	1/4"	1/4	RTTDM 3/8-4
RTTDM 12-3	12	3/8"	80	40	28.5	22	14	28	3/8"	1/2	RTTDM 1/2-3
RTTDM 12-2	12	1/2"	80	40	28.5	30	18.5	32.5	1/2"	1/2	RTTDM 1/2-2
RTTDM 16-2	16	1/2"	82	41	28.5	30	18.5	32.5	1/2"	5/8	RTTDM 5/8-2

Terminale dritto femmina
Straight female connector



Tipo
Type

RTDF

Tubo metrico Metric tube			Tubo in pollici Imperial tube								
Codice Code	ø tubo mm ø pipe mm	NPT filet.thrd.	A mm	C mm	D mm	W mm	NPT filet.thrd.	ø tubo in. ø pipe in.	Codice Code		
RTDF 6-8	6	1/8"	36	19	27	14	1/8"	1/4	RTDF 1/4-8		
RTDF 6-4	6	1/4"	37	19	28	17	1/4"	1/4	RTDF 1/4-4		
RTDF 6-3	6	3/8"	39	19	30	22	3/8"	1/4	RTDF 1/4-3		
RTDF 6-2	6	1/2"	44	19	35	27	1/2"	1/4	RTDF 1/4-2		
RTDF 8-8	8	1/8"	38	19	29	17	1/8"	5/16	RTDF 5/16-8		
RTDF 8-4	8	1/4"	39	19	30	17	1/4"	5/16	RTDF 5/16-4		
RTDF 8-3	8	3/8"	40	19	31	22	3/8"	5/16	RTDF 5/16-3		
RTDF 8-2	8	1/2"	45	19	36	27					
			40	22	30	17	1/8"	3/8	RTDF 3/8-8		
RTDF 10-4	10	1/4"	41	22	31	17	1/4"	3/8	RTDF 3/8-4		
RTDF 10-3	10	3/8"	42	22	32	22	3/8"	3/8	RTDF 3/8-3		
RTDF 10-2	10	1/2"	47	22	37	27	1/2"	3/8	RTDF 3/8-2		
RTDF 12-4	12	1/4"	42.5	23.5	31	22	1/4"	1/2	RTDF 1/2-4		
RTDF 12-3	12	3/8"	43.5	23.5	32	22	3/8"	1/2	RTDF 1/2-3		
RTDF 12-2	12	1/2"	48.5	23.5	37	27	1/2"	1/2	RTDF 1/2-2		
RTDF 12-1	12	3/4"	48.5	23.5	37	32	3/4"	1/2	RTDF 1/2-1		
RTDF 16-3	16	3/8"	43.8	24.8	32	24	3/8"	5/8	RTDF 5/8-3		
RTDF 16-2	16	1/2"	49.8	24.8	38	27	1/2"	5/8	RTDF 5/8-2		
RTDF 16-1	16	3/4"	49.8	24.8	38	32	3/4"	5/8	RTDF 5/8-1		

RACCORDERIA A COMPRESSIONE A SINGOLA OGIVA
SINGLE FERRULE COMPRESSION FITTINGS

Modello
Model

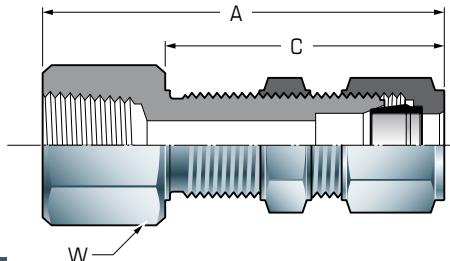
SO



Terminale dritto femmina passaparete
Bulkhead female connector

Tipo
Type

RPPF



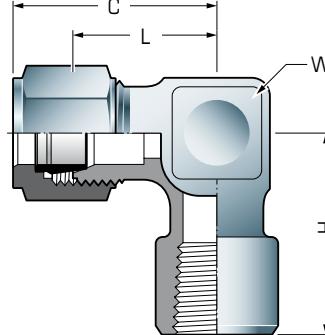
Tubo metrico Metric tube			Tubo in pollici Imperial tube					
Codice Code	Ø tubo mm Ø pipe mm	NPT filet.thrd.	A mm	C mm	W mm	NPT filet.thrd.	Ø tubo in. Ø pipe in.	Codice Code
RPPF 6-8	6	1/8"	52.2	35.7	17	1/8"	1/4	RPPF 1/4-8
RPPF 6-4	6	1/4"	53.2	35.7	17	1/4"	1/4	RPPF 1/4-4
RPPF 8-8	8	1/8"	54.7	37.7	17	1/8"	5/16	RPPF 5/16-8
RPPF 8-4	8	1/4"	55.7	37.7	17	1/4"	5/16	RPPF 5/16-4
			56.7	39	17	1/4"	3/8	RPPF 3/8-4
RPPF 10-3	10	3/8"	56.7	39	17			
RPPF 10-2	10	1/2"	64	39	27	1/2"	3/8	RPPF 3/8-2
RPPF 12-3	12	3/8"	54.8	43.3	22	3/8"	1/2	RPPF 1/2-3
RPPF 12-2	12	1/2"	60.8	43.3	27	1/2"	1/2	RPPF 1/2-2
RPPF 16-2	16	1/2"	80.8	55.8	27	1/2"	5/8	RPPF 5/8-2

Sezione
Section

1

Terminale a gomito femmina
Elbow female

Tipo
Type



Tubo metrico Metric tube			Tubo in pollici Imperial tube						
Codice Code	Ø tubo mm Ø pipe mm	NPT filet.thrd.	C mm	H mm	L mm	W mm	NPT filet.thrd.	Ø tubo in. Ø pipe in.	Codice Code
RTGF 6-8	6	1/8"	28	25	20	14	1/8"	1/4	RTGF 1/4-8
RTGF 6-4	6	1/4"	35	33	28	22	1/4"	1/4	RTGF 1/4-4
RTGF 6-3	6	3/8"	35	33	28	22	3/8"	1/4	RTGF 1/4-3
RTGF 6-2	6	1/2"	35	38	28	22	1/2"	1/4	RTGF 1/4-2
RTGF 8-8	8	1/8"	35	33	28	22	1/8"	5/16	RTGF 5/16-8
RTGF 8-4	8	1/4"	35	33	28	22	1/4"	5/16	RTGF 5/16-4
RTGF 10-8	10	1/8"	37	33	28	22	1/8"	3/8	RTGF 3/8-8
RTGF 10-4	10	1/4"	37	33	28	22	1/4"	3/8	RTGF 3/8-4
RTGF 10-3	10	3/8"	37	33	28	22	3/8"	3/8	RTGF 3/8-3
RTGF 10-2	10	1/2"	37	38	28	22	1/2"	3/8	RTGF 3/8-2
RTGF 12-4	12	1/4"	39	33	28	22	1/4"	1/2	RTGF 1/2-4
RTGF 12-3	12	3/8"	39	33	28	22	3/8"	1/2	RTGF 1/2-3
RTGF 12-2	12	1/2"	39	38	28	22	1/2"	1/2	RTGF 1/2-2
RTGF 16-3	16	3/8"	41	33	28	22	3/8"	5/8	RTGF 5/8-3
RTGF 16-2	16	1/2"	41	38	28	22	1/2"	5/8	RTGF 5/8-2

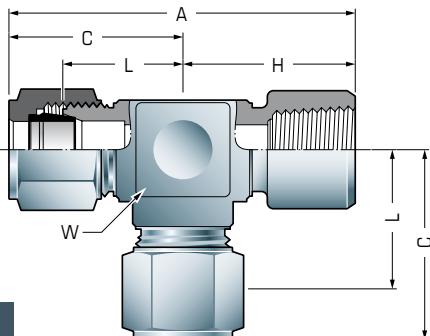
RACCORDERIA A COMPRESSIONE A SINGOLA OGIVA
SINGLE FERRULE COMPRESSION FITTINGS

Modello
Model

SO



T di estremità femmina
Female run Tee

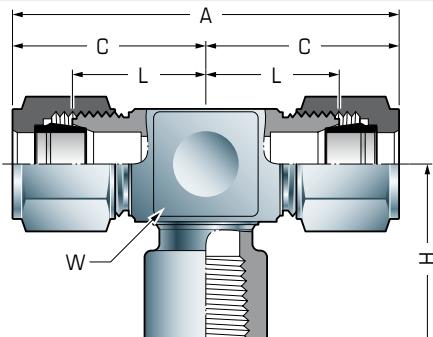


Tipo
Type

RTTF

Tubo metrico Metric tube			Tubo in pollici Imperial tube							
Codice Code	ø tubo mm ø pipe mm	NPT filet.thrd.	C mm	H mm	L mm	A mm	W mm	NPT filet.thrd.	ø tubo in. ø pipe in.	Codice Code
RTTF 6-8	6	1/8"	34	20	25	54	17	1/8"	1/4	RTTF 1/4-8
RTTF 6-4	6	1/4"	34	20	25	54	22	1/4"	1/4	RTTF 1/4-4
RTTF 6-3	6	3/8"	34	22	25	56	22	3/8"	1/4	RTTF 1/4-3
RTTF 6-2	6	1/2"	34	26	25	60	30	1/2"	1/4	RTTF 1/4-2
RTTF 8-8	8	1/8"	37	20	28.5	57	22	1/8"	5/16	RTTF 5/16-8
RTTF 8-4	8	1/4"	37	20	28.5	57	22	1/4"	5/16	RTTF 5/16-4
RTTF 10-8	10	1/8"	38	20	28.5	58	22	1/8"	3/8	RTTF 3/8-8
RTTF 10-4	10	1/4"	38	20	28.5	58	22	1/4"	3/8	RTTF 3/8-4
RTTF 10-3	10	3/8"	38	22	28.5	60	22	3/8"	3/8	RTTF 3/8-3
RTTF 10-2	10	1/2"	38	26	28.5	64	30	1/2"	3/8	RTTF 3/8-2
RTTF 12-4	12	1/4"	40	20	28.5	60	22	1/4"	1/2	RTTF 1/2-4
RTTF 12-3	12	3/8"	40	22	28.5	62	22	3/8"	1/2	RTTF 1/2-3
RTTF 12-2	12	1/2"	40	26	28.5	66	30	1/2"	1/2	RTTF 1/2-2
RTTF 16-3	16	3/8"	41	22	28.5	63	30	3/8"	5/8	RTTF 5/8-3
RTTF 16-2	16	1/2"	41	26	28.5	67	30	1/2"	5/8	RTTF 5/8-2

T di derivazione femmina
Female branch Tee



Tipo
Type

RTTDF

Tubo metrico Metric tube			Tubo in pollici Imperial tube							
Codice Code	ø tubo mm ø pipe mm	NPT filet.thrd.	C mm	H mm	L mm	A mm	W mm	NPT filet.thrd.	ø tubo in. ø pipe in.	Codice Code
RTTDF 6-8	6	1/8"	34	20	25	54	17	1/8"	1/4	RTTDF 1/4-8
RTTDF 6-4	6	1/4"	34	20	25	54	22	1/4"	1/4	RTTDF 1/4-4
RTTDF 6-3	6	3/8"	34	22	25	56	22	3/8"	1/4	RTTDF 1/4-3
RTTDF 6-2	6	1/2"	34	26	25	60	30	1/2"	1/4	RTTDF 1/4-2
RTTDF 8-8	8	1/8"	37	20	28.5	57	22	1/8"	5/16	RTTDF 5/16-8
RTTDF 8-4	8	1/4"	37	20	28.5	57	22	1/4"	5/16	RTTDF 5/16-4
RTTDF 10-8	10	1/8"	38	20	28.5	58	22	1/8"	3/8	RTTDF 3/8-8
RTTDF 10-4	10	1/4"	38	20	28.5	58	22	1/4"	3/8	RTTDF 3/8-4
RTTDF 10-3	10	3/8"	38	22	28.5	60	22	3/8"	3/8	RTTDF 3/8-3
RTTDF 10-2	10	1/2"	38	26	28.5	64	30	1/2"	3/8	RTTDF 3/8-2
RTTDF 12-4	12	1/4"	40	20	28.5	60	22	1/4"	1/2	RTTDF 1/2-4
RTTDF 12-3	12	3/8"	40	22	28.5	62	22	3/8"	1/2	RTTDF 1/2-3
RTTDF 12-2	12	1/2"	40	26	28.5	66	30	1/2"	1/2	RTTDF 1/2-2
RTTDF 16-3	16	3/8"	41	22	28.5	63	30	3/8"	5/8	RTTDF 5/8-3
RTTDF 16-2	16	1/2"	41	26	28.5	67	30	1/2"	5/8	RTTDF 5/8-2

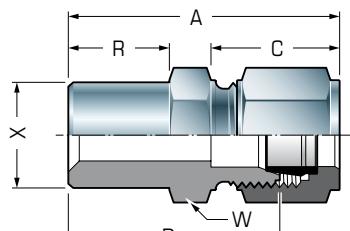
RACCORDERIA A COMPRESSIONE A SINGOLA OGIVA
SINGLE FERRULE COMPRESSION FITTINGS

Modello
Model

SO



Terminale dritto a saldare di testa
Butt weld connector

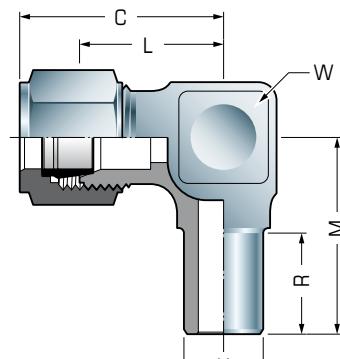


Tipo
Type

RTDBW

Tubo metrico Metric tube			Tubo in pollici Imperial tube								
Codice Code	Ø tubo mm Ø pipe mm	Tubo SDT BW End	A mm	D mm	R mm	X mm	W mm	Tubo SDT BW End	Ø tubo in. Ø pipe in.	Codice Code	
RTDBW 6-8	6	1/8"	36	19	27	10	10.3	14	1/8"	1/4	RTDBW 1/4-8
RTDBW 6-4	6	1/4"	39	19	30	13	13.7	14	1/4"	1/4	RTDBW 1/4-4
RTDBW 6-3	6	3/8"	42	19	33	16	17.2	19	3/8"	1/4	RTDBW 1/4-3
RTDBW 6-2	6	1/2"	45	19	36	19	21.3	22	1/2"	1/4	RTDBW 1/4-2
RTDBW 8-8	8	1/8"	36	19	28	10	10.3	17	1/8"	5/16	RTDBW 5/16-8
RTDBW 8-4	8	1/4"	39	19	31	13	13.7	17	1/4"	5/16	RTDBW 5/16-4
RTDBW 8-3	8	3/8"	42	19	34	16	17.2	19			
RTDBW 8-2	8	1/2"	45	19	37	19	21.3	22			
RTDBW 10-4	10	1/4"	42	22	32	13	13.7	19	1/4"	3/8	RTDBW 3/8-4
RTDBW 10-3	10	3/8"	45	22	35	16	17.2	19	3/8"	3/8	RTDBW 3/8-3
RTDBW 10-2	10	1/2"	48	22	38	19	21.3	22	1/2"	3/8	RTDBW 3/8-2
			48	22	38	19	26.9	27	3/4"	3/8	RTDBW 3/8-1
RTDBW 12-4	12	1/4"	43.5	23.5	32	13	13.7	22	1/4"	1/2	RTDBW 1/2-4
RTDBW 12-3	12	3/8"	46.5	23.5	35	16	17.2	22	3/8"	1/2	RTDBW 1/2-3
RTDBW 12-2	12	1/2"	49.5	23.5	38	19	21.3	22	1/2"	1/2	RTDBW 1/2-2
RTDBW 12-1	12	3/4	49.5	23.5	38	19	26.9	27	3/4"	1/2	RTDBW 1/2-1
RTDBW 16-3	16	3/8"	47.8	24.8	36	16	17.2	24	3/8"	5/8	RTDBW 5/8-3
RTDBW 16-2	16	1/2"	50.8	24.8	39	19	21.3	24	1/2"	5/8	RTDBW 5/8-2
RTDBW 16-1	16	3/4	50.8	24.8	39	19	26.9	27	3/4"	5/8	RTDBW 5/8-1

Terminale a gomito a saldare di testa
Butt weld elbow connector



Tipo
Type

RTGBW

Tubo metrico Metric tube			Tubo in pollici Imperial tube								
Codice Code	Ø tubo mm Ø pipe mm	Tubo SDT BW End	C mm	L mm	R mm	M mm	X mm	W mm	Tubo SDT BW End	Ø tubo in. Ø pipe in.	Codice Code
RTGBW 6-8	6	1/8"	28	20	10	24	10.3	14	1/8"	1/4	RTGBW 1/4-8
RTGBW 6-4	6	1/4"	28	20	13	25	13.7	14	1/4"	1/4	RTGBW 1/4-4
RTGBW 6-3	6	3/8"	35	28	16	32	17.2	22	3/8"	1/4	RTGBW 1/4-3
RTGBW 6-2	6	1/2"	35	28	19	35	21.3	22	1/2"	1/4	RTGBW 1/4-2
RTGBW 8-8	8	1/8"	35	28	10	32	10.3	22	1/8"	5/16	RTGBW 5/16-8
RTGBW 8-4	8	1/4"	35	28	13	32	13.7	22	1/4"	5/16	RTGBW 5/16-4
RTGBW 8-3	8	3/8"	35	28	16	32	17.2	22			
RTGBW 8-2	8	1/2"	35	28	19	35	21.3	22			
RTGBW 10-4	10	1/4"	37	28	13	32	13.7	22	1/4"	3/8	RTGBW 3/8-4
RTGBW 10-3	10	3/8"	37	28	16	32	17.2	22	3/8"	3/8	RTGBW 3/8-3
RTGBW 10-2	10	1/2"	37	28	19	35	21.3	22	1/2"	3/8	RTGBW 3/8-2
RTGBW 12-4	12	1/4"	39	28	13	32	13.7	22	1/4"	1/2	RTGBW 1/2-4
RTGBW 12-3	12	3/8"	39	28	16	32	17.2	22	3/8"	1/2	RTGBW 1/2-3
RTGBW 12-2	12	1/2"	39	28	19	35	21.3	22	1/2"	1/2	RTGBW 1/2-2
RTGBW 16-3	16	3/8"	41	28	16	32	17.2	22	3/8"	5/8	RTGBW 5/8-3
RTGBW 16-2	16	1/2"	41	28	19	35	21.3	22	1/2"	5/8	RTGBW 5/8-2

Sezione
Section

1

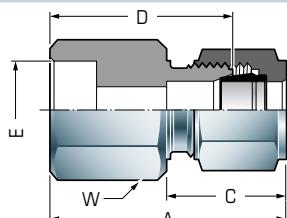
RACCORDERIA A COMPRESSIONE A SINGOLA OGIVA
SINGLE FERRULE COMPRESSION FITTINGS

Modello
Model

SO



Terminale dritto tasca a saldare
Socket weld connector

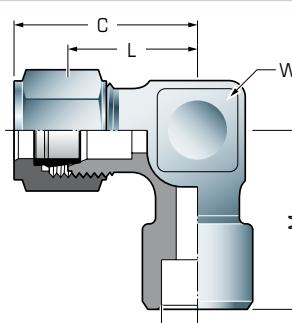


Tipo
Type

RTDSW

Tubo metrico Metric tube			Tubo in pollici Imperial tube							
Codice Code	Ø tubo mm Ø pipe mm	Tasca SW	A mm	C mm	D mm	E mm	W mm	Tasca SW	Ø tubo in. Ø pipe in.	Codice Code
RTDSW 6-8	6	1/8"	37	19	28	10.8	17	1/8"	1/4	RTDSW 1/4-8
RTDSW 6-4	6	1/4"	37	19	28	14.2	22	1/4"	1/4	RTDSW 1/4-4
RTDSW 6-3	6	3/8"	37	19	28	17.7	25.4	3/8"	1/4	RTDSW 1/4-3
RTDSW 6-2	6	1/2"	37	19	28	21.8	32	1/2"	1/4	RTDSW 1/4-2
RTDSW 8-8	8	1/8"	37	19	29	10.8	17	198"	5/16	RTDSW 5/16-8
RTDSW 8-4	8	1/4"	37	19	29	14.2	22	1/4"	5/16	RTDSW 5/16-4
RTDSW 8-3	8	3/8"	37	19	29	17.7	25.4			
RTDSW 8-2	8	1/2"	37	19	29	21.8	32			
RTDSW 10-4	10	1/4"	40	22	30	14.2	22	1/4"	3/8	RTDSW 3/8-4
RTDSW 10-3	10	3/8"	40	22	30	17.7	25.4	3/8"	3/8	RTDSW 3/8-3
RTDSW 10-2	10	1/2"	40	22	30	21.8	32	1/2"	3/8	RTDSW 3/8-2
								3/4"	3/8	RTDSW 3/8-1
RTDSW 12-4	12	1/4"	41.5	23.5	30	14.2	22	1/4"	1/2	RTDSW 1/2-4
RTDSW 12-3	12	3/8"	41.5	23.5	30	17.7	25.4	3/8"	1/2	RTDSW 1/2-3
RTDSW 12-2	12	1/2"	41.5	23.5	30	21.8	32	1/2"	1/2	RTDSW 1/2-2
RTDSW 12-1	12	3/4	41.5	23.5	30	27.5	36	3/4"	1/2	RTDSW 1/2-1
RTDSW 16-3	16	3/8"	42.8	24.8	31	17.7	25.4	3/8"	5/8	RTDSW 5/8-3
RTDSW 16-2	16	1/2"	42.8	24.8	31	21.8	32	1/2"	5/8	RTDSW 5/8-2
RTDSW 16-1	16	3/4"	42.8	24.8	31	27.5	36	3/4"	5/8	RTDSW 5/8-1

Terminale a gomito tasca a saldare
Socket weld elbow connector



Tipo
Type

RTGSW

Tubo metrico Metric tube			Tubo in pollici Imperial tube							
Codice Code	Ø tubo mm Ø pipe mm	Tasca SW	C mm	L mm	X mm	M mm	W mm	Tasca SW	Ø tubo in. Ø pipe in.	Codice Code
RTGSW 6-8	6	1/8"	28	20	10.8	24	14	1/8"	1/4	RTGSW 1/4-8
RTGSW 6-4	6	1/4"	35	28	14.2	32	22	1/4"	1/4	RTGSW 1/4-4
RTGSW 6-3	6	3/8"	35	28	17.7	32	22	3/8"	1/4	RTGSW 1/4-3
RTGSW 6-2	6	1/2"	35	28	21.8	35	22	1/2"	1/4	RTGSW 1/2-2
RTGSW 8-8	8	1/8"	35	28	10.8	32	22	1/8"	5/16	RTGSW 5/16-8
RTGSW 8-4	8	1/4"	35	28	14.2	32	22	1/4"	5/16	RTGSW 5/16-4
RTGSW 8-3	8	3/8"	35	28	17.7	32	22			
RTGSW 8-2	8	1/2"	35	28	21.8	35	22			
RTGSW 10-4	10	1/4"	37	28	14.2	32	22	1/4"	3/8	RTGSW 3/8-4
RTGSW 10-3	10	3/8"	37	28	17.7	32	22	3/8"	3/8	RTGSW 3/8-3
RTGSW 10-2	10	1/2"	37	28	21.8	35	22	1/2"	3/8	RTGSW 3/8-2
RTGSW 12-4	12	1/4"	39	28	14.2	32	22	1/4"	1/2	RTGSW 1/2-4
RTGSW 12-3	12	3/8"	39	28	17.7	32	22	3/8"	1/2	RTGSW 1/2-3
RTGSW 12-2	12	1/2"	39	28	21.8	35	22	1/2"	1/2	RTGSW 1/2-2
RTGSW 16-3	16	3/8"	41	28	17.7	32	22	3/8"	5/8	RTGSW 5/8-3
RTGSW 16-2	16	1/2"	41	28	21.8	35	22	1/2"	5/8	RTGSW 5/8-2

RACCORDERIA A COMPRESSIONE A SINGOLA OGIVA
SINGLE FERRULE COMPRESSION FITTINGS

Modello
Model

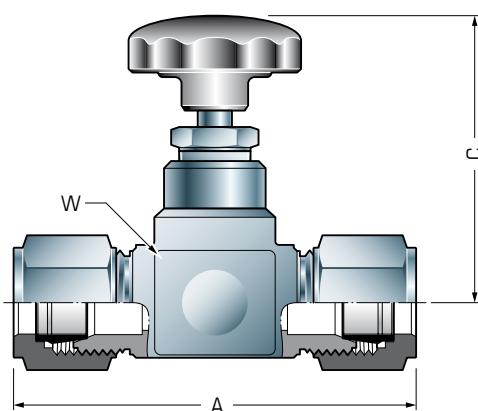
SO



Valvola a spillo intermedia
Union needle valve

Tipo
Type

VIC



Sezione
Section

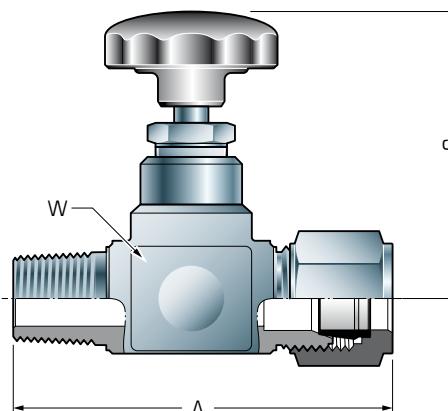
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Tubo metrico Metric tube			Tubo in pollici Imperial tube			
Codice Code	Ø tubo mm Ø pipe mm	A mm	C mm	W mm	Ø tubo in. Ø pipe in.	Codice Code
VIC 6	6	67	55	17	1/4	VAC 1/4
VIC 8	8	76	60	22	5/16	VAC 5/16
VIC 10	10	77	60	22	3/8	VAC 3/8
VIC 12	12	77	60	22	1/2	VAC 1/2

Valvola a spillo terminale
Needle valve connector

Tipo
Type

VTC



Tubo metrico Metric tube			Tubo in pollici Imperial tube					
Codice Code	Ø tubo mm Ø pipe mm	NPT filet.thrd.	A mm	C mm	W mm	NPT filet.thrd.	Ø tubo in. Ø pipe in.	Codice Code
VTC 6-8	6	1/8"	61	55	17	1/8"	1/4	VTC 1/4-8
VTC 6-4	6	1/4"	62	55	17	1/4"	1/4	VTC 1/4-4
VTC 8-4	8	1/4"	68	60	22	1/4"	1/4	VTC 5/16-4
VTC 8-3	8	3/8"	69	60	22	3/8"	5/16	VTC 5/16-3
VTC 10-4	10	1/4"	69	60	22	1/4"	3/8	VTC 3/8-4
VTC 10-3	10	3/8"	70	60	22	3/8"	3/8	VTC 3/8-3
VTC 10-2	10	1/2"	74.5	60	22	1/2"	3/8	VTC 3/8-2
VTC 12-4	12	1/4"	69	60	22	1/4"	1/2	VTC 1/2-4
VTC 12-3	12	3/8"	70	60	22	3/8"	1/2	VTC 1/2-3
VTC 12-2	12	1/2"	74.5	60	22	1/2"	1/2	VTC 1/2-2

RACCONDERIA A COMPRESSIONE A SINGOLA OGIVA
SINGLE FERRULE COMPRESSION FITTINGS

Modello
Model

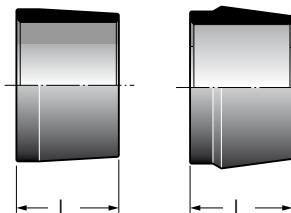
SO



Accessori per raccordi: Ogiva
Fittings accessories: Ferrule

Tipo
Type

OGV

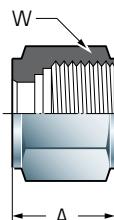


Tubo metrico Metric tube			Tubo in pollici Imperial tube		
Codice Code	Ø tubo mm Ø pipe mm	L mm	Ø tubo in. Ø pipe in.	Codice Code	
OGV 6	6	6	1/4	OGV 1/4	
OGV 8	8	6.3	5/16	OGV 5/16	
OGV 10	10	6.7	3/8	OGV 3/8	
OGV 12	12	10.3	1/2	OGV 1/2	
OGV 16	16	10.3	5/8	OGV 5/8	

Accessori per raccordi: Dado
Fittings accessories: Nut

Tipo
Type

DD



Tubo metrico Metric tube			Tubo in pollici Imperial tube		
Codice Code	Ø tubo mm Ø pipe mm	A mm	W mm	Ø tubo in. Ø pipe in.	Codice Code
DD 6	6	13.5	14	1/4	DD 1/4
DD 8	8	13.5	17	5/16	DD 5/16
DD 10	10	15.5	19	3/8	DD 3/8
DD 12	12	17.5	22	1/2	DD 1/2
DD 16	16	19	25.4	5/8	DD 5/8

RACCORDERIA A COMPRESSIONE A SINGOLA OGIVA
SINGLE FERRULE COMPRESSION FITTINGS

Modello
Model

SO



Accessori per raccordi: Tappo per raccordo
Fittings accessories: Plug for fitting

Tipo
Type

TP



Tubo metrico Metric tube			Tubo in pollici Imperial tube		
Codice Code	Ø tubo mm Ø pipe mm	A mm	W mm	Ø tubo in. Ø pipe in.	Codice Code
TP 6	6	13.5	14	1/4	TP 1/4
TP 8	8	13.5	17	5/16	TP 5/16
TP 10	10	15.5	19	3/8	TP 3/8
TP 12	12	17.5	22	1/2	TP 1/2
TP 16	16	19	25.4	5/8	TP 5/8

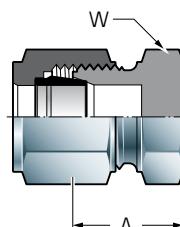
Sezione
Section

1

Accessori per raccordi: Tappo per tubo
Fittings accessories: Plug for tube

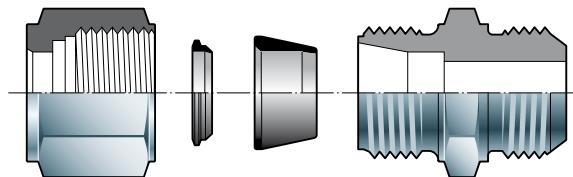
Tipo
Type

TP/TB



Tubo metrico Metric tube			Tubo in pollici Imperial tube		
Codice Code	Ø tubo mm Ø pipe mm	A mm	W mm	Ø tubo in. Ø pipe in.	Codice Code
TP/TB 6	6	17	14	1/4	TP/TB 1/4
TP/TB 8	8	18	17	5/16	TP/TB 5/16
TP/TB 10	10	19	17	3/8	TP/TB 3/8
TP/TB 12	12	19	19	1/2	TP/TB 1/2
TP/TB 16	16	20	25.4	5/8	TP/TB 5/8

RACCORDERIA A COMPRESSIONE A DOPPIA OGIVA
TWIN FERRULE COMPRESSION FITTINGS



Sezione
Section

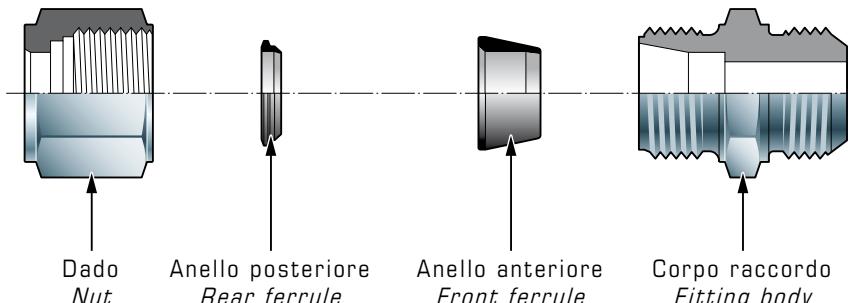
2

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SIMER reserves the right to amend the data contained within this catalogue at any time.

RACCORDERIA A COMPRESSIONE A DOPPIA OGIVA TWIN FERRULE COMPRESSION FITTINGS

Modello
Model

S-LOK



Principio di funzionamento

I raccordi S-LOK a doppio anello sono raccordi di precisione composti da quattro parti concepite per realizzare connessioni a tenuta perfetta anche in presenza di alta pressione, vuoto e vibrazioni.

- 1) L'anello posteriore realizza una sicura presa meccanica sul tubo garantendo la resistenza a li pressione ed alle vibrazioni.
- 2) Il rivestimento in argento del filetto del dado evita ogni possibilità di grippaggio.
- 3) L'anello frontale realizza la tenuta perfetta nei confronti del tubo e del corpo del raccordo.
- 4) Il perfetto posizionamento del tubo è assicurato dal profondo inserimento del tubo stesso nel raccordo e dalle tolleranze ristrette di tutti i componenti.

I raccordi sono forniti completi e pronti per l'impiego. L'anello frontale, scivolando lungo il cono del raccordo, comprime il tubo creando una perfetta tenuta sia sul tubo sia sul raccordo grazie all'interferenza che si genera fra i tre componenti in contatto ed alla perfetta finitura degli stessi. Quindi l'anello posteriore, guidato dal cono dell'anello frontale, incide il tubo realizzando una robusta presa meccanica. Il diametro interno del corpo e del dado sono accuratamente controllati per guidare il tubo ed assicurare il suo perfetto allineamento rispetto all'asse.

Garanzia della qualità

Le procedure di garanzia della qualità sono pienamente in accordo con la normativa ISO 9000-1994.

Approvazioni e specifiche

I raccordi S-LOK vengono impiegati in impianti chimici, petrolchimici, off-shore ed energetici e sono conformi alle specifiche emesse dai più grandi gruppi industriali.

Applicazioni

I raccordi S-LOK sono stati specificamente progettati per essere utilizzati in sistemi di strumentazione e controllo di processo, come pure nelle apparecchiature d'analisi ed in tutte quelle applicazioni che richiedono l'impiego di raccordi d'elevata qualità ed affidabilità.

Working principle

The S-LOK ferrule fitting of four precision engineered parts designed to provide secure leak-proof joint capable of satisfying high pressure, vacuum and vibration application.

- 1) The back ferrule provides a strong mechanical and antivibration hold on the tube.
- 2) Fine pitch, silver plated nut ensure no galling.
- 3) Pressure seal by front ferrule on tube body.
- 4) Deep tube abutment and close tolerance of nut and body for accurate tube alignment.

Fittings are supplied complete and ready for use.

The front ferrule swages onto the tubes as it moves down the cone of the body creating a pressure/vacuum-tight seal on both tube and the body by the interface pressure and surface finish of mating components. The back ferrule then deforms inwards in the cone of the front ferrule, forming into the tube and creating a strong mechanical hold on the tube.

The internal diameter of body and nut are closely controlled diameters which constrain the tube within close tolerance of its axis ensuring accurate alignment within the assembled fitting.

Quality assurance

Quality assurance procedures conform fully with ISO 9000-1994.

Product Specification

The S-LOK instrumentation fittings are widely used in chemical, petrochemical and other industries. The fittings are conform fully to the specification issued from the greatest industries.

Application

The S-LOK fittings has been specifically designed for use on instrumentation, process and control systems, together with equipment employed in chemical and petrochemical. The S-LOK fittings has also found extensive applications in other fields where a very high quality tube fitting is required.

RACCORDERIA A COMPRESSIONE A DOPPIA OGIVA TWIN FERRULE COMPRESSION FITTINGS

Modello
Model

S-LOK



Materiali

I raccordi S-LOK sono fornibili in AISI 316, AISI 316L, Ottone, 6Mo, Monel, Hastelloy C, Incoloy 825, Inconel 600.

I raccordi diritti sono realizzati da barra trafilata a freddo, mentre i raccordi a gomito ed a "T" sono ottenuti da stampati a grana uniforme. Le materie prime impiegate sono totalmente conformi ad una o più normative internazionali.

Materials

The S-LOK fittings are available in AISI 316, AISI 316L, Brass, 6Mo, Monel, Hastelloy C, Incoloy 825, Inconel 600.

Straight fittings are machined from cold finished bar stock and shaped bodies are machined close grain forging. The raw material used fully conform to the chemical requirements of one or more of the specification listed below.

Normative materiali - Material standard

Materiale Material	Raccordi diritti Bar stock fittings	Raccordi stampati Forged fittings
AISI 316	ASTM A479/A276 TP316 DIN 1.4401 - X5 CrNiMo 1810 UNI 6900 - X5 CrNiMo 1712 ASTM B16 ALLOY 360 ASTM B453 ALLOY 345	ASTM A182 TP316 DIN 1.4401 - X5 CrNiMo 1810 UNI 6900 - X5 CrNiMo 1712 ASTM B124 ALLOY 377
Ottone - Brass	6Mo - UNS 31254	6Mo - UNS 31254
6Mo	ASTM B164	ASTM B164
Monel400	ASTM B575	ASTM B575
Hastelloy C276	ASTM B425	ASTM B425
Incoloy 825	ASTM B166	ASTM B564
Inconel600		

Nessuna torsione del tubo

Nel corso del serraggio il raccordo S-LOK non trasmette alcuna torsione al tubo. Il principio costruttivo del raccordo S-LOK assicura che tutti i carichi che si generano durante il serraggio od il riserraggio vengano trasmessi assialmente al tubo. Il serraggio del raccordo è facilitato dal riporto in argento presente sulla filettatura interna del dado, che si comporta effettivamente come un lubrificante ed impedisce il grippaggio.

Nessuna distorsione

Durante l'assemblaggio non vengono generate forze che possano distorcere il corpo del raccordo o possano creare interferenze fra gli anelli ed il dado.

Questo garantisce che il dado possa arretrare nel disassemblaggio del raccordo e che quest'ultimo possa essere riassemblato un gran numero di volte.

Tenuta

Anni di esperienza nella produzione di raccordi di qualità, oltre ad alcune specifiche caratteristiche del raccordo S-LOK, quali la rullatura delle sedi di tenuta e le strettissime tolleranze di lavorazione contribuiscono ad ottenere l'elevata efficacia ed affidabilità di tenuta che è stata confermata da numerosi e severi test. Alcune di queste prove hanno dimostrato che il raccordo S-LOK dopo ripetuti riassemblaggi, garantisce la tenuta all'Elio a 200 bar.

Test di vibrazioni a pressione pulsante hanno provato l'elevata resistenza a fatica del raccordo.

Torque

The S-LOK fittings do not twist the tube during installation. The fitting design ensures that all make and remake loading is transmitted axially to the tube. Fitting make-up is eased due to a silver plating of the tube nut threads, which acts as an effective lubricant and prevents galling

No distortion

In make-up, there is no undue force in an outward direction to distort the fitting body or ferrules to cause interference between the ferrules and the nut.

This assures that the nut will back off for disassembly and permits a greater number of end remakes.

Sealing

Positive, reliable connections with S-LOK fittings have been qualified with exhaustive tests and many years of experience in the manufacture of quality tube fittings. Specific product features such as burnished cones for superior sealing and exacting manufacturing tolerances for consistent product quality, all contribute to the effective sealing of S-LOK fittings.

In tests after repeated remakes S-LOK fittings effected a Helium seal at over 200 Bar. Vibration and impulse tests in the multimillion cycle range prove outstanding seal capability and fatigue resistance.

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Section

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RACCORDERIA A COMPRESSIONE A DOPPIA OGIVA TWIN FERRULE COMPRESSION FITTINGS

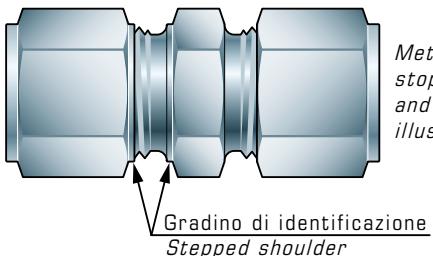
Modello
Model

S-LOK



Come identificare i raccordi per tubo metrico

I raccordi per tubo metrico sono identificati da una lavorazione a gradino eseguita sia sul corpo che sul dado del raccordo



How to identify metric fittings

Metric tube fittings are identify by a stopped shoulder on both the body and the threaded end of the nut as illustrated

GUIDA ALLA SCELTA DEL TUBO

Selezione del tubo

I raccordi S-LOK sono progettati e realizzati in strettissima osservanza degli standard più diffusi. L'attenta scelta di un tubo di elevate qualità, insieme al raccordo S-LOK appropriato, assicurerà la realizzazione di un sistema sicuro e senza trafiletti. Le tabelle seguenti sono da intendersi come una guida per la selezione del tubo da impiegare. Le dimensioni di tubo elencate, negli spessori minimi e massimi, vengono regolarmente provate alla pressione di scoppio in abbinamento con raccordi S-LOK correttamente montati e non si verificano mai perdite nel punto di connessione. Le pressioni di esercizio raccomandate per raccordi S-LOK montati sui tubi aventi spessori differenti da quelli elencati, possono essere fornite dal nostro ufficio tecnico. I tubi devono essere completamente ricotti e conformi alla norma ASTM A269 od equivalente. La durezza raccomandata è di 80 Rb e non si dovrebbero mai superare i 90 Rb prescritti dalla norma ASTM A269.

SELECTING TUBING GUIDE

Selection of tubing

The S-LOK twin ferrule fitting is precision engineered to exacting standards. Careful selection of high quality tubing together with the appropriate S-LOK fitting will ensure the installation of safe, leak free systems. The following tables are intended as a guide to tube ordering. The tube size listed are regularly tested to bursting pressure in both maximum and minimum wall thickness using correctly assembled S-LOK tube fittings, with no sign of leakage or failure at the connections.

For use with tubes of wall thickness other than those listed, recommendations regarding working pressures for S-LOK fittings can be obtained from our Technical Department.

Tube should be fully annealed high quality stainless steel tube to ASTM A-269 or equivalent.

The preferred hardness is 80 Rb or less. If harder tube is used, 90 Rb is the maximum allowed by ASTM A269.

Pressioni massime d'esercizio raccomandate per raccordi e tubi in acciaio inossidabile AISI 316 e 6MO con **tubo metrico**.

Recommended maximum working pressure for AISI 316 stainless steel and 6MO with **metric tube**.

Spessore tubo (mm) Tube thickness (mm)	0,5	0,7	1,0	1,5	2,0	2,5	3,0
Diametro tubo (mm) Tube diameter (mm)							
2	700						
3	450	660					
4	275	480	685				
6	205	310	515	725			
8	170	225	410	530			
10	130	180	310	490			
12	105	150	245	375	480		
14			195	340	390		
15			170	280	365		
16			160	245	350		

Misure in bar - bar Size

RACCORDERIA A COMPRESSIONE A DOPPIA OGIVA
TWIN FERRULE COMPRESSION FITTINGS

Modello
Model

S-LOK



Pressioni massime d'esercizio raccomandate per raccordi e tubi in acciaio inossidabile AISI 316 e 6MO con **tubo in pollici**.

*Recommended maximum working pressure for AISI 316 stainless steel and 6MO with **inch tubing**.*

Spessore tubo (mm) Tube thickness (mm)	33/010	30/102	22/028	20/036	18/048	16/064	14/080	12/104
Diametro tubo (pollici) Tube diameter (inch)								
1/16	385	465						
1/8			640	865				
1/4			345	515	600	805		
5/16			265	315	465	635		
3/8			205	275	380	515		
1/2			170	205	275	380	480	
5/8				155	205	375	380	450
3/4				120	170	240	310	380
7/8				105	140	195	245	300
1				85	120	170	225	240

Misure in bar - bar Size

Le prove di pressione indicate sopra eseguite su tubo conforme ad ASTM A269 - Temperatura 20°C / +100°C - Fattore di sicurezza 4:1

Per pressioni di lavoro per tubi in Monel, moltiplicare per 0,8 i dati delle tabelle sopra riportate.

Pressure test of above tables based on tube in according ASTM A269 - Temperature 20°C / +100°C - Safety factor 4:1

For working pressures of Monel tubing, multiply the above ratings by 0,8.

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Istruzioni per l'installazione

I raccordi S-LOK sono forniti completamente assemblati.

Applicazioni normali

- 1) Assicurarsi che l'estremità del tubo sia tagliata a 90° e sia pulita ed eliminare le bave senza danneggiare il tubo stesso.
- 2) Inserire il tubo nel raccordo assicurandosi che il tubo sia a battuta nel corpo del raccordo stesso e il dado sia serrato a mano. (Fig.1)
- 3) Tenendo il corpo saldamente, segnare il punto di partenza del dado nella posizione di serrato a mano e ruotare il dado di un giro e un quarto. Si ottiene così un corretto assemblaggio. (Fig.2)
- 4) Per le misure sino a 1/8" (pollici) e 4 mm (metrici) basta solo 3/4 di giro per ottenere l'assemblaggio desiderato.

Applicazioni ad alta pressione ed in sistemi dove è richiesto un alto fattore di sicurezza

Per ovviare alle tolleranze ammesse sul diametro del tubo quando l'applicazione richiede la massima capacità di tenuta del raccordo, si raccomanda che il dado sia serrato finché il tubo non possa essere ruotato a mano. Da questo punto il dado deve essere ruotato ulteriormente di un giro e un quarto. Inserire il tubo a battuta e tenerlo saldamente in posizione.

Disassemblaggio e riassemblaggio

Con i raccordi S-LOK si può ripetere l'operazione di disassemblaggio e di riutilizzo degli stessi molte volte ottenendo comunque sicurezza e tenuta perfetta nei riassemblaggi successivi.

Tenendo il corpo con una chiave, avitare il dado sino alla posizione iniziale marcata prima del disassemblaggio ed esercitare un ulteriore leggero serraggio per ottenere nuovamente una tenuta ottimale. (Fig. 3)

Installation instructions

S-LOK tube fittings are supplied completely assembled.

Normal use

- 1) Ensure that the end of the tube is cut square and any burrs removed without causing undue chamfering of the tube end.
- 2) Insert the tube into a S-LOK fitting ensuring that the tube is firmly butted home into the body of the fitting and the nut is finger tight. (Fig.1)
- 3) With the body firmly held, mark the nut in the finger tightened position and rotate the nut one and a quarter turns from the marked position. The correctly made connection is then completed. (Fig.2)
- 4) For size up to 3/16" and 4 mm tube fittings only three quarters of a turn from finger tight is necessary.

High pressure applications, high safety factor systems

To allow for possible tolerance variations in tube diameters when the application demands the maximum pressure sealing capabilities of the fitting. It is recommended that the nut is tightened until the tube cannot be rotated by hand.

From this point the nut should then be tightened one and a quarter turns.

Retightening and disassembly

With S-LOK tube fittings the connection can be disconnected and retightened many times and the same reliable, safe leakproof connection obtained.

Holding the body with a spanner, the nut is tightened to the original position and then given a slight extra effort to retain positive sealing. (Fig. 3)

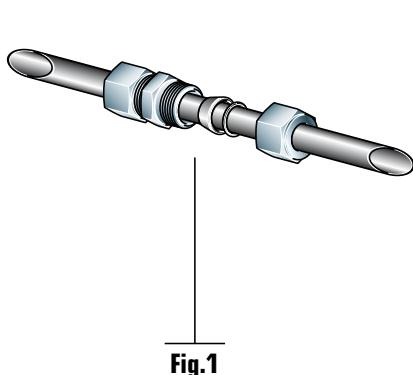
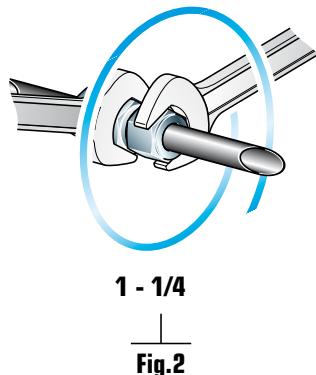
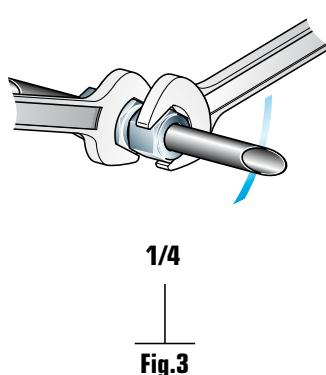


Fig.1



1 - 1/4
Fig.2



1/4
Fig.3

RACCORDERIA A COMPRESSIONE A DOPPIA OGIVA
TWIN FERRULE COMPRESSION FITTINGS

Modello
Model

S-LOK



COME ORDINARE UN RACCORDO

Il codice di identificazione è composto da simboli che identificano la conformazione, la misura e il materiale:

CM

12

3

SS

Tipo di raccordo
Fitting type

Codice *Code*

AA

AF

AM

BA

BCF

BCM

BTF

BTM

BU

BUA

C

CB

CF

CM

COM

COS

CW

EB

EF

EM

E45M

EW

FB

FF

FS

N

P

PC

R

RTF

RTM

RU

U

UA

UC

UE

UT

Dimensione del tubo metrico
Metric tubing dimension

Codice *Code*

D.E. tubo

O.D. tube

- M6** = Tubo 6mm
- M8** = Tubo 8mm
- M10** = Tubo 10mm
- M12** = Tubo 12mm
- M16** = Tubo 16mm

Dimensione del tubo in pollici
Inch tubing dimension

Codice *Code*

D.E. tubo

O.D. tube

- 1** = 1/16"
- 2** = 1/8"
- 3** = 3/16"
- 4** = 1/4"
- 5** = 5/16"
- 6** = 3/8"
- 8** = 1/2"
- 10** = 5/8"
- 12** = 3/4"
- 14** = 7/8"
- 16** = 1"

Dimensione del filetto
Thread dimension

Codice *Code*

Filetto

Thread

- 1** = 1/16"
- 2** = 1/8"
- 3** = 3/16"
- 4** = 1/4"
- 5** = 5/16"
- 6** = 3/8"
- 8** = 1/2"
- 10** = 5/8"
- 12** = 3/4"
- 14** = 7/8"
- 16** = 1"

Materiale del raccordo
Fitting material

Codice *Code*

Materiale

- SS** = AISI 316
- B** = Ottone
- 6Mo** = 6Mo
- M** = Monel 400
- H** = Hastelloy C276
- 825** = Incoloy 825
- 600** = Inconel 600

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Disponibilità :

solamente i raccordi compresi nel listino prezzi in vigore sono generalmente tenuti a magazzino. Prezzi e termini di consegna per raccordi fuori standard possono essere forniti su richiesta.

Availability :

Only items priced in current price-list are carried in stock.
Price and delivery term of no-standard fitting on request.

Connettori - Connectors



Connettore dritto maschio

Male connector

CM 38



Connettore dritto femmina

Female connector

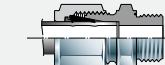
CF 39



Connettore con tenuta "O-Ring"
per filetti ISO

*"O-Ring" seal male connector
for ISO pipe thread*

COM 40



Connettore con tenuta "O-Ring"
per filetti UN

*"O-Ring" seal male connector
for UN straight thread*

COS 40

Intermedi - Unions



Intermedio

Union

U 41



Intermedio di riduzione

Reducing union

RU 41



Adattatore Intermedio S-LOK - 37°

Union adaptor S-LOK - 37°

UA 42

Passaparete - Bulkhead



Passaparete intermedio

Union bulkhead

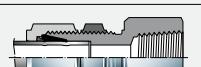
BU 42



Connettore passaparete maschio

Male bulkhead connector

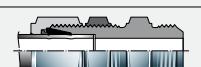
BCM 43



Connettore passaparete femmina

Female bulkhead connector

BCF 43

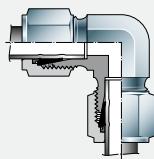


Adattatore passaparete 37°

Bulkhead union 37°

BUA 43

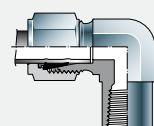
Curve - Elbow



Gomito intermedio

Union elbow

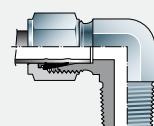
UE 44



Connettore a gomito femmina

Female elbow

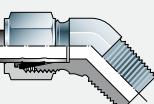
EF 44



Connettore a gomito maschio

Male elbow

EM 45



Connettore a gomito maschio a 45°

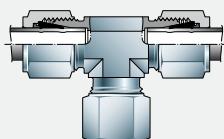
45° male elbow

E45M 45

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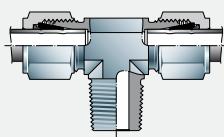
"T" - Tee



"T" intermedio

Union tee

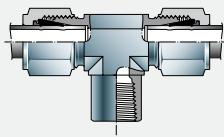
UT 46



"T" derivato maschio

Male branch tee

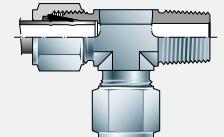
BTM 46



"T" derivato femmina

Female branch tee

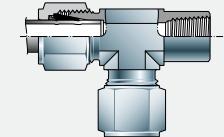
BTF 47



"T" terminale maschio

Male run tee

RTM 47

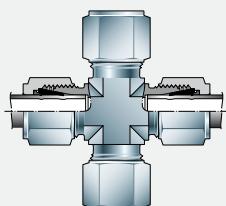


"T" terminale femmina

Female run tee

RTF 48

Croci - Crosses

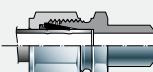


Intermedio a croce

Union cross

UC 48

Raccordi a saldare - Weld end fittings



Connettore a saldare di testa

Buttweld connector

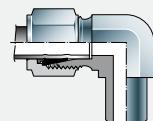
CB 49



Connettore dritto tasca a saldare

Socket weld connector

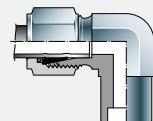
CW 49



Connettore a gomito a saldare di testa

Buttweld elbow

EB 50

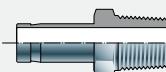


Connettore a gomito tasca a saldare

Socket weld elbow

EW 50

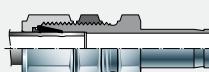
Adattatori - Adaptors



Adattatore maschio

Male adaptor

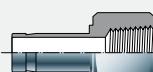
AM 51



Adattatore passaparete

Bulkhead adaptor

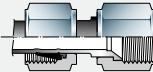
BA 51



Adattatore femmina

Female adaptor

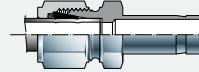
AF 52



Adattatore S-LOK - 37°

Adaptor S-LOK - 37°

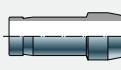
AA 52



Riduzione

Reducer

R 53

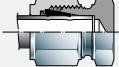


Inserto di collegamento

Port connector

PC 53

Tappi - Plugs and caps

	Tappo per tubo	Cap for tube	C	54
	Tappo per raccordo	Plug for fitting	P	54

Ricambi - Spare parts

	Anello posteriore	Back ferrule	FB	55
	Anello anteriore	Front ferrule	FF	55
	Set di ogive	Ferrule set	FS	55
	Dado	Nut	N	55

Sezione
Section

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RACCORDERIA A COMPRESSIONE A DOPPIA OGIVA
TWIN FERRULE COMPRESSION FITTINGS

Modello
Model

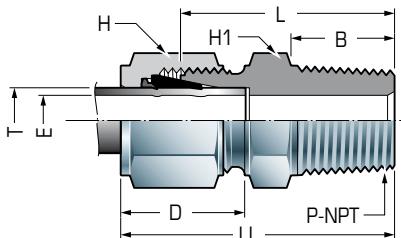
S-LOK



Connettore dritto maschio
Male connector

Tipo
Type

CM



Tubo in pollici Imperial tube							Tubo metrico Metric tube					
Codice Code	tubo tube T	filett. thrd. P	LL	B	D	Min. Open E	H1	H	L	tubo tube T	filett. thrd. P	Codice Code
CM 1-1	1/16	1/16	24.1	9.6	11	1.3	8	8	20			
CM 1-2	1/16	1/8	26.4	9.6	11	1.3	12	8	23.3			
CM 1-4	1/16	1/4	31.2	14.2	11	1.3	14	8	25.4			
CM 2-1	1/8	1/16	30	9.6	15.2	2.3	12	12	23			
CM 2-2	1/8	1/8	30.7	9.6	15.2	2.3	12	12	23.8			
CM 2-4	1/8	1/4	35.6	14.2	15.2	2.3	14	12	29			
CM 2-6	1/8	3/8	35.6	14.2	15.2	2.3	17	12	29.2			
CM 2-8	1/8	1/2	42.4	19	15.2	2.3	22	12	35.6			
CM 3-2	3/16	1/8	31.5	9.6	16	3	12	12	24.6			
CM 3-4	3/16	1/4	35.6	14.2	16	3	14	12	29.7			
CM 4-1	1/4	1/16	33	9.6	17.8	3	12	14	25.4			
CM 4-2	1/4	1/8	33	9.6	17.8	4.8	12	14	25.4	6	1/8	CM M6-2
CM 4-4	1/4	1/4	38	14.2	17.8	4.8	14	14	30.5	6	1/4	CM M6-4
CM 4-6	1/4	3/8	38.6	14.2	17.8	4.8	17	14	31	6	3/8	CM M6-6
CM 4-8	1/4	1/2	45	19	17.8	4.8	22	14	35.6	6	1/2	CM M6-8
CM 4-12	1/4	3/4	46.5	19	17.8	4.8	27	14	38.8	6	3/4	CM M6-12
CM 5-2	5/16	1/8	34.3	9.6	18.5	4.8	14	17	25.4	8	1/8	CM M8-2
CM 5-4	5/16	1/4	38.8	14.2	18.5	6.3	14	17	31.2	8	1/4	CM M8-4
CM 5-6	5/16	3/8	39.4	14.2	18.5	6.3	17	17	31.7	8	3/8	CM M8-6
CM 6-2	3/8	1/8	35.6	9.6	19.3	4.8	17	17	28	10	1/8	CM M10-2
CM 6-4	3/8	1/4	40	14.2	19.3	7.1	17	17	32.5	10	1/4	CM M10-4
CM 6-6	3/8	3/8	40	14.2	19.3	7.1	17	17	32.5	10	3/8	CM M10-6
CM 6-8	3/8	1/2	46.5	19	19.3	7.1	22	17	38.8	10	1/2	CM M10-8
CM 6-12	3/8	3/4	48	19	19.3	7.1	27	17	40.4	10	3/4	CM M10-12
CM 8-2	1/2	1/8	39	9.6	21.8	4.8	22	22	28.7	12	1/8	CM M12-2
CM 8-4	1/2	1/4	43.5	14.2	21.8	7.1	22	22	33.3	12	1/4	CM M12-4
CM 8-6	1/2	3/8	43.5	14.2	21.8	9.6	22	22	33.3	12	3/8	CM M12-6
CM 8-8	1/2	1/2	49	19	21.8	10.4	22	22	38.8	12	1/2	CM M12-8
CM 8-12	1/2	3/4	51	19	21.8	10.4	27	22	40.4	12	3/4	CM M12-12
CM 8-16	1/2	1	57.5	23.8	21.8	10.4	36	22	47	12	1	CM M12-16
CM 10-6	5/8	3/8	44.5	14.2	21.8	9.6	24	25	34	16	3/8	CM M16-6
CM 10-8	5/8	1/2	49	19	21.8	12	24	25	38.8	16	1/2	CM M16-8
CM 10-12	5/8	3/4	51	19	21.8	12.7	27	25	40.4	16	3/4	CM M16-12
CM 12-8	3/4	1/2	51	19	21.8	12	27	30	40.4			
CM 12-12	3/4	3/4	51	19	21.8	15.7	27	30	40.4			
CM 12-16	3/4	1	57.5	23.8	21.8	15.7	36	30	47			
CM 14-12	7/8	3/4	51	19	21.8	15.7	30	32	40.4			
CM 14-16	7/8	1	57.5	23.8	21.8	18.3	36	32	47			
CM 16-8	1	1/2	57.5	19	26.4	12	36	38	45.2			
CM 16-12	1	3/4	57.5	19	26.4	15.7	36	38	45.2			
CM 16-16	1	1	62.5	23.8	26.4	23.3	36	38	50			

RACCORDERIA A COMPRESSIONE A DOPPIA OGIVA
TWIN FERRULE COMPRESSION FITTINGS

Modello
Model

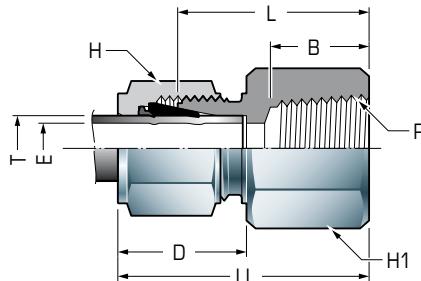
S-LOK



Connettore dritto femmina
Female connector

Tipo
Type

CF



Tubo in pollici Imperial tube			Tubo metrico Metric tube									
Codice Code	tubo tube T	filett. thrd. P	LL	B	D	Min. Open E	H1	H	L	tubo tube T	filett. thrd. P	Codice Code
CF 1-1	1/16	1/16	23.8	10	11	1.3	12	8	19.8			
CF 1-2	1/16	1/8	24.6	10.4	11	1.3	14	8	20.6			
CF 2-2	1/8	1/8	29	10	15.2	2.3	14	12	22			
CF 2-4	1/8	1/4	33.8	14.9	15.2	2.3	19	12	26.9			
CF 3-2	3/16	1/8	30	10	16	3	14	12	23			
CF 4-2	1/4	1/8	31.5	10	17.8	4.8	14	14	23.8	6	1/8	CF M6-2
CF 4-4	1/4	1/4	35.6	14.9	17.8	4.8	19	14	28.5	6	1/4	CF M6-4
CF 4-6	1/4	3/8	35.6	14.9	17.8	4.8	22	14	30.2	6	3/8	CF M6-6
CF 4-8	1/4	1/2	42.7	19.8	17.8	4.8	27	14	35	6	1/2	CF M6-8
CF 5-2	5/16	1/8	32.2	10	18.5	6.3	14	17	24.6	8	1/8	CF M8-2
CF 5-4	5/16	1/4	35.6	14.2	18.5	6.3	19	17	29.4	8	1/4	CF M8-4
CF 6-2	3/8	1/8	33	10	19.3	7.1	17	17	25.4	10	1/8	CF M10-2
CF 6-4	3/8	1/4	35.6	14.9	19.3	7.1	19	17	30.2	10	1/4	CF M10-4
CF 6-6	3/8	3/8	39.4	14.9	19.3	7.1	22	17	31.7	10	3/8	CF M10-6
CF 6-8	3/8	1/2	44.2	19.8	19.3	7.1	27	17	35.6	10	1/2	CF M10-8
CF 6-12	3/8	3/4	48	20.6	19.3	7.1	34	17	40.4	10	3/4	CF M10-12
CF 8-4	1/2	1/4	40.6	14.9	21.8	10.4	22	22	30.2	12	1/4	CF M12-4
CF 8-6	1/2	3/8	42.1	14.9	21.8	10.4	22	22	31.7	12	3/8	CF M12-6
CF 8-8	1/2	1/2	47	19.8	21.8	10.4	27	22	35.6	12	1/2	CF M12-8
CF 8-12	1/2	3/4	48.5	20.6	21.8	10.4	34	22	38	12	3/4	CF M12-12
CF 10-6	5/8	3/8	42.1	14.9	21.8	12.7	24	25	31.7	16	3/8	CF M16-6
CF 10-8	5/8	1/2	47	19.8	21.8	12.7	27	25	35.6	16	1/2	CF M16-8
CF 12-8	3/4	1/2	47	19.8	21.8	15.7	27	30	35.6			
CF 12-12	3/4	3/4	48.5	20.6	21.8	15.7	34	30	38			
CF 14-12	7/8	3/4	50	20.6	21.8	18.3	34	32	39.6			
CF 16-12	1	3/4	53.6	20.6	26.4	22.3	36	38	41.1			
CF 16-16	1	1	62.5	25.4	26.4	22.3	41	38	50			

Sezione
Section

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RACCORDERIA A COMPRESSIONE A DOPPIA OGIVA
TWIN FERRULE COMPRESSION FITTINGS

Modello
Model

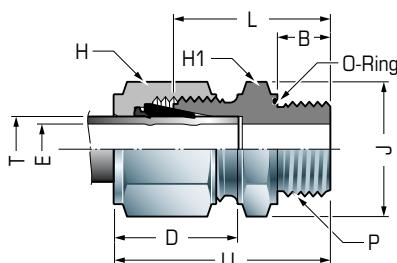
S-LOK



Connettore con tenuta "O-Ring" per filetti ISO
"O-Ring" seal male connector for ISO pipe thread

Tipo
Type

COM

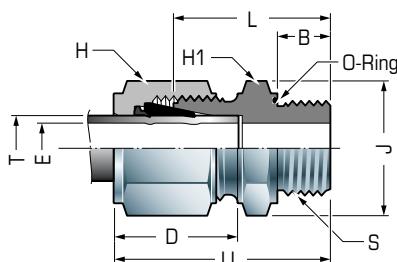


Tubo in pollici Imperial tube				Tubo metrico Metric tube										
Codice Code	tubo tube T	filett. thrd. P	LL	B	D	Min. Open	H1	J	H	L	O-Ring AS 568 Uniform	tubo tube T	filett. thrd. P	Codice Code
COM 2-2	1/8	1/8	33	7.1	15.2	2.3	19	18.8	12	26.2	OR-111			
COM 4-2	1/4	1/8	35.3	7.1	17.8	4.8	19	18.8	14	26.2	OR-111	6	1/8	COM M6-6
COM 4-4	1/4	1/4	38.6	9.6	17.8	4.8	24	23.6	14	27.7	OR-113	6	1/4	COM M6-4
COM 6-4	3/8	1/4	40	9.6	19.3	7.1	24	23.6	17	32.5	OR-113	10	1/4	COM M10-4
COM 6-6	3/8	3/8	41.6	10.4	19.3	7.1	30	28.5	17	34	OR-116	10	3/8	COM M10-6
COM 6-8	3/8	1/2	47.2	13.5	19.3	7.1	34	33	17	39.6	OR-212	10	1/2	COM M10-8
COM 8-8	1/2	1/2	50	13.5	21.8	10.4	34	33	22	39.6	OR-212	12	1/2	COM M12-8

Connettore con tenuta "O-Ring" per filetti UN (American Std.)
"O-Ring" seal male connector for UN (American std.) straight thread

Tipo
Type

COS



Tubo in pollici Imperial tube				Tubo metrico Metric tube										
Codice Code	tubo tube T	filett. thrd. S	LL	B	D	Min. Open	H1	J	H	L	O-Ring AS 568 Uniform	tubo tube T	filett. thrd. S	Codice Code
COS 1-1	1/16	5/16-24	26.9	8.6	11	1.3	14	14	8	22.8	OR-011			
COS 2-2	1/8	5/16-24	33	8.6	15.2	2.3	14	14	12	26.2	OR-011			
COS 3-3	3/16	3/8-24	34.5	9.6	16	3	17	15.7	12	27.7	OR-012			
COS 4-4	1/4	7/16-20	38.6	10.4	17.8	4.8	3/4	18.8	14	31	OR-111	6	7/16-20	COS M6-4
COS 5-5	5/16	1/2-20	40.9	11.1	18.5	6.3	22	21.8	17	33.3	OR-112	8	1/2-20	COS M8-5
COS 6-6	3/8	9/16-18	42.7	12	19.3	7.1	24	23.6	17	35	OR-113	10	9/16-18	COS M10-6
COS 8-8	1/2	3/4-16	46.2	12	21.8	10.4	30	28.5	22	35.6	OR-116	12	3/4-16	COS M12-8
COS 12-12	3/4	1-1/16-12	52.6	14.2	21.8	15.7	38	35.6	30	42.1	OR-215			
COS 16-16	1	1-5/16-12	58.4	14.2	26.4	22.3	46	44.2	38	46	OR-219			

RACCORDERIA A COMPRESSIONE A DOPPIA OGIVA
TWIN FERRULE COMPRESSION FITTINGS

Modello
Model

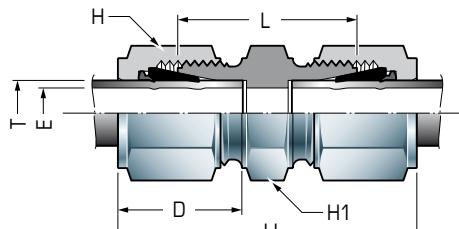
S-LOK



Intermedio
Union

Tipo
Type

U

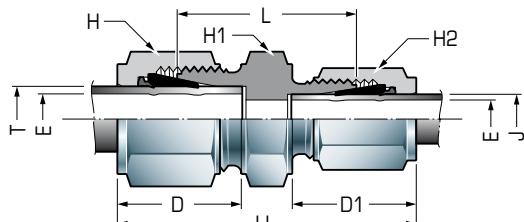


Tubo in pollici Imperial tube		LL	D	Min. Open E	H1	H	L	tubo tube T	Codice Code
Codice Code	tubo tube T								
U1	1/16	25.4	11	1.3	8	8	17.5		
U2	1/8	35.6	15.2	2.3	12	12	22.3		
U3	3/16	35.6	16	3	12	12	24.1		
U4	1/4	41.1	17.8	4.8	12	14	26.2	6	U M6
U5	5/16	43.2	18.5	6.3	14	17	28.2	8	U M8
U6	3/8	45.2	19.3	7.1	17	17	30.2	10	U M10
U8	1/2	51.5	21.8	10.4	22	22	31	12	U M12
U10	5/8	52.3	21.8	12.7	24	25	31.7	16	U M16
U12	3/4	53.8	21.8	15.7	27	30	33.3		
U14	7/8	55.4	21.8	18.3	30	32	35		
U16	1	65	26.4	22.3	36	38	40.4		

Intermedio di riduzione
Reducing union

Tipo
Type

RU



Tubo in pollici Imperial tube		LL	D	D1	Min. Open E	H1	H	H2	L	tubo tube T	tubo tube J	Codice Code
Codice Code	tubo tube T	tubo tube J										
RU 2-1	1/8	1/16	31.2	15.2	11	1.3	12	12	8	20.6		
RU 3-1	3/16	1/16	32.5	16	11	1.3	12	12	8	21.8		
RU 3-2	3/16	1/8	35.6	16	15.2	2.3	12	12	12	23.4		
RU 4-1	1/4	1/16	34.5	17.8	11	1.3	12	14	8	23		
RU 4-2	1/4	1/8	38.8	17.8	15.2	2.3	12	14	12	24.6		
RU 4-3	1/4	3/16	39.6	17.8	16	3	12	14	12	25.4		
RU 5-2	5/16	1/8	40	18.5	15.2	2.3	14	17	12	25.9		
RU 5-4	5/16	1/4	42.4	18.5	17.8	4.8	14	17	14	27.4	8	RU M8-M6
RU 6-1	3/8	1/16	35	19.3	11	1.3	17	17	8	25.4		
RU 6-2	3/8	1/8	41.1	19.3	15.2	2.3	17	17	12	26.9		
RU 6-4	3/8	1/4	43.4	19.3	17.8	4.8	17	17	14	28.5	10	RU M10-M6
RU 6-5	3/8	5/16	44.5	19.3	18.5	6.3	17	17	17	29.4	10	RU M10-M8
RU 8-2	1/2	1/8	45.4	21.8	15.2	2.3	22	22	12	28.5		
RU 8-4	1/2	1/4	47.2	21.8	17.8	4.8	22	22	14	29.4	12	RU M12-M6
RU 8-6	1/2	3/8	48.7	21.8	19.3	7.1	22	22	17	31	12	RU M12-M10
RU 10-6	5/8	3/8	49.5	21.8	19.3	7.1	24	25	17	31.7	16	RU M16-M10
RU 10-8	5/8	1/2	52.3	21.8	21.8	10.4	24	25	22	31.7	16	RU M16-M12
RU 12-4	3/4	1/4	49.5	21.8	17.8	4.8	27	30	14	31.7		
RU 12-6	3/4	3/8	51	21.8	19.3	7.1	27	30	17	33.3		
RU 12-8	3/4	1/2	53.8	21.8	21.8	10.4	27	30	22	33.3		
RU 12-10	3/4	5/8	53.8	21.8	21.8	12.7	27	30	25	33.3		
RU 16-8	1	1/2	63.5	26.4	21.8	10.4	36	38	22	40.9		
RU 16-12	1	3/4	63	26.4	21.8	15.7	36	38	30	40.4		

Sezione
Section

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RACCORDERIA A COMPRESSIONE A DOPPIA OGIVA
TWIN FERRULE COMPRESSION FITTINGS

Modello
Model

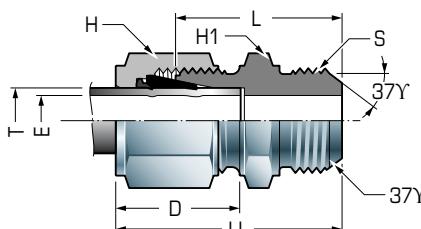
S-LOK



Adattatore intermedio S-LOK - 37°
Union adaptor S-LOK - 37°

Tipo
Type

UA

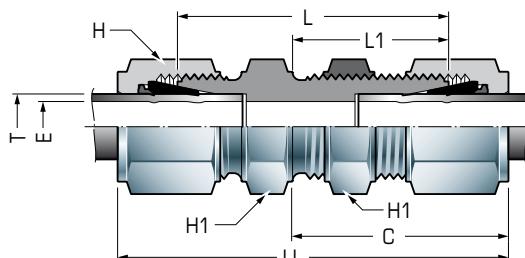


Tubo in pollici Imperial tube				Tubo metrico Metric tube								
Codice Code	tubo tube T	Tubo Tube 37°	LL	D	Min. Open E	H1	H	L	S	tubo tube T	Tubo Tube 37°	Codice Code
UA 1-2	1/16	1/8	25.4	11	1.3	12	8	23.4	5/16-24			
UA 2-2	1/8	1/8	32.5	15.2	1.5	12	12	25	5/16-24			
UA 2-4	1/8	1/4	35.3	15.2	2.3	12	12	28.5	7/16-20			
UA 4-4	1/4	1/4	35.6	17.8	4.3	12	14	30.2	7/16-20	6	6	UA M6-M6
UA 5-5	5/16	5/16	38.6	18.5	5.8	14	17	31	1/2-20	8	8	UA M8-M8
UA 6-4	3/8	1/4	39.9	19.3	4.3	17	17	32.2	7/16-20	10	6	UA M10-M6
UA 6-6	3/8	3/8	39.9	19.3	7.1	17	17	32.2	9/16-18	10	10	UA M10-M10
UA 8-8	1/2	1/2	46.2	21.8	10	22	22	35.6	3/4-16	12	12	UA M12-M12
UA 12-12	3/4	3/4	53.6	21.8	15.5	30	30	43.2	1/16-12			
UA 16-16	1	1	61.7	26.4	21.3	36	38	49	1-5/16-12			

Passaparete intermedio
Bulkhead union

Tipo
Type

BU



Tubo in pollici Imperial tube				Tubo metrico Metric tube									
Codice Code	tubo tube T	LL	C	D	Min. Open E	H1	H	L	L1	Foro parafia Wall bore mm	Spess parafia Wall thick max	tubo tube T	Codice Code
BU 1	1/16	31.7	17.3	11	1.3	8	8	23.8	13.5	5.2	3.1		
BU 2	1/8	51.5	31.2	15.2	2.3	12	12	38	24.6	8.3	12.7		
BU 3	3/16	53.8	32	16	3	14	12	40.4	25.4	9.9	12.7		
BU 4	1/4	57.9	33.5	17.8	4.8	17	14	42.9	25.4	11.5	10.2	6	BU M6
BU 5	5/16	61	35.6	18.5	6.3	17	17	46	28.5	13.1	11.2	8	BU M8
BU 6	3/8	62.5	35.6	19.3	7.1	19	17	47.5	29.4	14.7	11.2	10	BU M10
BU 8	1/2	71.4	41.9	21.8	10.4	24	22	51	31.7	19.4	12.7	12	BU M12
BU 10	5/8	72.9	42.7	21.8	12.7	27	25	52.3	32.5	22.6	12.7	16	BU M16
BU 12	3/4	79.2	47.5	21.8	16	30	30	58.7	35.6	25.8	16.8		
BU 16	1	96	57.5	26.4	23.3	41	38	71.4	45.2	33.7	19.1		

RACCORDERIA A COMPRESSIONE A DOPPIA OGIVA
TWIN FERRULE COMPRESSION FITTINGS

Modello
Model

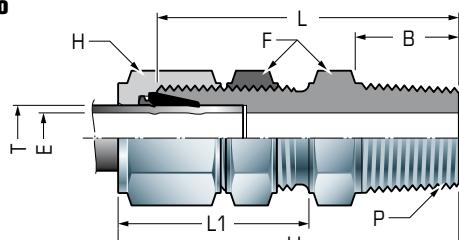
S-LOK



Connettore passaparete maschio
Male bulkhead connector

Tipo
Type

BCM



Tubo in pollici
Imperial tube

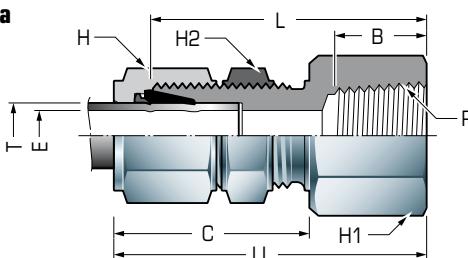
Tubo metrico
Metric tube

Codice Code	tubo tube T	filett. thrd. P	LL	B	Min. Open E	F	H	L	L1	Foro parafia Wall bore mm	Spess parafia Wall thick max	tubo tube T	filett. thrd. P	Codice Code
BCM 2-2	1/8	1/8	46.7	9.6	2.3	12	12	39.9	24.6	8.3	12.7			
BCM 4-2	1/4	1/8	49.8	9.6	4.8	17	14	42.1	25.4	11.5	10.2	6	1/8	BCM M6-2
BCM 4-4	1/4	1/4	53.6	14.2	4.8	17	14	46	25.4	11.5	10.2	6	1/4	BCM M6-4
BCM 6-4	3/8	1/4	57.5	14.2	7.1	19	17	50	29.4	14.7	11.2	10	1/4	BCM M10-4
BCM 8-6	1/2	3/8	63.5	14.2	9.4	24	22	53	31.7	19.4	12.7	12	3/8	BCM M12-6
BCM 8-8	1/2	1/2	69	19	10.4	24	22	58.7	31.7	19.4	12.7	12	1/2	BCM M12-8

Connettore passaparete femmina
Female bulkhead connector

Tipo
Type

BCF



Tubo in pollici
Imperial tube

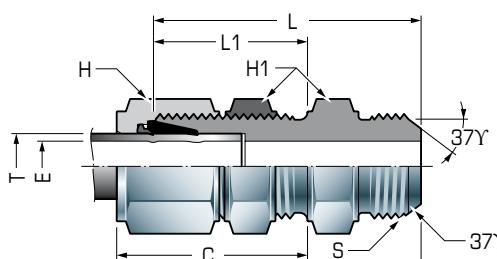
Tubo metrico
Metric tube

Codice Code	tubo tube T	filett. thrd. P	LL	C	B	Min. Open E	H1	H2	H	L	Foro parafia Wall bore mm	Spess parafia Wall thick max	tubo tube T	filett. thrd. P	Codice Code
BCF 2-2	1/8	1/8	45	31.2	10.4	2.3	14	12	12	38	8.3	12.7			
BCF 4-2	1/4	1/8	47.2	33.5	10.4	4.8	17	17	14	39.6	11.5	10.2	6	1/8	BCF M6-2
BCF 4-4	1/4	1/4	52	33.5	14.9	4.8	19	17	14	44.5	11.5	10.2	6	1/4	BCF M6-4
BCF 6-4	3/8	1/4	55.4	35.6	14.9	7.1	19	19	17	47.7	13.1	11.2	10	1/4	BCF M10-4
BCF 8-6	1/2	3/8	62	41.9	14.9	10.4	24	24	22	51.5	19.4	12.7	12	3/8	BCF M12-6
BCF 8-8	1/2	1/2	66.8	41.9	19.8	10.4	27	24	22	56.4	19.4	12.7	12	1/2	BCF M12-8

Adattatore passaparete 37°
Bulkhead union 37°

Tipo
Type

BUA



Tubo in pollici
Imperial tube

Tubo metrico
Metric tube

Codice Code	tubo tube T	tubo tube 37°	LL	C	Min. Open E	H1	H	L	L1	S	tubo tube T	tubo tube 37°	Codice Code
BUA 4-4	1/4	1/4	54.1	33.5	4.3	17	14	46.5	25.4	7/16-20	6	6	BUA M6-M6
BUA 6-6	3/8	3/8	57.5	35.6	7.1	19	17	49.8	29.4	9/16-18	10	10	BUA M10-M10
BUA 8-8	1/2	1/2	66	41.9	10	24	22	55.6	31.7	3/4-16	12	12	BUA M12-M12
BUA 12-12	3/4	3/4	79.2	47.5	15.5	30	27	68.8	35.6	1-1/16-12			
BUA 16-16	1	1	92.7	57.5	21.3	41	38	80.2	45.2	1-5/16-12			

RACCORDERIA A COMPRESSIONE A DOPPIA OGIVA
TWIN FERRULE COMPRESSION FITTINGS

Modello
Model

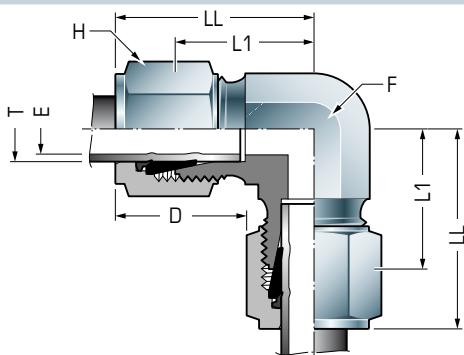
S-LOK



Gomito intermedio
Union elbow

Tipo
Type

UE



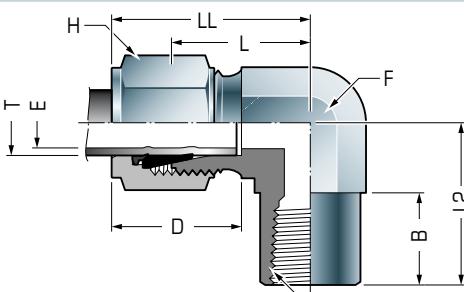
Tubo in pollici
Imperial tube

Codice Code	tubo tube <i>T</i>	LL	D	Min. Open <i>E</i>	F	H	L1	tubo tube <i>T</i>	Codice Code
UE 1	1/16	18	11	1.3	12	8	15.2		
UE 2	1/8	22.6	15.2	2.3	12	12	15.7		
UE 3	3/16	25.6	16	3	12	12	18.8		
UE 4	1/4	27.2	17.8	4.8	12	14	19.5	6	UE M6
UE 5	5/16	29	18.5	6.3	14	17	21.3	8	UE M8
UE 6	3/8	30.7	19.3	7.1	17	17	23	10	UE M10
UE 8	1/2	35.6	21.8	10.4	22	22	25.9	12	UE M12
UE 10	5/8	38.4	21.8	12.7	24	25	28	16	UE M16
UE 12	3/4	40	21.8	15.7	27	30	29.7		
UE 14	7/8	45	21.8	18.3	36	32	34.5		
UE 16	1	49	26.4	22.3	36	38	35.6		

Connettore a gomito femmina
Female elbow

Tipo
Type

EF



Tubo in pollici
Imperial tube

Codice Code	tubo tube <i>T</i>	filett. thrd <i>P</i>	LL	B	D	Min. Open <i>E</i>	F	H	L	L2	tubo tube <i>T</i>	filett. thrd <i>P</i>	Codice Code
EF 2-2	1/8	1/8	25	10	15.2	2.3	12	12	18	19			
EF 2-4	1/8	1/4	27.7	14.9	15.2	2.3	17	12	20.8	22.3			
EF 3-2	3/16	1/8	25.6	10	16	3	12	12	18.8	19			
EF 4-2	1/4	1/8	27.2	10	17.8	4.8	12	14	19.5	19	6	1/8	EF M6-2
EF 4-4	1/4	1/4	30	14.9	17.8	4.8	17	14	22.3	22.3	6	1/4	EF M6-4
EF 4-6	1/4	3/8	32	14.9	17.8	4.8	22	14	24.4	22.3	6	3/8	EF M6-6
EF 4-8	1/4	1/2	34.8	19.8	17.8	4.8	25	14	27.2	28.5	6	1/2	EF M6-8
EF 5-2	5/16	1/8	29	10	18.5	6.3	14	17	21.3	19	8	1/8	EF M8-2
EF 5-4	5/16	1/4	30.7	14.9	18.5	6.3	17	17	23	22.3	8	1/4	EF M8-4
EF 6-2	3/8	1/8	30.7	10	19.3	7.1	17	17	23	19	10	1/8	EF M10-2
EF 6-4	3/8	1/4	31.5	14.9	19.3	7.1	17	17	23.8	22.3	10	1/4	EF M10-4
EF 6-6	3/8	3/8	33.5	14.9	19.3	7.1	22	17	25.9	22.3	10	3/8	EF M10-6
EF 6-8	3/8	1/2	35.6	19.8	19.3	7.1	25	17	28.7	28.5	10	1/2	EF M10-8
EF 8-4	1/2	1/4	35.6	14.9	21.8	10.4	22	22	25.9	22.3	12	1/4	EF M12-4
EF 8-6	1/2	3/8	35.6	14.9	21.8	10.4	22	22	25.4	22.3	12	3/8	EF M12-6
EF 8-8	1/2	1/2	39	19.8	21.8	10.4	25	22	28.7	28.5	12	1/2	EF M12-8
EF 10-6	5/8	3/8	38.4	14.9	21.8	12.7	24	25	28	22.3	16	3/8	EF M16-6
EF 10-8	5/8	1/2	40	19.8	21.8	12.7	27	25	29.7	28.5	16	1/2	EF M16-8
EF 12-8	3/4	1/2	40	19.8	21.8	15.7	27	30	29.7	28.5			
EF 12-12	3/4	3/4	45	20.6	21.8	15.7	36	30	34.5	31.7			
EF 14-12	7/8	3/4	45	20.6	21.8	18.3	36	32	34.5	31.7			
EF 16-12	1	3/4	49	20.6	26.4	22.3	36	38	35.6	31.7			
EF 16-16	1	1	53.8	25.4	26.4	22.3	43	38	41.4	38			

RACCORDERIA A COMPRESSIONE A DOPPIA OGIVA
TWIN FERRULE COMPRESSION FITTINGS

Modello
Model

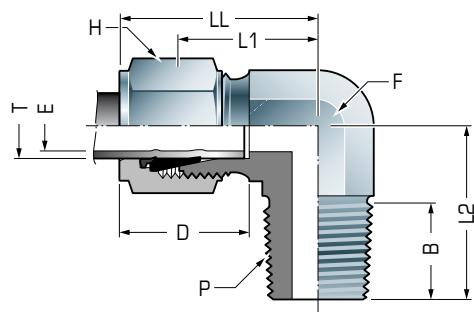
S-LOK



Connettore a gomito maschio
Male elbow

Tipo
Type

EM



Tubo in pollici
Imperial tube

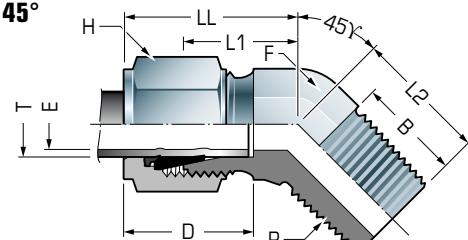
Tubo metrico
Metric tube

Codice Code	tubo tube T	filett. thrd P	LL	B	D	Min. Open E	F	H	L1	L2	tubo tube T	filett. thrd P	Codice Code
EM 1-1	1/16	1/16	18	9.6	11	1.3	12	8	15.2	17.8			
EM 1-2	1/16	1/8	19.3	9.6	11	1.3	12	8	15.2	17.8			
EM 2-1	1/8	1/16	23.8	9.6	15.2	2.3	12	12	17	17.8			
EM 2-2	1/8	1/8	23.8	9.6	15.2	2.3	12	12	17	17.8			
EM 2-4	1/8	1/4	25	14.2	15.2	2.3	12	12	18	23.4			
EM 3-2	3/16	1/8	25.6	9.6	16	3	12	12	18.8	18.8			
EM 3-4	3/16	1/4	25.6	14.2	16	3	12	12	18.8	23.4			
EM 4-2	1/4	1/8	27.2	9.6	17.8	4.8	12	14	19.5	18.8	6	1/8	EM M6-2
EM 4-4	1/4	1/4	27.2	14.2	17.8	4.8	12	14	19.5	23.4	6	1/4	EM M6-4
EM 4-6	1/4	3/8	30	14.2	17.8	4.8	17	14	22.3	26.2	6	3/8	EM M6-6
EM 4-8	1/4	1/2	32	19	17.8	4.8	22	14	24.4	33	6	1/2	EM M6-8
EM 5-2	5/16	1/8	29	9.6	18.5	4.8	14	17	21.3	19.8	8	1/8	EM M8-2
EM 5-4	5/16	1/4	29	14.2	18.5	6.3	14	17	21.3	24.4	8	1/4	EM M8-4
EM 5-6	5/16	3/8	30.7	14.2	18.5	6.3	17	17	23	26.2	8	3/8	EM M8-6
EM 6-2	3/8	1/8	30.7	9.6	19.3	4.8	17	17	23	20.8	10	1/8	EM M10-2
EM 6-4	3/8	1/4	30.7	14.2	19.3	7.1	17	17	23	25.4	10	1/4	EM M10-4
EM 6-6	3/8	3/8	31.5	14.2	19.3	7.1	17	17	23.8	26.2	10	3/8	EM M10-6
EM 6-8	3/8	1/2	33.5	19	19.3	7.1	22	17	25.9	33	10	1/2	EM M10-8
EM 6-12	3/8	3/4	35.6	19	19.3	7.1	27	17	29.7	35.6	10	3/4	EM M10-12
EM 8-4	1/2	1/4	35.6	14.2	21.8	7.1	22	22	25.9	28.2	12	1/4	EM M12-4
EM 8-6	1/2	3/8	35.6	14.2	21.8	9.6	22	22	25.9	28.2	12	3/8	EM M12-6
EM 8-8	1/2	1/2	35.6	19	21.8	10.4	22	22	25.9	33	12	1/2	EM M12-8
EM 8-12	1/2	3/4	40	19	21.8	10.4	27	22	29.7	35.6	12	3/4	EM M12-12
EM 10-6	5/8	3/8	38.4	14.2	21.8	9.6	24	25	28	30.2	16	3/8	EM M16-6
EM 10-8	5/8	1/2	38.4	19	21.8	12	24	25	28	35	16	1/2	EM M16-8
EM 10-12	5/8	3/4	40	19	21.8	12.7	27	25	29.7	35.6	16	3/4	EM M16-12
EM 12-8	3/4	1/2	40	19	21.8	12	27	30	29.7	35.6			
EM 12-12	3/4	3/4	40	19	21.8	15.7	27	30	29.7	35.6			
EM 14-12	7/8	3/4	45	19	21.8	15.7	36	32	34.5	41.6			
EM 16-12	1	3/4	49	19	26.4	15.7	36	38	35.6	41.6			
EM 16-16	1	1	49	19	26.4	22.3	36	38	35.6	46.5			

Connettore a gomito maschio a 45°
45° male elbow

Tipo
Type

E45M



Tubo in pollici
Imperial tube

Codice Code	tubo tube T	filett. thrd P	LL	B	D	Min. Open E	F	H	L1	L2	tubo tube T	filett. thrd P	Codice Code
E45M 4-2	1/4	1/8	25	9.6	17.8	4.8	12	14	17.3	16.5	6	1/8	E45M M6-2
E45M 4-4	1/4	1/4	25	14.2	17.8	4.8	12	14	17.3	21	6	1/4	E45M M6-4
E45M 6-2	3/8	1/8	28.2	9.6	19.3	4.8	17	17	20.6	18.3	10	1/8	E45M M10-2
E45M 6-4	3/8	1/4	28.2	14.2	19.3	7.1	17	17	20.6	22.8	10	1/4	E45M M10-4
E45M 6-6	3/8	3/8	29.4	14.2	19.3	7.1	22	17	21.8	24.1	10	3/8	E45M M10-6
E45M 8-6	1/2	3/8	32.2	14.2	21.8	9.6	22	22	21.8	24.1	12	3/8	E45M M12-6

RACCORDERIA A COMPRESSIONE A DOPPIA OGIVA
TWIN FERRULE COMPRESSION FITTINGS

Modello
Model

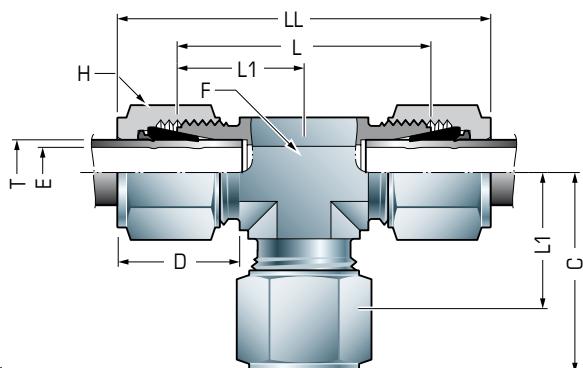
S-LOK



"T" intermedio
Union Tee

Tipo
Type

UT

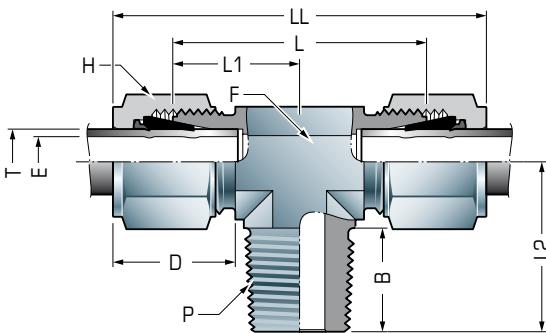


Tubo in pollici Imperial tube			Tubo metrico Metric tube								
Codice Code	tubo tube T	LL	C	D	Min. Open E	F	H	L	L1	tubo tube T	Codice Code
UT 1	1/16	35.6	17.8	11	1.3	10	8	28	14		
UT 2	1/8	45	22.3	15.2	2.3	10	12	31.5	15.7		
UT 3	3/16	49	24.4	16	3	12	12	35.6	17.8		
UT 4	1/4	54.1	26.9	17.8	4.8	12	14	39	19.5	6	UT M6
UT 5	5/16	59.7	29.7	18.5	6.3	17	17	44.7	22.3	8	UT M8
UT 6	3/8	61.2	30.5	19.3	7.1	17	17	46.2	23	10	UT M10
UT 8	1/2	72.4	35.6	21.8	10.4	22	22	51.8	25.9	12	UT M12
UT 10	5/8	78	38.8	21.8	12.7	25	25	57.5	28.7	16	UT M16
UT 12	3/4	80	39.9	21.8	15.7	27	30	59.4	29.7		
UT 14	7/8	89.6	44.7	21.8	18.3	36	32	69	34.5		
UT 16	1	98.3	49	26.4	22.3	36	38	73.7	35.6		

"T" derivato maschio
Male branch tee

Tipo
Type

BTM



Tubo in pollici Imperial tube			Tubo metrico Metric tube											
Codice Code	tubo tube T	filett. thrd. P	LL	B	D	Min. Open E	F	H	L	L1	L2	tubo tube T	filett. thrd. P	Codice Code
BTM 2-2	1/8	1/8	47.5	9.6	15.2	2.3	12	12	34	17	17.8			
BTM 2-4	1/8	1/4	49.5	14.2	15.2	2.3	12	12	35.6	18	23.4			
BTM 3-2	3/16	1/8	49	9.6	16	3	12	12	35.6	17.8	17.8			
BTM 4-2	1/4	1/8	54.1	9.6	17.8	4.8	12	14	39	19.5	18.8	6	1/8	BTM M6-2
BTM 4-4	1/4	1/4	54.1	14.2	17.8	4.8	12	14	39	19.5	23.4	6	1/4	BTM M6-4
BTM 5-2	5/16	1/8	59.7	9.6	18.5	4.8	17	17	44.7	22.3	20.8	8	1/8	BTM M8-2
BTM 6-4	3/8	1/4	61.2	14.2	19.3	7.1	17	17	46.2	23	25.4	10	1/4	BTM M10-4
BTM 6-6	3/8	3/8	66.8	14.2	19.3	7.1	22	17	51.8	25.9	28.2	10	3/8	BTM M10-6
BTM 8-6	1/2	3/8	72.4	14.2	21.8	9.6	22	7/8	51.8	25.9	28.2	12	3/8	BTM M12-6
BTM 8-8	1/2	1/2	72.4	19	21.8	10.4	22	7/8	51.8	25.9	33	12	1/2	BTM M12-8
BTM 10-8	5/8	1/2	78	19	21.8	12	25	25	57.5	28.7	35.6	16	1/2	BTM M16-8
BTM 12-12	3/4	3/4	80	19	21.8	15.7	27	30	59.4	29.7	35.6			

RACCORDERIA A COMPRESSIONE A DOPPIA OGIVA
TWIN FERRULE COMPRESSION FITTINGS

Modello
Model

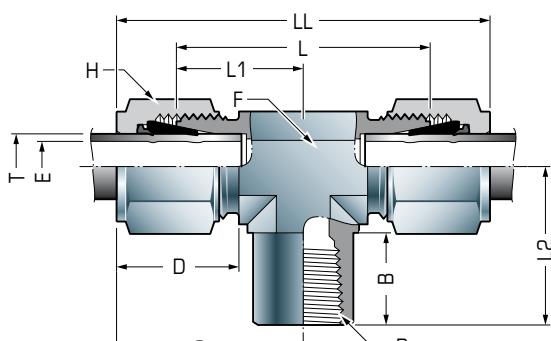
S-LOK



"T" derivato femmina
Female branch tee

Tipo
Type

BTF



Tubo in pollici Imperial tube					Tubo metrico Metric tube										
Codice Code	tubo tube T	filett. thrd. P	LL	C	B	D	Min. Open E	F	H	L	L1	L2	tubo tube T	filett. thrd. P	Codice Code
BTF 2-2	1/8	1/8	49.5	24.6	10.4	15.2	2.3	12	12	35.6	18	19			
BTF 4-2	1/4	1/8	54.1	25.4	10.4	17.8	4.8	12	14	39	19.5	19	6	1/8	BTF M6-2
BTF 4-4	1/4	1/4	59.7	29.7	14.9	17.8	4.8	17	14	44.7	23.3	23.3	6	1/4	BTF M6-4
BTF 6-4	3/8	1/4	62.7	31.2	14.9	19.3	7.1	17	17	47.7	23.8	23.3	10	1/4	BTF M10-4
BTF 8-6	1/2	3/8	72.4	35.6	14.9	21.8	10.4	22	22	51.8	25.4	23.3	12	3/8	BTF M12-6
BTF 8-4	1/2	1/4	72.4	35.6	14.9	21.8	10.4	22	22	51.8	25.4	23.3	12	1/4	BTF M12-4
BTF 8-8	1/2	1/2	78	38.8	19.8	21.8	10.4	25	22	57.5	28.7	28.5	12	1/2	BTF M12-8
BTF 10-8	5/8	1/2	78	38.8	19.8	21.8	12.7	25	25	57.5	28.7	28.5	16	1/2	BTF M16-8
BTF 12-12	3/4	3/4	89.6	44.7	20.6	21.8	15.7	36	30	69	34.5	31.7			
BTF 16-16	1	1	107	53.6	25.4	26.4	23.3	27	38	82.8	41.4	38			
BTF 16-12	1	3/4	98.3	49	20.6	26.4	23.3	36	38	73.7	35.6	31.7			

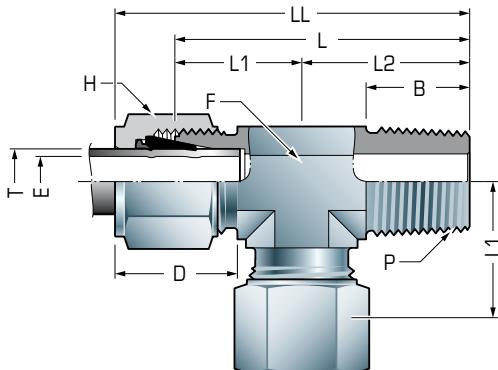
Sezione
Section

2

"T" terminale maschio
Male run tee

Tipo
Type

RTM



Tubo in pollici Imperial tube					Tubo metrico Metric tube									
Codice Code	tubo tube T	filett. thrd. P	LL	B	D	Min. Open E	F	H	L	L1	L2	tubo tube T	filett. thrd. P	Codice Code
RTM 2-2	1/8	1/8	41.6	9.6	15.2	2.3	12	12	34.8	17	17.8			
RTM 2-4	1/8	1/4	48.3	14.2	15.2	2.3	12	12	41.4	18	23.4			
RTM 3-2	3/16	1/8	42.4	9.6	16	3	12	12	35.6	17.8	17.8			
RTM 4-2	1/4	1/8	46	9.6	17.8	4.8	12	14	38.4	19.5	18.8	6	1/8	RTM M6-2
RTM 4-4	1/4	1/4	50.5	14.2	17.8	4.8	17	14	42.9	19.5	23.4	6	1/4	RTM M6-4
RTM 5-2	5/16	1/8	51	9.6	18.5	4.8	17	17	43.2	22.3	20.8	8	1/8	RTM M8-2
RTM 6-4	3/8	1/4	56.1	14.2	19.3	7.1	17	17	48.5	23	25.4	10	1/4	RTM M10-4
RTM 6-6	3/8	3/8	61.7	14.2	19.3	7.1	22	17	54.1	25.9	28.2	10	3/8	RTM M10-6
RTM 8-6	1/2	3/8	64.5	14.2	21.8	9.6	22	22	54.1	25.9	28.2	12	3/8	RTM M12-6
RTM 8-8	1/2	1/2	69.3	19	21.8	10.4	22	22	58.9	25.9	33	12	1/2	RTM M12-8
RTM 10-8	5/8	1/2	73.4	19	21.8	12	24	25	63	28	35	16	1/2	RTM M16-8
RTM 12-12	3/4	3/4	77	19	21.8	15.7	27	30	66.5	29.7	35.6			

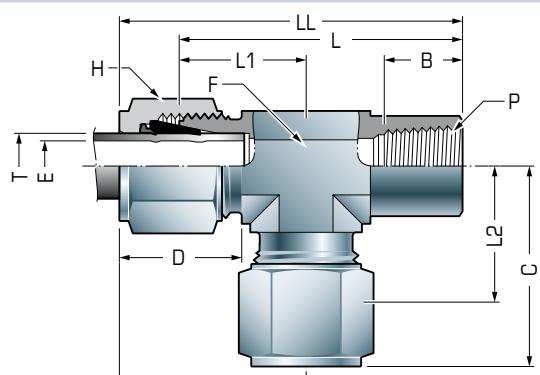
RACCORDERIA A COMPRESSIONE A DOPPIA OGIVA
TWIN FERRULE COMPRESSION FITTINGS

Modello
Model

S-LOK



"T" terminale femmina
Female run tee

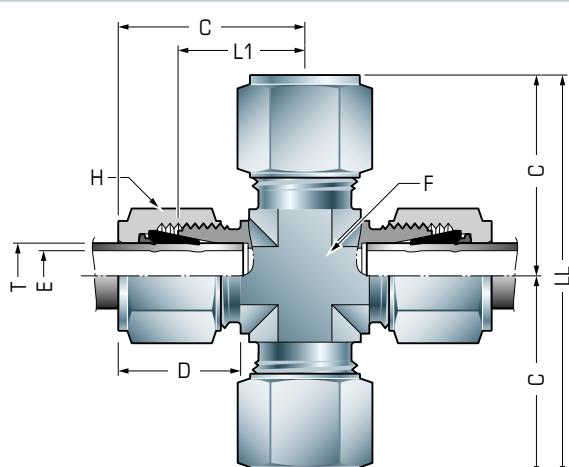


Tipo
Type

RTF

Tubo in pollici Imperial tube				Tubo metrico Metric tube											
Codice Code	tubo tube T	filett. thrd. P	LL	C	B	D	Min. Open E	F	H	L	L1	L2	tubo tube T	filett. thrd. P	Codice Code
RTF 2-2	1/8	1/8	43.9	24.6	10.4	15.2	2.3	12	12	37.1	18	19			
RTF 4-2	1/4	1/8	46.2	26.9	10.4	17.8	4.8	12	14	38.6	19.5	19	6	1/8	RTF M6-2
RTF 4-4	1/4	1/4	52.3	29.7	14.9	17.8	4.8	17	14	44.7	22.3	22.3	6	1/4	RTF M6-4
RTF 6-4	3/8	1/4	53.8	31.2	14.9	19.3	7.1	17	17	46.2	23.8	22.3	10	1/4	RTF M10-4
RTF 8-6	1/2	3/8	58.7	35.6	14.9	21.8	10.4	22	22	48.3	25.9	22.3	12	3/8	RTF M12-6
RTF 8-8	1/2	1/2	68.6	39.9	19.8	21.8	10.4	27	22	58.1	29.7	28.5	12	1/2	RTF M12-8
RTF 12-12	3/4	3/4	76.7	44.7	20.6	21.8	15.7	36	30	66.3	34.5	31.7			

Intermedio a croce
Union cross



Tipo
Type

UC

Tubo in pollici Imperial tube				Tubo metrico Metric tube						Codice Code	
Codice Code	tubo tube T	LL	C	D	Min. Open E	F	H	L1	tubo tube T	Codice Code	
UC 2	1/8	45	22.3	15.2	2.3	10	12	15.7			
UC 4	1/4	54.1	26.2	17.8	4.8	12	14	19.5	6		UC M6
UC 5	5/16	59.7	29.7	18.5	6.3	17	5/8	22.3	8		UC M8
UC 6	3/8	61.2	30.5	19.3	7.1	17	17	23	10		UC M10
UC 8	1/2	72.4	35.6	21.8	10.4	22	22	25.9	12		UC M12
UC 12	3/4	80	38.4	21.8	15.7	27	30	28.2			
UC 16	1	98.3	46.7	26.4	22.3	36	38	34.5			

RACCORDERIA A COMPRESSIONE A DOPPIA OGIVA
TWIN FERRULE COMPRESSION FITTINGS

Modello
Model

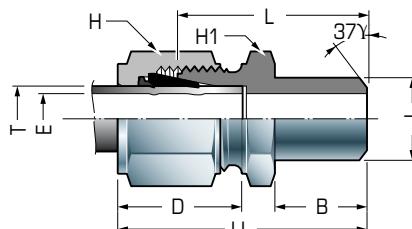
S-LOK



Connettore a saldare di testa
Buttweld connector

Tipo
Type

CB



Tubo in pollici Imperial tube				Tubo metrico Metric tube									
Codice Code	tubo tube T	butt pipe size	LL	B	D	Min. Open E	H1	H	L	J	tubo tube T	butt pipe size	Codice Code
CB 2-1/8	1/8	1/8	30.7	9.6	15.2	2.3	12	12	23.8	10.3			
CB 3-1/8	3/16	1/8	31.5	9.6	16	3	12	12	24.6	10.3			
CB 4-1/8	1/4	1/8	33	9.6	17.8	4.8	12	14	25.4	10.3			
CB 4-1/4	1/4	1/4	38	14.2	17.8	4.8	14	14	30.5	13.7	6	1/4	CB M6-1/4
CB 5-1/8	5/16	1/8	34.3	9.6	18.5	5	14	17	25.4	10.3			
CB 5-1/4	5/16	1/4	38.8	14.2	18.5	6.3	14	17	31.2	13.7	8	1/4	CB M8-1/4
CB 6-1/4	3/8	1/4	40	14.2	19.3	7.1	17	17	32.5	13.7	10	1/4	CB M10-1/4
CB 6-3/8	3/8	3/8	40	14.2	19.3	7.1	17	17	32.5	17.1	10	3/8	CB M10-3/8
CB 6-1/2	3/8	1/2	46.5	19	19.3	7.1	22	17	38.8	21.3	10	1/2	CB M10-1/2
CB 8-3/8	1/2	3/8	43.5	14.2	21.8	10.4	22	22	33.3	17.2	12	3/8	CB M12-3/8
CB 8-1/2	1/2	1/2	49	19	21.8	10.4	22	22	38.8	21.3	12	1/2	CB M12-1/2
CB 8-3/4	1/2	3/4	51	19	21.8	10.4	27	22	40.4	26.7			
CB 10-1/2	5/8	1/2	49	19	21.8	12.7	24	25	38.8	21.3	16	1/2	CB M16-1/2
CB 12-3/4	3/4	3/4	51	19	21.8	15.7	27	30	40.4	26.7			
CB 16-1	1	1	62.5	23.8	26.4	23.3	36	38	50	33.4			

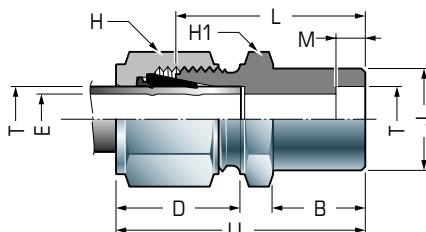
Sezione
Section

2

Connettore dritto tasca a saldare
Socket weld connector

Tipo
Type

CW



Tubo in pollici Imperial tube				Tubo metrico Metric tube								
Codice Code	tubo tube T	LL	B	M	D	Min. Open E	H1	H	L	J	tubo tube T	Codice Code
CW 2	1/8	29.2	8.6	6.3	15.2	2.3	12	12	22.3	7.9		
CW 4	1/4	33.8	10.4	7.9	17.8	4.8	12	14	26.2	11.2	6	CW M6
CW 6	3/8	35.6	12	9.6	19.3	7.1	17	17	30.2	15.7	10	CW M10
CW 8	1/2	41.4	12	12.7	21.8	10.4	22	22	31	19	12	CW M12
CW 12	3/4	43.5	12	14.2	21.8	15.7	27	30	33.3	26.7		
CW 16	1	52.8	14.2	19	26.4	22.3	36	38	40.4	33.4		

RACCORDERIA A COMPRESSIONE A DOPPIA OGIVA
TWIN FERRULE COMPRESSION FITTINGS

Modello
Model

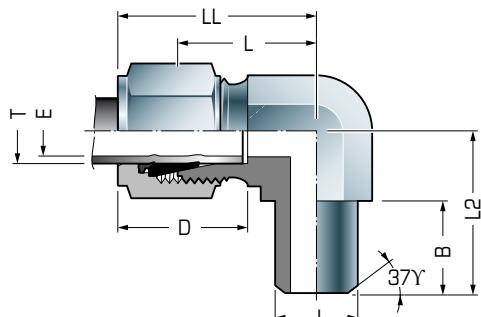
S-LOK



Connettore a gomito a saldare di testa
Buttweld elbow

Tipo
Type

EB

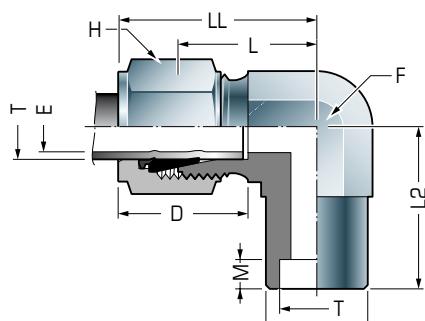


Tubo in pollici Imperial tube			Tubo metrico Metric tube											
Codice Code	tubo tube T	butt pipe size	LL	B	D	Min. Open E	F	H	L	L2	J	tubo tube T	butt pipe size	Codice Code
EB 4-1/8	1/4	1/8	25.4	9.6	17.8	4.8	12	14	19.5	18.8	10.3			
EB 4-1/4	1/4	1/4	25.4	14.2	17.8	4.8	12	14	19.5	23.4	13.7	6	1/4	EB M6-1/4
EB 6-1/4	3/8	1/4	30.7	14.2	19.3	7.1	17	17	23	25.4	13.7	10	1/4	EB M10-1/4
EB 8-1/2	1/2	1/2	35.6	19	21.8	10.4	22	22	25.4	33	21.3	12	1/2	EB M12-1/2
EB 12-3/4	3/4	3/4	40	19	21.8	15.7	27	30	29.7	25.6	26.7			

Connettore a gomito tasca a saldare
Socket weld elbow

Tipo
Type

EW



Tubo in pollici Imperial tube			Tubo metrico Metric tube									
Codice Code	tubo tube T	LL	M	D	Min. Open E	F	H	L	L2	J	tubo tube T	Codice Code
EW 4	1/4	27.2	7.9	17.8	4.8	12	14	19.5	19.5	12.7	6	EW M6
EW 6	3/8	30.7	9.6	19.3	7.1	17	17	23	23	15.7	10	EW M10
EW 8	1/2	35.6	12.7	21.8	10.4	22	22	25.9	25.9	20.6	12	EW M12

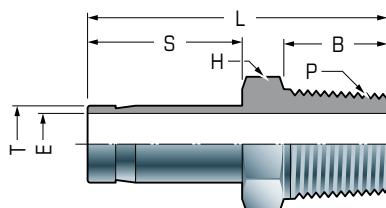
RACCORDERIA A COMPRESSIONE A DOPPIA OGIVA
TWIN FERRULE COMPRESSION FITTINGS

Modello
Model

S-LOK



Adattatore maschio
Male adaptor



Tipo
Type

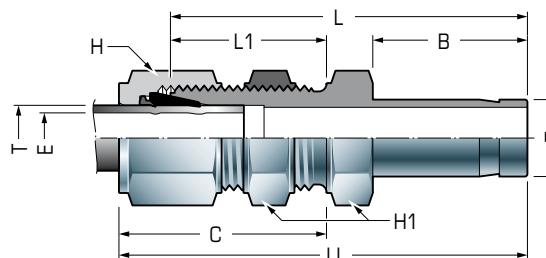
AM

Tubo in pollici Imperial tube				Tubo metrico Metric tube						
Codice Code	tubo tube T	filett. thrd. P	Min. Open E	H	S	L	B	tubo tube T	filett. thrd. P	Codice Code
AM 2-2	1/8	1/8	4.6	12	13.5	28.5	9.6			
AM 2-4	1/8	1/4	7.1	14	13.5	33.3	14.2			
AM 3-2	3/16	1/8	4.6	12	14.2	29.2	9.6			
AM 3-4	3/16	1/4	7.1	14	14.2	34	14.2			
AM 4-2	1/4	1/8	4.6	12	15.7	30.7	9.6	6	1/8	AM M6-2
AM 4-4	1/4	1/4	4.6	14	15.7	35.6	14.2	6	1/4	AM M6-4
AM 4-6	1/4	3/8	4.6	17	15.7	35.6	14.2	6	3/8	AM M6-6
AM 4-8	1/4	1/2	4.6	22	15.7	41.9	19	6	1/2	AM M6-8
AM 5-2	5/16	1/8	4.6	12	16.5	31.7	9.6	8	1/8	AM M8-2
AM 5-4	5/16	1/4	6.3	14	16.5	35.6	14.2	8	1/4	AM M8-4
AM 6-2	3/8	1/8	4.6	12	17.3	33.3	9.6	10	1/8	AM M10-2
AM 6-4	3/8	1/4	7.1	14	17.3	38	14.2	10	1/4	AM M10-4
AM 6-6	3/8	3/8	7.1	17	17.3	38	14.2	10	3/8	AM M10-6
AM 6-8	3/8	1/2	7.1	22	17.3	43.4	19	10	1/2	AM M10-8
AM 8-4	1/2	1/4	7.1	14	22.8	43.4	14.2	12	1.4	AM M12-4
AM 8-6	1/2	3/8	10	17	22.8	44.5	14.2	12	3/8	AM M12-6
AM 8-8	1/2	1/2	10	22	22.8	49	19	12	1/2	AM M12-8
AM 10-6	5/8	3/8	10.1	17	24.4	46	14.2	16	3/8	AM M16-6
AM 10-8	5/8	1/2	12.7	22	24.4	51	19	16	1/2	AM M16-8
AM 10-12	5/8	3/4	15.7	27	24.4	51.5	19	16	3/4	AM M16-12
AM 12-8	3/4	1/2	12.7	22	24.4	51	19			
AM 12-12	3/4	3/4	14.9	27	24.4	51.5	19			
AM 12-16	3/4	1	14.9	36	24.4	57.9	23.8			
AM 14-12	7/8	3/4	17.3	27	25.4	53	19			
AM 16-12	1	3/4	18	27	30.7	57.9	19			
AM 16-16	1	1	20	36	30.7	65	23.8			

Sezione
Section

2

Adattatore passaparete
Bulkhead adaptor



Tipo
Type

BA

Tubo in pollici Imperial tube				Tubo metrico Metric tube							
Codice Code	tubo tube T	LL	C	B	Min. Open E	H1	H	L	L1	tubo tube T	Codice Code
BA 2	1/8	49.8	31.2	13.5	2	12	12	42.9	24.6		
BA 4	1/4	56.1	33.5	15.7	4.8	17	14	48.5	26.2	6	BA M6
BA 6	3/8	61.5	35.6	17.5	7.1	19	17	53.8	29.4	10	BA M10
BA 8	1/2	73.1	41.9	23	10	24	22	62.7	31.7	12	BA M12

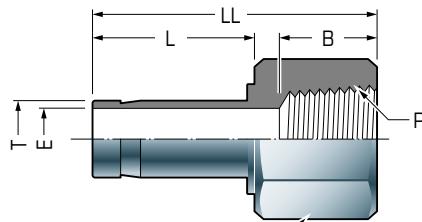
RACCORDERIA A COMPRESSIONE A DOPPIA OGIVA
TWIN FERRULE COMPRESSION FITTINGS

Modello
Model

S-LOK



Adattatore femmina
Female adaptor

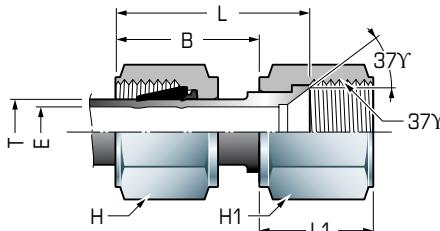


Tipo
Type

AF

Tubo in pollici Imperial tube				Tubo metrico Metric tube						
Codice Code	tubo tube T	filett. thrd. P	Min. Open E	H	L	LL	B	tubo tube T	filett. thrd. P	Codice Code
AF 2-2	1/8	1/8	1.8	14	13.5	31.2	10			
AF 2-4	1/8	1/4	1.8	19	13.5	34	14.9			
AF 3-2	3/16	1/8	3	14	14.2	32	10			
AF 3-4	3/16	1/4	3	19	14.2	34.8	14.9			
AF 4-2	1/4	1/8	4.6	14	15.7	33.5	10	6	1/8	AF M6-2
AF 4-4	1/4	1/4	4.6	19	15.7	35.6	14.9	6	1/4	AF M6-4
AF 4-6	1/4	3/8	4.6	22	15.7	39.6	14.9	6	3/8	AF M6-6
AF 4-8	1/4	1/2	4.6	27	15.7	35.6	19.8	6	1/2	AF M6-8
AF 5-2	5/16	1/8	6.3	14	16.5	34.3	10	8	1/8	AF M8-2
AF 5-4	5/16	1/4	6.3	19	16.5	35.6	14.9	8	1/4	AF M8-4
AF 6-2	3/8	1/8	7.1	14	17.3	35.3	10	10	1/8	AF M10-2
AF 6-4	3/8	1/4	7.1	19	17.3	38	14.9	10	1/4	AF M10-4
AF 6-6	3/8	3/8	7.1	22	17.3	41.1	14.9	10	3/8	AF M10-6
AF 6-8	3/8	1/2	7.1	27	17.3	46.7	19.8	10	1/2	AF M10-8
AF 8-4	1/2	1/4	10	19	22.8	43.4	14.9	12	1/4	AF M12-4
AF 8-6	1/2	3/8	10	22	22.8	46.7	14.9	12	3/8	AF M12-6
AF 8-8	1/2	1/2	10	27	22.8	52.3	19.8	12	1/2	AF M12-8
AF 10-6	5/8	3/8	12.7	22	24.4	48.3	14.9	16	3/8	AF M16-6
AF 10-8	5/8	1/2	12.7	27	24.4	53.8	19.8	16	1/2	AF M16-8
AF 10-12	5/8	3/4	12.7	32	24.4	55.4	20.6	16	3/4	AF M16-12
AF 12-8	3/4	1/2	14.9	27	24.4	53.8	19.8			
AF 12-12	3/4	3/4	14.9	32	24.4	55.4	20.6			
AF 12-16	3/4	1	14.9	41	24.4	62.5	25.4			
AF 14-12	7/8	3/4	17.3	32	25.4	57.1	20.6			
AF 16-12	1	3/4	24.1	32	30.7	61.7	20.6			
AF 16-16	1	1	24.1	41	30.7	68.8	25.4			

Adattatore S-LOK - 37°
Adaptor S-LOK - 37°



Tipo
Type

AA

Tubo in pollici Imperial tube				Tubo metrico Metric tube						
Codice Code	tubo tube T	tubo tube 37°	B	H	H1	L	L1	tubo tube T	tubo tube 37°	Codice Code
AA 2-2	1/8	1/8	13.5	12	10	18.5	13.7			
AA 2-4	1/8	1/4	13.5	12	14	19	15.7			
AA 4-4	1/4	1/4	15.7	14	14	23.8	15.7	6	6	AA M6-M6
AA 6-6	3/8	3/8	17.5	17	17	25	18.3	10	10	AA M10-M10
AA 8-8	1/2	1/2	23	22	22	31.7	21.6	12	12	AA M12-M12

RACCORDERIA A COMPRESSIONE A DOPPIA OGIVA
TWIN FERRULE COMPRESSION FITTINGS

Modello
Model

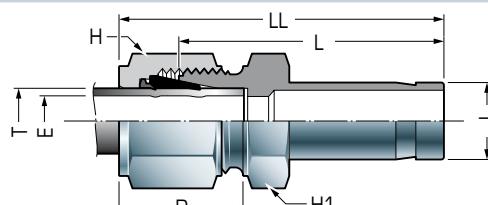
S-LOK



Sezione
Section

2

Riduzione
Reducer

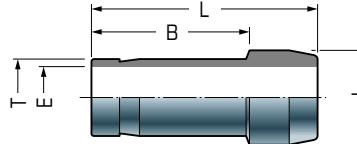


Tipo
Type

R

Tubo in pollici Imperial tube				Tubo metrico Metric tube							
Codice Code	tubo tube T	tubo tube J	LL	D	Min. Open E	H1	H	L	tubo tube T	tubo tube J	Codice Code
R 1-2	1/16	1/8	29.4	11	1.3	8	8	25.4			
R 1-4	1/16	1/4	31.7	11	1.3	8	8	27.7			
R 2-1	1/8	1/16	29.2	15.2	0.8	12	12	22.3			
R 2-2	1/8	1/8	33.8	15.2	2	12	12	26.9			
R 2-3	1/8	3/16	34.5	15.2	2.3	12	12	27.7			
R 2-4	1/8	1/4	35.6	15.2	2.3	12	12	29.4			
R 2-6	1/8	3/8	35.6	15.2	2.3	12	12	31			
R 2-8	1/8	1/2	44.5	15.2	2.3	14	12	35.6			
R 3-2	3/16	1/8	35	16	2	12	12	28.2			
R 3-4	3/16	1/4	35.6	16	3	12	12	30.5			
R 4-2	1/4	1/8	35.6	17.8	2	12	14	29.4			
R 4-3	1/4	3/16	35.6	17.8	3	12	14	30.2			
R 4-4	1/4	1/4	39.4	17.8	4.8	12	14	31.7	6	6	R M6-M6
R 4-5	1/4	5/16	40	17.8	4.8	12	14	32.5	6	8	R M6-M8
R 4-6	1/4	3/8	40.9	17.8	4.8	12	14	33.3	6	10	R M6-M10
R 4-8	1/4	1/2	46.5	17.8	4.8	14	14	38.8	6	12	R M6-M12
R 4-10	1/4	5/8	48.3	17.8	4.8	17	14	40.6	6	16	R M6-M16
R 4-12	1/4	3/4	48	17.8	4.8	22	14	40.4			
R 5-6	5/16	3/8	42.1	18.5	6.3	14	17	34.5	8	10	R M8-M10
R 5-8	5/16	1/2	47.7	18.5	6.3	14	17	40	8	12	R M8-M12
R 6-4	3/8	1/4	41.6	19.3	4.8	17	17	34	10	6	R M10-M6
R 6-6	3/8	3/8	43.4	19.3	7.1	17	17	35.6	10	10	R M10-M10
R 6-8	3/8	1/2	48.7	19.3	7.1	17	17	41.1	10	12	R M10-M12
R 6-10	3/8	5/8	50.5	19.3	7.1	17	17	42.9	10	16	R M10-M16
R 6-12	3/8	3/4	50.5	19.3	7.1	22	17	42.9			
R 8-4	1/2	1/4	45.2	21.8	4.8	22	22	34.8	12	6	R M12-M6
R 8-6	1/2	3/8	47	21.8	7.1	22	22	35.6	12	10	R M12-M10
R 8-8	1/2	1/2	52.6	21.8	10	22	22	42.1	12	12	R M12-M12
R 8-10	1/2	5/8	54.1	21.8	10.4	22	22	43.5	12	16	R M12-M16
R 8-12	1/2	3/4	54.1	21.8	10.4	22	22	43.5			
R 8-16	1/2	1	64.4	21.8	10.4	27	22	50			
R 10-12	5/8	3/4	54.8	21.8	12.7	24	25	44.5			
R 10-14	5/8	7/8	56.4	21.8	12.7	24	25	46			
R 10-16	5/8	1	61.2	21.8	12.7	27	25	51			
R 12-8	3/4	1/2	54.8	21.8	10	27	30	44.5			
R 12-16	3/4	1	62.7	21.8	15.7	27	30	52.3			

Inserto di collegamento
Port connector



Tipo
Type

PC

Tubo in pollici Imperial tube				Tubo metrico Metric tube				Codice Code
Codice Code	tubo tube T	B	E	L	J	tubo tube T	Codice Code	
PC 1	1/16	10.6	0.8	14	3.3			
PC 2	1/8	15.7	2.3	22.6	6			
PC 4	1/4	18.8	4.8	25	9.4	6	PC M6	
PC 5	5/16	20	6.3	26.2	11	8	PC M8	
PC 6	3/8	20.3	7.6	26.4	12.7	10	PC M10	
PC 8	1/2	25.9	10	35.6	15.7	12	PC M12	
PC 12	3/4	27.7	15	35.6	22			
PC 16	1	34.5	20.3	48.3	28.5			

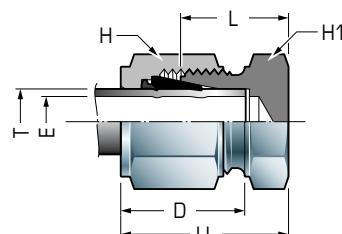
RACCORDERIA A COMPRESSIONE A DOPPIA OGIVA
TWIN FERRULE COMPRESSION FITTINGS

Modello
Model

S-LOK



Tappo per tubo
Cap for tube

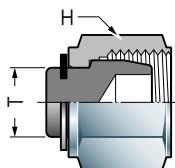


Tipo
Type

C

Tubo in pollici Imperial tube		Tubo metrico Metric tube						
Codice Code	tubo tube T	LL	D	H1	H	L	tubo tube T	Codice Code
C 1	1/16	15.2	11	8	8	11.2		
C 2	1/8	20.3	15.2	12	12	13.5		
C 3	3/16	21.6	16	12	12	14.7		
C 4	1/4	23.6	17.8	12	14	16	6	C M6
C 5	5/16	24.6	18.5	14	17	17	8	C M8
C 6	3/8	25.4	19.3	17	17	18.3	10	C M10
C 8	1/2	29.4	21.8	22	22	19	12	C M12
C 10	5/8	30.2	21.8	22	25	19.8	16	C M16
C 12	3/4	31.7	21.8	27	30	21.3		
C 14	7/8	34.3	21.8	30	32	23.8		
C 16	1	38.6	26.4	36	38	26.2		

Tappo per raccordo
Plug for fitting



Tipo
Type

P

Tubo in pollici Imperial tube		Tubo metrico Metric tube	
Codice Code	tubo tube T	H	tubo tube T
P 1	1/16	8	
P 2	1/8	12	
P 3	3/16	12	
P 4	1/4	14	6
P 5	5/16	17	8
P 6	3/8	17	10
P 8	1/2	22	12
P 10	5/8	25	16
P 12	3/4	30	
P 16	1	38	

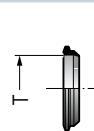
RACCORDERIA A COMPRESSIONE A DOPPIA OGIVA
TWIN FERRULE COMPRESSION FITTINGS

Modello
Model

S-LOK

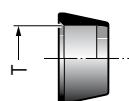


Anello posteriore
Back ferrule



FB

Anello anteriore
Front ferrule

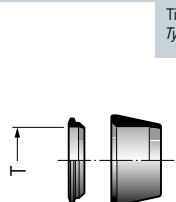


FF

Tubo in pollici Imperial tube		Tubo metrico Metric tube		Codice Code
Codice Code	tubo tube T	tubo tube T	Codice Code	
FB 1	1/16			
FB 2	1/8			
FB 3	3/16			
FB 4	1/4	6	FB M6	
FB 5	5/16	8	FB M8	
FB 6	3/8	10	FB M10	
FB 8	1/2	12	FB M12	
FB 10	5/8	16	FB M16	
FB 12	3/4			
FB 14	7/8			
FB 16	1			

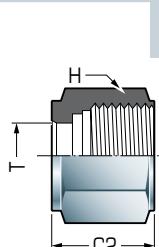
Tubo in pollici Imperial tube		Tubo metrico Metric tube		Codice Code
Codice Code	tubo tube T	tubo tube T	Codice Code	
FF 1	1/16			
FF 2	1/8			
FF 3	3/16			
FF 4	1/4	6	FF M6	
FF 5	5/16	8	FF M8	
FF 6	3/8	10	FF M10	
FF 8	1/2	12	FF M12	
FF 10	5/8	16	FF M16	
FF 12	3/4			
FF 14	7/8			
FF 16	1			

Set di ogive
Ferrule set



FS

Dado
Nut



N

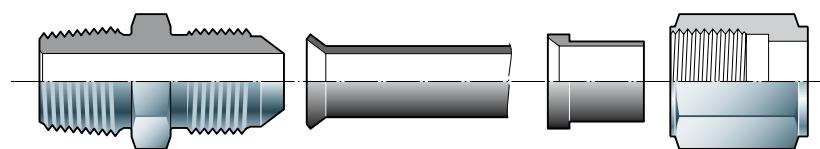
Tubo in pollici Imperial tube		Tubo metrico Metric tube		Codice Code
Codice Code	tubo tube T	tubo tube T	Codice Code	
FS 1	1/16			
FS 2	1/8			
FS 3	3/16			
FS 4	1/4	6	FS M6	
FS 5	5/16	8	FS M8	
FS 6	3/8	10	FS M10	
FS 8	1/2	12	FS M12	
FS 10	5/8	16	FS M16	
FS 12	3/4			
FS 14	7/8			
FS 16	1			

Tubo in pollici Imperial tube		Tubo metrico Metric tube		Codice Code
Codice Code	tubo tube T	H	L	
N 1	1/16	8	7.9	
N 2	1/8	12	12	
N 3	3/16	12	12	
N 4	1/4	14	12.7	6
N 5	5/16	17	13.5	8
N 6	3/8	17	14.2	10
N 8	1/2	22	17.5	12
N 10	5/8	25	17.5	16
N 12	3/4	30	17.5	
N 14	7/8	32	17.5	
N 16	1	38	20.6	

Sezione
Section

2

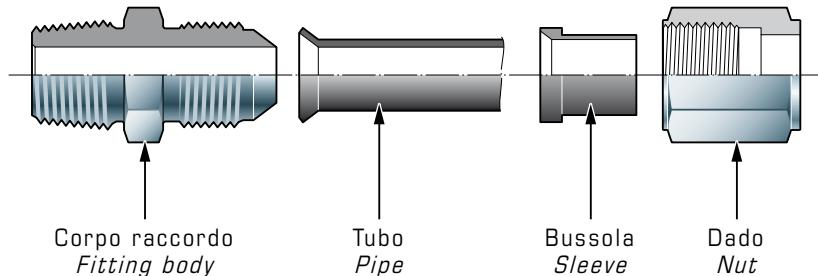
RACCORDERIA A COMPRESSIONE A 37°
37° COMPRESSION FITTINGS



Sezione
Section

3

I dati riportati nel seguente catalogo non sono impegnativi. SIMER si riserva di modificare i dati in qualsiasi momento.
SIMER reserves the right to amend the data contained within this catalogue at any time.



Normative

SAE J514

Il raccordo tipo 37° soddisfa completamente i requisiti dello standard SAE

ASME

Il raccordo tipo 37° soddisfa completamente le specifiche definite dalla ASME per le tubazioni sotto pressione

Caratteristiche

Il raccordo tipo 37° è un raccordo ad alta sicurezza a montaggio meccanico destinato alla canalizzazione su tubo in acciaio inossidabile trafiletto senza saldature.

E' un raccordo per tubi svasati a entrata conica di 37° composto da 3 pezzi :

Corpo raccordo, dado e bussola.

Il tubo svasato viene chiuso sul suo stesso spessore tra le parti coniche del corpo e della bussola.

La tenuta stagna e l'ancoraggio sono ottenuti meccanicamente senza deformazione del pezzo.

La bussola è autocentrante, un gioco sufficiente tra il dado e il tubo garantisce un allineamento corretto fra svasature bussola e cono del corpo e viene quindi utilizzata come anello di bloccaggio e supporto del tubo.

La pressione di scoppio del raccordo è di gran lunga superiore rispetto a quella del tubo cui viene collegato.

Approvals

SAE J514

Fitting type 37° conform fully with standard SAE

ASME

Fitting type 37° conform fully with ASME specification for pipe working pressure

Features

The fittings type 37° are a very safe system for mechanical assembly of stainless steel seamless piping.

The fitting, designed for use with 37° flared pipe, consist of three parts:

Fitting body, nut and sleeve.

The flared end of the pipes is held between two cone shaped surfaces: body cone and sleeve.

The seal is simply formed by means of a mechanical operation without any part being deformed.

The sleeve is self-centring with a degree of clearance between the nut and the pipe which ensures the correct alignment between the sleeve flare and the body cone and is therefore used as a ring to hold and support the pipe.

The fitting bursting pressure is far higher than that of the pipe it is connected to.

RACCORDERIA A COMPRESSIONE A 37° 37° COMPRESSION FITTINGS

Modello
Model

37°



Caratteristiche

Lo stesso raccordo, col solo scambio delle bussole permette di raccordare sia tubi metrici sia tubi in frazioni di pollice di dimensione corrispondenti come dimostrato nel disegno qui sotto.

Questo scambio è possibile seguendo le corrispondenze qui di seguito descritte:

Tubo metrico 6 mm	-	Tubo in pollici 1/4
Tubo metrico 8 mm	-	Tubo in pollici 5/16
Tubo metrico 10 mm	-	Tubo in pollici 3/8
Tubo metrico 12 mm	-	Tubo in pollici 1/2
Tubo metrico 16 mm	-	Tubo in pollici 5/8

Esempio:

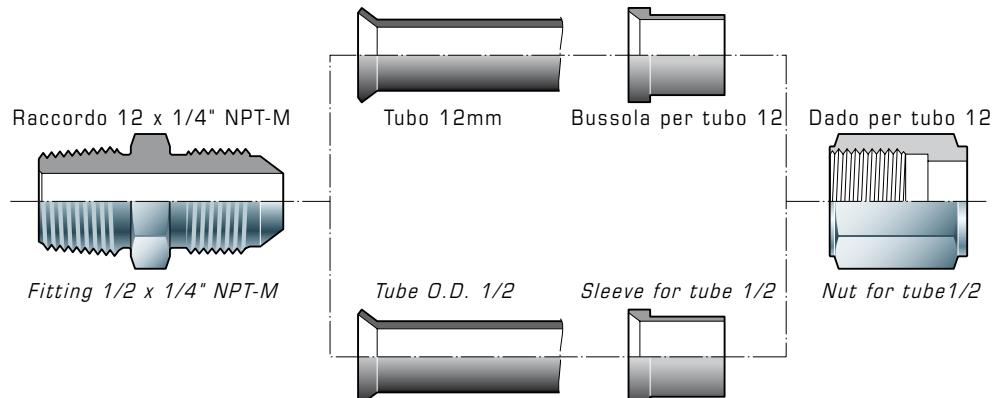
Features

The same fitting allows the junction as between metric tubes as between fractional inch tubes only with changing of the sleeves as the drawing below.

This exchange is possible following the correspondence below:

Metric tube 6 mm	-	Inch Tube 1/4
Metric tube 8 mm	-	Inch Tube 5/16
Metric tube 10 mm	-	Inch Tube 3/8
Metric tube 12 mm	-	Inch Tube 1/2
Metric tube 16 mm	-	Inch Tube 5/8

Example:



Pressioni di esercizio

I raccordi in acciaio inossidabile sono costruiti per sopportare una pressione di esercizio di 250 bar e collaudati alla pressione di 375 bar

Operating pressure

Stainless steel fittings are built so that they can operate up to a maximum pressure of 250 bar and tested at a pressure of 375 bar.

Sezione
Section

3

Materiali Material	Pressione di esercizio max. Max operating pressure	Pressione di prova Pressure test
Ottone	20 bar	35 bar
AISI 316	250 bar	375 bar
AISI 316L	250 bar	375 bar

Istruzioni di montaggio

Tubi:

Impiegare tubi in acciaio inossidabile trafiletti a freddo, ricotti e senza saldatura al fine di ottenere i migliori risultati nel centraggio e nella svasatura.

Verificare che il tubo sia esente da rugosità longitudinali interne. Tagliare il tubo con sega a dentatura fine o con una apposita apparecchiatura, assicurandosi che il taglio sia a squadra.

Togliere le sbavature con cura sia all'esterno sia all'interno.

Pulire bene le estremità del tubo (interno ed esterno).

Svasatura:

Posizionare il dado e poi la bussola sul tubo.

La parte aperta del dado e della bussola devono essere orientate a lato dell'estremità del tubo.

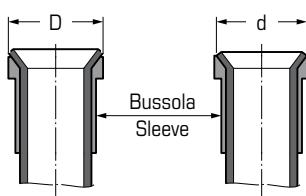
Svasare l'estremità del tubo per formare l'entrata conica di 37°.

Una svasatura correttamente eseguita fornirà un servizio duraturo e soddisfacente anche sotto condizioni d'impiego critico costante. Il diametro massimo della svasatura è uguale al diametro esterno della bussola.

Il diametro minimo della svasatura è uguale al diametro interno della bussola.

Se la svasatura del tubo è troppo corta, la totalità dell'entrata del raccordo non sarà sufficientemente utilizzata e la parete del tubo potrà essere schiacciata di fatto dall'insufficiente serraggio della superficie. In questo caso il collegamento ottenuto non offre la massima sicurezza contro le fughe.

Se le svasature del tubo sono troppo lunghe rischieranno di interferire con i filetti del dado col risultato di bloccarlo al momento del serraggio.



Per operare correttamente, la svasatura deve essere perpendicolare e concentrica al tubo ed alla bussola.

Gli errori di perpendicolarità e di concentricità sono imputabili ad un taglio non corretto del tubo od a una forma irregolare realizzata con l'ausilio di un utensile a svasare difettoso.

Fitting assembly

Tube:

To obtain the best self-centring and flare employ stainless steel cold seamless tube in annealed condition.

Verify that the tube is imperfect perpendicularity and concentricity free.

Tubes must be cut square with fine tooting and-saw or with proper device.

Burrs must be removed inside and outside of the tube.

Tube end must be clear (inside and outside).

Pipe flaring:

Place the nut and the sleeve on the tube.

Open side of nut and sleeve must be oriented towards tube end.

Flare tube end to form the 37° cone shaped entrance.

Flaring which has been done properly guarantees a longer and more satisfactory life even when subject to critical conditions over extended periods.

The maximum outside flaring diameter must be same as the outside sleeve diameter; while the minimum diameter must be the same as the sleeve's maximum inside diameter.

If the pipe flaring is too short, nearly all the fitting's contact surface will go unutilised.

There is therefore the risk that the pipe surface will be squashed owing to the inadequate contact surface.

In such cases maximum safety against leaks or the flare breaking is not guaranteed.

If the pipe flaring is too long, problems arise with the nut thread which will get jammed and thus prevent the fitting from being assembled properly.

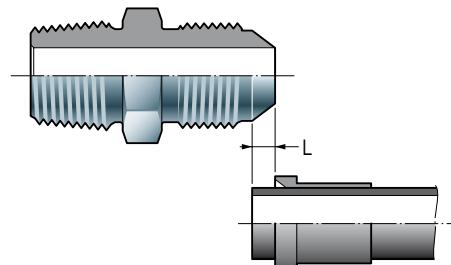
Diam. esterno mm	External diam. inch.	d (min.) mm	D (max.) mm
6	1/4	8	9.7
8	5/16	9.5	11.3
10	3/8	11.2	12.7
12	1/2	14.9	17.3
16	5/8	17.9	20.2

To function most efficiently, the flaring must be perpendicular and concentric with the pipe and bush.

Imperfect perpendicularity and concentricity could be the result of the pipe being cut incorrectly or an irregular formation caused by the cutting tool or deflective flaring.

Come calcolare la luncihezza del tubo

Quando si deve tagliare il tubo, bisogna prendere in considerazione un certo valore che deve venire successivamente sommato alla linea. Per determinare la lunghezza esatta della tubazione solitamente si aggiunge alla dimensione del tubo desiderata la lunghezza "L" che nel disegno rappresenta l'utilizzo di un cono di raccordo nella parte svasata del tubo. D'altra parte ciascuna svasatura assorbe una lunghezza del tubo da 0.5 a 1 mm a seconda dello spessore del tubo.

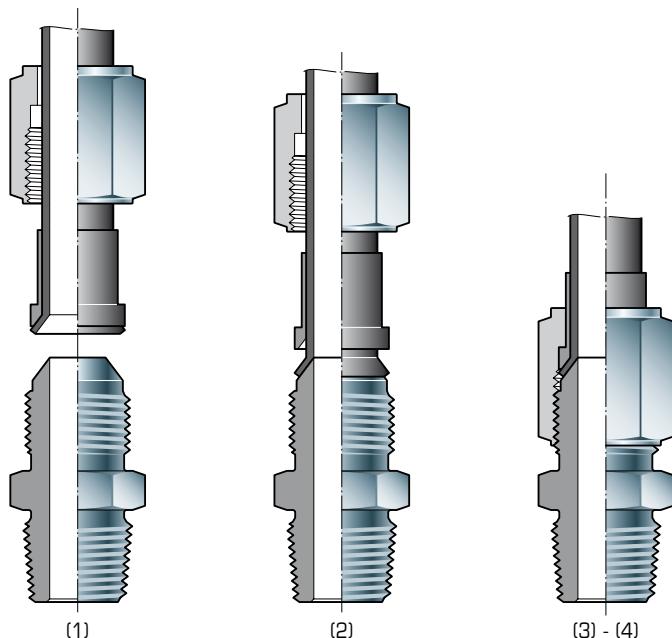


Assemblaggio dei raccordi

- 1) Accompagnare la bussola in contatto con il cono
- 2) Far avanzare il dado
- 3) Avvitare con la mano.
- 4) Stringere in seguito con la chiave per ottenere una giuntura metallo su metallo.

Il raccordo tipo 37° è facilmente smontabile, può essere smontato e rimontato numerose volte assicurando sempre un collegamento stabile senza particolari attenzioni.

Esempio di assemblaggio:



How calculate tube length

When the pipe needs to be cut, a certain length must be taken into account which must then be added to the length of the line. To establish how long this is, a length "L" representing the part of the fitting cone that enters the flared section of the pipe must be added to the required length of the pipe. Furthermore, each flaring requires a length of pipe between 0.5 and 1 mm; according to the width of the pipe itself.

Diam. esterno tubo mm	External tube diam. inch.	L mm
6	1/4	2
8	5/16	2
10	3/8	2
12	1/2	2.5
16	5/8	2.5

Fittinci assembly

- 1) Place the sleeve on the flared part
- 2) Advance the fitting nut
- 3) Adjust the nut manually
- 4) Tighten with wrench so as to get a totality enclosed metallmetal joint.

A fundamental feature of the 37° fitting is that it's easy and quick to assemble. It can in fact be assembled and removed many times obtaining same reliable safe leakproof connection.

Assembling example:

Sezione
Section

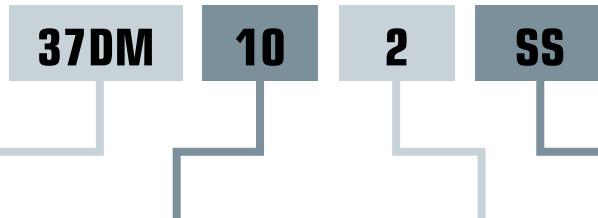
3

COME ORDINARE UN RACCORDO

Il codice di identificazione è composto da simboli che identificano la conformazione, la misura e il materiale:

HOW TO ORDER THE FITTING

The identification code is composed of symbols that identify type, dimension and material of the fitting:



Tipo di raccordo
Fitting type

Codice
Code

37BU
37DD
37DF
37DM
37GM
37ID
37IG
37IT
37PP
37RD
37TR
37TT

Dimensione del tubo metrico
Metric tubing dimension

Codice D.E. tubo
Code O.D. tube

6	= Tubo 6mm
8	= Tubo 8mm
10	= Tubo 10mm
12	= Tubo 12mm
16	= Tubo 16mm

Dimensione del tubo in pollici
Inch tubing dimension

Codice D.E. tubo
Code O.D. tube

1	= 1/4
5/16	= 5/16
3/8	= 3/8
1/2	= 1/2
5/8	= 5/8

Dimensione del filetto
Thread dimension

Codice Filetto
Code Thread

1	= 3/4" NPT
2	= 1/2" NPT
3	= 3/8" NPT
4	= 1/4" NPT
8	= 1/8" NPT

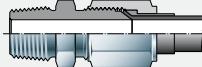
Materiale del raccordo
Fitting material

316 = AISI 316
316L = AISI 316L
000 = Altri - Other

Disponibilità :
 solamente i raccordi compresi nel listino prezzi in vigore sono generalmente tenuti a magazzino. Prezzi e termini di consegna per raccordi fuori standard possono essere forniti su richiesta.

Availability :
Only items priced in current price-list are carried in stock.
Price and delivery term of no-standard fitting on request.

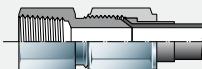
Connettori - Connectors



Connettore maschio

Male connector

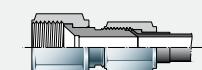
37DM 64



Connettore femmina

Female connector

37DF 64

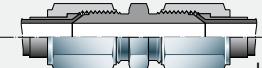


Riduzione

Reducer

37RD 64

Intermedi - Unions



Intermedio

Union

37ID 65

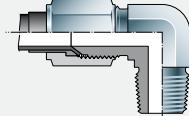


Intermedio passaparete

Bulkhead union

37PP 65

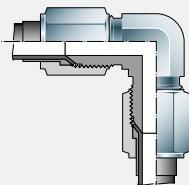
"T" e curve - Tee and elbow



Gomito maschio

Male elbow

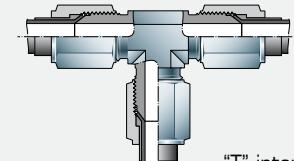
37GM 65



Gomito intermedio

Union elbow

37IG 66



"T" intermedio

Union tee

37IT 66



Tappo per tubo

Cap for tube

37TT 66



Tappo per raccordo

Plug for fitting

37TR 67

Sezione
Section

3

Ricambi - Spare parts



Bussola

Sleeve

37BU 67



Dado

Nut

37DD 67

RACCORDERIA A COMPRESSIONE A 37°
37° COMPRESSION FITTINGS

Modello
Model

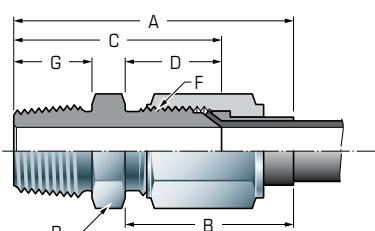
37°



Connettore maschio
Male connector

Tipo
Type

37DM

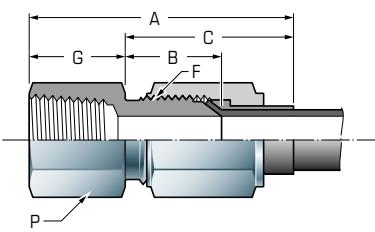


Tubo metrico Metric tube		Tubo in pollici Imperial tube									
Codice Code	Ø tubo mm Ø tube mm	NPT Filet. thrd.	F Filet. thrd.	A mm	B mm	C mm	D mm	G mm	P mm	Ø tubo inch. Ø tube inch.	Codice Code
37DM 6-8	6	1/8"	7/16-20	40	23	31	14	9.5	13	1/4	37DM 1/4-8
37DM 6-4	6	1/4"	7/16-20	45	23	36	14	14	14	1/4	37DM 1/4-4
37DM 8-4	8	1/4"	1/2-20	46.5	24.5	36	14	14	14	5/16	37DM 5/16-3
37DM 10-4	10	1/4"	9/16-18	48.5	26	36.5	14	14	16	3/8	37DM 3/8-4
37DM 10-3	10	3/8"	9/16-18	48.5	26	36.5	14	14	19	3/8	37DM 3/8-3
37DM 10-2	10	1/2"	9/16-18	55	26	43	14	19	22	3/8	37DM 3/8-2
37DM 12-3	12	3/8"	3/4-16	51.5	29.5	39	17	14	19	1/2	37DM 1/2-3
37DM 12-2	12	1/2"	3/4-16	58	29.5	45.5	17	19	22	1/2	37DM 1/2-2
37DM 16-2	16	1/2"	7/8-14	64.5	36	48	19.5	19	24	5/8	37DM 5/8-2

Connettore femmina
Female connector

Tipo
Type

37DF

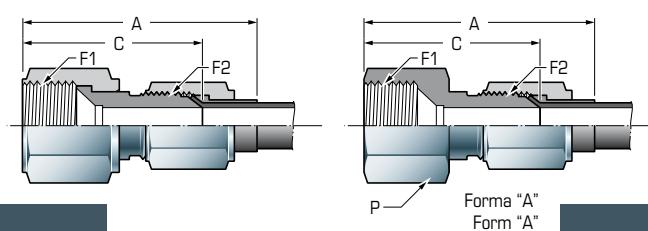


Tubo metrico Metric tube		Tubo in pollici Imperial tube									
Codice Code	Ø tubo mm Ø tube mm	NPT Filet. thrd.	F Filet. thrd.	A mm	B mm	C mm	G mm	P mm	Ø tubo inch. Ø tube inch.	Codice Code	
37DF 6-8	6	1/8"	7/16-20	39	14	23	16	14	1/4	37DF 1/4-8	
37DF 6-4	6	1/4"	7/16-20	46.5	14	24.5	21.5	17	1/4	37DF 1/4-4	
37DF 8-4	8	1/4"	1/2-20	46.5	14	24.5	21.5	17	5/16	37DF 5/16-3	
37DF 10-4	10	1/4"	9/16-18	48.5	14	26	21.5	17	3/8	37DF 3/8-4	
37DF 10-3	10	3/8"	9/16-18	48.5	14	26	23	22	3/8	37DF 3/8-3	
37DF 10-2	10	1/2"	9/16-18	55	14	26	28.5	27	3/8	37DF 3/8-2	
37DF 12-3	12	3/8"	3/4-16	51.5	17	29.5	23	22	1/2	37DF 1/2-3	
37DF 12-2	12	1/2"	3/4-16	58	17	29.5	28.5	27	1/2	37DF 1/2-2	
37DF 16-2	16	1/2"	7/8-14	64.5	19.5	36	28.5	27	5/8	37DF 5/8-2	

Riduzione
Reducer

Tipo
Type

37RD



Tubo metrico Metric tube		Tubo in pollici Imperial tube									
Codice Code	Ø tubo mm Ø tube mm	Ø tubo mm Ø tube mm	F1 Filett.37° Thrd.37°	F2 Filett.37° Thrd.37°	A mm	C mm	P mm	Ø tubo inch. Ø tube inch.	Ø tubo inch. Ø tube inch.	Codice Code	
37RD 10-6	10	6	9/16-18	7/16-20	33.5	24.5		3/8	1/4	37RD 3/8-1/4	
37RD 10-8	• 10	8	9/16-18	1/2-20	39.5	29	19	3/8	5/16	• 37RD 3/8-5/16	
37RD 12-8	12	8	3/4-16	1/2-20	36	25.5		1/2	3/8	37RD 1/2-3/8	
37RD 16-10	16	10	7/8-14	9/16-18	38	26		5/8	3/8	37RD 5/8-3/8	
37RD 16-12	• 16	12	7/8-14	3/4-16	49	36.5	27	5/8	1/2	• 37RD 5/8-1/2	

I pezzi contrassegnati da "O" vengono forniti nella forma A - The pieces signed "O" supplied in form A

RACCORDERIA A COMPRESSIONE A 37°
37° COMPRESSION FITTINGS

Modello
Model

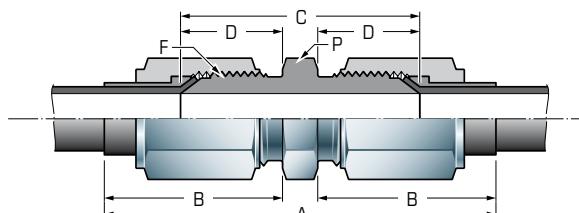
37°



**Intermedio
Union**

Tipo
Type

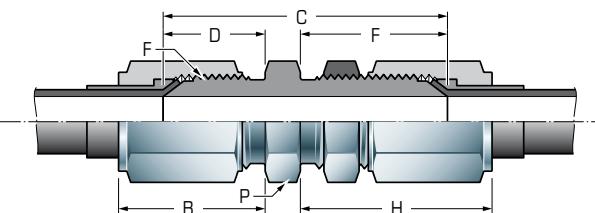
37ID



Tubo metrico Metric tube		Codice Code	Ø tubo mm Ø tube mm	Filet. thrd.	A mm	B mm	C mm	D mm	P mm	Ø tubo inch. Ø tube inch.	Codice Code
37ID 6	6	7/16-20	53	23	35	14	13	1/4	37ID 1/4		
37ID 8	8	1/2-20	55.5	24.5	35	14	14	5/16	37ID 5/16		
37ID 10	10	9/16-18	59.5	26	36	14	16	3/8	37ID 3/8		
37ID 12	12	3/4-16	66.5	29.5	41	17	19	1/2	37ID 1/2		
37ID 16	16	7/8-14	81	36	48	19.5	24	5/8	37ID 5/8		

Tipo
Type

37PP



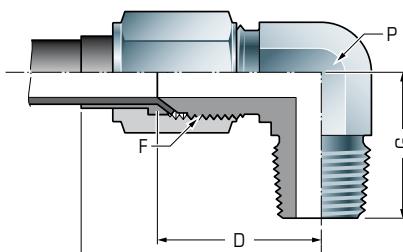
Tubo metrico Metric tube		Codice Code	Ø tubo mm Ø tube mm	Filet. thrd.	B mm	C mm	D mm	F mm	H mm	P mm	Ø tubo inch. Ø tube inch.	Codice Code
37PP 6	6	7/16-20	23	52.5	14	31	40.5	17	1/4	37PP 1/4		
37PP 8	8	1/2-20	24.5	52.5	14	31	41.5	19	5/16	37PP 5/16		
37PP 10	10	9/16-18	26	55.5	14	33.5	45	22	3/8	37PP 3/8		
37PP 12	12	3/4-16	29.5	62	17	37.5	50	24	1/2	37PP 1/2		
37PP 16	16	7/8-14	36	69.5	19.5	41	57.5	30	5/8	37PP 5/8		

Tipo
Type

37GM

Sezione
Section

3



Tubo metrico Metric tube		Codice Code	Ø tubo mm Ø tube mm	NPT Filet. thrd.	F Filet. thrd.	B mm	D mm	G mm	P mm	Ø tubo inch. Ø tube inch.	Codice Code
37GM 6-8	6	1/8"	7/16-20	31.5	22.5	20	22	1/4	37GM 1/4-8		
37GM 6-4	6	1/4"	7/16-20	36	27	27.5	14	1/4	37GM 1/4-4		
37GM 8-4	8	1/4"	1/2-20	37.5	27	27.5	14	5/16	37GM 5/16-3		
37GM 10-4	10	1/4"	9/16-18	39	27	27.5	14	3/8	37GM 3/8-4		
37GM 10-3	10	3/8"	9/16-18	41	29	31	19	3/8	37GM 3/8-3		
37GM 10-2	10	1/2"	9/16-18	43	31	38	22	3/8	37GM 3/8-2		
37GM 12-3	12	3/8"	3/4-16	44.5	32	31	22	1/2	37GM 1/2-3		
37GM 12-2	12	1/2"	3/4-16	46.5	32	38	22	1/2	37GM 1/2-2		
37GM 16-2	16	1/2"	7/8-14	53.5	37	38	27	5/8	37GM 5/8-2		

RACCORDERIA A COMPRESSIONE A 37°
37° COMPRESSION FITTINGS

Modello
Model

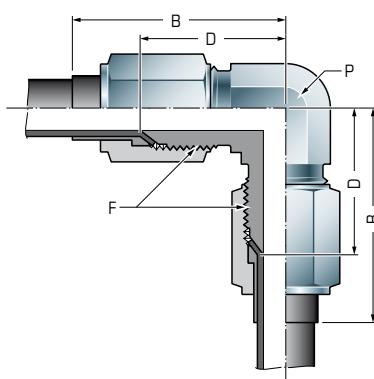
37°



Gomito intermedio
Union elbow

Tipo
Type

37IG

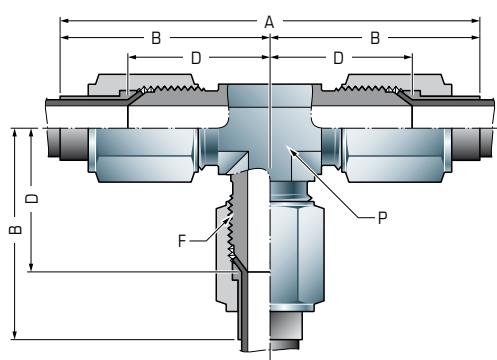


Tubo metrico Metric tube		F Filet. thrd.	B mm	D mm	P mm	Tubo in pollici Imperial tube	Codice Code
Codice Code	Ø tubo mm Ø tube mm						
37IG 6	6	7/16-20	31.5	22.5	11	1/4	37IG 1/4
37IG 8	8	1/2-20	34.5	24	13	5/16	37IG 5/16
37IG 10	10	9/16-18	39	27	14	3/8	37IG 3/8
37IG 12	12	3/4-16	44.5	32	19	1/2	37IG 1/2
37IG 16	16	7/8-14	53.5	37	22	5/8	37IG 5/8

"T" intermedio
Union tee

Tipo
Type

37IT

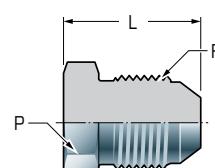


Tubo metrico Metric tube		F Filet. thrd.	A mm	B mm	D mm	P mm	Tubo in pollici Imperial tube	Codice Code
Codice Code	Ø tubo mm Ø tube mm							
37IT 6	6	7/16-20	63	31.5	22.5	11	1/4	37IT 1/4
37IT 8	8	1/2-20	69	34.5	24	13	5/16	37IT 5/16
37IT 10	10	9/16-18	78	39	27	14	3/8	37IT 3/8
37IT 12	12	3/4-16	89	44.5	32	19	1/2	37IT 1/2
37IT 16	16	7/8-14	107	53.5	37	22	5/8	37IT 5/8

Tappo per tubo
Cap for tube

Tipo
Type

37TT



Tubo metrico Metric tube		F Filet. thrd.	L mm	P mm	Tubo in pollici Imperial tube	Codice Code
Codice Code	Ø tubo mm Ø tube mm					
37TT 6	6	7/16-20	20.5	13	1/4	37TT 1/4
37TT 8	8	1/2-20	20.5	14	5/16	37TT 5/16
37TT 10	10	9/16-18	21.5	16	3/8	37TT 3/8
37TT 12	12	3/4-16	24	19	1/2	37TT 1/2
37TT 16	16	7/8-14	28	24	5/8	37TT 5/8

RACCORDERIA A COMPRESSIONE A 37°
37° COMPRESSION FITTINGS

Modello
Model

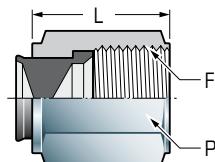
37°



Tappo per raccordo
Plug for fitting

Tipo
Type

37TR



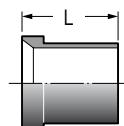
Tubo metrico Metric tube	
Codice Code	Ø tubo mm Ø tube mm
37TR 6	6
37TR 8	8
37TR 10	10
37TR 12	12
37TR 16	16

Tubo in pollici Imperial tube	
Ø tubo inch. Ø tube inch.	Codice Code
1/4	37TR 1/4
5/16	37TR 5/16
3/8	37TR 3/8
1/2	37TR 1/2
5/8	37TR 5/8

Bussola
Sleeve

Tipo
Type

37BU



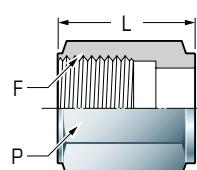
Tubo metrico Metric tube	
Codice Code	Ø tubo mm Ø tube mm
37BU 6	6
37BU 8	8
37BU 10	10
37BU 12	12
37BU 16	16

Tubo in pollici Imperial tube	
Ø tubo inch. Ø tube inch.	Codice Code
1/4	37BU 1/4
5/16	37BU 5/16
3/8	37BU 3/8
1/2	37BU 1/2
5/8	37BU 5/8

Dado
Nut

Tipo
Type

37DD



Tubo metrico Metric tube	
Codice Code	Ø tubo mm Ø tube mm
37DD 6	6
37DD 8	8
37DD 10	10
37DD 12	12
37DD 16	16

Tubo in pollici Imperial tube	
Ø tubo inch. Ø tube inch.	Codice Code
1/4	37DD 1/4
5/16	37DD 5/16
3/8	37DD 3/8
1/2	37DD 1/2
5/8	37DD 5/8

Sezione
Section

3



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