



Twin Ferrule Tube Fittings
Twi-lok



Collezione - Collection
2019

**INFORMAZIONI SUI PRODOTTI E
ISTRUZIONI DI MONTAGGIO**

*General Information &
Assembly instructions*

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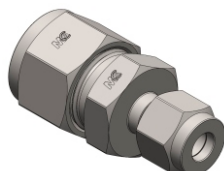
**INTERMEDIO DIRITTO
Straight Union**



Cod. SU...
Cod. SU...M

Pag. 14.20

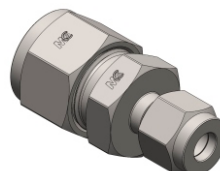
**INTERMEDIO DI RIDUZIONE
Reducing Union**



Cod. SRU...
Cod. SRU...M

Pag. 14.21

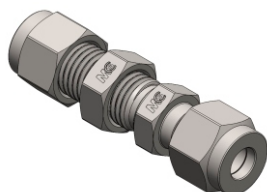
**INTERMEDIO METRICO-POLLICI
Union Metric to Fractional**



Cod. SUA...

Pag. 14.22

**PASSAPARETE INTERMEDIO
Union Bulkhead**



Cod. SUBK...
Cod. SUBK...M

Pag. 14.23

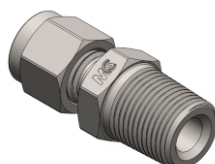
**CONNETTORE MASCHIO NPT
NPT Male Connector**



Cod. SUNPT...
Cod. SUNPT...M

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**CONNETTORE MASCHIO Gas Conico
BSPT Male Connector**



Cod. SUBSPT...
Cod. SUBSPT...M

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**CONNETTORE MASCHIO BSP
BSP Male Connector**



Cod. SUBSP...
Cod. SUBSP...M

Pag. 14.28 - 14.29

**CONNETTORE PASSAPARETE
MASCHIO NPT
NPT Male Bulkhead Connector**



Cod. SUBKNPT...

Pag. 14.30

**CONNETTORE UNF CON TENUTA
O'RING
UNF Male Connector O'ring seal**



Cod. SUUNF...
Cod. SUUNF...M

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**CONNETTORE UNF CON TENUTA GTZ
UNF Male Connector Gtz seal**



Cod. SUGTZ...

Pag. 14.32

**CONNETTORE BSP CON TENUTA GTZ
BSP Male Connector Gtz seal**



Cod. SUBSPGTZ...

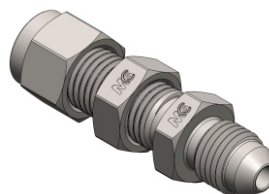
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CONNETTORE MASCHIO JIC 37°
37° Jic Male Connector

Cod. SUJ...

Pag. 14.34



CONNETTORE PASSAPARETE MASCHIO JIC 37°
37° Jic Male Bulkhead Connector

Cod. SUBKJ...

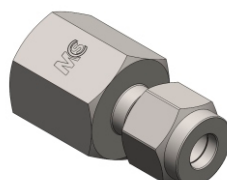
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CONNETTORE A SALDARE DI TESTA
Weld Connector

Cod. SUMW...
Cod. SUMW...M

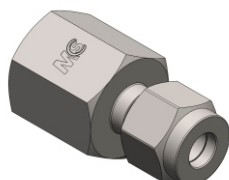
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CONNETTORE FEMMINA NPT
NPT Female Connector

Cod. SUNPTF...
Cod. SUNPTF...M

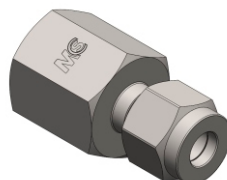
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CONNETTORE FEMMINA BSP
BSP Female Connector

Cod. SUBSPF...
Cod. SUBSPF...M

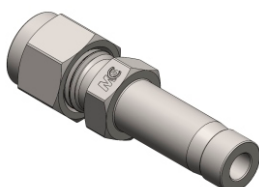
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CONNETTORE FEMMINA GAS CONICO
BSPT Female Connector

Cod. SUBSPTF...
Cod. SUBSPTF...M

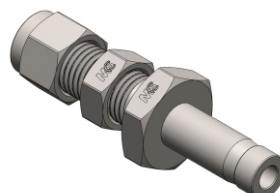
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ADATTATORE RIDUTTORE
Reducer Adapter

Cod. SUCN...
Cod. SUCN...M

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ADATTATORE PASSAPARETE
Bulkhead Adaptor

Cod. SUBKCN...

Pag. 14.44



INSERTO DI COLLEGAMENTO
Port Connector

Cod. PC...
Cod. PC...M

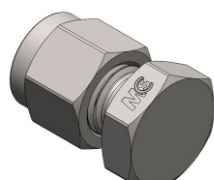
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INSERTO RIDUTTORE DI COLLEG.
Reducing Port Connector

Cod. RPC...
Cod. RPC...M

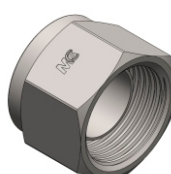
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TAPPO PER TUBO
Cap End for Tube

Cod. CAP...
Cod. CAP...M

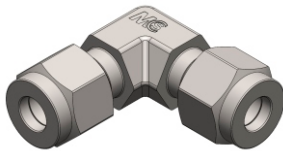
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TAPPO PER RACCORDO
Plug

Cod. PLUG...
Cod. PLUG...M

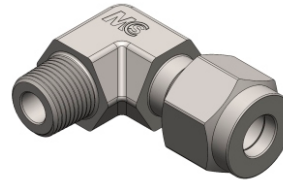
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GOMITO INTERMEDIO
Union Elbow

Cod. LU...
Cod. LU...M

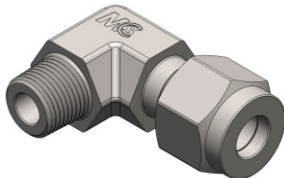
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CONNETTORE A GOMITO MASCHIO NPT
NPT Male Elbow

Cod. LUNPT...
Cod. LUNPT...M

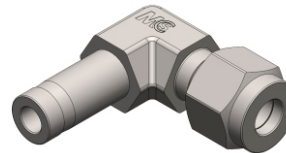
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CONNETTORE A GOMITO MASCHIO GAS CONICO
BSPT Male Elbow

Cod. LUBSPT...
Cod. LUBSPT...M

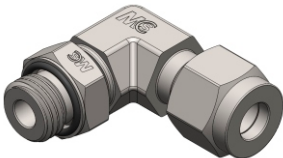
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ADATTATORE A GOMITO
Adaptor Elbow

Cod. LUCN...
Cod. LUCN...M

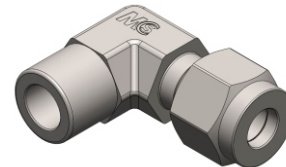
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CONNETTORE A GOMITO ORIENTABILE
Adjustable Elbow

Cod. LUADJ...
Cod. LUADJ...M

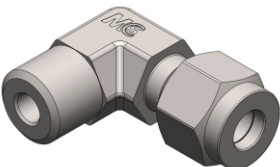
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CONNETTORE A GOMITO CON TASCA A SALDARE
Socket Weld Elbow

Cod. LUSW...

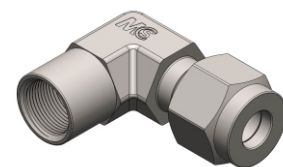
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CONNETTORE A GOMITO A SALDARE DI TESTA
Buttweld Elbow

Cod. LUMPW...

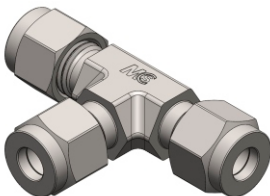
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CONNETTORE A GOMITO FEMMINA NPT
NPT Female Elbow

Cod. LUNPTF...
Cod. LUNPTF...M

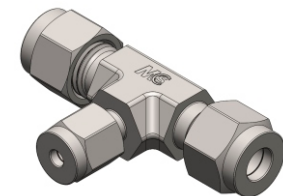
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TEE INTERMEDIO
Union Tee

Cod. TCU...
Cod. TCU...M

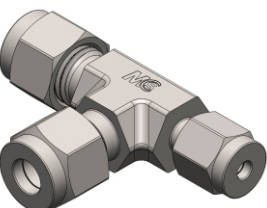
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TEE RIDUTTORE CENTRALE
Reducing Union Central Tee

Cod. TCRU...
Cod. TCRU...M

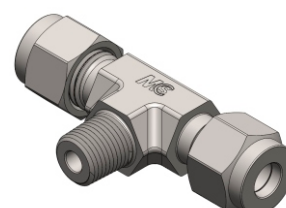
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TEE RIDUTTORE LATERALE
Reducing Union Lateral Tee

Cod. TLRU...

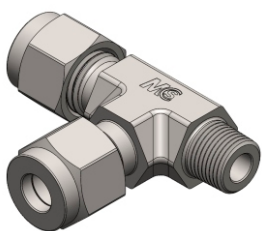
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TEE MASCHIO NPT CENTRALE
Central NPT Male Branch Tee

Cod. TCUNPT...
Cod. TCUNPT...M

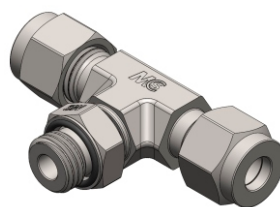
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TEE MASCHIO NPT LATERALE
Lateral NPT Male Branch Tee

Cod. TLUNPT...
Cod. TLUNPT...M

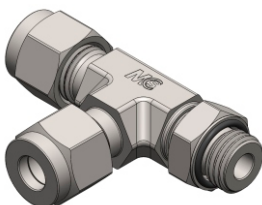
Pag. 14.64



TEE ORIENTABILE CENTRALE
Adjustable Central Tee

Cod. TCUADJ...
Cod. TCUADJ...M

Pag. 14.65



TEE ORIENTABILE LATERALE
Adjustable Lateral Tee

Cod. TLUADJ...
Cod. TLUADJ...M

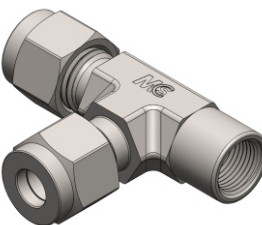
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TEE FEMMINA NPT CENTRALE
Central NPT Female Branch Tee

Cod. TCUNPTF...

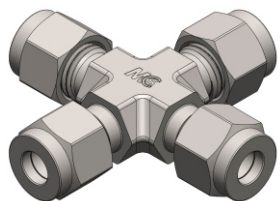
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TEE FEMMINA NPT LATERALE
Lateral NPT Female Branch Tee

Cod. TLUNPTF...

Pag. 14.68



INTERMEDIO A CROCE
Union Cross

Cod. CU...
Cod. CU...M

Pag. 14.69



ADATTATORE MASCHIO NPT
NPT Male Adaptor

Cod. MANPT...
Cod. MANPT...M

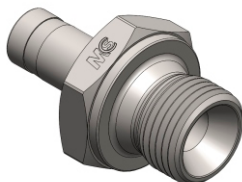
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ADATTATORE MASCHIO GAS CONICO
BSPT Male Adaptor

Cod. MABSPT...
Cod. MABSPT...M

Pag. 14.72



ADATTATORE MASCHIO BSP
BSP Male Adaptor

Cod. MABSP...
Cod. MABSP...M

Pag. 14.73



ADATTATORE MASCHIO SAE
CON O'RING
SAE Male Adaptor with o'ring seal

Cod. MASAE...

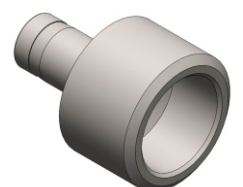
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ADATTATORE MASCHIO JIC 37°
Jic Male Adaptor

Cod. MAJIC...

Pag. 14.75



ADATTATORE CON TASCA A SALDARE
Socket Weld Adaptor

Cod. WA...

Pag. 14.76



ADATTATORE FEMMINA NPT
NPT Female Adaptor

Cod. FFANPT...
Cod. FFANPT...M

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ADATTATORE FEMMINA GAS CONICO
BSPT Female Adaptor

Cod. FFABSPT...
Cod. FFABSPT...M

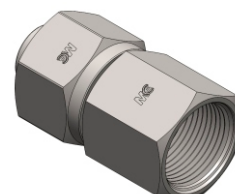
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ADATTATORE FEMMINA GAS
BSP Female Adaptor

Cod. FFABSP...
Cod. FFABSP...M

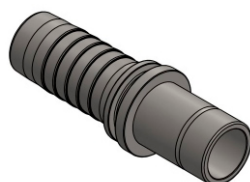
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ADATTATORE FEMMINA JIC
Jic Female Adaptor

Cod. SFJIC...

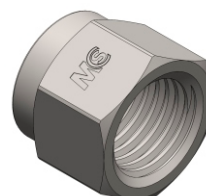
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FEMMINA TUBOLARE CON SCANAL.
Standpipe with groove

Cod. IS...WG
Cod. SLH...WG

Pag. 14.83



DADO
Nut

Cod. NUT...
Cod. NUT...M

Pag. 14.84



SET OGIVA ANTERIORE E POSTERIORE
Set Front & Back Ferrule

Cod. SET..
Cod. SET...M

Pag. 14.85



CALIBRI
Gauges

Cod. GAUGE...

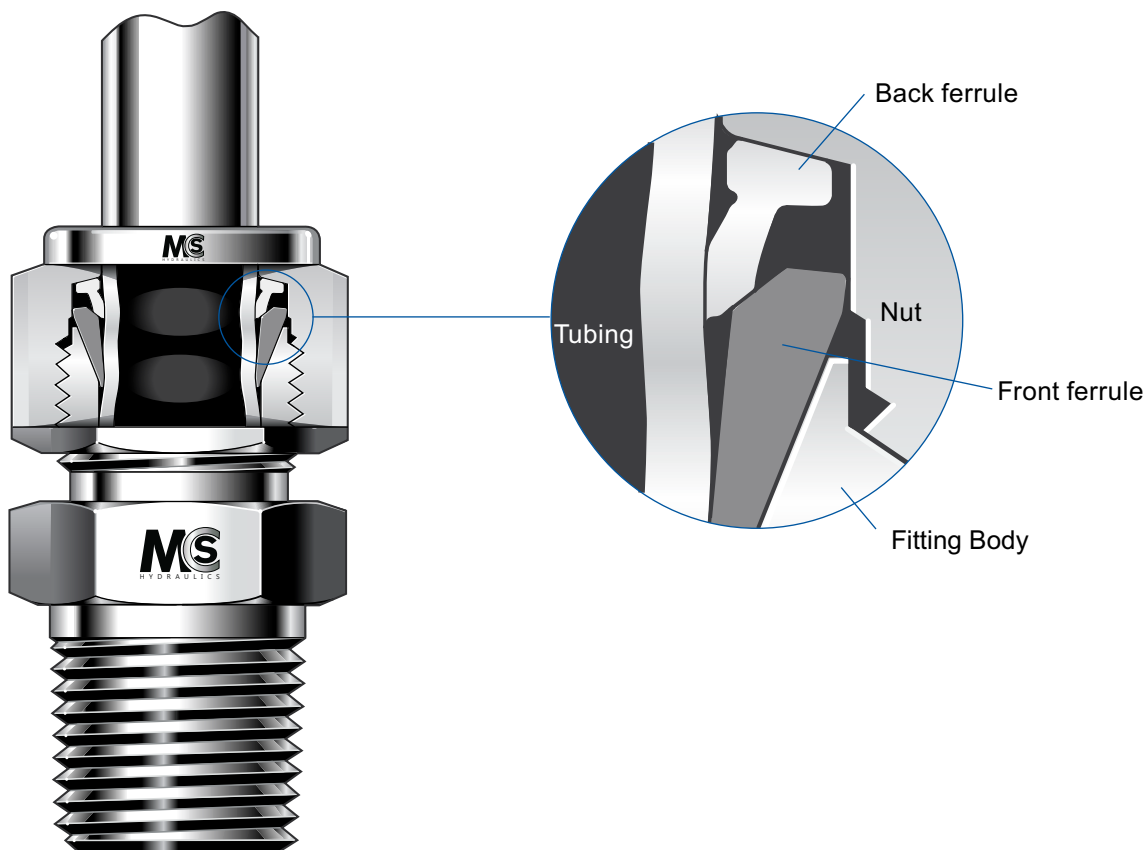
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- ISTRUZIONI DI MONTAGGIO -

Caratteristiche

- Facile installazione
- Nessuna coppia trasmessa al tubo durante l'installazione
- Facile controllo con i calibri "MCS gap inspection"



Durante il montaggio, l'ogiva anteriore funge da guida all'interno del raccordo, creando la prima tenuta, mentre l'ogiva posteriore, stringendo, crea un punto di pressione facendo presa sul tubo deformandolo.

La geometria dell'ogiva posteriore, durante il serraggio, trasforma la forza assiale in forza radiale, creando un'azione permanente sul tubo pur operando con forze di serraggio non intense.

Twi-lok funzioni meccaniche:

Le due ogive hanno ciascuna una precisa funzione: quella di creare la tenuta e quella di serrare il tubo. Ciascuna ogiva è ottimizzata per assolvere alla sua funzione.

L'ogiva frontale crea la tenuta:

- Contro il corpo del raccordo
- Contro il diametro esterno del tubo

L'ogiva posteriore (durante il serraggio del dado):

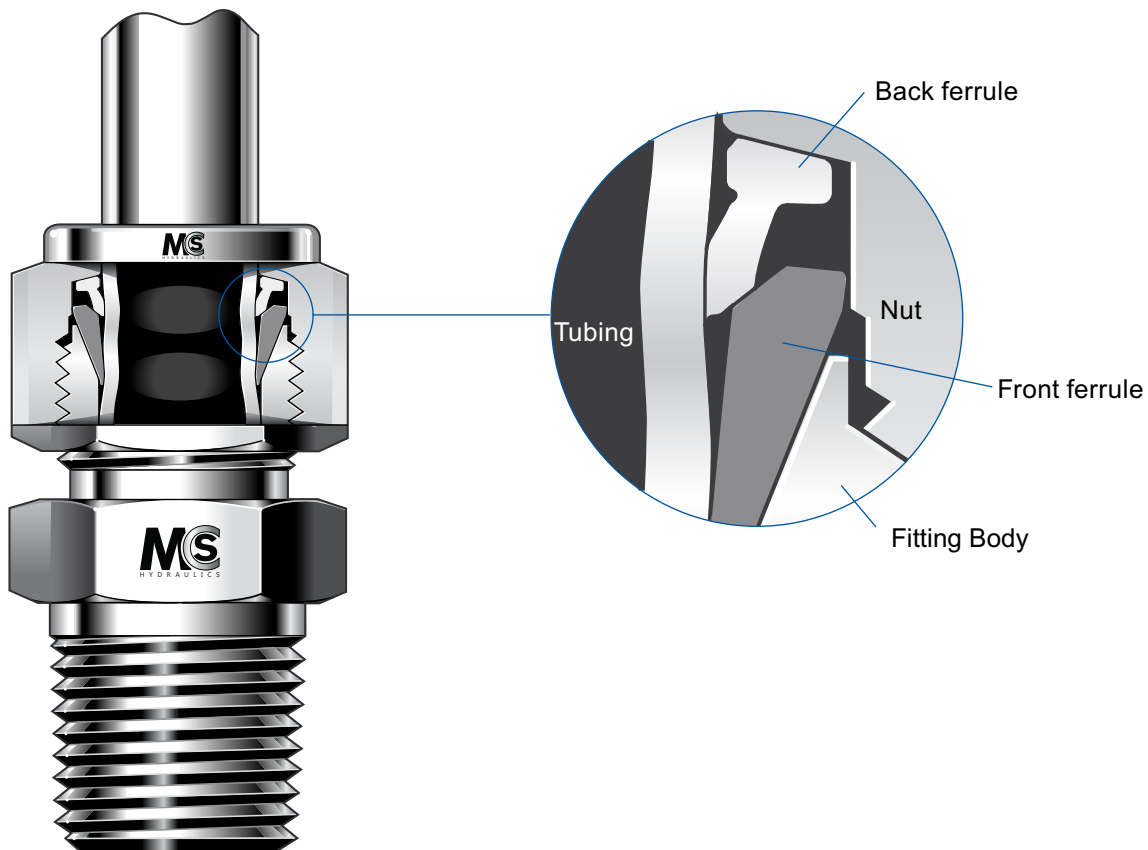
- Fa avanzare assialmente l'ogiva anteriore, applica una forza radiale sufficiente da serrare il tubo (Punto di ancoraggio).



- ASSEMBLY INSTRUCTIONS -

Features

- Easy to install
- No torque is transmitted to tubing during installation
- Easy control with “MCS gap inspection” gauges



During the assembly, the front ferrule guides the fitting body creating the first and main seal; at the same time the back ferrule creates a second seal on the tube while deforming it. Even operating with a low assembly torque, the back ferrule geometry makes it possible to obtain a hermetic seal.

Twi-lok mechanical function:

Each of two ferrules has its own function:

The front ferrule basically creates the seal:

- On fitting body
- On the Tube O.D.

The back ferrule:

- Guides the front ferrule towards the tube and tightens it.



Istruzioni di installazione

I raccordi fino ad 1" e fino a 25 mm possono essere installati in maniera semplice con comuni utensili a mano, mentre i raccordi oltre 1" e 25 mm dovranno essere installati mediante l'utilizzo di appositi utensili per pressatura idraulica.

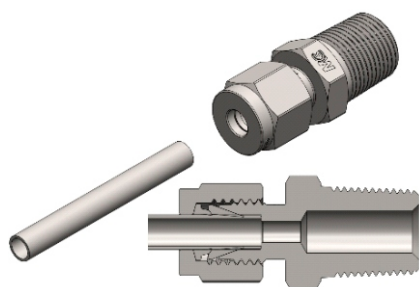
Precauzioni

- Non avvitare o svitare mai un raccordo montato su di un circuito in pressione
- Non spurgare mai il circuito svitando il raccordo od il dado
- Utilizzare sempre sigillanti e lubrificanti (idonei alla temperatura ambiente e del circuito) per i raccordi con filettature coniche
- Non utilizzare mai componenti di costruttori differenti
- Utilizzare solo tubi senza saldatura e con durezza inferiore a quella dei raccordi (80 RB massimo per tubo in acciaio inossidabile)
- La corretta selezione, pulizia ed installazione del tubo rivestono una vitale importanza per una tenuta perfetta e durata del circuito
- Utilizzare il calibro di controllo "M.C.S. gap inspection" durante la fase iniziale di installazione assicurandosi di verificare il giusto serraggio
- Non ruotare il raccordo ma bensì tenerlo saldo e serrare solo il dado
- Cercare di evitare lo smontaggio di raccordi non utilizzati

Considerazioni

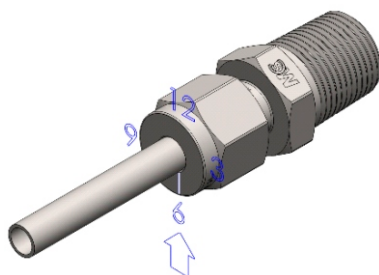
- Il materiale del tubo da connettere deve avere una resistenza minore rispetto al raccordo da montare. Ad esempio sui tubi di acciaio inox non montare raccordi in ottone
- Nel caso in cui i tubi e i raccordi siano dello stesso materiale, i tubi dovranno essere ricotti
- Utilizzare sempre una bussola di supporto all'interno di tubi in materiale plastico
- Controllare sempre, in base alle tabelle, lo spessore del Tubo, verificando che sia compatibile con i valori minimi e massimi suggeriti
- La finitura superficiale del tubo e dei raccordi è di estrema importanza in quanto qualsiasi tipo di difetto superficiale provocherà dei difetti di installazione e quindi delle perdite soprattutto nelle condotte gas
- Tubi non concentrici saranno da intralcio nel montaggio dei raccordi. Cercare di utilizzare tubi perfettamente cilindrici

Raccordi fino a 1" o 25 mm

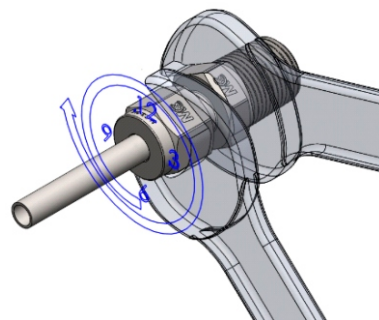


Inserire completamente il tubo fino alla battuta, avvitare il dado a mano.

Applicazioni ad alta pressione e di sistemi di sicurezza: Stringere ulteriormente il dado finché il tubo non possa più essere ruotato a mano o si muova assialmente il raccordo.



Marcare il dado alla posizione 6



Mantenere fermo il raccordo, stringere il dado di un giro e 1/4 fino ad arrivare in posizione ad ore 9.

Per raccordi di dimensioni 1/16", 1/8" e 3/16" e 2, 3 e 4 mm, stringere il dado di 3/4 di giro fino ad arrivare in posizione ad ore 3.



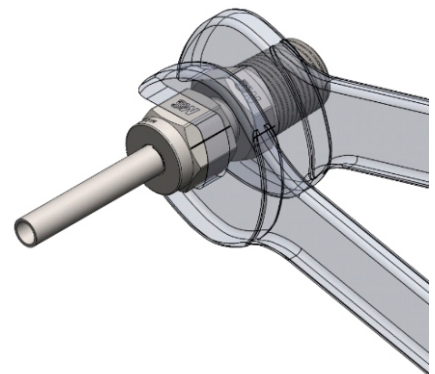
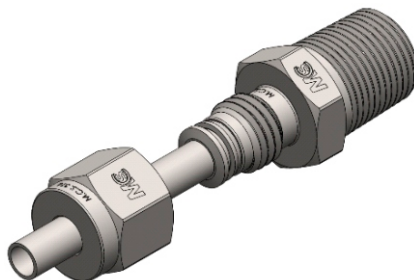
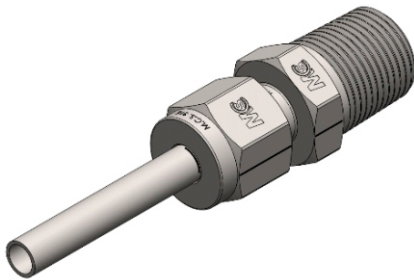
Raccordi oltre 1" o 25 mm

1. Pressare le ogive sul tubo utilizzando una unità di pressatura idraulica
2. Applicare un leggero strato di lubrificante sulle filettature del corpo raccordo e sulla superficie dell'ogiva posteriore
3. Inserire il tubo con le ogive pre-assemblate nel raccordo fino ad arrivare in battuta ed avvitare il dado con le dita
4. Marcare il dado nella posizione 6
5. Mantenendo fermo il raccordo, avvitare il dado di 1/2 giro fino ad arrivare ad ore 12. Utilizzare la chiave dinamometrica ed il calibro "M.C.S. gap inspection" per verificare il corretto montaggio

Rimontaggio (tutte le dimensioni)

I raccordi *Twi-lok* si possono smontare e rimontare ogni volta che si vuole

*N.B. Depressurizzare l'impianto prima di smontare i raccordi *Twi-lok**



Prima di smontare il raccordo, marcare sul tubo la posizione del dado e disegnare una linea lungo il dado e le facce esagonali del raccordo, al fine di garantire (in fase di rimontaggio) l'esatto riposizionamento.

Inserire il tubo con le ogive fino in battuta nel raccordo. Per dimensioni superiori a 1" e 25 mm, se necessario, applicare di nuovo un film di lubrificante.

Tenere fermo con una chiave il raccordo e contemporaneamente avvitare il dado. Una volta allineate le linee precedentemente marcate, si avvertirà un significativo aumento della forza richiesta. Stringere leggermente il dado.

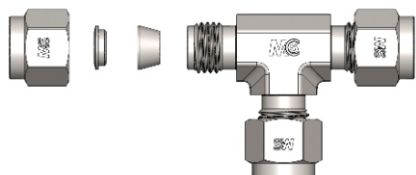
N.B. Non utilizzare il calibro "M.C.S. gap inspection" per la verifica di serraggio.



Connettori e Adattatori

Connettori

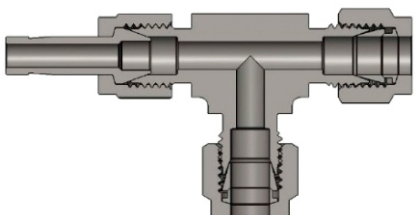
1. Rimuovere il dado e le ogive dal raccordo a Tee
Twi-lok;



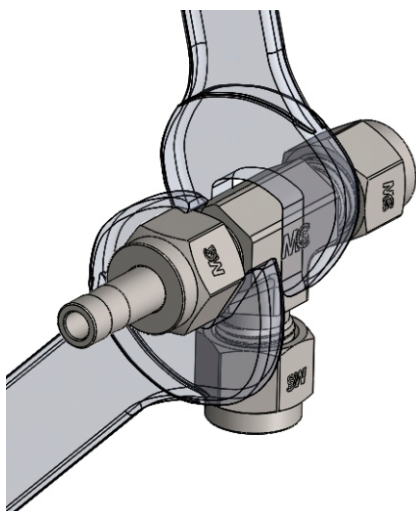
2. Inserire il dado sull'inserto;



3. Inserire l'inserto nel raccordo a Tee e avvitare il dado a mano;

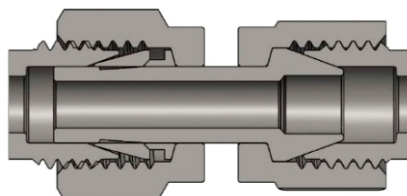


4. Tenendo fermo il raccordo serrare il dado con una chiave per 1/4 di giro; Per raccordi di dimensioni 1/16", 1/8" e 3/16" e 2, 3 e 4 mm, stringere il dado per un 1/8 di giro;

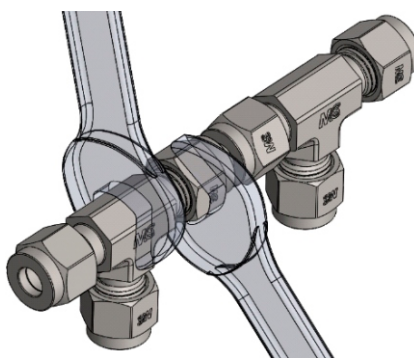


Adattatore per fine connessioni

5. Posizionare l'inserto precedente fino a battuta nel secondo connettore, stringere il dado a mano;



6. Marcare il dado in posizione 6. Tenendo bloccato il raccordo avvitare con una chiave il dado di un giro ed 1/4 fino a raggiungere la posizione ad ore 9;



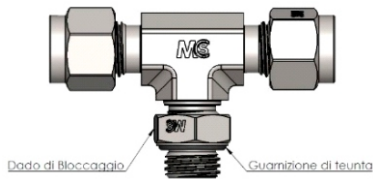
Per raccordi di dimensioni 1/16", 1/8" e 3/16" e 2, 3 e 4 mm, stringere il dado per un 3/4 di giro, fino ad arrivare in posizione ad ore 6.

Rimontaggio

Si può smontare e rimontare la connessione *Twi-lok* molte volte. La tenuta viene assicurata dal serraggio con chiave del dado.

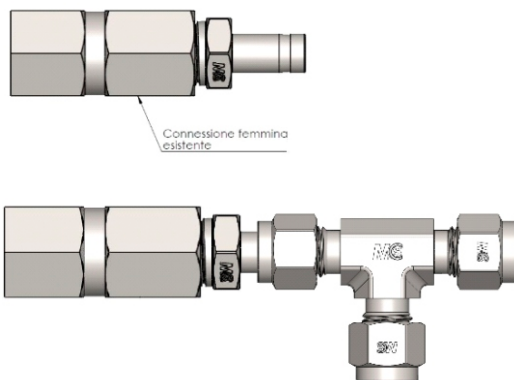


Curve e Tee orientabili



1. Avvitare il raccordo orientabile (gomito o tee) nel raccordo femmina fino ad arrivare in battuta con la guarnizione di tenuta;
2. Ruotare tutto il blocco raccordo (per non più di un giro completo) nella posizione desiderata;
3. Mantenere il blocco raccordo fermo e serrare il dado di bloccaggio con chiave fino al punto in cui la guarnizione di tenuta entra in contatto con la faccia del raccordo.

Adattatori per tubo



Fino a 1" o 25 mm

1. Installare l'adattatore maschio nella connessione femmina esistente;
2. Inserire il raccordo (connettore). Assicurarsi che arrivi fino in battuta e avvitare il dado a mano;
3. Marcare il dado in posizione 6
4. Tenendo fermo il raccordo (gomito o tee), stringere con una chiave il dado di 1 giro e 1/4 fino ad arrivare in posizione a ore 9. Per raccordi di dimensioni 1/16", 1/8" e 3/16" e 2, 3 e 4 mm, stringere il dado solo di 3/4 di giro fino ad arrivare alla posizione a ore 3.

Oltre 1" o 25 mm

Seguire le istruzioni riportate a pagina 14.9, da 2 a 5.

Adattatori a saldare

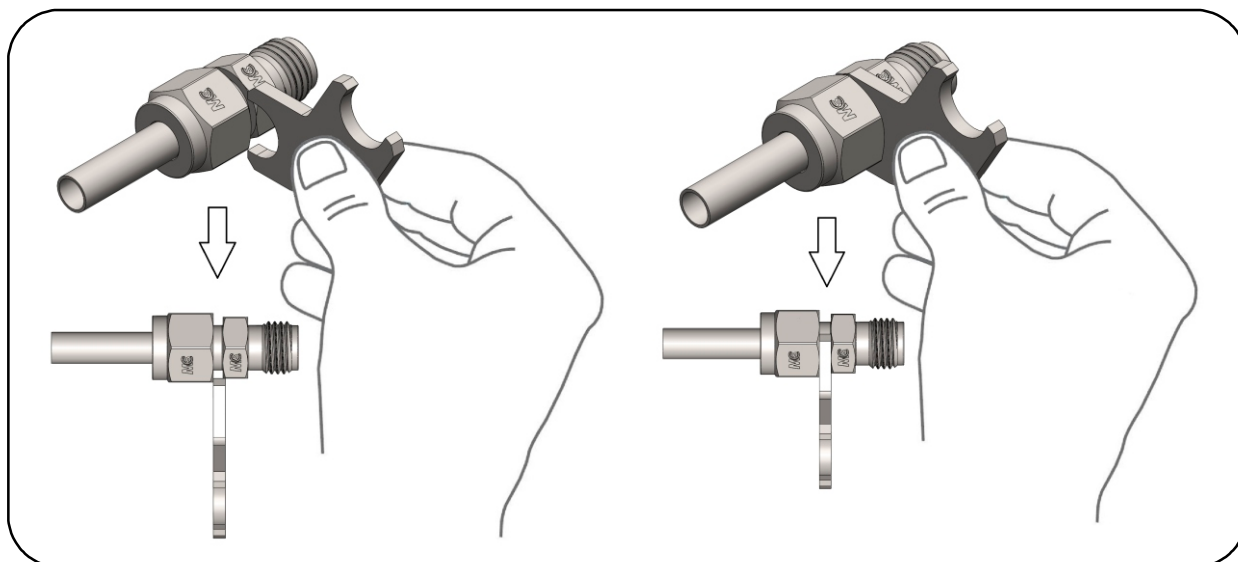
1. Rimuovere le ogive e il dado;
2. Inserire un "plug" oppure un "cap" di protezione dalla parte filettata per prevenire danneggiamenti alla filettatura e ad eventuali guarnizioni durante la saldatura;
3. Saldare il raccordo in 4 posizioni diverse (circa a 90° l'una dall'altra) in modo da assicurare la tenuta e la stabilità;
4. Completare la saldatura;
5. Rimuovere il "plug" oppure il "cap" di protezione;
6. Reinserire le ogive e il dado precedentemente smontate.



Verifica

Al momento dell'installazione, si può verificare il giusto serraggio mediante il calibro "M.C.S. gap inspection".

Posizionare il calibro di controllo "M.C.S. gap inspection" vicino al divario tra il dado e il raccordo



Se il calibro non entrerà nel divario tra dado e raccordo, allora si avrà un giusto serraggio

Se il calibro entrerà nel divario tra dado e raccordo, allora servirà serrare meglio.

N.B. Depressurizzare sempre tutto il sistema prima di procedere alle modifiche su esposte



Limiti Di Pressione E Temperatura

I raccordi *Twi-lok* sono progettati per resistere a pressioni superiori a quelle del tubo, che pertanto ne determina le massime condizioni d'esercizio. Questi limiti variano in funzione del materiale, dello spessore e della temperatura (vedi tabella sottostante).

In caso di alta temperatura al di fuori del range riportato sotto, è necessario ridurre i limiti di pressione indicati.

Massima pressione di funzionamento per tubi con diametro in pollici (valore in PSI)											
Ø esterno tubo	Spessore del tubo (in pollici)										
	0.010"	0.012"	0.016"	0.020"	0.028"	0.035"	0.049"	0.065"	0.083"	0.095"	0.109"
1/16"	6.852	8.395	11.519	14.395							
1/8"				6.843	9.948	12.622					
3/16"				4.345	6.342	8.145	11.760				
1/4"					4.575	5.910	8.700	11.773			
3/8"						3.770	5.465	7.520			
1/2"						2.770	3.980	5.415	7.155		
5/8"							3.130	4.240	5.550	6.480	
3/4"							2.570	3.490	4.535	5.270	6.150
7/8"							2.190	2.948	3.845	4.443	5.180
1"								2.568	3.318	3.843	4.462

Massima pressione di funzionamento per tubi con diametro in millimetri (valore in BAR)											
Ø esterno tubo	Spessore del tubo (in mm)										
	0.5	0.6	0.8	1.0	1.2	1.5	1.6	1.8	2.0	2.2	2.5
3	492	610	825	1.030							
6			382	495	603	775	909				
8			281	357	441	560	603				
10			220	278	342	438	471				
12			180	235	280	360	384	438			
16				170	203	259	278	315	360	398	458
18				148	178	231	245	278	313	350	400
22				121	145	186	201	223	250	278	320
25				104	125	160	175	194	218	243	278

I valori in tabella si riferiscono a tubi con le seguenti caratteristiche e nelle condizioni sotto riportate:

Tubo per strumentazione in AISI 304 e AISI 316, senza saldatura, ricotto, con caratteristiche conformi alla norma ASTM

A-269 A-213 o equivalente.

Durezza superficiale inferiore a 80 HRB. Resistenza a trazione 75.000 psi a temperatura ambiente.

Temperatura di superficie tra -29°C e +38°C (-20°F e +100°F), vedi ANSI B31.3



Installation Instructions

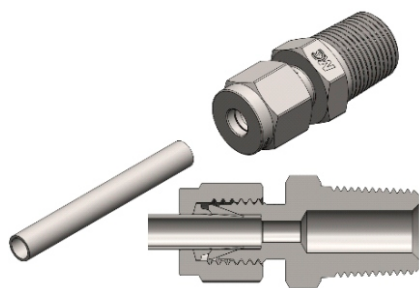
Twi-lok fittings up to 1"/25 mm, do not require the use of a hydraulic swaging unit, that is conversely highly recommended when installing fittings over 1"/25 mm.

Warning

- Do not flush the system out by loosening fitting nut or fitting plug.
- Never screw or unscrew fittings when system is pressurized.
- Make sure the tube is firmly held in the fitting before Tightening the nut.
- Use the "M.C.S. gap inspection" gauge during the initial phase of installation making sure to check the right clamping
- For fittings with tapered threads, always use the sealant and/or the lubricant suitable for the application.
- Never mix fittings from different manufacturers.
- Do not turn the fitting, but only tighten the nut
- Avoid disassembling unused fittings;
- Always leave a straight section of pipe before entering the fitting
- Pipe material should have a resistance lower than the fitting you are using.
- Use only seamless pipes and tubes and with hardness lower than that of the fittings (80 RB maximum for stainless steel tube)
- Should the pipe and the fitting be of the same material, the pipe needs to be annealed
- Always use a support sleeve when installing plastic tubes;
- Always check the tube wall thickness against the minimum and maximum values suggested
- Tube surface finish is extremely important: any type of surface defects will result in installation defects, especially for gas pipelines
- The correct selection, cleaning and installation of the pipe is vital for a perfect seal and for a long-lasting circuit;
- The use of not concentric pipes will result in an incorrect and possibly faulty installation: try to use perfectly cylindrical tubes.

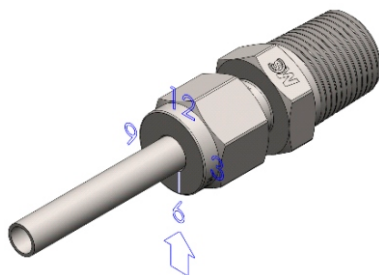
A Few considerations on pipes

Twi-lok Fittings Up to 1"/25 mm

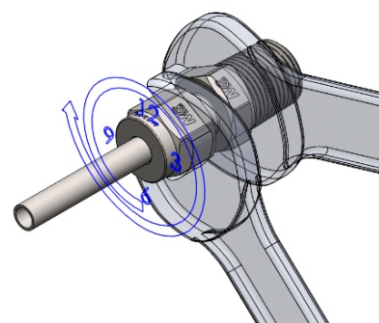


Fully insert the tube into the fitting and against the shoulder; screw the nut until finger tight.

High-pressure applications and high safety-factor systems: Further tighten the nut until the tube will not turn by hand or move axially in the fitting..



Mark the nut at the 6 o'clock position



Holding the fitting firmly, tighten the nut 1 and 1/4 turns to the 9 o'clock position.

For 1/16, 1/8, and 3/16 in.; 2, 3, and 4 mm tube fittings, tighten the nut only 3/4 turn to the 3 o'clock position.



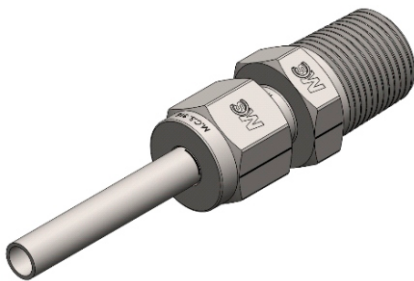
Tube Fittings Over 1"/25 mm

1. Press the ferrules on to the tube using a hydraulic swage unit;
2. Apply a thin layer of lubricant on the fitting threads and on the rear surface of the back ferrule;
3. Fully insert the tube with the pressed ferrules into the fitting and against the shoulder; screw the nut until finger tight.
4. Mark the nut at the 6 o'clock position;
5. Holding the fitting firmly, tighten the nut 1/2" turn to the 12 o'clock position use "M.C.S. gap inspection" gauges and a torque wrench to verify that the fitting has been correctly tightened.

Reassembly—All Sizes

Twi-lok fittings allow repeated assemblies.

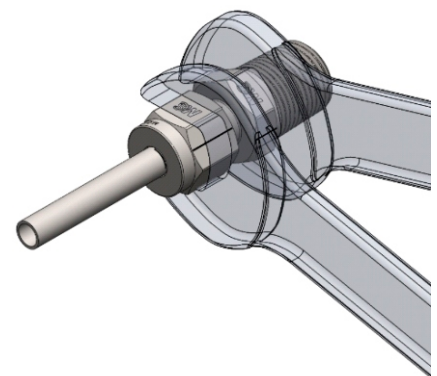
Always depressurize the system before disassembling.



Before disassembling the fitting, mark a line on the tube in correspondence of the nut and the fitting flats. This in order to be sure (when re-assembling) to return to the correct position.



Fully insert the tube with the pressed ferrules into the fitting and against the shoulder. **For dimensions over 1"/25 mm**, apply a thin film of lubricant again (if needed).



Holding the fitting firmly, tighten the nut to the previous position (indicated by the lines marked). You will feel a perceptible rise in force. Tighten it again slightly.

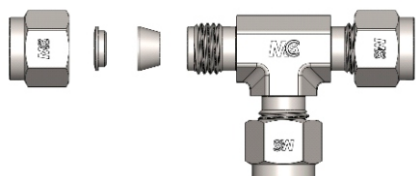
In case of repeated assemblies, do not use MCS gap inspection gauges.



Connector and Adapter

Port Connector

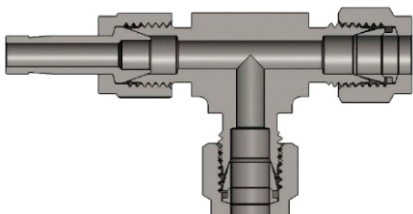
1. Remove the nut and rings from the connector. Throw out the ferrules;



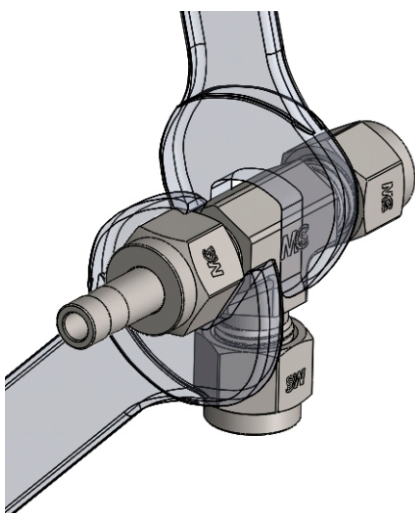
2. Insert the nut over into port connector;



3. Insert the port connector into the fitting and finger-tighten the nut.

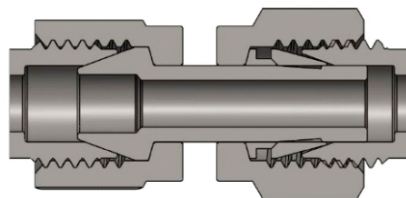


4. Holding the fitting firmly, tighten the nut 1/4 turn. For 1/16, 1/8, and 3/16 in.; 2, 3, and 4 mm tube fittings, tighten the nut only 1/8 turn.

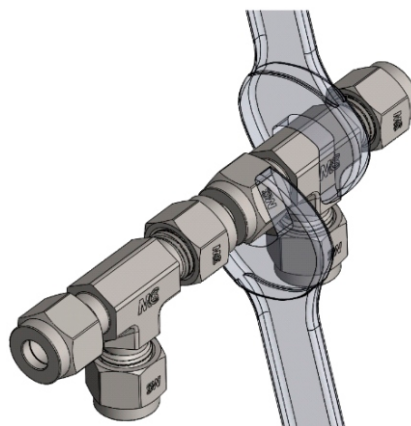


Tube Adapter End

5. Place the port connector into the second fitting until it is firmly held in position. Finger-tighten the nut;



6. Mark the nut at the 6 o'clock position. Holding the fitting firmly, tighten the nut 1 and 1/4 turns to the 9 o'clock position.



For 1/16, 1/8, and 3/16 in.; 2, 3, and 4 mm tube fittings, tighten the nut 3/4 turn to the 3 o'clock position. For fittings over 1"/25 mm, tighten the nut 1/2 turn to the 12 o'clock position.

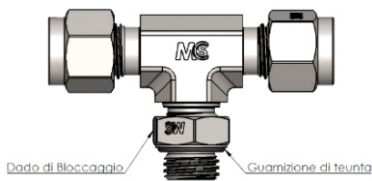
Do not use the "M.C.S. gap inspection" gauge with reassembled fittings.

Repeated Assemblies

Twi-lok fittings allow repeated assemblies: see previous instructions.

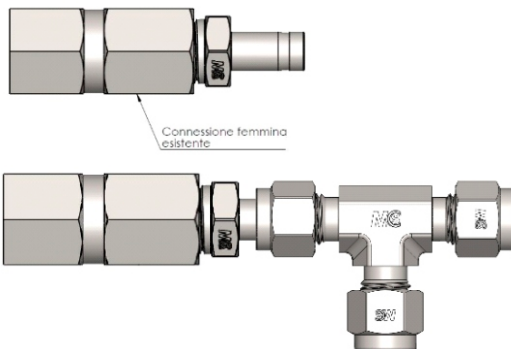


Adjustable Elbows and Tee



1. Turn the adjustable elbow or Tee into the female fitting until the washer gets in contact with the fitting;
2. Place the fitting properly by rotating the adjustable for non more than one turn;
3. Holding the fitting firmly, tighten the nut until the washer gets in contact with the fitting.

Tube Adapters



Up to 1"/25 mm.

1. Tighten the male adapter into the female end connection;
2. Fully insert the adapter into the MCS fitting (connector) against the shoulder; finger-tighten the nut;
3. Mark the nut at the 6 o'clock position.
4. Holding the fitting firmly, tighten the nut 1 and 1/4 turns to the 9 o'clock position.
For 1/16, 1/8, and 3/16 in.; 2, 3, and 4 mm tube fittings, tighten the nut only three-quarters turn to the 3 o'clock position.

Over 1"/25 mm.

Follow instructions pag.14.9, from 2 to 5.

Weld Fittings

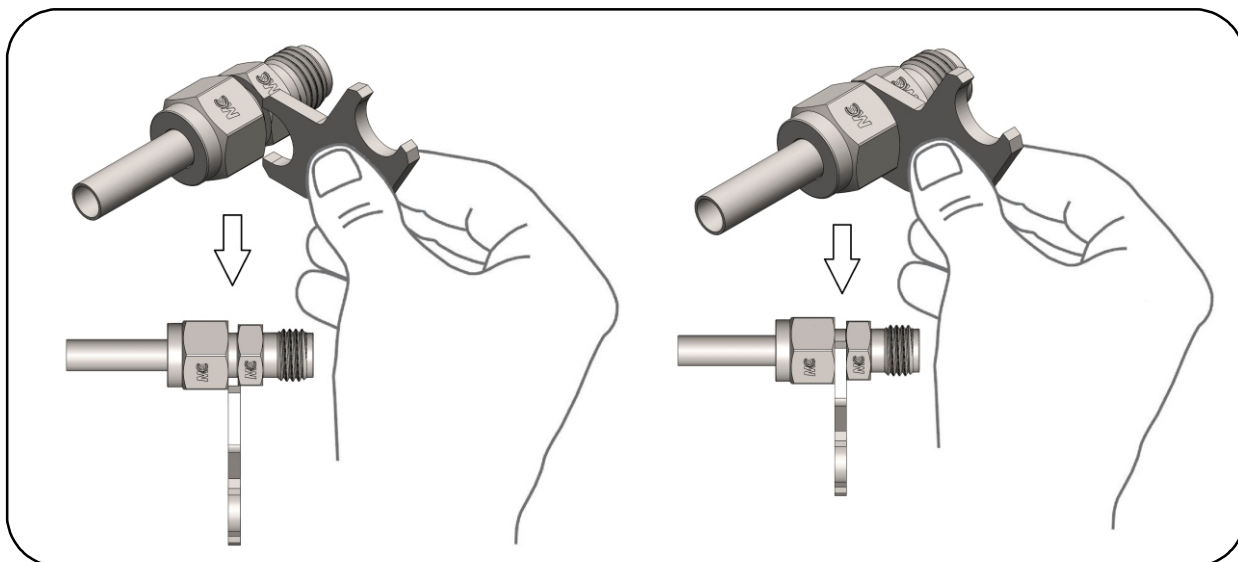
1. Remove the nut and ferrules;
2. Use a plug or a cap to protect the fitting during the welding;
3. Spot weld at four different positions in order to ensure the seal and the stability;
4. Complete the welding process;
5. Remove the plug or the cup;
6. Replace the nut and the ferrules.



Torque Check

It is possible to check the correct torque using the "M.C.S. gap inspection" gauge.

Place the "M.C.S. gap inspection" gauge by the gap between the nut and the fitting.



If the gauge won't enter the gap, then the nut has been correctly tightened;

If the gauge will enter the gap, Then the nut needs to be re-tightened.

Always depressurize the entire system before ANY ADJUSTMENT.



Pressure and Temperature Limits

The fittings designed to withstand pressures higher than of the tube, which determines the maximum operating conditions. These limits vary depending on the material, the thickness and the temperature (see table below).

In case of high temperature it is necessary to reduce the pressure limits indicated

STAINLESS STEEL FRACTIONAL TUBE

Tube O.D. (inch)	Tubing working pressure (PSI)										
	Tube wall thickness (inch)										
	0.010"	0.012"	0.016"	0.020"	0.028"	0.035"	0.049"	0.065"	0.083"	0.095"	0.109"
1/16"	6.852	8.395	11.519	14.395							
1/8"				6.843	9.948	12.622					
3/16"				4.345	6.342	8.145	11.760				
1/4"					4.575	5.910	8.700	11.773			
3/8"						3.770	5.465	7.520			
1/2"						2.770	3.980	5.415	7.155		
5/8"							3.130	4.240	5.550	6.480	
3/4"							2.570	3.490	4.535	5.270	6.150
7/8"							2.190	2.948	3.845	4.443	5.180
1"								2.568	3.318	3.843	4.462

STAINLESS STEEL METRIC TUBE

Tube O.D. (mm)	Tubing working pressure (BAR)										
	Tube wall thickness (mm)										
	0.5	0.6	0.8	1.0	1.2	1.5	1.6	1.8	2.0	2.2	2.5
3	492	610	825	1.030							
6			382	495	603	775	909				
8			281	357	441	560	603				
10			220	278	342	438	471				
12			180	235	280	360	384	438			
16				170	203	259	278	315	360	398	458
18				148	178	231	245	278	313	350	400
22				121	145	186	201	223	250	278	320
25				104	125	160	175	194	218	243	278

Allowable stress value between -29°C e +38°C (-20°F e +100°F) is 19,500 psi

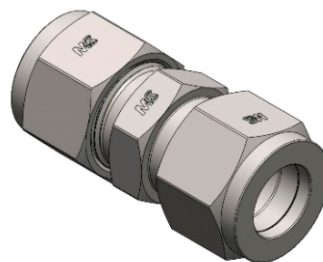
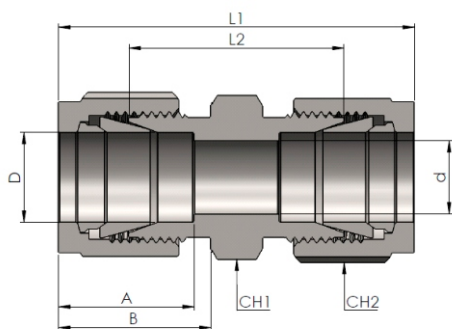
Safety factor is 4 (Ultimate tensile strength is 75,000 psi)

The above data are based on the minimum wall thickness and the maximum O. D. allowed by and under the standard of ASTM A269.

The dimensions are not considered to erosion or corrosion.

Intermedio

Straight Union



Connects Fractional Tubes

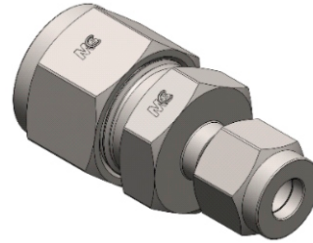
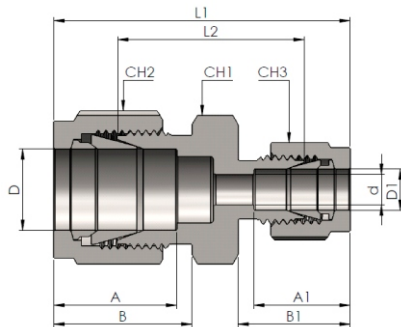
Codice Part Number	D		d	CH1		CH2		A	B	L1	L2
	in	mm		in	mm	in	mm				
SU01	1/16	1,58	1,27	5/16	7,93	7/16	11,11	8,64	10,92	25,14	17,50
SU02	1/8	3,17	2,28	7/16	11,11	7/16	11,11	12,70	15,24	35,56	22,35
SU03	3/16	4,76	3,04	7/16	11,11	1/2	12,70	13,71	16,00	37,33	24,13
SU04	1/4	6,35	4,82	9/16	14,28	9/16	14,28	15,24	17,78	40,89	26,16
SU05	5/16	7,93	6,35	9/16	14,28	5/8	15,87	16,25	18,54	42,92	28,19
SU06	3/8	9,52	7,11	5/8	15,87	11/16	17,46	16,76	19,30	44,95	30,22
SU08	1/2	12,70	10,41	13/16	20,63	7/8	22,22	22,86	21,84	51,30	30,98
SU10	5/8	15,87	12,70	15/16	23,81	1	25,40	24,38	21,84	52,07	31,75
SU12	3/4	19,05	15,74	1.1/16	26,98	1.1/8	28,57	24,38	21,84	53,59	33,27
SU14	7/8	22,22	18,28	1.3/16	30,16	1.1/4	31,75	25,90	21,84	55,37	35,05
SU16	1	25,40	22,35	1.3/8	34,92	1.1/2	38,10	31,24	26,41	64,77	40,38
SU20	1.1/4	31,75	27,68	1.3/4	44,45	1.7/8	47,62	41,14	38,86	92,20	48,00
SU24	1.1/2	38,10	34,03	2.1/8	53,97	2.1/4	57,15	50,03	45,21	107,95	53,60
SU32	2	50,80	45,97	2.3/4	69,85	3	76,20	67,56	62,73	149,35	74,70

Connects Metric Tubes

Codice Part Number	D	d	CH1	CH2	A	B	L1	L2
SU02M	2	1,70	12	11	12,9	15,3	35,6	22,4
SU03M	3	2,40	12	11	12,9	15,3	35,3	22,1
SU04M	4	2,40	12	12	13,7	16,1	37,3	24,1
SU06M	6	4,80	14	14	15,3	17,7	41,0	26,2
SU08M	8	6,40	17	16	16,2	18,6	43,2	28,2
SU10M	10	7,90	19	19	17,2	19,5	46,2	31,0
SU12M	12	9,50	22	22	22,8	22,0	51,2	31,0
SU14M	14	11,11	24	25	24,4	22,0	52,0	31,8
SU15M	15	11,90	24	25	24,4	22,0	52,0	31,8
SU16M	16	12,70	24	25	24,4	22,0	52,0	31,8
SU18M	18	15,10	27	30	24,4	22,0	53,5	33,3
SU20M	20	15,90	30	32	26,0	22,0	55,0	34,8
SU22M	22	18,30	30	32	26,0	22,0	55,0	34,8
SU25M	25	21,80	36	38	31,3	26,5	65,0	40,4

Intermedio di Riduzione

Reducing Union



Connects Fractional Tubes

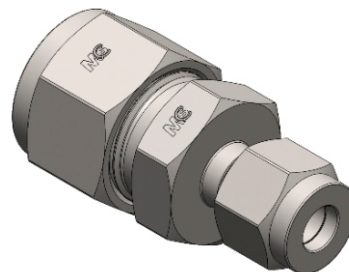
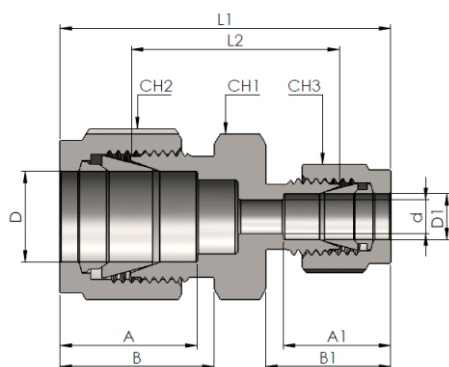
Codice Part Number	D		D1		d	CH1		CH2		CH3		A	A1	B	B1	L1	L2
	in	mm	in	mm		in	mm	in	mm	in	mm						
SRU0201	1/8	3,17	1/16	1,58	1,27	7/16	11,11	7/16	11,11	5/16	7,94	12,70	8,64	15,24	10,93	30,99	20,60
SRU0302	3/16	4,76	1/8	3,17	2,28	7/16	11,11	1/2	12,70	7/16	11,11	13,71	12,70	16,00	15,24	36,57	23,36
SRU0402	1/4	6,35	1/8	3,17	2,28	9/16	14,28	9/16	14,28	7/16	11,11	15,24	12,70	17,78	15,24	38,60	24,63
SRU0403	1/4	6,35	3/16	4,76	3,04	9/16	14,28	9/16	14,28	1/2	12,70	15,24	13,71	17,78	16,00	39,37	25,40
SRU0502	5/16	7,93	1/8	3,17	2,28	9/16	14,28	5/8	15,87	7/16	11,11	16,25	12,70	18,50	15,24	39,87	25,90
SRU0504	5/16	7,93	1/4	6,35	4,82	9/16	14,28	5/8	15,87	9/16	14,28	16,25	15,24	18,54	17,78	42,16	27,43
SRU0602	3/8	9,52	1/8	3,17	2,28	5/8	15,87	11/16	17,46	7/16	11,11	16,76	12,70	19,30	15,24	40,89	26,92
SRU0604	3/8	9,52	1/4	6,35	4,82	5/8	15,87	11/16	17,46	9/16	14,28	16,76	15,24	19,30	17,78	43,18	28,44
SRU0605	3/8	9,52	5/16	7,93	6,35	5/8	15,87	11/16	17,46	5/8	15,87	16,76	16,25	19,30	18,54	44,19	29,46
SRU0802	1/2	12,70	1/8	3,17	2,28	13/16	20,63	7/8	22,22	7/16	11,11	22,86	12,70	21,84	15,24	42,21	28,44
SRU0804	1/2	12,70	1/4	6,35	4,82	13/16	20,63	7/8	22,22	9/16	14,28	22,86	15,24	21,84	17,78	46,99	29,46
SRU0806	1/2	12,70	3/8	9,52	7,11	13/16	20,63	7/8	22,22	11/16	17,46	22,86	16,76	21,84	19,30	48,51	30,98
SRU1006	5/8	15,87	3/8	9,52	7,11	15/16	23,81	1	25,40	11/16	17,46	24,38	16,76	21,84	19,30	49,27	31,75
SRU1008	5/8	15,87	1/2	12,70	10,41	15/16	23,81	1	25,40	7/8	22,22	24,38	22,86	21,84	21,84	52,07	31,75
SRU1204	3/4	19,05	1/4	6,35	4,82	1.1/16	26,98	1.1/8	28,57	9/16	14,28	24,38	15,24	21,84	17,78	49,27	31,75
SRU1206	3/4	19,05	3/8	9,52	7,11	1.1/16	26,98	1.1/8	28,57	11/16	17,46	24,38	16,76	21,84	19,30	50,80	33,27
SRU1208	3/4	19,05	1/2	12,70	10,41	1.1/16	26,98	1.1/8	28,57	7/8	22,22	24,38	22,86	21,84	21,84	53,59	33,27
SRU1210	3/4	19,05	5/8	15,87	12,70	1.1/16	26,98	1.1/8	28,57	1	25,40	24,38	24,38	21,84	21,84	53,59	33,27
SRU1608	1	25,40	1/2	12,70	10,41	1.3/8	34,92	1.1/2	38,10	7/8	22,22	31,24	22,86	26,41	21,84	63,24	40,89
SRU1612	1	25,40	3/4	19,05	15,74	1.3/8	34,92	1.1/2	38,10	1.1/8	28,57	31,24	24,38	26,41	21,84	62,73	40,38

Connects Metric Tubes

Codice Part Number	D	D1	d	CH1	CH2	CH3	A	A1	B	B1	L1	L2
SRU0302M	3	2	1,70	12	11	11	12,9	12,9	15,3	15,3	35,3	22,1
SRU0602M	6	2	1,70	14	14	11	15,3	12,9	17,7	15,3	38,6	24,6
SRU0603M	6	3	2,40	14	14	11	15,3	12,9	17,7	15,3	38,6	24,6
SRU0604M	6	4	2,40	14	14	12	15,3	13,7	17,7	16,1	39,4	25,4
SRU0806M	8	6	4,80	17	16	14	16,2	15,3	18,6	17,7	42,3	27,4
SRU1006M	10	6	4,80	19	19	14	17,2	15,3	19,5	17,7	44,5	29,5
SRU1008M	10	8	6,40	19	19	16	17,2	16,2	19,5	18,6	45,1	30,0
SRU1206M	12	6	4,80	22	22	14	22,8	15,3	11,0	17,7	47,0	29,5
SRU1208M	12	8	6,40	22	22	16	22,8	16,2	22,0	18,6	47,8	30,2
SRU1210M	12	10	7,90	22	22	19	22,8	17,2	22,0	19,5	48,7	31,0
SRU1610M	16	10	7,90	24	25	19	24,4	17,2	22,0	19,5	49,5	31,8
SRU1612M	16	12	9,50	24	25	22	24,4	22,8	22,0	22,0	52,0	31,8
SRU1812M	18	12	9,50	27	30	22	24,4	22,8	22,0	22,0	53,5	33,3
SRU2518M	25	18	15,10	36	38	30	31,3	24,4	26,5	22,0	61,0	38,6
SRU2520M	25	20	15,90	36	38	32	31,3	26,0	26,5	22,0	62,3	39,9

Intermedio metrico-pollici

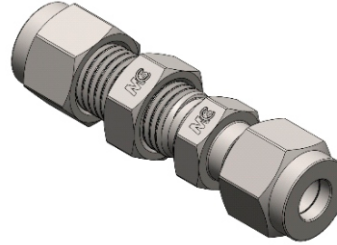
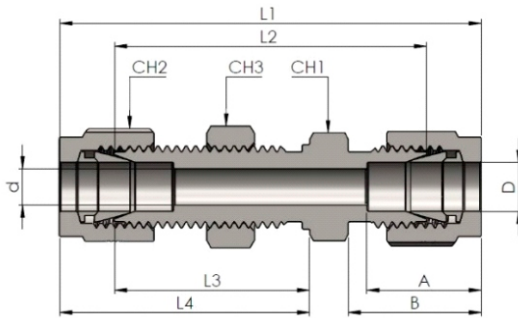
Union metric to fractional



Codice Part Number	D	D1		d	CH1	CH2	CH3		A	A1	B	B1	L1	L2
		in	mm				in	mm						
SUA0302	3	1/8	3,17	2,4	12	12	7/16	11,11	12,9	12,70	15,3	15,24	35,2	22.1
SUA0402	4	1/8	3,17	2,4	12	12	7/16	11,11	13,7	12,70	16,1	15,24	36,5	23.4
SUA0404	4	1/4	6,35	2,4	14	12	9/16	14,28	13,7	15,24	16,1	16,00	39,4	25.4
SUA0602	6	1/8	3,17	2,4	14	14	7/16	11,11	15,3	12,70	17,7	15,24	38,5	24.6
SUA0604	6	1/4	6,35	4,8	14	14	9/16	14,28	15,3	15,24	17,7	16,00	41,0	26.2
SUA0605	6	5/16	7,93	4,8	14	14	5/8	15,87	15,3	16,25	17,7	18,54	42,3	27.4
SUA0804	8	1/4	6,35	4,8	17	17	9/16	14,28	16,2	15,24	18,6	16,00	42,3	27.4
SUA1002	10	1/8	3,17	2,4	17	19	7/16	11,11	17,2	12,70	19,5	15,24	41,8	27.7
SUA1004	10	1/4	6,35	4,8	17	19	9/16	14,28	17,2	15,24	19,5	16,00	44,5	29.5
SUA1005	10	5/16	7,93	6,4	17	19	5/8	15,87	17,2	16,25	19,5	18,54	45,1	30.0
SUA1006	10	3/8	9,52	7,1	17	19	11/16	17,46	17,2	16,76	19,5	19,30	45,9	31.0
SUA1204	12	1/4	6,35	4,8	22	22	9/16	14,28	22,8	15,24	22,0	16,00	47,0	30.2
SUA1205	12	5/16	7,93	6,4	22	22	5/8	15,87	22,8	16,25	22,0	18,54	47,8	31.0
SUA1206	12	3/8	9,52	7,1	22	22	11/16	17,46	22,8	16,76	22,0	19,30	48,4	31.0
SUA1508	15	1/2	12,70	10,3	24	24	7/8	22,22	24,4	22,86	22,0	21,84	52,0	31.8
SUA1610	16	5/8	15,87	12,7	24	24	1	25,40	24,4	24,38	22,0	21,84	52,0	31.8
SUA1812	18	3/4	19,05	15,1	27	30	1.1/8	28,57	24,4	24,38	22,0	21,84	53,5	33.3
SUA2012	20	3/4	19,05	15,9	30	32	1.1/8	28,57	26,0	24,38	22,0	21,84	54,9	34.8
SUA2016	20	1	25,40	15,9	36	32	1.1/2	38,10	26,0	31,24	22,0	26,41	62,8	40.4
SUA2516	25	1	25,40	21,8	36	38	1.1/2	38,10	31,3	31,24	26,5	26,41	65,0	40.4

Passaparete Intermedio

Union Bulkhead



Connects Fractional Tubes

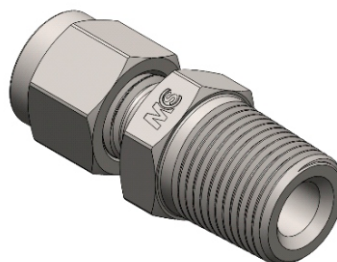
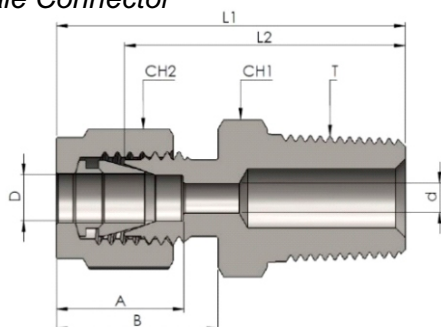
Codice Part Number	D		d	CH1, CH3		CH2		A	B	L1	L2	L3	L4	Diametro Foro pannello	Spessore Max. Pannello
	in	mm		in	mm	in	mm							Panel Hole Drill Size	Panel Max Thickness
SUBK02	1/8	3,17	2,28	9/16	14,28	7/16	11,11	12,70	15,24	51,30	38,10	24,63	31,24	8,33	12,70
SUBK03	3/16	4,76	3,04	9/16	14,28	1/2	12,70	13,71	16,00	53,59	40,38	25,40	32,00	9,92	12,70
SUBK04	1/4	6,35	4,82	5/8	15,87	9/16	14,28	15,24	17,78	57,65	42,92	26,16	33,52	11,50	10,16
SUBK05	5/16	7,93	6,35	11/16	17,46	5/8	15,87	16,25	18,54	60,70	45,97	28,44	35,81	13,09	11,17
SUBK06	3/8	9,52	7,11	3/4	19,05	11/16	17,46	16,76	19,30	62,23	47,49	29,46	36,83	14,68	11,17
SUBK08	1/2	12,70	10,41	15/16	23,81	7/8	22,22	22,86	21,84	71,12	50,80	31,75	41,91	19,44	12,70
SUBK10	5/8	15,87	12,70	1.1/16	26,98	1	25,40	24,38	21,84	72,64	52,32	32,51	42,67	22,62	12,70
SUBK12	3/4	19,05	15,74	1.3/16	30,16	1.1/8	28,57	24,38	21,84	78,99	58,67	37,33	47,49	25,79	16,76
SUBK14	7/8	22,22	18,28	1.3/8	34,92	1.1/4	31,75	25,90	21,84	84,58	64,26	42,92	53,08	28,97	19,05
SUBK16	1	25,40	22,35	1.5/8	41,27	1.1/2	38,10	31,24	26,41	95,75	71,37	45,21	57,40	33,73	19,05
SUBK20	1.1/4	31,75	27,68	1.7/8	47,62	1.7/8	47,62	41,14	38,86	123,19	78,99	47,75	69,85	41,67	19,05
SUBK24	1.1/2	38,10	34,03	2.1/4	57,16	2.1/4	57,15	50,03	45,21	139,19	84,83	49,27	76,45	49,61	19,05
SUBK32	2	50,80	45,97	2.3/4	69,85	3	76,20	67,56	62,73	180,34	105,66	56,38	93,72	67,07	19,05

Connects Metric Tubes

Codice Part Number	D	d	CH1	CH2	CH3	A	B	L1	L2	L3	L4	Diametro foro pannello	Spessore Max. Pannello
												Panel Hole Drill Size	Panel Max Thickness
SUBK03M	3	2,40	14	11	14	12,9	15,3	51,3	38,1	24,6	31,2	8,3	12,7
SUBK04M	4	2,40	14	12	14	13,7	16,1	53,6	40,4	25,4	32,0	9,9	12,7
SUBK06M	6	4,80	17	14	17	15,3	17,7	57,7	42,9	26,2	33,6	11,5	10,2
SUBK08M	8	6,40	19	16	17	16,2	18,6	61,0	46,0	28,6	36,1	13,1	11,2
SUBK10M	10	7,90	22	19	22	17,2	19,5	63,7	48,5	29,4	37,0	16,2	11,2
SUBK12M	12	9,50	24	22	24	22,8	22,0	71,0	50,8	31,8	41,9	19,5	12,7
SUBK15M	15	11,90	27	25	27	24,4	22,0	72,5	52,3	32,5	42,6	22,8	12,7
SUBK16M	16	12,70	27	25	27	24,4	22,0	72,5	52,3	32,5	42,6	22,8	12,7
SUBK18M	18	15,10	30	30	30	24,4	22,0	78,9	58,7	37,3	47,4	26,0	16,8
SUBK20M	20	15,90	36	32	36	26,0	22,0	84,5	64,3	42,9	53,0	29,0	17,0
SUBK22M	22	18,30	36	32	36	26,0	22,0	84,5	64,3	42,9	53,0	29,0	19,1
SUBK25M	25	21,80	41	38	41	31,3	26,5	95,9	71,4	45,2	57,5	33,7	19,1
SUBK32M	32	28,60	50	50	50	42,0	41,6	128,3	82,3	49,5	72,5	42,5	19,0
SUBK38M	38	33,70	60	60	60	49,4	47,9	144,6	89,4	51,5	79,1	50,5	19,0

Connettore Maschio NPT

NPT Male Connector



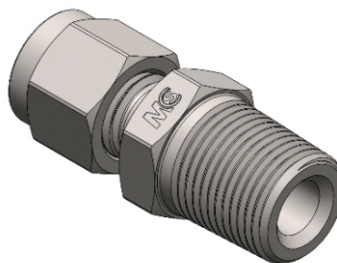
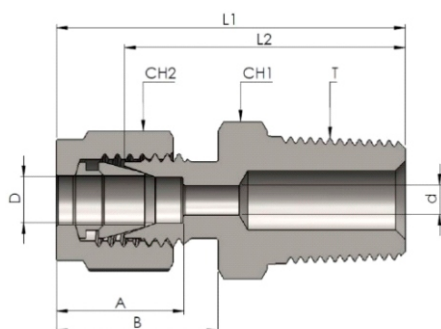
Connects Fractional Tubes

Codice Part Number	D		T (NPT)	d	CH1		CH2		A	B	L1	L2
	in	mm			in	mm	in	mm				
SUNPT0101	1/16	1,59	1/16	1,27	5/16	7,94	5/16	7,94	8,64	10,92	23,87	20,00
SUNPT0102	1/16	1,59	1/8	1,27	7/16	11,11	7/16	11,11	8,64	10,92	26,16	22,35
SUNPT0202	1/8	3,17	1/8	2,28	7/16	11,11	7/16	11,11	12,70	15,24	30,48	23,87
SUNPT0204	1/8	3,17	1/4	2,28	9/16	14,28	7/16	11,11	12,70	15,24	35,56	28,95
SUNPT0206	1/8	3,17	3/8	2,28	11/16	17,46	7/16	11,11	12,70	15,24	35,81	29,21
SUNPT0208	1/8	3,17	1/2	2,28	7/8	22,22	7/16	11,11	12,70	15,24	42,16	35,56
SUNPT0302	3/16	4,76	1/8	3,04	7/16	11,11	1/2	12,70	13,71	16,00	31,24	24,63
SUNPT0304	3/16	4,76	1/4	3,04	9/16	14,28	1/2	12,70	13,71	16,00	36,32	29,71
SUNPT0402	1/4	6,35	1/8	4,82	9/16	14,28	9/16	14,28	15,24	17,78	32,76	25,40
SUNPT0404	1/4	6,35	1/4	4,82	9/16	14,28	9/16	14,28	15,24	17,78	37,84	30,48
SUNPT0406	1/4	6,35	3/8	4,82	11/16	17,46	9/16	14,28	15,24	17,78	38,35	30,98
SUNPT0408	1/4	6,35	1/2	4,82	7/8	22,22	9/16	14,28	15,24	17,78	44,70	37,33
SUNPT0412	1/4	6,35	3/4	4,82	1.1/16	26,98	9/16	14,28	15,24	17,78	46,22	38,86
SUNPT0502	5/16	7,93	1/8	4,82	9/16	14,28	5/8	15,87	16,25	18,54	34,03	26,67
SUNPT0504	5/16	7,93	1/4	6,35	9/16	14,28	5/8	15,87	16,25	18,54	38,60	31,24
SUNPT0506	5/16	7,93	3/8	6,35	11/16	17,46	5/8	15,87	16,25	18,54	39,11	31,75
SUNPT0602	3/8	9,52	1/8	4,82	5/8	15,87	11/16	17,46	16,76	19,30	35,30	27,94
SUNPT0604	3/8	9,52	1/4	7,11	5/8	15,87	11/16	17,46	16,76	19,30	39,87	32,51
SUNPT0606	3/8	9,52	3/8	7,11	11/16	17,46	11/16	17,46	16,76	19,30	39,87	32,51
SUNPT0608	3/8	9,52	1/2	7,11	7/8	22,22	11/16	17,46	16,76	19,30	46,22	38,86
SUNPT0612	3/8	9,52	3/4	7,11	1.1/16	26,98	11/16	17,46	16,76	19,30	47,75	40,38
SUNPT0802	1/2	12,70	1/8	4,82	13/16	20,63	7/8	22,22	22,86	21,84	38,86	28,70
SUNPT0804	1/2	12,70	1/4	7,11	13/16	20,63	7/8	22,22	22,86	21,84	43,43	33,27
SUNPT0806	1/2	12,70	3/8	9,65	13/16	20,63	7/8	22,22	22,86	21,84	43,43	33,27
SUNPT0808	1/2	12,70	1/2	10,41	7/8	22,22	7/8	22,22	22,86	21,84	49,02	38,86
SUNPT0812	1/2	12,70	3/4	10,41	1.1/16	26,98	7/8	22,22	22,86	21,84	50,54	40,38
SUNPT0816	1/2	12,70	1	10,41	1.3/8	34,92	7/8	22,22	22,86	21,84	57,15	46,99
SUNPT1006	5/8	15,87	3/8	9,65	15/16	23,81	1	25,4	24,38	21,84	44,19	34,03
SUNPT1008	5/8	15,87	1/2	11,93	15/16	23,81	1	25,4	24,38	21,84	49,02	38,86
SUNPT1012	5/8	15,87	3/4	12,70	1.1/16	26,98	1	25,4	24,38	21,84	50,54	40,38
SUNPT1208	3/4	19,05	1/2	11,93	1.1/16	26,98	1.1/8	28,57	24,38	21,84	50,54	40,38
SUNPT1212	3/4	19,05	3/4	15,74	1.1/16	26,98	1.1/8	28,57	24,38	21,84	50,54	40,38
SUNPT1216	3/4	19,05	1	15,74	1.3/8	34,92	1.1/8	28,57	24,38	21,84	57,15	46,99
SUNPT1412	7/8	22,22	3/4	15,74	1.3/16	30,16	1.1/4	31,75	25,90	21,84	50,54	40,38
SUNPT1416	7/8	22,22	1	18,28	1.3/8	34,92	1.1/4	31,75	25,90	21,84	57,15	46,99
SUNPT1608	1	25,40	1/2	11,93	1.3/8	34,92	1.1/2	38,10	31,24	26,41	57,40	45,21
SUNPT1612	1	25,40	3/4	15,74	1.3/8	34,92	1.1/2	38,10	31,24	26,41	57,40	45,21
SUNPT1616	1	25,40	1	22,35	1.3/8	34,92	1.1/2	38,10	31,24	26,41	62,23	50,03
SUNPT2016	1.1/4	31,75	1	22,35	1.3/4	44,45	1.7/8	47,62	41,14	38,86	77,21	55,11
SUNPT2020	1.1/4	31,75	1.1/4	27,68	1.3/4	44,45	1.7/8	47,62	41,14	38,86	77,21	55,11
SUNPT2424	1.1/2	38,10	1.1/2	34,03	2.1/8	53,97	2.1/4	57,15	50,03	45,21	88,90	61,72
SUNPT3232	2	50,80	2	45,97	2.3/4	69,85	3	76,20	67,56	62,73	113,53	76,20

Codice Part Number	D	T (NPT)	d	CH1	CH2	A	B	L1	L2
SUNPT0202M	2	1/8	1,70	12	11	12,9	15,3	30,5	23.9
SUNPT0302M	3	1/8	2,40	12	11	12,9	15,3	30,5	23.9
SUNPT0304M	3	1/4	2,40	14	11	12,9	15,3	35,6	29.0
SUNPT0402M	4	1/8	2,40	12	12	13,7	16,1	31,2	24.6
SUNPT0404M	4	1/4	2,40	14	12	13,7	16,1	36,3	29.7
SUNPT0602M	6	1/8	4,80	14	14	15,3	17,7	32,8	25.4
SUNPT0604M	6	1/4	4,80	14	14	15,3	17,7	37,9	30.5
SUNPT0606M	6	3/8	4,80	18	14	15,3	17,7	38,4	31.0
SUNPT0608M	6	1/2	4,80	22	14	15,3	17,7	44,7	37.3
SUNPT0802M	8	1/8	4,80	16	16	16,2	18,6	34,2	26.7
SUNPT0804M	8	1/4	6,40	16	16	16,2	18,6	38,7	31.2
SUNPT0806M	8	3/8	6,40	19	16	16,2	18,6	39,3	31.8
SUNPT0808M	8	1/2	6,40	22	16	16,2	18,6	45,6	38.1
SUNPT1002M	10	1/8	4,80	19	19	17,2	19,5	36,3	28.7
SUNPT1004M	10	1/4	7,10	19	19	17,2	19,5	40,9	33.3
SUNPT1006M	10	3/8	7,10	19	19	17,2	19,5	40,9	33.3
SUNPT1008M	10	1/2	7,10	22	19	17,2	19,5	46,5	38.9
SUNPT1202M	12	1/8	4,80	22	22	22,8	22,0	38,8	28.7
SUNPT1204M	12	1/4	7,10	22	22	22,8	22,0	43,4	33.3
SUNPT1206M	12	3/8	9,50	22	22	22,8	22,0	43,4	33.3
SUNPT1208M	12	1/2	9,50	22	22	22,8	22,0	49,0	38.9
SUNPT1212M	12	3/4	9,50	27	22	22,8	22,0	50,5	40.4
SUNPT1404M	14	1/4	7,10	24	25	24,4	22,0	44,1	34.0
SUNPT1406M	14	3/8	9,50	24	25	24,4	22,0	44,1	34.0
SUNPT1408M	14	1/2	11,10	24	25	24,4	22,0	49,0	38.9
SUNPT1606M	16	3/8	9,50	24	25	24,4	22,0	44,1	34.0
SUNPT1608M	16	1/2	11,90	24	25	24,4	22,0	49,0	38.9
SUNPT1612M	16	3/4	12,70	27	25	24,4	22,0	50,5	40.4
SUNPT1808M	18	1/2	11,90	27	30	24,4	22,0	50,5	40.4
SUNPT1812M	18	3/4	15,1	27	30	24,4	22,0	50,5	40.4
SUNPT2008M	20	1/2	11,90	30	32	26,0	22,0	52,3	42.2
SUNPT2012M	20	3/4	15,90	30	32	26,0	22,0	52,3	42.2
SUNPT2212M	22	3/4	15,90	30	32	26,0	22,0	52,3	42.2
SUNPT2216M	22	1	18,30	36	32	26,0	22,0	57,1	47.0
SUNPT2512M	25	3/4	15,90	36	38	31,3	26,5	57,5	45.2
SUNPT2516M	25	1	21,80	36	38	31,3	26,5	62,3	50.0
SUNPT2816M	28	1	21,80	41	46	36,6	36,6	72,4	51.6
SUNPT2820M	28	1.1/4	21,80	46	46	36,6	36,6	73,1	52.3
SUNPT3020M	30	1.1/4	26,20	46	50	39,6	39,2	77,2	55.6
SUNPT3824M	38	1.1/2	33,70	55	60	49,4	47,9	91,6	64.0

Connettore Maschio Gas Conico

BSPT Male Connector



Connects Fractional Tubes

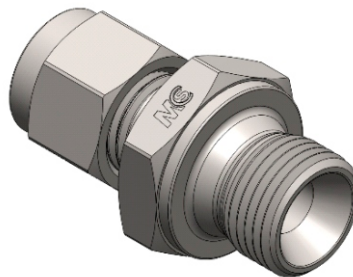
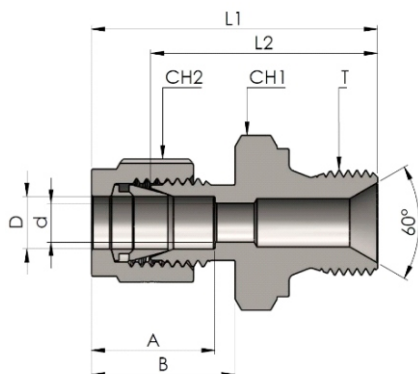
Codice Part Number	D		T (BSPT)	d	CH1		CH2		A	B	L1	L2
	in	mm			in	mm	in	mm				
SUBSPT0202	1/8	3,17	1/8	2,28	7/16	11,11	7/16	11,11	12,70	15,24	30,48	23,87
SUBSPT0204	1/8	3,17	1/4	2,28	9/16	14,28	7/16	11,11	12,70	15,24	35,56	28,95
SUBSPT0402	1/4	6,35	1/8	4,82	9/16	14,28	9/16	14,28	15,24	17,78	32,76	25,40
SUBSPT0404	1/4	6,35	1/4	4,82	9/16	14,28	9/16	14,28	15,24	17,78	37,84	30,48
SUBSPT0406	1/4	6,35	3/8	4,82	11/16	17,46	9/16	14,28	15,24	17,78	38,35	30,98
SUBSPT0408	1/4	6,35	1/2	4,82	7/8	22,22	9/16	14,28	15,24	17,78	44,70	37,33
SUBSPT0502	5/16	7,93	1/8	4,82	9/16	14,28	5/8	15,87	16,25	18,54	34,03	26,67
SUBSPT0504	5/16	7,93	1/4	6,35	9/16	14,28	5/8	15,87	16,25	18,54	38,60	31,24
SUBSPT0602	3/8	9,52	1/8	4,82	5/8	15,87	11/16	17,46	16,76	19,30	35,30	27,94
SUBSPT0604	3/8	9,52	1/4	7,11	5/8	15,87	11/16	17,46	16,76	19,30	39,87	32,51
SUBSPT0606	3/8	9,52	3/8	7,11	11/16	17,46	11/16	17,46	16,76	19,30	39,87	32,51
SUBSPT0608	3/8	9,52	1/2	7,11	7/8	22,22	11/16	17,46	16,76	19,30	46,22	38,86
SUBSPT0612	3/8	9,52	3/4	7,11	1.1/16	26,98	11/16	17,46	16,76	19,30	47,75	40,38
SUBSPT0804	1/2	12,70	1/4	7,11	13/16	20,63	7/8	22,22	22,86	21,84	43,43	33,27
SUBSPT0806	1/2	12,70	3/8	9,65	13/16	20,63	7/8	22,22	22,86	21,84	43,43	33,27
SUBSPT0808	1/2	12,70	1/2	10,41	7/8	22,22	7/8	22,22	22,86	21,84	49,02	38,86
SUBSPT0812	1/2	12,70	3/4	10,41	1.1/16	26,98	7/8	22,22	22,86	21,84	50,54	40,38
SUBSPT1008	5/8	15,87	1/2	11,93	15/16	23,81	1	25,4	24,38	21,84	49,02	38,86
SUBSPT1212	3/4	19,05	3/4	15,74	1.1/16	26,98	1.1/8	28,57	24,38	21,84	50,54	40,38
SUBSPT1216	3/4	19,05	1	15,74	1.3/8	34,92	1.1/8	28,57	24,38	21,84	57,15	46,99
SUBSPT1612	1	25,40	3/4	15,74	1.3/8	34,92	1.1/2	38,10	31,24	26,41	57,40	45,21
SUBSPT1616	1	25,40	1	22,35	1.3/8	34,92	1.1/2	38,10	31,24	26,41	62,23	50,03
SUBSPT2020	1.1/4	31,75	1.1/4	27,68	1.3/4	44,45	1.7/8	47,62	41,14	38,86	77,21	55,11

Connects Metric Tubes

Codice Part Number	D	T (BSPT)	d	CH1	CH2	A	B	L1	L2
SUBSPT0202M	2	1/8	1,70	12	11	12,9	15,3	30,5	23.9
SUBSPT0302M	3	1/8	2,40	12	11	12,9	15,3	30,5	23.9
SUBSPT0304M	3	1/4	2,40	14	11	12,9	15,3	35,6	29.0
SUBSPT0402M	4	1/8	2,40	12	12	13,7	16,1	31,2	24.6
SUBSPT0404M	4	1/4	2,40	14	12	13,7	16,1	36,3	29.7
SUBSPT0602M	6	1/8	4,80	14	14	15,3	17,7	32,8	25.4
SUBSPT0604M	6	1/8	4,80	14	14	15,3	17,7	37,9	30.5
SUBSPT0606M	6	3/8	4,80	18	14	15,3	17,7	38,4	31.0
SUBSPT0608M	6	1/2	4,80	22	14	15,3	17,7	44,7	37.3
SUBSPT0802M	8	1/8	4,80	16	16	16,2	18,6	34,2	26.7
SUBSPT0804M	8	1/4	6,40	16	16	16,2	18,6	38,7	31.2
SUBSPT0806M	8	3/8	6,40	19	16	16,2	18,6	39,3	31.8
SUBSPT0808M	8	1/2	6,40	22	16	16,2	18,6	45,6	38.1
SUBSPT1002M	10	1/8	4,80	19	19	17,2	19,5	36,3	28.7
SUBSPT1004M	10	1/4	7,10	19	19	17,2	19,5	40,9	33.3
SUBSPT1006M	10	3/8	7,10	19	19	17,2	19,5	40,9	33.3
SUBSPT1008M	10	1/2	7,10	22	19	17,2	19,5	46,5	38.9
SUBSPT1012M	10	3/4	7,10	22	19	22,8	22,0	47,75	40,38
SUBSPT1204M	12	1/4	7,10	22	22	22,8	22,0	43,4	33.3
SUBSPT1206M	12	3/8	9,50	22	22	22,8	22,0	43,4	33.3
SUBSPT1208M	12	1/2	9,50	22	22	22,8	22,0	49,0	38.9
SUBSPT1212M	12	3/4	9,50	27	22	22,8	22,0	50,5	40.4
SUBSPT1404M	14	1/4	7,10	24	25	24,4	22,0	44,1	34.0
SUBSPT1406M	14	3/8	9,50	24	25	24,4	22,0	44,1	34.0
SUBSPT1604M	16	1/4	9,50	24	25	22,8	22,0	44,1	34.0
SUBSPT1606M	16	3/8	9,50	24	25	24,4	22,0	44,1	34.0
SUBSPT1608M	16	1/2	11,90	24	25	24,4	22,0	49,0	38.9
SUBSPT1612M	16	3/4	12,70	27	25	24,4	22,0	50,5	40.4
SUBSPT1808M	18	1/2	11,90	27	30	24,4	22,0	50,5	40.4
SUBSPT1812M	18	3/4	15,1	27	30	24,4	22,0	50,5	40.4
SUBSPT2008M	20	1/2	11,90	30	32	26,0	22,0	52,3	42.2
SUBSPT2012M	20	3/4	15,90	30	32	26,0	22,0	52,3	42.2
SUBSPT2212M	22	3/4	15,90	30	32	26,0	22,0	52,3	42.2
SUBSPT2216M	22	1	18,30	36	32	26,0	22,0	57,1	47.0
SUBSPT2508M	25	1/2	11,90	36	32	24,4	22,0	57,5	45.2
SUBSPT2512M	25	3/4	15,90	36	38	31,3	26,5	57,5	45.2
SUBSPT2516M	25	1	21,80	36	38	31,3	26,5	62,3	50.0
SUBSPT2816M	28	1	21,80	41	46	36,6	36,6	72,4	51.6
SUBSPT2820M	28	1.1/4	21,80	46	46	36,6	36,6	73,1	52.3
SUBSPT3020M	30	1.1/4	26,20	46	50	39,6	39,2	77,2	55.6
SUBSPT3220M	32	1.1/4	26,20	55	50	39,6	39,2	77,2	55.6
SUBSPT3824M	38	1.1/2	33,70	55	60	49,4	47,9	91,6	64.0

Connettore Maschio BSP

BSP Male Connector



Connects Fractional Tubes

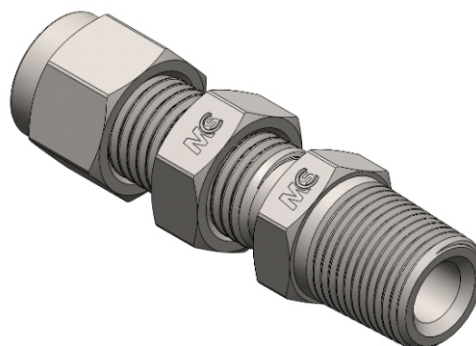
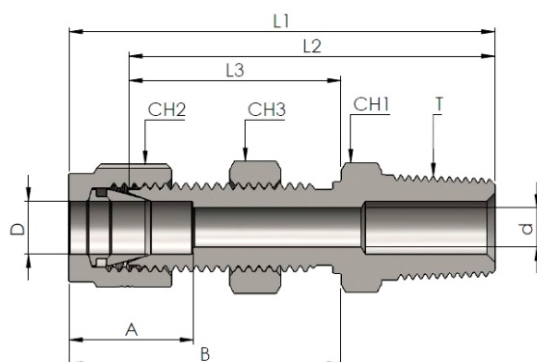
Codice Part Number	D		T (BSP)	d	CH1		CH2		A	B	L1	L2
	in	mm			in	mm	in	mm				
SUBSP0202	1/8	3,17	1/8	2,28	9/16	14,28	7/16	11,11	12,70	15,24	33,27	24,20
SUBSP0204	1/8	3,17	1/4	2,28	3/4	19,05	7/16	11,11	12,70	15,24	38,10	28,20
SUBSP0206	1/8	3,17	3/8	2,28	7/8	22,22	7/16	11,11	12,70	15,24	38,86	30,20
SUBSP0402	1/4	6,35	1/8	4,06	9/16	14,28	9/16	14,28	15,24	17,78	35,56	26,00
SUBSP0404	1/4	6,35	1/4	4,83	3/4	19,05	9/16	14,28	15,24	17,78	40,39	30,00
SUBSP0406	1/4	6,35	3/8	4,83	7/8	22,22	9/16	14,28	15,24	17,78	41,15	32,00
SUBSP0408	1/4	6,35	1/2	4,83	1.1/16	26,98	9/16	14,28	15,24	17,78	43,18	34,00
SUBSP0602	3/8	9,52	1/8	4,06	5/8	15,87	11/16	17,46	16,76	19,30	37,85	27,50
SUBSP0604	3/8	9,52	1/4	5,84	3/4	19,05	11/16	17,46	16,76	19,30	41,91	31,50
SUBSP0606	3/8	9,52	3/8	7,11	7/8	22,22	11/16	17,46	16,76	19,30	42,67	32,50
SUBSP0608	3/8	9,52	1/2	7,11	1.1/16	26,98	11/16	17,46	16,76	19,30	44,70	23,50
SUBSP0804	1/2	12,70	1/4	5,84	13/16	20,63	7/8	22,22	22,86	21,84	44,70	31,30
SUBSP0806	1/2	12,70	3/8	7,87	7/8	22,22	7/8	22,22	22,86	21,84	45,47	33,33
SUBSP0808	1/2	12,70	1/2	10,41	1.1/16	26,98	7/8	22,22	22,86	21,84	47,50	35,30
SUBSP1208	3/4	19,05	1/2	11,94	1.1/16	26,98	1.1/8	28,57	24,38	21,84	48,77	35,30
SUBSP1212	3/4	19,05	3/4	15,75	1.5/16	33,33	1.1/8	28,57	24,38	21,84	52,07	36,80
SUBSP1608	1	25,4	1/2	11,94	1.3/8	34,92	1.1/2	38,10	31,24	26,41	55,63	37,70
SUBSP1612	1	25,4	3/4	16,00	1.3/8	34,92	1.1/2	38,10	31,24	26,41	57,66	39,20
SUBSP1616	1	25,4	1	19,81	1.5/8	41,27	1.1/2	38,10	31,24	26,41	59,69	46,20

Connects Metric Tubes

Codice Part Number	D	T (BSP)	d	CH1	CH2	A	B	L1	L2
SUBSP0202M	2	1/8	1,70	14	11	12,90	15,30	33,30	
SUBSP0302M	3	1/8	2,40	14	11	12,90	15,30	33,30	
SUBSP0304M	3	1/4	2,40	19	11	12,90	15,30	38,10	
SUBSP0402M	4	1/8	2,40	14	12	13,70	16,10	34,00	
SUBSP0602M	6	1/4	4,00	14	14	15,30	17,70	35,60	
SUBSP0604M	6	1/4	4,80	19	14	15,30	17,70	40,40	
SUBSP0606M	6	3/8	4,80	22	14	15,30	17,70	41,10	
SUBSP0608M	6	1/2	4,80	27	14	15,30	17,70	43,20	
SUBSP0802M	8	1/8	4,00	17	16	16,20	18,60	36,60	
SUBSP0804M	8	1/4	5,90	19	16	16,20	18,60	41,40	
SUBSP0806M	8	3/8	6,40	22	16	16,20	18,60	42,20	
SUBSP0808M	8	1/2	6,40	27	16	16,20	18,60	44,20	
SUBSP1004M	10	1/4	5,90	19	19	17,20	19,50	42,20	
SUBSP1006M	10	3/8	7,90	22	19	17,20	19,50	42,90	
SUBSP1008M	10	1/2	7,90	27	19	17,20	19,50	45,00	
SUBSP1204M	12	1/4	5,90	22	22	22,80	22,00	44,50	
SUBSP1206M	12	3/8	7,90	22	22	22,80	22,00	45,50	
SUBSP1208M	12	1/2	9,50	27	22	22,80	22,00	47,50	
SUBSP1212M	12	3/4	9,50	36	22	22,80	22,00	52,10	
SUBSP1406M	14	3/8	7,90	24	25	24,40		43,90	
SUBSP1408M	14	1/2	11,10	27	25	24,40		47,50	
SUBSP1506M	15	3/8	7,90	24	25	24,40	22,00	45,50	
SUBSP1508M	15	1/2	11,90	27	25	24,40	22,00	47,50	
SUBSP1512M	15	3/4	11,90	36	25	24,40	22,00	52,80	
SUBSP1606M	16	3/8	7,90	24	25	24,40	22,00	45,50	
SUBSP1608M	16	1/2	11,90	27	25	24,40	22,00	47,50	
SUBSP1612M	16	3/4	15,10	36	25	24,40	22,00	52,80	
SUBSP1808M	18	1/2	11,90	27	30	24,40	22,00	48,80	
SUBSP1812M	18	3/4	15,90	36	30	24,40	22,00	52,10	
SUBSP2008M	20	1/2	18,30	30	32	26,00	22,00	50,50	
SUBSP2012M	20	3/4	15,90	36	32	26,00	22,00	52,60	
SUBSP2212M	22	3/4	15,90	36	32	26,00	22,00	52,60	
SUBSP2216M	22	1	18,30	41	32	26,00	22,00	54,90	
SUBSP2512M	25	3/4	15,90	35	38	31,30	26,50	57,70	
SUBSP2516M	25	1	19,80	41	38	31,30	26,50	59,70	
SUBSP2816M	28	1	19,80	41	46	36,60	36,60	69,90	
SUBSP2820M	28	1.1/4	21,80	50	46	36,60		72,90	
SUBSP3020M	30	1.1/4	26,20	50	50	39,60		76,70	
SUBSP3220M	32	1.1/4	28,60	50	50	42,00	41,60	79,20	
SUBSP3824M	38	1.1/2	31,80	55	60	49,40	47,90	90,90	

Connettore Passaparete Maschio NPT

NPT Male Bulkhead Connector

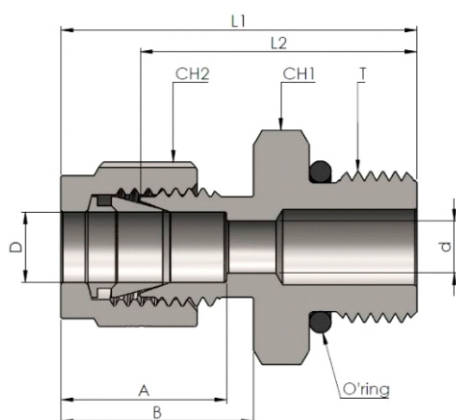


Connects Fractional Tubes

Codice Part Number	D		T (NPT)	d	CH1		CH2		CH3		A	B	L1	L2	L3	Diametro Foro pannello	Spessore Max. Pannello
	in	mm			in	mm	in	mm	in	mm						Panel Hole Drill Size	Panel Max Thickness
SUBKNPT0202	1/8	3,17	1/8	2,28	9/16	14,29	7/16	11,11	1/2	12,70	12,70	31,24	46,48	39,87	24,63	8,33	12,20
SUBKNPT0402	1/4	6,35	1/8	4,82	5/8	15,87	9/16	14,28	5/8	15,87	15,24	33,52	49,53	42,16	26,16	11,50	10,16
SUBKNPT0404	1/4	6,35	1/4	4,82	5/8	15,87	9/16	14,28	5/8	15,87	15,24	33,52	53,34	45,97	26,16	11,50	10,16
SUBKNPT0604	3/8	9,52	1/4	7,11	3/4	19,05	11/16	17,46	3/4	19,05	16,76	36,83	57,40	50,03	29,46	14,68	11,17
SUBKNPT0606	3/8	9,52	3/8	7,11	3/4	19,05	11/16	17,46	3/4	19,05	16,76	36,83	57,40	50,03	29,46	14,68	11,17
SUBKNPT0608	3/8	9,52	1/2	7,11	7/8	22,22	11/16	17,46	3/4	19,05	16,76	36,83	63,75	56,38	29,46	14,68	11,17
SUBKNPT0806	1/2	12,70	3/8	9,39	15/16	23,81	7/8	22,22	15/16	23,81	22,86	41,91	43,24	53,08	31,75	19,44	12,70
SUBKNPT0808	1/2	12,70	1/2	10,41	15/16	23,81	7/8	22,22	15/16	23,81	22,86	41,91	68,83	58,67	31,75	19,44	12,70
SUBKNPT1212	3/4	19,05	3/4	15,74	1.3/16	30,16	1.1/8	28,57	1.3/16	30,16	24,38	47,49	76,20	66,04	37,33	25,76	16,76
SUBKNPT1616	1	25,40	1	22,35	1.5/8	41,27	1.1/2	38,10	1.5/8	41,27	31,24	57,40	93,21	81,02	45,21	33,73	19,05

Connettore UNF con tenuta O'ring

UNF Male Connector O'ring seal



Connects Fractional Tubes

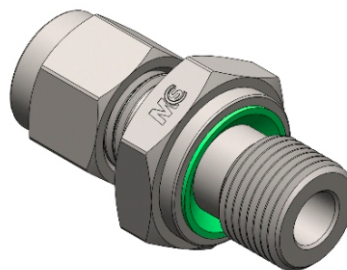
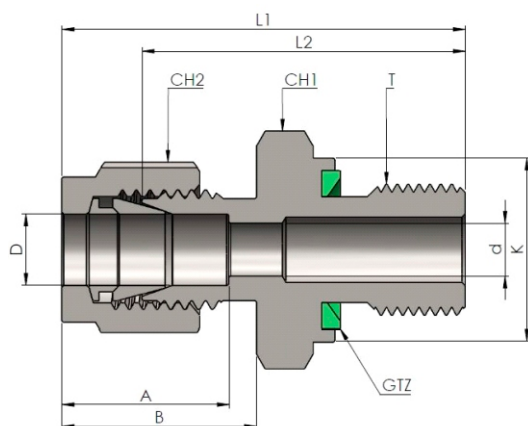
Codice Part Number	D		T (U)	d	CH1		CH2		A	B	L1	L2
	in	mm			in	mm	in	mm				
SUUNF0202	1/8	3,17	5/16-24	2,28	7/16	11,11	7/16	11,11	12,70	15,24	29,97	23,26
SUUNF0204	1/8	3,17	7/16-20	2,28	9/16	14,28	7/16	11,11	12,70	15,24	31,49	24,89
SUUNF0404	1/4	6,35	7/16-20	4,82	9/16	14,28	9/16	14,28	15,24	17,78	34,03	26,67
SUUNF0406	1/4	6,35	9/16-18	4,82	11/16	17,46	9/16	14,28	15,24	17,78	35,56	28,19
SUUNF0408	1/4	6,35	3/4-16	4,82	7/8	22,22	9/16	14,28	15,24	17,78	37,59	30,22
SUUNF0410	1/4	6,35	7/8-14	4,82	1	25,40	9/16	14,28	15,24	17,78	40,64	33,27
SUUNF0505	5/16	7,93	1/2-20	5,84	5/8	15,87	5/8	15,87	16,25	18,54	34,79	27,43
SUUNF0604	3/8	9,52	7/16-20	5,08	5/8	15,87	11/16	17,46	16,76	19,30	35,56	28,19
SUUNF0606	3/8	9,52	9/16-18	7,11	11/16	17,46	11/16	17,46	16,76	19,30	37,08	29,71
SUUNF0608	3/8	9,52	3/4-16	7,11	7/8	22,22	11/16	17,46	16,76	19,30	39,11	31,75
SUUNF0610	3/8	9,52	7/8-14	7,11	1	25,40	11/16	17,46	16,76	19,30	42,16	34,79
SUUNF0806	1/2	12,70	9/16-18	7,11	13/16	20,63	7/8	22,22	22,86	21,84	39,11	28,95
SUUNF0808	1/2	12,70	3/4-16	10,41	7/8	22,22	7/8	22,22	22,86	21,84	41,91	31,75
SUUNF0810	1/2	12,70	7/8-14	10,41	1	25,40	7/8	22,22	22,86	21,84	44,95	34,79
SUUNF0812	1/2	12,70	1.1/16-12	10,41	1.1/4	31,75	7/8	22,22	22,86	21,84	49,02	38,86
SUUNF1008	5/8	15,87	3/4-16	10,66	15/16	23,81	1	25,40	24,38	21,84	41,91	31,75
SUUNF1010	5/8	15,87	7/8-14	12,70	1	25,40	1	25,40	24,38	21,84	45,21	35,05
SUUNF1208	3/4	19,05	3/4-16	10,66	1.1/16	26,98	1.1/8	28,57	24,38	21,84	45,97	35,81
SUUNF1212	3/4	19,05	1.1/16-12	15,74	1.1/4	31,80	1.1/8	28,57	24,38	21,84	49,02	38,86
SUUNF1414	7/8	22,22	1.3/16-12	18,28	1.3/8	34,92	1.1/4	31,75	25,90	21,84	49,02	38,86
SUUNF1612	1	25,40	1.1/16-12	16,76	1.3/8	34,92	1.1/2	38,10	31,24	26,41	53,34	41,14
SUUNF1616	1	25,40	1.5/16-12	22,35	1.1/2	38,10	1.1/2	38,10	31,24	26,41	54,35	42,16
SUUNF2020	1.1/4	31,75	1.5/8-12	27,68	1.7/8	47,62	1.7/8	47,62	41,14	38,86	68,32	46,22
SUUNF2424	1.1/2	38,10	1.7/8-12	34,03	2.1/8	53,97	2.1/4	57,15	50,03	45,21	77,72	50,54
SUUNF3232	2	50,80	2.1/2-12	45,97	2.3/4	69,85	3	76,20	67,56	62,73	101,60	64,26

Connects Metric Tubes

Codice Part Number	D	T (U)	d	CH1	CH2	A	B	L1	L2
SUUNF0606M	6	9/16-18	4,8	18	14	15,3	17,7	35,6	
SUUNF1006M	10	9/16-18	7,1	22	19	17,2	19,5	37,3	
SUUNF1012M	10	3/4-16	7,9	22	19	17,2	19,5	39,4	
SUUNF1204M	12	7/16-20	5,2	22	22	22,8	22,0	40,6	
SUUNF1206M	12	9/16-18	7,1	22	22	22,8	22,0	39,9	
SUUNF1212M	12	3/4-16	9,5	22	22	22,8	22,0	41,9	

Connettore UNF con tenuta GTZ

UNF Male Connector GTZ seal

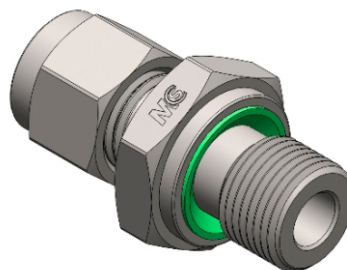
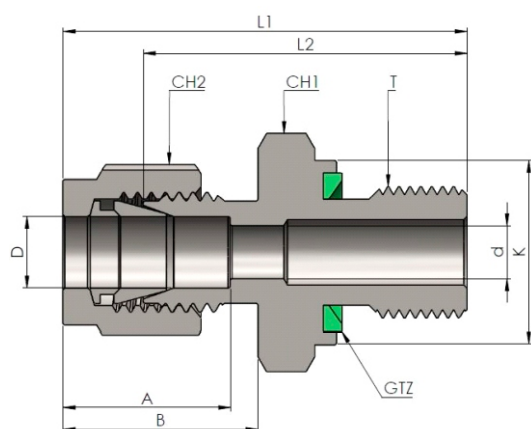


Connects Fractional Tubes

Codice Part Number	D		T (U)	d	CH1		CH2		A	B	L1	L2
	in	mm			in	mm	in	mm				
SUGTZ0202	1/8	3,17	5/16-24	2,28	9/16	14,28	7/16	11,11	12,70	15,24	32,76	26,16
SUGTZ0303	3/16	4,76	3/8-24	3,04	5/8	15,87	1/2	12,70	13,71	16,00	34,29	27,68
SUGTZ0404	1/4	6,35	7/16-20	4,82	3/4	19,05	9/16	14,28	15,24	17,78	38,35	30,98
SUGTZ0505	5/16	7,93	1/2-20	6,35	7/8	22,22	5/8	15,87	16,25	18,54	40,64	33,27
SUGTZ0606	3/8	9,52	9/16-18	7,11	15/16	23,81	11/16	17,46	16,76	19,30	42,41	35,05
SUGTZ0808	1/2	12,70	3/4-16	10,41	1.1/8	28,57	7/8	22,22	22,86	21,84	45,97	35,81
SUGTZ1212	3/4	19,05	1.1/16-12	15,74	1.1/2	38,10	1.1/8	28,57	24,38	21,84	52,32	42,16
SUGTZ1616	1	25,40	1.5/16-12	22,35	1.3/4	44,45	1.1/2	38,10	31,24	26,41	58,16	45,97

Connettore BSP con Tenuta GTZ

BSP Male Connector GTZ seal

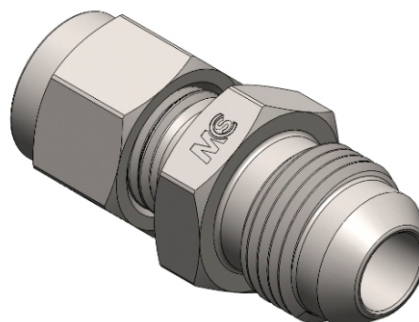
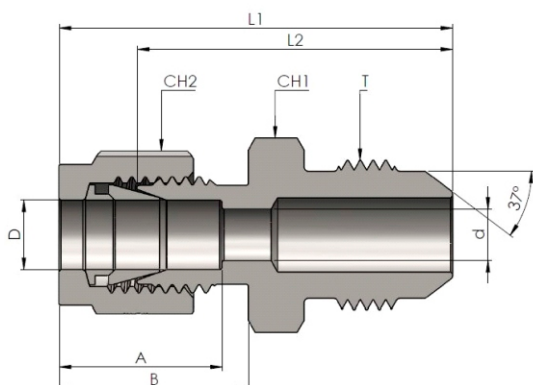


Connects Fractional Tubes

Codice Part Number	D		T (BSP)	d	CH1		CH2		A	B	L1	L2
	in	mm			in	mm	in	mm				
SUBSPGTZ0202	1/8	3,17	1/8	2,28	3/4	19,05	7/16	11,11	12,70	15,24	32,76	26,16
SUBSPGTZ0402	1/4	6,35	1/8	4,82	3/4	19,05	9/16	14,28	15,24	17,78	35,05	27,68
SUBSPGTZ0404	1/4	6,35	1/4	4,82	15/16	23,81	9/16	14,28	15,24	17,78	38,35	30,98
SUBSPGTZ0604	3/8	9,52	1/4	7,11	15/16	23,81	11/16	17,46	16,76	19,30	39,87	32,51
SUBSPGTZ0606	3/8	9,52	3/8	7,11	1.1/8	28,57	11/16	17,46	16,76	19,30	41,40	34,03
SUBSPGTZ0608	3/8	9,52	1/2	7,11	1.5/16	33,33	11/16	17,46	16,76	19,30	46,99	39,62
SUBSPGTZ0808	1/2	12,70	1/2	10,41	1.5/16	33,33	7/8	22,22	22,86	21,84	49,78	39,62

Connettore Maschio JIC 37°

37° JIC Male Connector

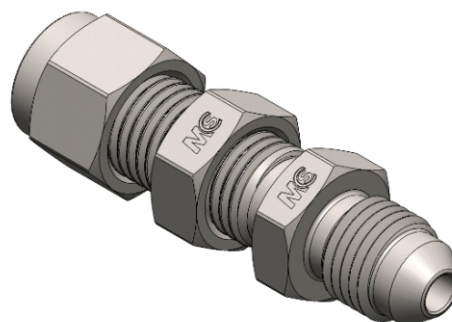
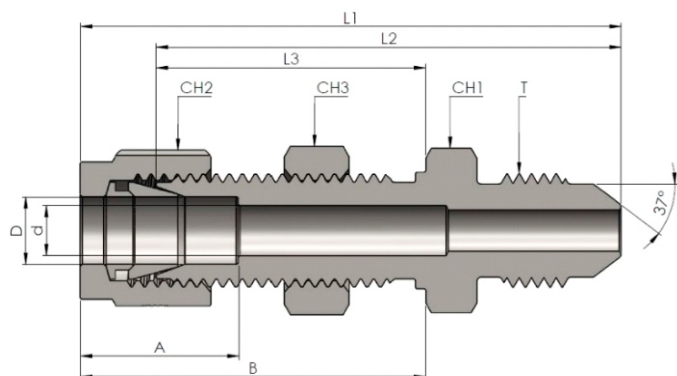


Connects Fractional Tubes

Codice Part Number	D		T (U)	d	CH1		CH2		A	B	L1	L2
	in	mm			in	mm	in	mm				
SUJ0102	1/16	1.58	5/16-24	1,27	7/16	11,11	5/16	7,93	8,63	10,92	27,17	23,36
SUJ0202	1/8	3.17	5/16-24	1,52	7/16	11,11	7/16	11,11	12,70	15,24	31,49	24,89
SUJ0204	1/8	3.17	7/16-20	2,28	9/16	14,28	7/16	11,11	12,70	15,24	35,05	28,44
SUJ0404	1/4	6.35	7/16-20	4,31	9/16	14,28	9/16	14,28	15,24	17,78	37,59	30,22
SUJ0505	5/16	7.93	1/2-20	5,84	9/16	14,28	5/8	15,87	16,25	18,54	38,35	30,98
SUJ0604	3/8	9.52	7/16-20	4,31	5/8	15,87	11/16	17,46	16,76	19,30	39,62	32,25
SUJ0606	3/8	9.52	9/16-18	7,11	5/8	15,87	11/16	17,46	16,76	19,30	39,62	32,25
SUJ0808	1/2	12.70	3/4-16	9,90	13/16	20,63	7/8	22,22	22,86	21,84	45,97	35,81
SUJ1212	3/4	19,05	1.1/16-12	15,49	1.1/8	28,57	1.1/8	28,57	24,38	21,84	53,34	43,18
SUJ1616	1	25,40	1.5/16-12	21,33	1.3/8	34,92	1.1/2	38,10	31,24	26,41	61,46	49,27

Connettore Passaparete Maschio JIC 37°

37° JIC Male Bulkhead Connector

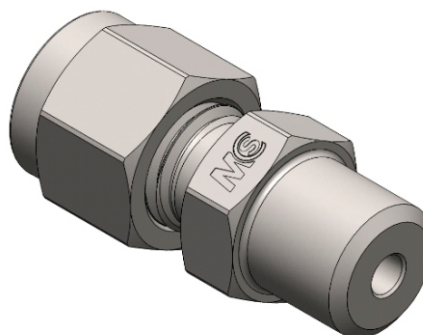
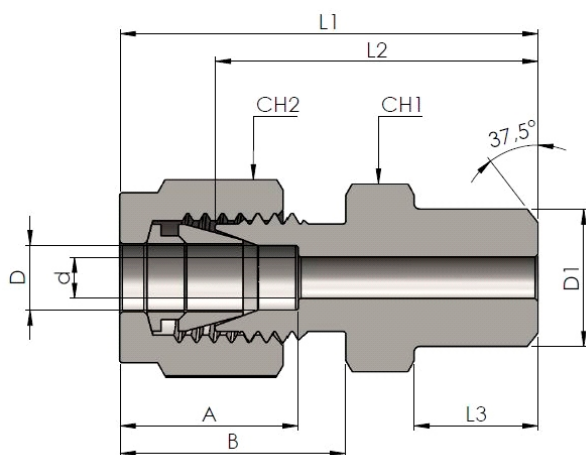


Connects Fractional Tubes

Codice Part Number	D		T (U)	D	CH1, CH3		CH2		A	B	L1	L2	L3	Diametro foro pannello	Spessore Max. Pannello
	in	mm			in	mm	in	mm						Panel Hole Drill Size	Panel Max Thickness
SUBKJ0404	1/4	6,35	7/16-20	4,31	5/8	15,87	9/16	14,28	15,24	33,52	53,84	46,48	26,16	11,50	10,16
SUBKJ0606	3/8	9,52	9/16-18	7,11	3/4	19,05	11/16	17,46	16,76	36,83	57,15	49,78	29,46	14,68	11,17
SUBKJ0808	1/2	12,70	3/4-16	9,90	15/16	23,81	7/8	22,22	22,86	41,91	65,78	55,62	31,75	19,44	12,70
SUBKJ1212	3/4	19,05	1.1/16-12	15,49	1.3/16	30,16	1.1/8	28,57	24,38	47,49	78,99	68,83	37,33	25,79	16,76
SUBKJ1616	1	25,40	1.5/16-12	21,33	1.5/8	41,27	1.1/2	38,10	31,24	57,40	92,45	80,26	45,21	33,73	19,05

Connettore a saldare di testa

Weld Connector



Connects Fractional Tubes

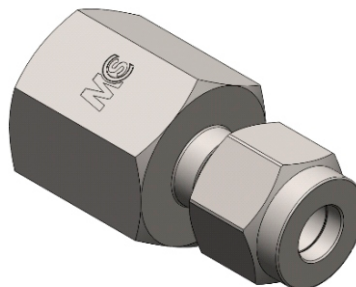
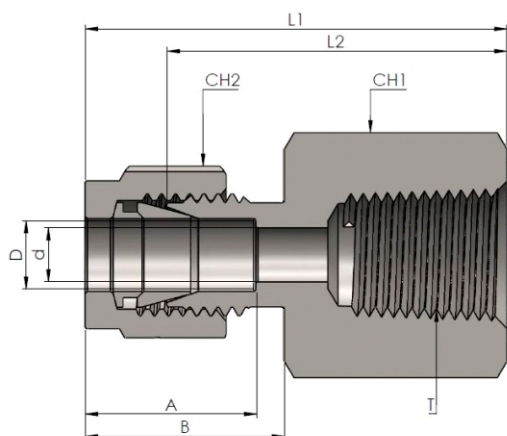
Codice Part Number	D		P		d	CH1		CH2		A	B	L1	L2	L3
	in	mm	Nom.	O.D.		in	mm	in	mm					
SUMW0202	1/8	3,17	1/8	10,30	2,28	7/16	11,11	7/16	11,11	12,70	15,24	31,24	23,87	9,65
SUMW0302	3/16	4,76	1/8	10,30	3,04	7/16	11,11	1/2	12,70	13,71	16,00	31,24	24,62	9,65
SUMW0402	1/4	6,35	1/8	10,30	4,82	9/16	14,28	9/16	14,28	15,24	17,78	32,76	25,40	9,65
SUMW0404	1/4	6,35	1/4	13,70	4,82	9/16	14,28	9/16	14,28	15,24	17,78	37,84	30,48	14,22
SUMW0502	5/16	7,93	1/8	10,30	5,08	9/16	14,28	5/8	15,87	16,25	18,54	34,03	26,67	9,65
SUMW0504	5/16	7,93	1/4	13,70	6,35	9/16	14,28	5/8	15,87	16,25	18,54	38,60	31,24	14,22
SUMW0604	3/8	9,52	1/4	13,70	7,11	5/8	15,87	11/16	17,46	16,76	19,30	39,87	32,51	14,22
SUMW0606	3/8	9,52	3/8	17,10	7,11	11/16	17,46	11/16	17,46	16,76	19,30	39,87	32,51	14,22
SUMW0608	3/8	9,52	1/2	21,30	7,11	7/8	22,22	11/16	17,46	16,76	19,30	43,23	38,86	19,05
SUMW0612	3/8	9,52	3/4	26,67	7,11	1.1/16	26,98	11/16	17,46	16,76	19,30	47,75	40,38	19,05
SUMW0806	1/2	12,70	3/8	17,10	10,41	13/16	20,63	7/8	22,22	22,86	21,84	43,43	33,27	14,22
SUMW0808	1/2	12,70	1/2	21,30	10,41	7/8	22,22	7/8	22,22	22,86	21,84	49,02	38,86	19,05
SUMW0812	1/2	12,70	3/4	26,67	10,41	1.1/16	26,98	7/8	22,22	22,86	21,84	50,54	40,38	19,05
SUMW1008	5/8	15,87	1/2	21,30	12,70	15/16	23,81	1	25,40	24,38	21,84	49,02	38,86	19,05
SUMW1212	3/4	19,05	3/4	26,67	15,74	1.1/16	26,98	1.1/8	28,57	24,38	21,84	50,54	40,38	19,05
SUMW1616	1	25,40	1	33,40	22,35	1.3/8	34,92	1.1/2	38,10	31,24	26,41	62,23	50,03	23,87
SUMW2020	1.1/4	31,75	1.1/4	42,16	27,68	1.3/4	44,45	2	50,80	41,14	38,86	77,21	55,11	23,87
SUMW2424	1.1/2	38,10	1.1/2	48,26	34,03	2.1/8	53,97	2.1/4	57,15	50,03	45,21	88,90	61,72	26,16
SUMW3232	2	50,80	2	60,32	47,75	2.3/4	69,85	3	76,20	67,56	62,73	113,53	76,20	26,92

Connects Metric Tubes

Codice Part Number	D	P		d	CH1	CH2	A	B	L1	L2	L3
		Nom.	O.D.								
SUMW0302M	3	1/8	10,3	2,4	12	11	12,9	15,3	29,7	23,1	9,7
SUMW0402M	4	1/8	10,3	2,4	12	12	13,7	16,1	30,7	24,1	9,7
SUMW0602M	6	1/8	10,3	4,8	14	14	15,3	17,7	32,8	25,4	9,7
SUMW0604M	6	1/4	13,7	4,8	14	14	15,3	17,7	37,6	30,2	14,2
SUMW0802M	8	1/8	10,3	5,1	17	16	16,2	18,6	34,2	26,7	9,7
SUMW0804M	8	1/4	13,7	6,4	17	16	16,2	18,6	38,7	31,2	14,2
SUMW0808M	8	1/2	21,3	6,4	22	16	16,2	18,6	44,8	37,3	19,0
SUMW1004M	10	1/4	13,7	7,1	19	19	17,2	19,5	40,9	33,3	14,2
SUMW1006M	10	3/8	17,1	7,9	19	19	17,2	19,5	40,1	33,3	14,2
SUMW1008M	10	1/2	21,3	7,9	22	19	17,2	19,5	45,7	38,1	19,0
SUMW1204M	12	1/4	13,7	7,1	22	22	22,8	22,0	43,4	33,3	14,2
SUMW1206M	12	3/8	17,1	9,5	22	22	22,8	22,	43,4	33,3	14,2
SUMW1208M	12	1/2	21,3	9,5	22	22	22,8	22,0	48,2	38,1	19,0
SUMW1406M	14	3/8	17,1	10,3	24	25	24,4	22,0	44,1	34,0	14,2
SUMW1508M	15	1/2	21,3	11,9	24	25	24,4	22,0	49,0	38,9	19,0
SUMW1608M	16	1/2	21,3	12,7	24	25	24,4	22,0	49,0	38,9	19,0
SUMW1808M	18	1/2	21,3	13,5	27	30	24,4	22,0	50,5	40,4	19,0
SUMW3220M	32	1.1/4	42,2	28,6	46	50	42,0	41,6	79,6	56,6	23,9
SUMW3824M	38	1.1/2	48,3	33,7	55	60	49,4	47,9	91,6	64,0	26,2

Connettore Femmina NPT

NPT Female Connector



Connects Fractional Tubes

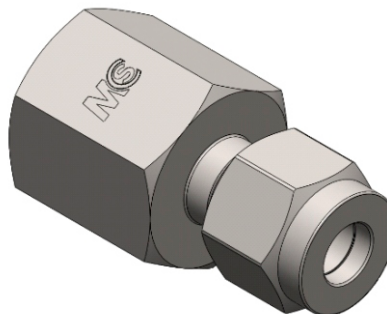
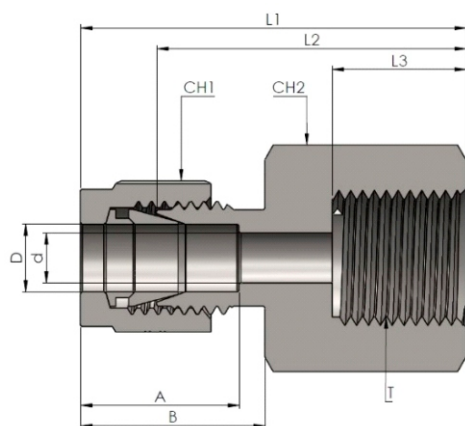
Codice Part Number	D		T (NPT)	d	CH1		CH2		A	B	L1	L2
	in	mm			in	mm	in	mm				
SUNPTF0101	1/16	1,58	1/16	1,27	7/16	11,11	5/16	7,93	8,63	10,92	23,62	19,81
SUNPTF0102	1/16	1,58	1/8	1,27	9/16	14,28	5/16	7,93	8,63	10,92	24,38	20,57
SUNPTF0202	1/8	3,17	1/8	2,28	9/16	14,28	7/16	11,11	12,70	15,24	28,70	22,09
SUNPTF0204	1/8	3,17	1/4	2,28	3/4	19,05	7/16	11,11	12,70	15,24	33,52	26,92
SUNPTF0302	3/16	4,76	1/8	3,04	9/16	14,28	1/2	12,70	13,71	16,00	29,71	23,11
SUNPTF0402	1/4	6,35	1/8	4,82	9/16	14,28	9/16	14,28	15,24	17,78	31,24	23,87
SUNPTF0404	1/4	6,35	1/4	4,82	3/4	19,05	9/16	14,28	15,24	17,78	35,81	28,44
SUNPTF0406	1/4	6,35	3/8	4,82	7/8	22,22	9/16	14,28	15,24	17,78	37,59	30,22
SUNPTF0408	1/4	6,35	1/2	4,82	1.1/16	26,98	9/16	14,28	15,24	17,78	42,41	35,05
SUNPTF0502	5/16	7,93	1/8	6,35	9/16	14,28	5/8	15,87	16,25	18,54	32,00	24,63
SUNPTF0504	5/16	7,93	1/4	6,35	3/4	19,05	5/8	15,87	16,25	18,54	36,83	29,46
SUNPTF0602	3/8	9,52	1/8	7,11	5/8	15,87	11/16	17,46	16,76	19,30	32,76	25,40
SUNPTF0604	3/8	9,52	1/4	7,11	3/4	19,05	11/16	17,46	16,76	19,30	37,59	30,22
SUNPTF0606	3/8	9,52	3/8	7,11	7/8	22,22	11/16	17,46	16,76	19,30	39,11	31,75
SUNPTF0608	3/8	9,52	1/2	7,11	1.1/16	26,98	11/16	17,46	16,76	19,30	43,94	36,57
SUNPTF0612	3/8	9,52	3/4	7,11	1.5/16	33,33	11/16	17,46	16,76	21,84	47,75	40,38
SUNPTF0804	1/2	12,70	1/4	10,41	13/16	20,63	7/8	22,22	22,86	21,84	40,38	30,22
SUNPTF0806	1/2	12,70	3/8	10,41	7/8	22,22	7/8	22,22	22,86	21,84	41,91	31,75
SUNPTF0808	1/2	12,70	1/2	10,41	1.1/16	26,98	7/8	22,22	22,86	21,84	46,73	36,57
SUNPTF0812	1/2	12,70	3/4	10,41	1.5/16	33,33	7/8	22,22	22,86	21,84	48,26	38,10
SUNPTF1006	5/8	15,87	3/8	12,70	15/16	23,80	1	25,40	24,38	21,84	41,91	31,75
SUNPTF1008	5/8	15,87	1/2	12,70	1.1/16	26,98	1	25,40	24,38	21,84	46,73	36,57
SUNPTF1012	5/8	15,87	3/4	12,70	1.5/16	33,33	1	25,40	24,38	21,84	48,26	38,10
SUNPTF1208	3/4	19,05	1/2	15,74	1.1/16	26,98	1.1/8	28,57	24,38	21,84	46,73	36,57
SUNPTF1212	3/4	19,05	3/4	15,74	1.5/16	33,33	1.1/8	28,57	24,38	21,84	48,26	38,10
SUNPTF1412	7/8	22,22	3/4	18,28	1.5/16	33,33	1.1/4	31,75	25,90	21,84	49,78	39,62
SUNPTF1612	1	25,40	3/4	22,35	1.3/8	34,92	1.1/2	38,10	31,24	26,41	53,34	41,14
SUNPTF1616	1	25,40	1	22,35	1.5/8	41,27	1.1/2	38,10	31,24	26,41	62,23	50,03
SUNPTF2020	1.1/4	31,75	1.1/4	27,68	2.1/8	53,97	1.7/8	47,62	41,14	38,86	74,67	52,57
SUNPTF2424	1.1/2	38,10	1.1/2	34,03	2.3/8	60,32	2.1/4	57,15	50,03	45,21	83,31	56,13
SUNPTF3232	2	50,80	2	45,97	2.7/8	70,03	3	76,20	67,56	62,73	101,60	64,26

Connects Metric Tubes

Codice Part Number	D	T (NPT)	d	CH1	CH2	A	B	L1	L2
SUNPTF0302M	3	1/8	2,4	14	11	12,9	15,3	28,7	22,1
SUNPTF0304M	3	1/4	2,4	19	11	12,9	15,3	33,5	26,9
SUNPTF0402M	4	1/8	2,4	14	12	13,7	16,1	29,7	23,1
SUNPTF0602M	6	1/8	4,8	14	14	15,3	17,7	31,3	23,9
SUNPTF0604M	6	1/4	4,8	19	14	15,3	17,7	35,8	28,4
SUNPTF0606M	6	3/8	4,8	22	14	15,3	17,7	36,9	29,5
SUNPTF0608M	6	1/2	4,8	27	14	15,3	17,7	42,5	35,1
SUNPTF0802M	8	1/8	6,4	17	16	16,2	18,6	32,1	24,6
SUNPTF0804M	8	1/4	6,4	19	16	16,2	18,6	37,0	29,5
SUNPTF0806M	8	3/8	6,4	2	16	16,2	18,6	37,7	30,2
SUNPTF0808M	8	1/2	6,4	27	16	16,2	18,6	43,3	35,8
SUNPTF1002M	10	1/8	7,9	19	19	17,2	19,5	33,0	25,4
SUNPTF1004M	10	1/4	7,9	19	19	17,2	19,5	37,8	30,2
SUNPTF1006M	10	3/8	7,9	22	19	17,2	19,5	38,6	31,0
SUNPTF1008M	10	1/2	7,9	27	19	17,2	19,5	44,2	36,6
SUNPTF1202M	12	1/8	9,5	22	22	22,8	22,0	38,5	28,4
SUNPTF1204M	12	1/4	9,5	22	22	22,8	22,0	40,3	30,2
SUNPTF1206M	12	3/8	9,5	22	22	22,8	22,0	41,1	31,0
SUNPTF1208M	12	1/2	9,5	27	22	22,8	22,0	46,7	36,6
SUNPTF1212M	12	3/4	9,5	36	22	22,8	22,0	49,0	38,9
SUNPTF1508M	15	1/2	11,9	27	25	24,4	22,0	46,7	36,6
SUNPTF1608M	16	1/2	12,7	27	25	24,4	22,0	46,9	36,8
SUNPTF2008M	20	1/2	15,9	30	32	26,0	22,0	47,9	37,8
SUNPTF2012M	20	3/4	15,9	36	32	26,0	22,0	49,7	39,6
SUNPTF2212M	22	3/4	18,3	36	32	26,0	22,0	49,7	39,6
SUNPTF2216M	22	1	18,3	41	32	26,0	22,0	57,9	47,8
SUNPTF2512M	25	3/4	21,8	35	38	31,3	26,5	53,4	41,1
SUNPTF2516M	25	1	21,8	41	38	31,3	26,5	62,3	50,0

Connettore Femmina BSP

BSP Female Connector



Connects Fractional Tubes

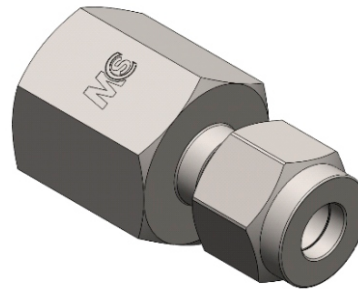
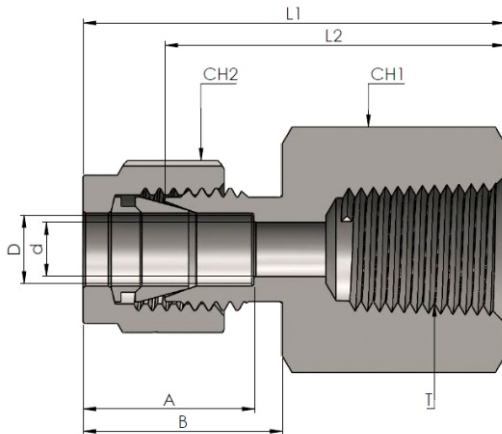
Codice Part Number	D		T (BSP)	d	CH1		CH2		A	B	L1	L2	L3
	in	mm			in	mm	in	mm					
SUBSPF0402	1/4	6,35	1/8	4,82	9/16	14,28	9/16	14,28	15,24	17,78	33,55	26,30	12,00
SUBSPF0404	1/4	6,35	1/4	4,82	3/4	19,05	9/16	14,28	15,24	17,78	37,59	30,22	13,00
SUBSPF0406	1/4	6,35	3/8	4,82	15/16	24,81	9/16	14,28	15,24	17,78	37,59	30,22	14,22
SUBSPF0408	1/4	6,35	1/2	4,82	11/16	26,98	9/16	14,28	15,24	17,78	43,43	30,07	18,80
SUBSPF0504	5/16	7,93	1/4	5,58	3/4	19,05	5/8	15,87	16,25	18,54	38,35	30,98	13,00
SUBSPF0508	5/16	7,93	1/2	7,11	1.1/16	26,98	5/8	15,87	16,25	18,54	40,38	33,02	18,80
SUBSPF0604	3/8	9,52	1/4	5,58	3/4	19,05	11/16	17,46	16,76	19,30	39,12	31,75	12,95
SUBSPF0606	3/8	9,52	3/8	6,60	15/16	24,81	11/16	17,46	16,76	19,30	38,61	31,24	14,22
SUBSPF0608	3/8	9,52	1/2	7,11	1.1/16	26,98	11/16	17,46	16,76	19,30	41,91	34,54	18,80
SUBSPF0804	1/2	12,70	1/4	5,50	7/8	22,22	7/8	22,22	22,86	21,84	41,95	31,80	13,00
SUBSPF0806	1/2	12,70	3/8	6,60	15/16	23,81	7/8	22,22	22,86	21,84	41,95	34,29	14,24
SUBSPF0808	1/2	12,70	1/2	7,11	1.1/16	26,98	7/8	22,22	22,86	21,84	41,95	38,10	18,80

Connects Metric Tubes

Codice Part Number	D	T (BSP)	d	CH1	CH2	A	B	L1	L2	L3
SUBSPF0304M	3	1/4	2,4	19	11	12,9	15,3	35,3	28,7	13
SUBSPF0604M	6	1/4	4,8	19	14	15,3	17,7	37,6	30,2	13
SUBSPF0606M	6	3/8	4,8	24	14	15,3	17,7	37,6	30,2	14
SUBSPF0608M	6	1/2	4,8	27	14	15,3	17,7	43,0	36,3	19
SUBSPF0804M	8	1/4	5,5	19	16	16,2	18,6	38,5	31,0	13
SUBSPF0806M	8	3/8	6,5	24	16	16,2	18,6	36,2	28,7	14
SUBSPF0808M	8	1/2	7,0	27	16	16,2	18,6	40,5	33,0	19
SUBSPF1004M	10	1/4	5,5	19	19	17,2	19,5	39,4	31,8	13
SUBSPF1006M	10	3/8	6,5	24	19	17,2	19,5	38,8	31,2	14
SUBSPF1008M	10	1/2	7,0	27	19	17,2	19,5	41,4	34,5	19
SUBSPF1204M	12	1/4	5,5	22	22	22,8	22,0	41,9	31,8	13
SUBSPF1206M	12	3/8	6,5	24	22	22,8	22,0	44,4	34,3	14
SUBSPF1208M	12	1/2	7,0	27	22	22,8	22,0	48,2	38,1	19
SUBSPF2008M	20	1/2	7,0	30	32	26,0	22,0	54,3	44,2	19
SUBSPF2208M	22	1/2	7,0	30	32	26,0	22,0	54,3	44,2	19

Connettore Femmina GAS Conico

BSPT Female Connector



Connects Fractional Tubes

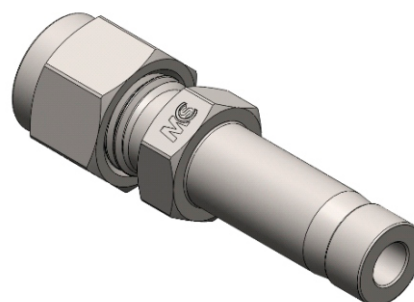
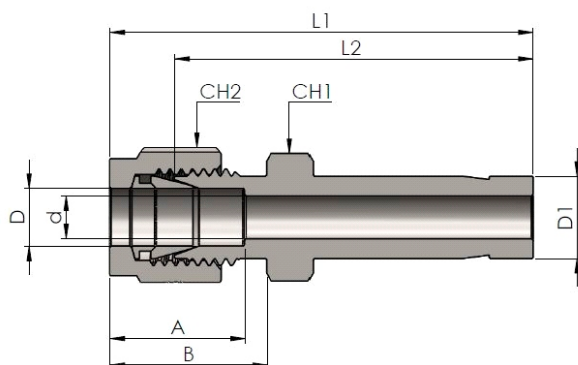
Codice Part Number	D		T (BSPT)	d	CH1		CH2		A	B	L1	L2
	in	mm			in	mm	in	mm				
SUBSPTF0202	1/8	3,17	1/8	2,28	9/16	14,28	7/16	11,11	12,70	15,24	28,70	22,09
SUBSPTF0402	1/4	6,35	1/8	4,82	9/16	14,28	9/16	14,28	15,24	17,78	31,24	23,87
SUBSPTF0404	1/4	6,35	1/4	4,82	3/4	19,05	9/16	14,28	15,24	17,78	35,81	28,44
SUBSPTF0406	1/4	6,35	3/8	4,82	7/8	22,22	9/16	14,28	15,24	17,78	37,59	30,22
SUBSPTF0408	1/4	6,35	1/2	4,82	1.1/16	26,98	9/16	14,28	15,24	17,78	42,41	35,05
SUBSPTF0604	3/8	9,52	1/4	7,11	3/4	19,05	11/16	17,46	16,76	19,30	37,59	30,22
SUBSPTF0606	3/8	9,52	3/8	7,11	7/8	22,22	11/16	17,46	16,76	19,30	39,11	31,75
SUBSPTF0608	3/8	9,52	1/2	7,11	1.1/16	26,98	11/16	17,46	16,76	19,30	43,94	36,57
SUBSPTF0804	1/2	12,70	1/4	10,41	13/16	20,63	7/8	22,22	22,86	21,84	40,38	30,22
SUBSPTF0806	1/2	12,70	3/8	10,41	7/8	22,22	7/8	22,22	22,86	21,84	41,91	31,75
SUBSPTF0808	1/2	12,70	1/2	10,41	1.1/16	26,98	7/8	22,22	22,86	21,84	46,73	36,57

Connects Metric Tubes

Codice Part Number	D	T (BSPT)	d	CH1	CH2	A	B	L1	L2
SUBSPTF0302M	3	1/8	2,4	14	11	12,9	15,3	28,7	22,1
SUBSPTF0602M	6	1/8	4,8	14	14	15,3	17,7	31,3	23,9
SUBSPTF0604M	6	1/4	4,8	19	14	15,3	17,7	35,8	28,4
SUBSPTF0606M	6	3/8	4,8	22	14	15,3	17,7	36,9	29,5
SUBSPTF0608M	6	1/2	4,8	27	14	15,3	17,7	42,5	35,1
SUBSPTF0802M	8	1/8	6,4	17	16	16,2	18,6	32,1	24,6
SUBSPTF0804M	8	1/4	6,4	19	16	16,2	18,6	37,0	29,5
SUBSPTF0806M	8	3/8	6,4	2	16	16,2	18,6	37,7	30,2
SUBSPTF0808M	8	1/2	6,4	27	16	16,2	18,6	43,3	35,8
SUBSPTF1002M	10	1/8	7,9	19	19	17,2	19,5	33,0	25,4
SUBSPTF1004M	10	1/4	7,9	19	19	17,2	19,5	37,8	30,2
SUBSPTF1006M	10	3/8	7,9	22	19	17,2	19,5	38,6	31,0
SUBSPTF1008M	10	1/2	7,9	27	19	17,2	19,5	44,2	36,6
SUBSPTF1202M	12	1/8	9,5	22	22	22,8	22,0	38,5	28,4
SUBSPTF1204M	12	1/4	9,5	22	22	22,8	22,0	40,3	30,2
SUBSPTF1206M	12	3/8	9,5	22	22	22,8	22,0	41,1	31,0
SUBSPTF1208M	12	1/2	9,5	27	22	22,8	22,0	46,7	36,6
SUBSPTF1212M	12	3/4	9,5	36	22	22,8	22,0	49,0	38,9
SUBSPTF1506M	15	3/8	11,9	27	26	24,4	22,0	41,9	36,6
SUBSPTF1508M	15	1/2	11,9	27	26	24,4	22,0	46,7	36,6
SUBSPTF2008M	20	1/2	15,9	30	32	26,0	22,0	47,9	37,8
SUBSPTF2012M	20	3/4	15,9	36	32	26,0	22,0	49,7	39,6
SUBSPTF2212M	22	3/4	18,3	36	32	26,0	22,0	49,7	39,6
SUBSPTF2216M	22	1	18,3	41	32	26,0	22,0	57,9	47,8
SUBSPTF2512M	25	3/4	21,8	35	38	31,3	26,5	53,4	41,1
SUBSPTF2516M	25	1	21,8	41	38	31,3	26,5	62,3	50,0

Adattatore Riduttore

Reducer Adapter



Connects Fractional Tubes

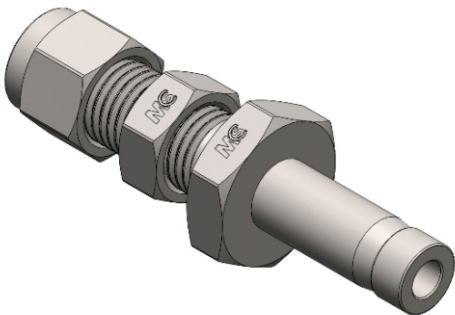
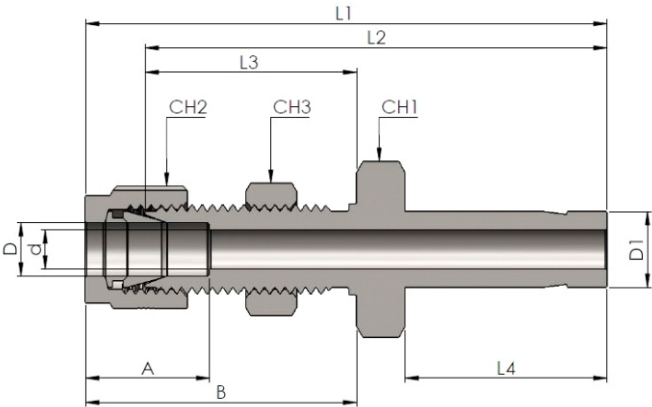
Codice Part Number	D		D1		d	CH1		CH2		A	B	L1	L2
	in	mm	in	mm		in	mm	in	mm				
SUCN0102	1/16	1,58	1/8	3,17	1,27	5/16	7,93	5/16	7,93	8,63	10,92	29,21	25,40
SUCN0104	1/16	1,58	1/4	6,35	1,27	5/16	7,93	5/16	7,93	8,63	10,92	31,49	27,68
SUCN0201	1/8	3,17	1/16	1,58	0,76	7/16	11,11	7/16	11,11	12,70	15,24	28,95	22,35
SUCN0203	1/8	3,17	3/16	3,17	2,03	7/16	11,11	7/16	11,11	12,70	15,24	33,52	26,92
SUCN0204	1/8	3,17	1/4	4,76	2,28	7/16	11,11	7/16	11,11	12,70	15,24	34,29	27,68
SUCN0206	1/8	3,17	3/8	6,35	2,28	7/16	11,11	7/16	11,11	12,70	15,24	36,06	29,46
SUCN0208	1/8	3,17	1/2	9,52	2,28	9/16	14,28	7/16	11,11	12,70	15,24	37,59	30,98
SUCN0302	3/16	4,76	1/4	12,70	2,28	7/16	11,11	1/2	12,70	13,71	16,00	44,19	37,59
SUCN0304	3/16	4,76	1/4	3,17	2,03	7/16	11,11	1/2	12,70	13,71	16,00	34,79	28,19
SUCN0402	1/4	6,35	1/8	6,35	3,04	9/16	14,28	9/16	14,28	15,24	17,78	37,08	30,48
SUCN0403	1/4	6,35	3/16	3,17	2,03	9/16	14,28	9/16	14,28	15,24	17,78	36,83	29,46
SUCN0404	1/4	6,35	1/4	4,76	3,04	9/16	14,28	9/19	14,28	15,24	17,78	37,59	30,22
SUCN0405	1/4	6,35	5/16	6,35	4,32	9/16	14,28	9/16	14,28	15,24	17,78	39,11	31,75
SUCN0406	1/4	6,35	3/8	7,93	4,82	9/16	14,28	9/16	14,28	15,24	17,78	39,87	32,51
SUCN0408	1/4	6,35	1/2	9,52	4,82	9/16	14,28	9/16	14,28	15,24	17,78	40,64	33,27
SUCN0410	1/4	6,35	5/8	12,70	4,82	11/16	17,46	9/16	14,28	15,24	17,78	46,22	38,86
SUCN0412	1/4	6,35	3/4	15,87	4,82	13/16	20,63	9/16	14,28	15,24	17,78	48,00	40,64
SUCN0506	5/16	7,93	3/8	19,05	6,35	9/16	14,28	5/8	15,87	16,25	18,54	47,75	40,38
SUCN0508	5/16	7,93	1/2	12,70	6,35	9/16	14,28	5/8	15,87	16,25	18,54	41,91	34,54
SUCN0604	3/8	9,52	1/4	6,32	4,32	5/8	15,87	11/16	17,46	16,76	19,30	47,49	40,13
SUCN0606	3/8	9,52	3/8	6,86	6,86	5/8	15,87	11/16	17,46	16,76	19,30	41,40	34,03
SUCN0608	3/8	9,52	1/2	12,70	7,11	5/8	15,87	11/16	17,46	16,76	19,30	43,18	35,81
SUCN0610	3/8	9,52	5/8	15,87	7,11	11/16	17,46	11/16	17,46	16,76	19,30	48,51	41,14
SUCN0612	3/8	9,52	3/4	19,05	7,11	13/16	20,63	11/16	17,46	16,76	19,30	50,29	42,92
SUCN0804	1/2	12,70	1/4	6,35	4,32	13/16	20,63	7/8	22,22	22,86	21,84	44,95	42,92
SUCN0806	1/2	12,70	3/8	9,52	6,86	13/16	20,63	7/8	22,22	22,86	21,84	46,73	34,79
SUCN0808	1/2	12,70	1/2	12,70	9,40	13/16	20,63	7/8	22,22	22,86	21,84	52,32	36,57
SUCN0810	1/2	12,70	5/8	15,87	10,41	13/16	20,63	7/8	22,22	22,86	21,84	53,84	42,16
SUCN0812	1/2	12,70	3/4	19,05	10,41	13/16	20,63	7/8	22,22	22,86	21,84	53,84	43,68
SUCN0816	1/2	12,70	1	25,40	10,41	1.1/16	26,98	7/8	22,22	22,86	21,84	60,19	43,68
SUCN1012	5/8	15,87	3/4	19,05	12,70	15/16	23,81	1	25,40	24,38	21,84	54,61	50,03
SUCN1014	5/8	15,87	7/8	22,22	12,70	15/16	23,81	1	25,40	24,38	21,84	56,13	44,45
SUCN1016	5/8	15,87	1	25,40	12,70	1.1/16	26,98	1	25,40	24,38	21,84	60,96	45,97
SUCN1208	3/4	19,05	1/2	12,70	9,40	1.1/16	26,98	1.1/8	28,57	24,38	21,84	54,61	50,80
SUCN1216	3/4	19,05	1	25,40	15,74	1.1/16	26,98	1.1/8	28,57	24,38	21,84	62,48	52,32
SUCN1620	1	25,4	1.1/4	31,75	22,35	1.3/8	34,92	1.1/2	38,10	31,24	26,41	80,51	68,32
SUCN1624	1	25,4	1.1/2	38,10	22,35	1.5/8	41,27	1.1/2	38,10	31,24	26,41	89,15	76,96
SUCN1632	1	25,4	2	50,80	22,35	2.1/8	53,97	1.1/2	38,10	31,24	26,41	112,52	100,33
SUCN2024	1.1/4	31,75	1.1/2	38,10	27,68	1.7/8	47,62	2.1/4	57,15	41,14	38,86	104,14	82,04
SUCN2032	1.1/4	31,75	2	50,80	27,68	1.7/8	47,62	3	76,20	41,14	38,86	125,22	103,12
SUCN2432	1.1/2	38,10	2	50,80	34,03	2.1/4	57,15	3	76,20	50,03	45,21	134,31	104,14

Connects Metric Tubes

Codice Part Number	D	D1	d	CH1	CH2	A	B	L1	L2
SUCN0203M	2	3	1,7	12	11	12,9	15,3	33,5	26,9
SUCN0304M	3	4	2,2	12	11	12,9	15,3	35,0	28,4
SUCN0306M	3	6	2,4	12	12	12,9	15,3	36,1	29,5
SUCN0310M	3	10	2,4	12	12	12,9	15,3	38,4	31,8
SUCN0406M	4	6	2,4	12	14	13,7	16,1	37,1	30,5
SUCN0603M	6	3	1,9	14	14	15,3	17,7	36,9	29,5
SUCN0608M	6	8	4,8	14	14	15,3	17,7	39,9	32,5
SUCN0610M	6	10	4,8	14	14	15,3	17,7	40,7	33,3
SUCN0612M	6	12	4,8	14	14	15,3	17,7	46,3	38,9
SUCN0806M	8	6	4,1	17	16	16,2	18,6	40,3	32,8
SUCN0810M	8	10	6,4	17	16	16,2	18,6	42,0	34,5
SUCN0812M	8	12	6,4	17	16	16,2	18,6	47,6	40,1
SUCN1006M	10	6	4,1	19	19	17,2	19,5	42,4	34,8
SUCN1012M	10	12	7,9	19	19	17,2	19,5	49,8	42,2
SUCN1015M	10	15	7,9	19	19	17,2	19,5	51,3	43,7
SUCN1018M	10	18	7,9	19	19	17,2	19,5	51,3	43,7
SUCN1206M	12	6	4,1	22	22	22,8	22,0	44,9	34,8
SUCN1210M	12	10	7,1	22	22	22,8	22,0	46,7	36,6
SUCN1216M	12	16	9,5	22	22	22,8	22,0	53,8	43,7
SUCN1218M	12	18	9,5	22	22	22,8	22,0	53,8	43,7
SUCN1220M	12	20	9,5	22	22	22,8	22,0	56,1	46,0
SUCN1222M	12	22	9,5	24	22	22,8	22,0	56,1	46,0
SUCN1225M	12	25	9,5	27	22	22,8	22,0	62,4	52,3
SUCN1612M	16	12	8,8	24	25	24,4	22,0	53,0	42,9
SUCN1812M	18	12	8,8	27	30	24,4	22,0	54,6	44,5
SUCN1816M	18	16	12,0	27	30	24,4	22,0	56,1	46,0
SUCN1820M	18	20	15,1	27	30	24,4	22,0	57,6	47,5
SUCN1822M	18	22	15,1	27	30	24,4	22,0	57,6	47,5
SUCN1825M	18	25	15,1	27	30	24,4	22,0	62,4	52,3
SUCN2016M	20	16	12,0	30	32	26,0	22,0	57,9	47,8
SUCN2018M	20	18	13,9	30	32	26,0	22,0	57,9	47,8
SUCN2022M	20	22	15,8	30	32	26,0	22,0	59,4	49,3
SUCN2025M	20	25	15,8	30	32	26,0	22,0	64,2	54,1
SUCN2218M	22	18	13,9	30	32	26,0	22,0	57,9	47,8
SUCN2220M	22	20	15,1	30	32	26,0	22,0	59,4	49,3
SUCN2225M	22	25	18,3	30	32	26,0	22,0	64,2	54,1
SUCN2518M	25	18	13,9	35	38	31,3	26,5	63,1	50,8
SUCN2520M	25	20	15,5	35	38	31,3	26,5	64,6	52,3

Adattatore passaparete

Bulkhead Adaptor

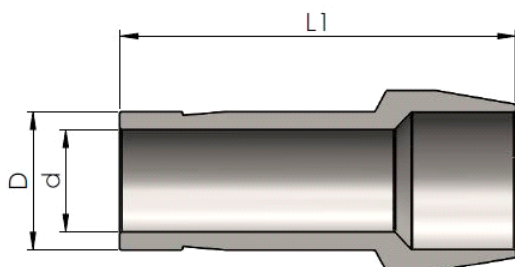


Connects Fractional Tubes

Codice Part Number	D, D1		d	CH1,CH3		CH2		A	B	L1	L2	L3	L4
	in	mm		in	mm	in	mm						
SUBKCN0202	1/8	3,17	2,03	9/16	14,28	7/16	11,11	12,70	31,24	49,53	42,92	24,63	13,46
SUBKCN0404	1/4	6,35	4,32	5/8	15,87	9/16	14,28	15,24	33,52	55,88	48,51	26,16	15,74
SUBKCN0606	3/8	9,52	6,86	3/4	19,05	11/16	17,46	16,76	36,83	61,21	53,84	29,46	17,52
SUBKCN0808	1/2	12,70	9,40	15/16	23,81	7/8	22,22	22,86	41,91	72,89	62,73	31,75	23,11
SUBKCN1010	5/8	15,87	11,94	1.1/16	26,98	1	25,40	24,38	42,67	75,18	65,02	32,51	24,70
SUBKCN1616	1	25,40	20,32	1.5/8	41,27	1.1/2	38,10	31,24	57,40	100,33	88,13	45,21	31,70

Inserto di Collegamento

Port Connector



Connects Fractional Tubes

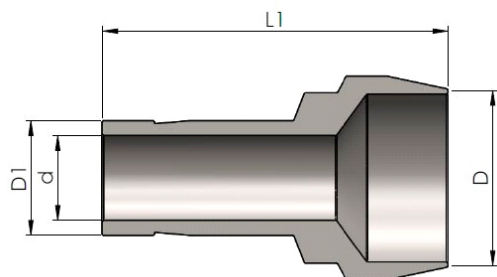
Codice Part Number	D		d	L1
	in	mm		
PC01	1/16	1,58	0,76	13,72
PC02	1/8	3,17	2,03	22,35
PC04	1/4	6,35	4,32	24,89
PC05	5/16	7,93	5,59	25,91
PC06	3/8	9,52	6,86	26,67
PC08	1/2	12,70	9,40	36,32
PC12	3/4	19,05	14,73	37,85
PC16	1	25,40	20,32	49,28

Connects Metric Tubes

Codice Part Number	D	d	L1
PC03M	3	1,9	22,20
PC04M	4	2,2	23,21
PC06M	6	4,1	25,00
PC08M	8	5,6	26,00
PC10M	10	7,1	27,10
PC12M	12	8,8	36,20
PC15M	15	11,2	37,80
PC16M	16	12,0	37,80
PC18M	18	13,9	37,80
PC20M	20	15,5	39,40
PC22M	22	16,1	38,97
PC25M	25	19,9	49,30
PC28M	28	22,5	63,50
PC32M	32	26,5	69,70
PC38M	38	31,6	81,90

Inserto Riduttore di Collegamento

Reducing Port Connector



Connects Fractional Tubes

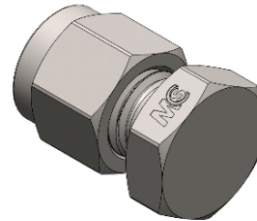
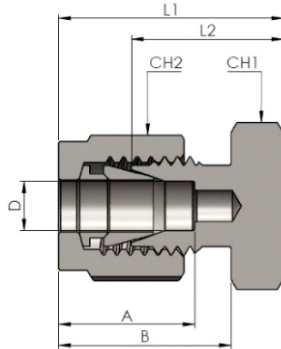
Codice Part Number	D		D1		d	L1
	in	mm	in	mm		
RPC0201	1/8	3,17	1/16	1,58	0,76	18,30
RPC0401	1/4	6,35	1/16	1,58	0,76	19,05
RPC0402	1/4	6,35	1/8	3,17	2,03	22,86
RPC0602	3/8	9,52	1/8	3,17	2,03	23,37
RPC0604	3/8	9,52	1/4	6,35	4,32	25,40
RPC0804	1/2	12,70	1/4	6,35	4,32	29,72
RPC0806	1/2	12,70	3/8	9,52	6,86	30,73
RPC1208	3/4	19,05	1/2	12,70	9,40	37,85
RPC1608	1	25,40	1/2	12,70	9,40	42,93
RPC1612	1	25,40	3/4	19,05	14,73	43,69

Connects Metric Tubes

Codice Part Number	D	D1	d	L1
RPC0603M	6	3	1,9	22,90
RPC0806M	8	6	4,1	25,40
RPC1006M	10	6	4,1	25,80
RPC1008M	10	8	5,6	26,30
RPC1206M	12	6	4,1	29,60
RPC1208M	12	8	5,6	30,10
RPC1210M	12	10	7,1	30,60
RPC1606M	16	6	4,1	29,37
RPC1612M	16	12	8,8	37,50
RPC2825M	28	25	19,9	56,50
RPC3225M	32	25	19,9	60,30
RPC3825M	38	25	19,9	65,80

Tappo per tubo

Cap End for Tube



Connects Fractional Tubes

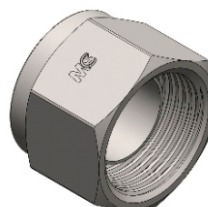
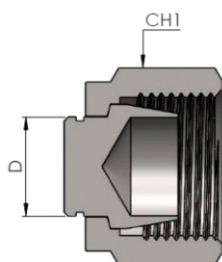
Codice Part Number	D		CH1		CH2		A	B	L1	L2
	in	mm	in	mm	in	mm				
CAP01	1/16	1,58	5/16	7,94	5/16	7,94	8,63	10,92	14,18	11,20
CAP02	1/8	3,17	7/16	11,11	7/16	11,11	12,70	15,24	20,06	13,46
CAP03	3/16	4,76	7/16	11,11	1/2	12,70	13,71	16,00	21,33	14,73
CAP04	1/4	6,35	9/16	14,28	9/16	14,28	15,24	17,78	23,26	16,00
CAP05	5/16	7,93	9/16	14,28	5/8	15,87	16,25	18,54	24,38	17,01
CAP06	3/8	9,52	5/8	15,87	11/16	17,46	16,76	19,30	25,65	18,28
CAP08	1/2	12,70	13/16	20,63	7/8	22,22	22,86	21,84	29,21	19,05
CAP10	5/8	15,87	15/16	23,81	1	25,40	24,38	21,84	29,97	19,81
CAP12	3/4	19,05	1.1/16	26,98	1.1/8	28,57	24,38	21,84	31,49	21,33
CAP14	7/8	22,22	1.3/16	30,16	1.1/4	31,75	25,90	21,84	34,03	23,87
CAP16	1	25,40	1.3/8	34,92	1.1/2	38,10	31,24	26,41	38,35	26,16
CAP20	1.1/4	31,75	1.3/4	44,45	1.7/8	47,62	41,14	38,86	53,34	31,24
CAP24	1.1/2	38,10	2.1/8	53,97	2.1/4	57,15	50,03	45,21	64,51	37,33
CAP32	2	50,80	2.3/4	69,85	3	76,20	76,20	62,73	86,61	49,27

Connects Metric Tubes

Codice Part Number	D	CH1	CH2	A	B	L1	L2
CAP02M	2	12	12	12,9	15,3	20,1	13,5
CAP03M	3	12	12	12,9	15,3	20,1	13,5
CAP04M	4	12	12	13,7	16,1	21,3	14,7
CAP06M	6	14	14	15,3	17,7	23,1	15,7
CAP08M	8	17	17	16,2	18,6	24,5	17,0
CAP10M	10	19	19	17,2	19,5	26,6	19,0
CAP12M	12	22	22	22,8	22,0	29,1	19,0
CAP15M	15	24	26	24,4	22,0	29,9	19,8
CAP16M	16	24	26	24,4	22,0	29,9	19,8
CAP18M	18	27	30	24,4	22,0	31,4	21,3
CAP20M	20	30	32	26,0	22,0	34,0	23,9
CAP22M	22	30	32	26,0	22,0	34,0	23,9
CAP25M	25	36	38	31,3	26,5	38,5	26,2
CAP28M	28	41	46	36,6	36,6	48,5	27,7
CAP32M	32	46	50	42,0	41,6	55,8	32,8
CAP38M	38	55	60	49,4	47,9	65,4	37,8

Tappo per raccordo

Plug



Connects Fractional Tubes

Codice Part Number	D		CH1	
	in	mm	in	mm
PLUG01	1/16	1,58	5/16	7,94
PLUG2	1/8	3,17	7/16	11,11
PLUG3	3/16	4,76	1/2	12,70
PLUG4	1/4	6,35	9/16	14,28
PLUG5	5/16	7,93	5/8	15,87
PLUG6	3/8	9,52	11/16	17,46
PLUG8	1/2	12,70	7/8	22,22
PLUG10	5/8	15,87	1	25,40
PLUG12	3/4	19,05	1.1/8	28,57
PLUG14	7/8	22,22	1.1/4	31,75
PLUG16	1	25,40	1.1/2	38,10
PLUG20	1.1/4	31,75	1.7/8	47,62
PLUG24	1.1/2	38,10	2.1/4	57,15
PLUG32	2	50,80	3	76,20

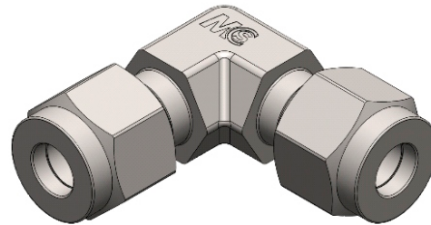
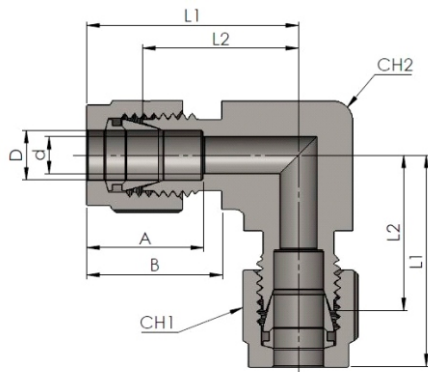
Connects Metric Tubes

Codice Part Number	D	CH1
PLUG02M	2	12
PLUG03M	3	12
PLUG04M	4	12
PLUG06M	6	14
PLUG08M	8	17
PLUG10M	10	19
PLUG12M	12	22
PLUG15M	15	26

Codice Part Number	D	CH1
PLUG16M	16	26
PLUG18M	18	30
PLUG20M	20	32
PLUG22M	22	32
PLUG25M	25	38
PLUG28M	28	46
PLUG32M	32	50
PLUG38M	38	60

Gomito Intermedio

Union Elbow



Connects Fractional Tubes

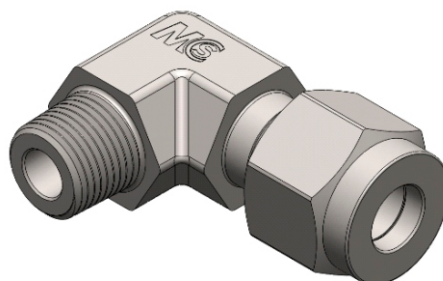
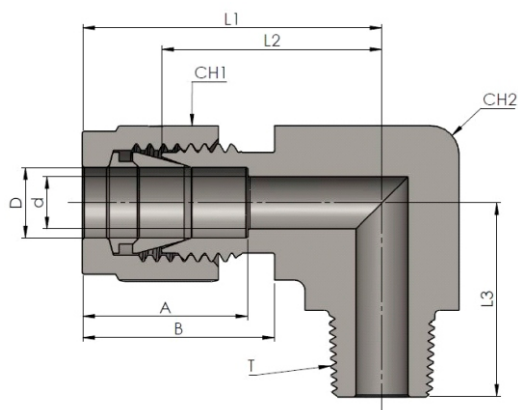
Codice Part Number	D		d	CH1		CH2		A	B	L1	L2
	in	mm		in	mm	in	mm				
LU01	1/16	1,58	1,27	5/16	7,93	7/16	11,11	8,63	10,92	17,88	14,00
LU02	1/8	3,17	2,28	7/16	11,11	7/16	11,11	12,70	15,24	22,35	15,74
LU03	3/16	4,76	3,04	1/2	12,70	7/16	11,11	13,71	16,00	24,38	17,78
LU04	1/4	6,35	4,82	9/16	14,28	7/16	11,11	15,24	17,78	26,92	19,05
LU05	5/16	7,93	6,35	5/8	15,87	9/16	14,29	16,25	18,54	28,70	21,33
LU06	3/8	9,52	7,11	11/16	17,46	9/16	14,29	16,76	19,30	30,48	23,11
LU08	1/2	12,70	10,41	7/8	22,22	11/16	17,46	22,86	21,84	36,06	25,90
LU10	5/8	15,87	12,70	1	25,40	13/16	20,64	24,38	21,84	38,80	28,70
LU12	3/4	19,05	15,74	1.1/8	28,57	15/16	23,81	24,38	21,84	39,87	29,71
LU14	7/8	22,22	18,28	1.1/4	31,75	1.1/16	26,99	25,90	21,84	44,70	34,54
LU16	1	25,40	22,35	1.1/2	38,10	1.3/8	34,93	31,24	26,41	49,02	36,83
LU20	1.1/4	31,75	27,68	1.7/8	47,62	1.11/16	42,86	41,14	38,86	66,54	44,50
LU24	1.1/2	38,10	34,03	2.1/4	57,15	2	50,80	50,03	45,21	77,97	50,80
LU32	2	50,80	45,97	3	76,20	2.3/4	69,85	67,56	62,73	107,18	59,80

Connects Metric Tubes

Codice Part Number	D	d	CH1	CH2		A	B	L1	L2
				in	mm				
LU02M	2	1,70	11	3/8	10	12,9	15,3	22,3	15,7
LU03M	3	2,40	12	3/8	10	12,9	15,3	22,3	15,7
LU04M	4	2,40	12	1/2	12	13,7	16,1	25,4	18,8
LU06M	6	4,80	14	1/2	16	15,3	17,7	27,0	19,6
LU08M	8	6,40	16	9/16	20	16,2	18,6	28,8	21,3
LU10M	10	7,90	19	11/16	24	17,2	19,5	31,5	23,9
LU12M	12	9,50	22	13/16	26	22,8	22,0	36,0	25,9
LU15M	15	11,90	25	15/16	29	24,4	22,0	38,8	28,7
LU16M	16	12,70	25	15/16	35	24,4	22,0	38,8	28,7
LU18M	18	15,10	30	1.1/16	35	24,4	22,0	39,8	29,7
LU20M	20	15,90	32	1.3/8	35	26,0	22,0	42,6	32,5
LU22M	22	18,30	32	1.3/8	35	26,0	22,0	42,6	32,5
LU25M	25	21,80	38	1.3/8	35	31,3	26,5	49,1	36,8
LU28M	28	21,80	46	41	41	36,6	36,6	64,0	43,2
LU32M	32	28,60	50	46	46	42,0	41,6	72,3	49,3
LU38M	38	33,70	60	55	55	49,4	47,9	84,0	56,4
LU42M	42	36,00	65	2.3/4	70	65,0	53,6	89,1	58,0

Connettore a Gomito Maschio NPT

NPT Male Elbow



Connects Fractional Tubes

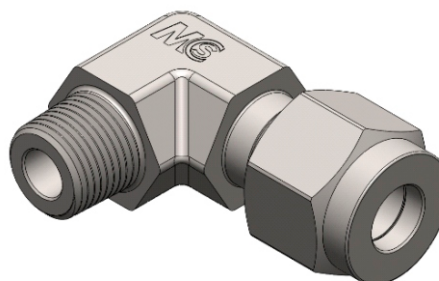
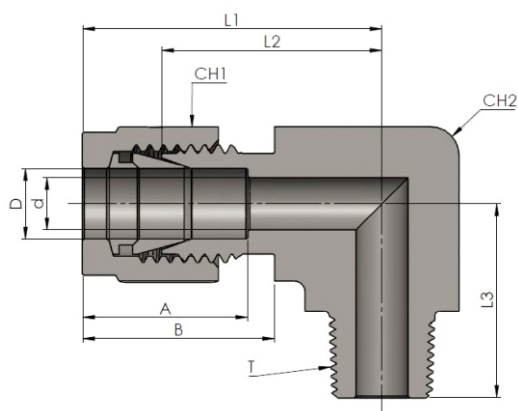
Codice Part Number	D		T (NPT)	d	CH1		CH2		A	B	L1	L2	L3
	in	mm			in	mm	in	mm					
LUNPT0101	1/16	1,58	1/16	1,27	5/16	7,93	7/16	11,11	8,63	10,92	19,05	15,24	17,78
LUNPT0102	1/16	1,58	1/8	1,27	5/16	7,93	7/16	11,11	8,63	10,92	19,05	15,24	17,78
LUNPT0202	1/8	3,17	1/8	2,28	7/16	11,11	7/16	11,11	12,70	15,24	24,91	18,30	18,90
LUNPT0204	1/8	3,17	1/4	2,28	7/16	11,11	7/16	11,11	12,70	15,24	24,91	18,30	23,36
LUNPT0302	3/16	4,76	1/8	3,04	1/2	12,70	9/16	14,29	13,71	16,00	25,40	18,79	18,79
LUNPT0304	3/16	4,76	1/4	3,04	1/2	12,70	7/16	11,11	13,71	16,00	25,40	18,79	23,36
LUNPT0401	1/4	6,35	1/16	3,04	9/16	14,28	9/16	14,29	15,24	17,78	26,90	19,55	18,79
LUNPT0402	1/4	6,35	1/8	4,82	9/16	14,28	7/16	11,11	15,24	17,78	26,47	19,10	19,10
LUNPT0404	1/4	6,35	1/4	4,82	9/16	14,28	7/16	11,11	15,24	17,78	27,18	19,81	23,87
LUNPT0406	1/4	6,35	3/8	4,82	9/16	14,28	13/16	20,64	15,24	17,78	29,71	22,35	28,40
LUNPT0408	1/4	6,35	1/2	4,82	9/16	14,28	15/16	23,81	15,24	17,78	31,97	24,60	33,00
LUNPT0502	5/16	7,93	1/8	4,82	5/8	15,87	15/16	23,81	16,25	18,54	28,70	21,33	19,81
LUNPT0504	5/16	7,93	1/4	6,35	5/8	15,87	9/16	14,29	16,25	18,54	29,77	22,40	24,50
LUNPT0506	5/16	7,93	3/8	6,35	5/8	15,87	13/16	20,64	16,25	18,54	30,48	23,11	28,40
LUNPT0602	3/8	9,52	1/8	4,82	11/16	17,46	7/16	11,11	16,76	19,30	30,48	23,11	20,80
LUNPT0604	3/8	9,52	1/4	7,11	11/16	17,46	9/16	14,29	16,76	19,30	30,48	23,11	25,40
LUNPT0606	3/8	9,52	3/8	7,11	11/16	17,46	13/16	20,64	16,76	19,30	31,24	23,87	28,44
LUNPT0608	3/8	9,52	1/2	7,11	11/16	17,46	15/16	23,81	16,76	19,30	31,42	23,80	33,02
LUNPT0612	3/8	9,52	3/4	7,11	11/16	17,46	1.1/16	26,99	16,76	19,30	37,08	29,71	36,83
LUNPT0804	1/2	12,70	1/4	7,11	7/8	22,22	11/16	17,46	22,86	21,84	36,06	25,90	28,30
LUNPT0806	1/2	12,70	3/8	9,65	7/8	22,22	13/16	20,64	22,86	21,84	36,06	25,90	28,30
LUNPT0808	1/2	12,70	1/2	10,41	7/8	22,22	15/16	23,81	22,86	21,84	36,06	25,90	33,02
LUNPT0812	1/2	12,70	3/4	10,41	7/8	22,22	1.1/16	26,99	22,86	21,84	39,87	29,71	36,83
LUNPT1006	5/8	15,87	3/8	9,65	1	25,40	13/16	20,64	24,38	21,84	37,06	27,90	30,20
LUNPT1008	5/8	15,87	1/2	11,93	1	25,40	1.1/16	26,99	24,38	21,84	37,06	27,90	35,00
LUNPT1012	5/8	15,87	3/4	12,70	1	25,40	1.1/16	26,99	24,38	21,84	39,87	29,71	36,83
LUNPT1208	3/4	19,05	1/2	11,93	1.1/8	28,57	1.1/16	26,99	24,38	21,84	39,87	29,71	36,83
LUNPT1212	3/4	19,05	3/4	15,74	1.1/8	28,57	1.1/16	26,99	24,38	21,84	39,87	29,71	36,83
LUNPT1412	7/8	22,22	3/4	15,74	1.1/4	31,75	1.3/8	34,93	25,90	21,84	44,70	34,54	41,65
LUNPT1612	1	25,40	3/4	15,74	1.1/2	38,10	1.3/8	34,93	31,24	26,41	49,02	36,83	42,20
LUNPT1616	1	25,40	1	22,35	1.1/2	38,10	1.3/8	34,93	31,24	26,41	49,02	36,83	46,70
LUNPT2020	1.1/4	31,75	1.1/4	27,68	1.7/8	47,62	1.11/16	42,86	41,14	38,86	66,54	44,50	47,75
LUNPT2424	1.1/2	38,10	1.1/2	34,03	2.1/4	57,15	2	50,80	50,03	45,21	77,97	50,80	60,45
LUNPT3232	2	50,80	2	45,97	3	76,20	2.3/4	69,85	67,56	62,73	107,18	69,80	70,61

Connects Metric Tubes

Codice Part Number	D	T (NPT)	d	CH1	CH2		A	B	L1	L2	L3
					in	Mm					
LUNPT0302M	3	1/8	2,40	12	7/16	12	12,9	15,3	26,3	17,0	17,8
LUNPT0304M	3	1/4	2,40	14	1/2	12	12,9	15,3	24,6	18,0	23,4
LUNPT0402M	4	1/8	2,40	12	1/2	12	13,7	16,1	25,4	18,8	18,8
LUNPT0404M	4	1/4	2,40	14	1/2	12	13,7	16,1	25,4	18,8	23,4
LUNPT0602M	6	1/8	4,80	14	1/2	12	15,3	17,7	27,0	19,6	18,8
LUNPT0604M	6	1/8	4,80	14	1/2	12	15,3	17,7	27,0	19,6	23,4
LUNPT0606M	6	3/8	4,80	19	11/16	17	15,3	17,7	29,8	22,4	26,2
LUNPT0608M	6	1/2	4,80	22	13/16	22	15,3	17,7	31,8	24,4	33,0
LUNPT0802M	8	1/8	4,80	16	9/16	14	16,2	18,6	28,8	21,3	19,8
LUNPT0804M	8	1/4	6,40	16	9/16	14	16,2	18,6	28,8	21,3	24,4
LUNPT0806M	8	3/8	6,40	19	11/16	17	16,2	18,6	31,4	23,9	28,5
LUNPT0808M	8	1/2	6,40	22	13/16	22	16,2	18,6	32,6	25,1	33,0
LUNPT1002M	10	1/8	4,80	19	11/16	17	17,2	19,5	31,5	23,9	23,6
LUNPT1004M	10	1/4	7,10	19	11/16	17	17,2	19,5	31,5	23,9	26,2
LUNPT1006M	10	3/8	7,10	19	11/16	17	17,2	19,5	31,5	23,9	26,2
LUNPT1008M	10	1/2	7,10	22	13/16	22	17,2	19,5	33,5	25,9	33,0
LUNPT1202M	12	1/8	4,80	22	13/16	22	22,8	22,0	36,0	25,9	23,6
LUNPT1204M	12	1/4	7,10	22	13/16	22	22,8	22,0	36,0	25,9	26,2
LUNPT1206M	12	3/8	9,50	22	13/16	22	22,8	22,0	36,0	25,9	26,2
LUNPT1208M	12	1/2	9,50	22	1.1/16	27	22,8	22,0	36,0	25,9	33,
LUNPT1212M	12	3/4	9,50	27	15/16	24	22,8	22,0	39,8	29,7	36,8
LUNPT1606M	16	3/8	9,50	24	15/16	24	24,4	22,0	38,0	27,9	30,2
LUNPT1608M	16	1/2	11,90	24	15/16	24	24,4	22,0	38,0	27,9	35,1
LUNPT1612M	16	3/4	12,70	27	1.1/16	27	24,4	22,0	39,8	29,7	36,8
LUNPT1808M	18	1/2	11,90	27	1.1/16	27	24,4	22,0	39,8	29,7	36,8
LUNPT1812M	18	3/4	15,1	27	1.1/16	27	24,4	22,0	39,8	29,7	36,8
LUNPT2008M	20	1/2	11,90	30	1.3/8	35	26,0	22,0	44,6	34,5	41,7
LUNPT2012M	20	3/4	15,90	30	1.3/8	35	26,0	22,0	44,6	34,5	41,7
LUNPT2212M	22	3/4	15,90	30	1.3/8	35	26,0	22,0	44,6	34,5	41,7
LUNPT2216M	22	1	18,30	36	1.3/8	35	26,0	22,0	44,6	34,5	46,5
LUNPT2512M	25	3/4	15,90	36	1.3/8	35	31,3	26,5	49,1	36,8	41,7
LUNPT2516M	25	1	21,80	36	1.3/8	35	31,3	26,5	49,1	36,8	46,5

Connettore a Gomito Maschio GAS Conico

BSPT Male Elbow



Connects Fractional Tubes

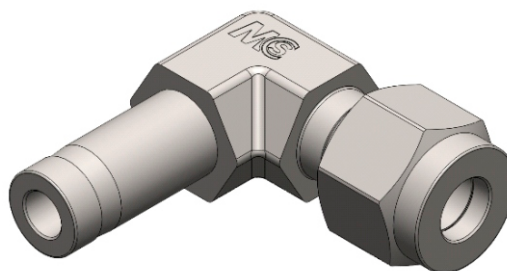
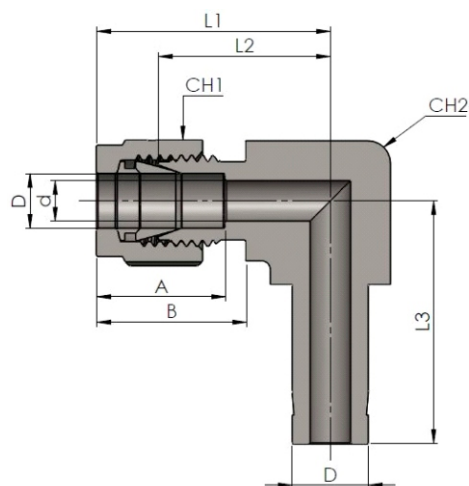
Codice Part Number	D		T (BSPT)	d	CH1		CH2		A	B	L1	L2	L3
	in	mm			in	mm	in	mm					
LUBSPT0202	1/8	3,17	1/8	2,28	7/16	11,11	7/16	11,11	12,70	15,24	24,91	18,30	18,90
LUBSPT0204	1/8	3,17	1/4	2,28	7/16	11,11	9/16	14,29	12,70	15,24	24,91	18,30	23,36
LUBSPT0402	1/4	6,35	1/8	4,82	9/16	14,28	7/16	11,11	15,24	17,78	26,47	19,10	19,10
LUBSPT0404	1/4	6,35	1/4	4,82	9/16	14,28	9/16	14,29	15,24	17,78	27,18	19,81	23,87
LUBSPT0406	1/4	6,35	3/8	4,82	9/16	14,28	13/16	20,64	15,24	17,78	29,71	22,35	28,40
LUBSPT0408	1/4	6,35	1/2	4,82	9/16	14,28	15/16	23,81	15,24	17,78	31,97	24,60	33,00
LUBSPT0504	5/16	7,93	1/4	6,35	5/8	15,87	9/16	14,29	16,25	18,54	29,77	22,40	24,50
LUBSPT0602	3/8	9,52	1/8	4,82	11/16	17,46	7/16	11,11	16,76	19,30	30,48	23,11	20,80
LUBSPT0604	3/8	9,52	1/4	7,11	11/16	17,46	9/16	14,29	16,76	19,30	30,48	23,11	25,40
LUBSPT0606	3/8	9,52	3/8	7,11	11/16	17,46	13/16	20,64	16,76	19,30	31,24	23,87	28,44
LUBSPT0804	1/2	12,70	1/4	7,11	7/8	22,22	11/16	17,46	22,86	21,84	36,06	25,90	28,30
LUBSPT0806	1/2	12,70	3/8	9,65	7/8	22,22	13/16	20,64	22,86	21,84	36,06	25,90	28,30
LUBSPT0808	1/2	12,70	1/2	10,41	7/8	22,22	15/16	23,81	22,86	21,84	36,06	25,90	33,02
LUBSPT1208	3/4	19,05	1/2	11,93	1.1/8	28,57	1.1/16	26,99	24,38	21,84	39,87	29,71	36,83
LUBSPT1616	1	25,40	1	22,35	1.1/2	38,10	1.3/8	34,93	31,24	26,41	49,02	36,83	46,70

Connects Metric Tubes

Codice Part Number	D	T (BSPT)	d	CH1	CH2		A	B	L1	L2	L3
					in	Mm					
LUBSPT0302M	3	1/8	2,40	12	7/16	12	12,9	15,3	26,3	17,0	17,8
LUBSPT0304M	3	1/4	2,40	14	1/2	12	12,9	15,3	24,6	18,0	23,4
LUBSPT0402M	4	1/8	2,40	12	1/2	12	13,7	16,1	25,4	18,8	18,8
LUBSPT0404M	4	1/4	2,40	14	1/2	12	13,7	16,1	25,4	18,8	23,4
LUBSPT0602M	6	1/8	4,80	14	1/2	12	15,3	17,7	27,0	19,6	18,8
LUBSPT0604M	6	1/8	4,80	14	1/2	12	15,3	17,7	27,0	19,6	23,4
LUBSPT0606M	6	3/8	4,80	19	11/16	17	15,3	17,7	29,8	22,4	26,2
LUBSPT0608M	6	1/2	4,80	22	13/16	22	15,3	17,7	31,8	24,4	33,0
LUBSPT0802M	8	1/8	4,80	16	9/16	14	16,2	18,6	28,8	21,3	19,8
LUBSPT0804M	8	1/4	6,40	16	9/16	14	16,2	18,6	28,8	21,3	24,4
LUBSPT0806M	8	3/8	6,40	19	11/16	17	16,2	18,6	31,4	23,9	28,5
LUBSPT0808M	8	1/2	6,40	22	13/16	22	16,2	18,6	32,6	25,1	33,0
LUBSPT1002M	10	1/8	4,80	19	11/16	17	17,2	19,5	31,5	23,9	23,6
LUBSPT1004M	10	1/4	7,10	19	11/16	17	17,2	19,5	31,5	23,9	26,2
LUBSPT1006M	10	3/8	7,10	19	11/16	17	17,2	19,5	31,5	23,9	26,2
LUBSPT1008M	10	1/2	7,10	22	13/16	22	17,2	19,5	33,5	25,9	33,0
LUBSPT1202M	12	1/8	4,80	22	13/16	22	22,8	22,0	36,0	25,9	23,6
LUBSPT1204M	12	1/4	7,10	22	13/16	22	22,8	22,0	36,0	25,9	26,2
LUBSPT1206M	12	3/8	9,50	22	13/16	22	22,8	22,0	36,0	25,9	26,2
LUBSPT1208M	12	1/2	9,50	22	1.1/16	27	22,8	22,0	36,0	25,9	33,
LUBSPT1212M	12	3/4	9,50	27	15/16	24	22,8	22,0	39,8	29,7	36,8
LUBSPT1606M	16	3/8	9,50	24	15/16	24	24,4	22,0	38,0	27,9	30,2
LUBSPT1608M	16	1/2	11,90	24	15/16	24	24,4	22,0	38,0	27,9	35,1
LUBSPT1612M	16	3/4	12,70	27	1.1/16	27	24,4	22,0	39,8	29,7	36,8
LUBSPT1808M	18	1/2	11,90	27	1.1/16	27	24,4	22,0	39,8	29,7	36,8
LUBSPT1812M	18	3/4	15,1	27	1.1/16	27	24,4	22,0	39,8	29,7	36,8
LUBSPT2008M	20	1/2	11,90	30	1.3/8	35	26,0	22,0	44,6	34,5	41,7
LUBSPT2012M	20	3/4	15,90	30	1.3/8	35	26,0	22,0	44,6	34,5	41,7
LUBSPT2212M	22	3/4	15,90	30	1.3/8	35	26,0	22,0	44,6	34,5	41,7
LUBSPT2216M	22	1	18,30	36	1.3/8	35	26,0	22,0	44,6	34,5	46,5
LUBSPT2512M	25	3/4	15,90	36	1.3/8	35	31,3	26,5	49,1	36,8	41,7
LUBSPT2516M	25	1	21,80	36	1.3/8	35	31,3	26,5	49,1	36,8	46,5

Adattatore a Gomito

Adaptor Elbow



Connects Fractional Tubes

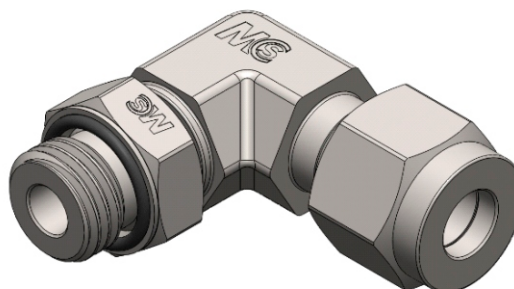
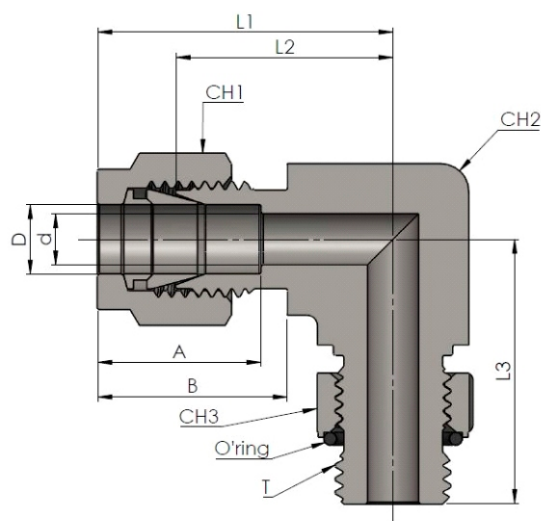
Codice Part Number	D		d	CH1		CH2		A	B	L1	L2	L3
	in	mm		in	mm	in	mm					
LUCN01	1/16	1,58	0,76	5/16	7,93	7/16	11,11	8,63	10,92	22,3	14,00	16,00
LUCN02	1/8	3,17	2,03	7/16	11,11	7/16	11,11	12,70	15,24	22,3	15,74	20,59
LUCN03	3/16	4,76	3,04	1/2	12,70	7/16	11,11	13,71	16,00	25,4	17,78	22,48
LUCN04	1/4	6,35	4,32	9/16	14,28	7/16	11,11	15,24	17,78	27,0	19,55	25,00
LUCN05	5/16	7,93	5,59	5/8	15,87	7/16	11,11	16,25	18,54	28,8	21,33	27,08
LUCN06	3/8	9,52	6,86	11/16	17,46	9/16	14,29	16,76	19,30	31,5	23,11	26,00
LUCN08	1/2	12,70	9,40	7/8	22,22	11/16	17,46	22,86	21,84	36,0	25,90	37,30
LUCN10	5/8	15,87	11,94	1	25,40	13/16	20,64	24,38	21,84	38,8	28,70	41,75
LUCN12	3/4	19,05	14,73	1.1/8	28,57	15/16	23,81	24,38	21,84	38,8	29,71	42,60
LUCN14	7/8	22,22	18,28	1.1/4	31,75	1.1/16	26,99	25,90	21,84	39,8	34,54	49,39
LUCN16	1	25,40	20,32	1.1/2	38,10	1.3/8	34,93	31,24	26,41	42,6	46,83	55,60

Connects Metric Tubes

Codice Part Number	D	d	CH1	CH2	A	B	L1	L2	L3
LUCN03M	3	1,9	12	12	12,9	15,3	22,3	15,7	20,5
LUCN04M	4	2,2	12	14	13,7	16,4	25,4	18,8	23,0
LUCN06M	6	4,1	14	14	15,3	17,7	27,0	19,6	25,1
LUCN08M	8	5,6	17	17	16,2	18,6	28,8	21,3	27,2
LUCN10M	10	7,1	19	17	17,2	19,5	31,5	23,9	29,5
LUCN12M	12	8,8	22	22	22,8	22,0	36,	25,9	37,3
LUCN15M	15	11,2	26	24	24,4	22,0	38,8	28,7	41,6
LUCN16M	16	12,0	26	24	24,4	22,0	38,8	28,7	41,8
LUCN18M	18	13,9	30	27	24,4	22,0	39,8	29,7	42,6
LUCN20M	20	15,5	32	33	26,0	22,0	42,6	32,5	67,1
LUCN22M	22	16,1	32	33	26,0	22,0	42,6	32,5	47,2
LUCN25M	25	19,9	38	36	31,3	26,5	49,1	36,8	55,6
LUCN28M	28	22,5	46	41	36,6	36,6	64,0	43,2	65,0

Connettore a Gomito Orientabile

Adjustable Elbow with *o'ring* and *Special washer*



Connects Fractional Tubes to BSP

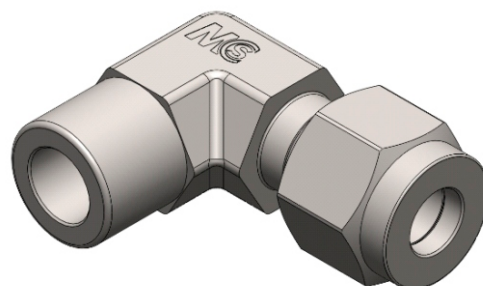
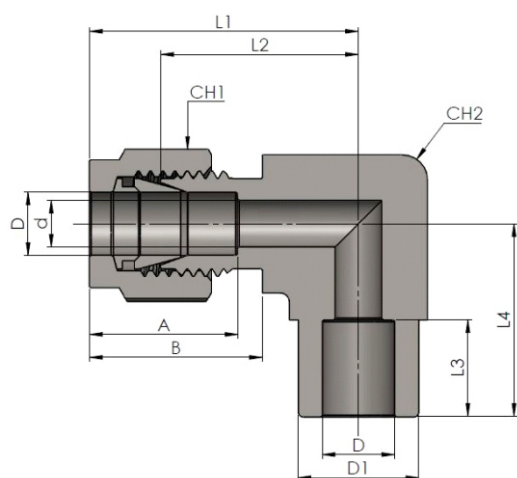
Codice Part Number	D		T (BSP)	d	CH1		CH2		CH3		A	B	L1	L2	L3
	in	mm			in	mm	in	mm	in	mm					
LUADJ0404	1/4	6,35	1/4	4,82	9/16	14,28	9/16	14,28	9/16	14,28	15,24	17,78	26,92	19,68	26,00
LUADJ0406	1/4	6,35	3/8	4,82	9/16	14,28	3/4	19,05	3/4	19,05	15,24	17,78	28,96	21,72	32,00
LUADJ0606	3/8	9,52	3/8	7,11	11/16	17,46	3/4	19,05	3/4	19,05	16,76	19,30	30,48	23,12	32,00
LUADJ0608	3/8	9,52	1/2	7,11	11/16	17,46	15/16	24,81	7/8	22,22	16,76	19,30	33,27	25,91	37,00
LUADJ0808	1/2	12,70	1/2	10,41	7/8	22,22	15/16	24,81	3/4	19,05	22,86	21,84	36,07	22,61	32,00
LUADJ0812	1/2	19,05	3/4	10,41	7/8	22,22	1.1/16	26,98	1.1/16	26,98	22,86	21,84	38,10	24,64	43,00
LUADJ1016	5/8	25,40	1	12,70	1	25,40	1.3/8	34,93	1.1/16	26,98	24,38	21,84	38,10	27,72	43,00
LUADJ1220	3/4	31,75	1.1/4	15,74	1.1/8	28,57	1.11/16	42,86	1.1/16	26,98	24,38	21,84	39,88	29,49	43,00
LUADJ1224	3/4	38,10	1.1/2	15,74	1.1/8	28,57	2	50,80	1.3/8	34,92	24,38	21,84	39,88	29,49	49,00

Connects Metric Tubes to BSP

Codice Part Number	D	T (BSP)	d	CH1	CH2		CH3	A	B	L1	L2	L3
					in	mm						
LUADJ0602M	6	1/8	4,0	14	9/16	14	14	15,3	17,7	27,0	19,6	26,4
LUADJ0604M	6	1/4	4,8	14	3/4	19	19	15,3	17,7	29,0	21,6	32,3
LUADJ0802M	8	1/8	4,0	17	9/16	14	14	16,2	18,6	28,8	21,3	27,4
LUADJ0804M	8	1/4	5,9	17	3/4	19	19	16,2	18,6	29,9	22,4	32,2
LUADJ1004M	10	1/4	5,9	19	3/4	19	19	17,2	19,5	33,5	25,9	35,0
LUADJ1006M	10	3/8	7,9	19	7/8	22	22	17,2	19,5	33,5	25,9	37,1
LUADJ1204M	12	1/4	5,9	22	3/4	19	19	22,8	22,0	36,0	25,9	35,
LUADJ1206M	12	3/8	7,9	22	7/8	22	22	22,8	22,0	36,0	25,9	37,1
LUADJ1208M	12	1/2	9,5	22	1.1/16	27	27	22,8	22,0	38,0	27,9	43,4
LUADJ1212M	12	3/4	9,5	22	1.3/8	35	36	22,8	22,0	39,8	29,7	48,8

Connettore a Gomito con Tasca a Saldare

Socked Weld Elbow

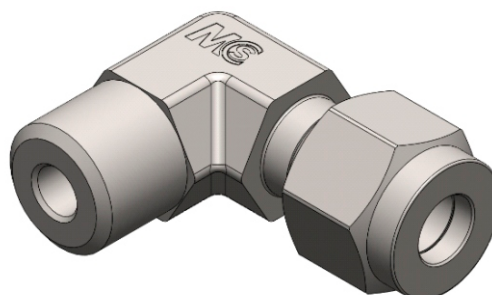
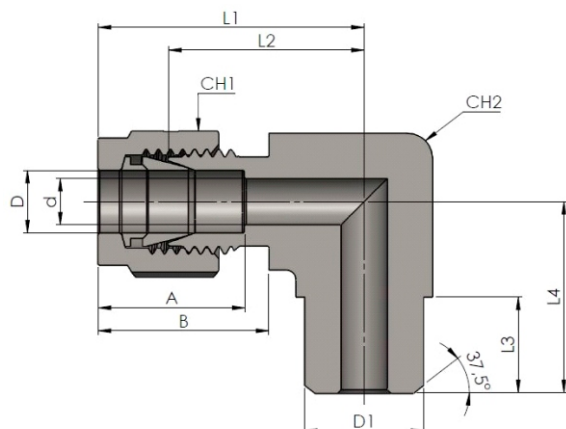


Connects Fractional Tubes

Codice Part Number	D		d	CH1		CH2		A	B	L1	L2	L3	L4
	in	mm		in	mm	in	mm						
LUSW0404	1/4	6,35	4,82	9/16	14,28	7/16	11,11	15,24	17,78	26,92	19,55	7,87	19,55
LUSW0606	3/8	9,52	7,11	11/16	17,46	9/16	14,28	16,76	19,30	30,48	23,11	9,65	23,11
LUSW0808	1/2	12,70	10,41	7/8	22,22	13/16	20,63	22,86	21,84	36,06	25,90	12,70	25,90
LUSW1212	3/4	19,05	15,74	1.1/8	28,57	1.1/16	26,97	24,38	21,84	39,87	29,71	14,22	29,71
LUSW1616	1	25,40	22,35	1.1/2	38,10	1.3/8	34,92	31,24	26,41	49,01	36,83	19,05	36,83

Connettore a Gomito a Saldare di Testa

Buttweld Elbow

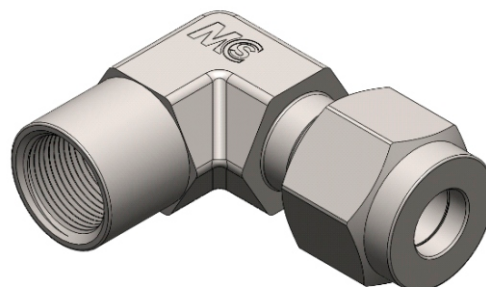
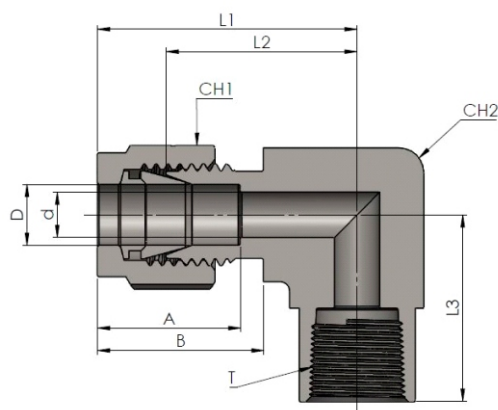


Connects Fractional Tubes

Codice Part Number	D		D1		d	CH1		CH2		A	B	L1	L2	L3	L4
	in	mm	in	mm		in	mm	in	mm						
LUMPW0202	1/8	3,17	1/8	10,29	4,82	9/16	14,28	7/16	11,11	15,24	17,78	26,92	19,55	9,65	18,79
LUMPW0202	1/4	6,35	1/4	13,72	4,82	9/16	14,28	9/16	14,28	15,24	17,78	26,92	19,55	14,22	23,36
LUMPW0202	3/8	9,52	1/4	13,72	7,11	11/16	17,46	13/16	20,63	16,76	19,30	30,48	23,11	14,22	25,40
LUMPW0202	1/2	12,70	1/2	21,34	10,41	7/8	22,22	1.1/16	26,97	22,86	21,84	36,06	25,90	19,05	33,02
LUMPW0202	3/4	19,05	3/4	26,67	15,74	1.1/8	28,57	1.3/8	34,92	24,38	21,84	39,87	29,71	19,05	36,83

Adattatore a Gomito Femmina NPT

NPT Female Elbow



Connects Fractional Tubes

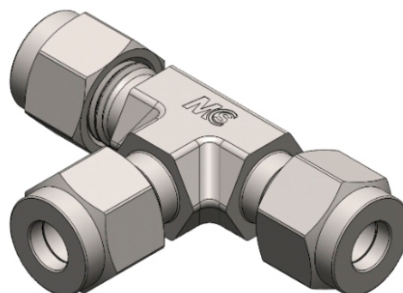
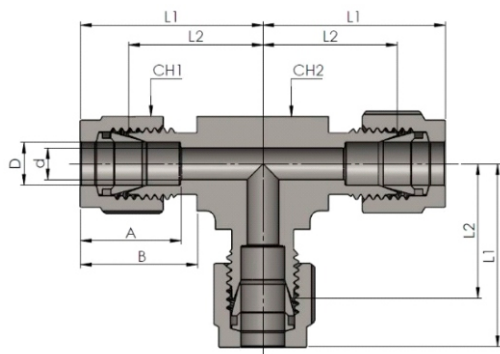
Codice Part Number	D		T (NPT)	d	CH1		CH2		A	B	L1	L2	L3
	in	mm			in	mm	in	mm					
LUNPTF0202	1/8	3,17	1/8	2,28	7/16	11,11	9/16	14,29	12,70	15,24	24,63	18,03	19,05
LUNPTF0204	1/8	3,17	1/4	22,8	7/16	11,11	13/16	20,64	12,70	15,24	27,43	20,82	22,35
LUNPTF0302	3/16	4,76	1/8	3,04	1/2	12,70	9/16	14,29	13,71	16,00	25,40	18,79	19,05
LUNPTF0402	1/4	6,35	1/8	4,82	9/16	14,28	9/16	14,29	15,24	17,78	26,92	19,55	19,05
LUNPTF0404	1/4	6,35	1/4	4,82	9/16	14,28	13/16	20,64	15,24	17,78	29,71	22,35	22,35
LUNPTF0406	1/4	6,35	3/8	4,82	9/16	14,28	13/16	20,64	15,24	17,78	31,75	24,38	22,35
LUNPTF0408	1/4	6,35	1/2	4,82	9/16	14,28	1.1/16	26,99	15,24	17,78	34,54	27,17	28,44
LUNPTF0502	5/16	7,93	1/8	6,35	5/8	15,87	9/16	14,29	16,25	18,54	28,70	21,33	19,05
LUNPTF0504	5/16	7,93	1/4	6,35	5/8	15,87	13/16	20,64	16,25	18,54	30,48	23,11	22,35
LUNPTF0602	3/8	9,52	1/8	7,11	11/16	17,46	9/16	14,29	16,76	19,30	30,48	23,11	19,05
LUNPTF0604	3/8	9,52	1/4	7,11	11/16	17,46	13/16	20,64	16,76	19,30	31,24	23,87	22,35
LUNPTF0606	3/8	9,52	3/8	7,11	11/16	17,46	13/16	20,64	16,76	19,30	33,27	25,90	22,35
LUNPTF0608	3/8	9,52	1/2	7,11	11/16	17,46	1.1/16	26,99	16,76	19,30	36,06	28,70	28,44
LUNPTF0804	1/2	12,70	1/4	10,41	7/8	22,22	13/16	20,64	22,86	21,84	36,06	25,90	22,35
LUNPTF0806	1/2	12,70	3/8	10,41	7/8	22,22	13/16	20,64	22,86	21,84	36,06	25,90	22,35
LUNPTF0808	1/2	12,70	1/2	10,41	7/8	22,22	1.1/16	26,99	22,86	21,84	38,86	28,70	28,44
LUNPTF1006	5/8	15,87	3/8	12,70	1	25,40	13/16	20,64	24,38	21,84	38,10	27,94	22,35
LUNPTF1008	5/8	15,87	1/2	12,70	1	25,40	1.1/16	26,99	24,38	21,84	39,87	29,71	28,44
LUNPTF1208	3/4	19,05	1/2	15,74	1.1/8	28,57	1.1/16	26,99	24,38	21,84	39,87	29,71	28,44
LUNPTF1212	3/4	19,05	3/4	15,74	1.1/8	28,57	1.3/8	34,93	24,38	21,84	44,70	34,54	31,75
LUNPTF1412	7/8	22,22	3/4	18,28	1.1/4	31,75	1.3/8	34,93	25,90	21,84	44,70	34,54	31,75
LUNPTF1612	1	25,40	3/4	22,35	1.1/2	38,10	1.3/8	34,93	31,24	26,41	49,02	36,83	31,75
LUNPTF1616	1	25,40	1	22,35	1.1/2	38,10	1.11/16	42,86	31,24	26,41	50,29	38,10	38,10

Connects Metric Tubes

Codice Part Number	D	T (NPT)	d	CH1	CH2	A	B	L1	L2	L3
LUNPTF0602M	6	1/8	4,8	14	14	15,3	17,7	27,0	19,6	19,00
LUNPTF0604M	6	1/4	4,8	14	19	15,3	17,7	29,8	22,4	22,40
LUNPTF0606M	6	3/8	4,8	14	22	15,3	17,7	31,7	24,4	22,40
LUNPTF0608M	6	1/2	4,8	14	26	15,3	17,7	34,6	27,2	28,40
LUNPTF0804M	8	1/4	6,4	17	17	16,2	18,6	30,6	23,1	22,40
LUNPTF0808M	8	1/2	6,4	17	22	16,2	18,6	35,2	28,0	28,40
LUNPTF1002M	10	1/8	7,9	19	17	17,2	19,5	31,5	23,9	19,00
LUNPTF1004M	10	1/4	7,9	19	17	17,2	19,5	33,5	25,9	22,40
LUNPTF1006M	10	3/8	7,9	19	22	17,2	19,5	33,5	25,9	22,40
LUNPTF1008M	10	1/2	7,9	19	26	17,2	19,5	36,1	28,7	28,40
LUNPTF1204M	12	1/4	9,5	22	22	22,8	22,0	36,0	25,9	22,40
LUNPTF1206M	12	3/8	9,5	22	22	22,8	22,0	36,0	25,9	22,40
LUNPTF1208M	12	1/2	9,5	22	26	22,8	22,0	38,8	28,7	28,40
LUNPTF1608M	16	1/2	12,7	26	27	24,4	22,0	39,5	29,7	28,40

Tee Intermedio

Union Tee



Connects Fractional Tubes

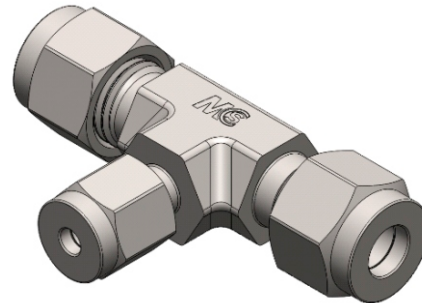
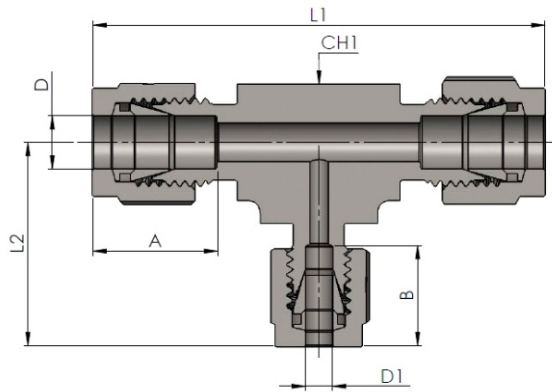
Codice Part Number	D		d	CH1		CH2		A	B	L1	L2
	in	mm		in	mm	in	mm				
TCU01	1/16	1,58	1,27	5/16	7,93	7/16	11,11	8,63	10,92	17,88	14,00
TCU02	1/8	3,17	2,28	7/16	11,11	7/16	11,11	12,70	15,24	22,35	15,74
TCU03	3/16	4,76	3,04	1/2	12,70	7/16	11,11	13,71	16,00	24,38	17,78
TCU04	1/4	6,35	4,82	9/16	14,28	7/16	11,11	15,24	17,78	26,92	19,55
TCU05	5/16	7,93	6,35	5/8	15,87	9/16	14,29	16,25	18,54	28,70	21,33
TCU06	3/8	9,52	7,11	11/16	17,46	9/16	14,29	16,76	19,30	30,48	23,11
TCU08	1/2	12,70	10,41	7/8	22,22	11/16	17,46	22,86	21,84	36,06	25,90
TCU10	5/8	15,87	12,70	1	25,40	13/16	20,64	24,38	21,84	38,80	28,70
TCU12	3/4	19,05	15,74	1.1/8	28,57	15/16	23,81	24,38	21,84	39,87	29,71
TCU14	7/8	22,22	18,28	1.1/4	31,75	1.1/16	26,99	25,90	21,84	44,70	34,54
TCU16	1	25,40	22,35	1.1/2	38,10	1.3/8	34,93	31,24	26,41	49,02	36,83
TCU20	1.1/4	31,75	27,68	1.7/8	47,62	1.11/16	42,86	41,14	38,86	66,54	44,50
TCU24	1.1/2	38,10	34,03	2.1/4	57,15	2	50,80	50,03	45,21	77,97	50,80
TCU32	2	50,80	45,97	3	76,20	2.3/4	69,85	67,56	62,73	107,18	69,80

Connects Metric Tubes

Codice Part Number	D	d	CH1	CH2		A	B	L1	L2
				in	mm				
TCU02M	2	1,70	12	3/8	12	12,9	15,3	22,3	15,7
TSU03M	3	2,40	12	3/8	12	12,9	15,3	22,3	15,7
TCU04M	4	2,40	12	1/2	12	13,7	16,1	25,4	18,8
TCU06M	6	4,80	14	1/2	14	15,3	17,7	27,0	19,6
TCU08M	8	6,40	17	5/8	17	16,2	18,6	28,8	21,3
TCU10M	10	7,90	19	11/16	19	17,2	19,5	31,5	23,9
TCU12M	12	9,50	22	13/16	22	22,8	22,0	36,0	25,9
TCU14M	14	11,10	25						
TCU15M	15	11,90	24	1	24	24,4	22,0	38,8	28,7
TCU16M	16	12,70	24		24	24,4	22,0	38,8	28,7
TCU18M	18	15,10	27		27	24,4	22,0	39,8	29,7
TCU20M	20	15,90	30		33	26,0	22,0	42,6	32,5
TCU22M	22	18,30	30		33	26,0	22,0	42,6	32,5
TCU25M	25	21,80	36		41	31,3	26,5	49,1	36,8
TCU28M	28	21,80	41		-	36,6	36,6	64,0	43,2
TCU30M	30	26,20							
TCU32M	32	28,60	46		-	42,0	41,6	72,3	49,3
TCU38M	38	33,70	55		-	49,4	47,9	84,0	56,4
TCU50M	50	36,00	65		-	65,0		105,5	

Tee Riduttore Centrale

Reducing Union Central Tee



Connects Fractional Tubes

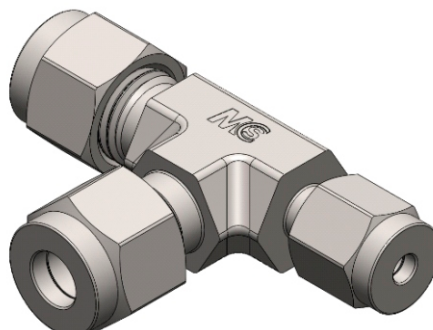
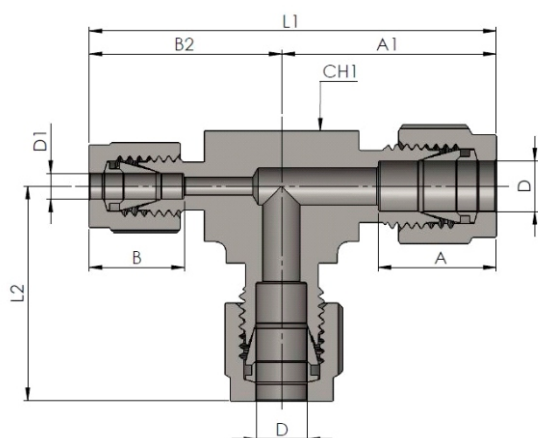
Codice Part Number	D		D1		CH1		A	B	L1	L2
	in	mm	in	mm	in	mm				
TCRU0604	3/8	9,52	1/4	6,35	9/16	14,29	16,76	15,24	60,96	28,95
TCRU0804	1/2	12,70	1/4	6,35	11/16	17,46	22,86	15,24	72,14	31,75
TCRU0806	1/2	12,70	3/8	9,52	11/16	17,46	22,86	16,76	72,14	33,27
TCRU1006	5/8	15,87	3/8	9,52	13/16	20,64	24,38	16,76	77,72	36,07
TCRU1206	3/4	19,05	3/8	9,52	15/16	23,81	24,38	16,76	79,78	37,08
TCRU1208	3/4	19,05	1/2	12,70	15/16	23,81	24,38	22,86	79,75	39,87
TCRU1606	1	25,40	3/8	9,52	1.3/8	34,93	31,24	16,76	98,04	41,91
TCRU1608	1	25,40	1/2	12,70	1.3/8	34,93	31,24	22,86	98,04	44,70
TCRU1612	1	25,40	3/4	19,05	1.3/8	34,93	31,24	24,38	98,04	44,70
TCRU2016	1.1/4	31,75	1	25,40	1.11/16	42,86	41,15	31,24	135,63	55,18
TCRU2416	1.1/2	38,10	1	25,40	2	50,80	50,03	31,24	157,48	59,94
TCRU3216	2	50,80	1	25,40	2.3/4	69,85	67,56	31,24	214,37	70,86

Connects Metric Tubes

Codice Part Number	D	D1	CH1	A	B	L1	L2
TCRU0306M	3	6	12	12,9	15,3	49,3	26,9
TCRU0806M	8	6	17	16,2	15,3	59,9	29,0
TCRU1006M	10	6	19	17,2	15,3	63,0	29,7
TCRU1206M	12	6	22	22,8	15,3	72,0	31,8
TCRU1512M	15	12	24	24,4	22,8	77,7	38,9
TCRU1612M	16	12	24	24,4	22,8	77,6	38,9
TCRU1812M	18	12	33	24,4	22,8	79,8	39,9
TCRU2212M	22	12	36	26,0	22,8	89,4	44,7
TCRU2512M	25	12	36	31,3	22,8	98,0	44,7

Tee Riduttore Laterale

Reducing Union Lateral Tee

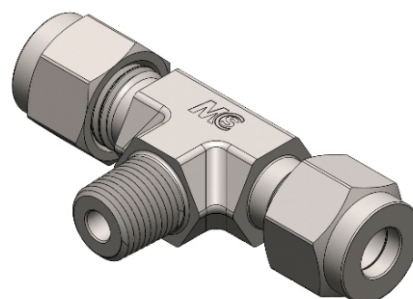
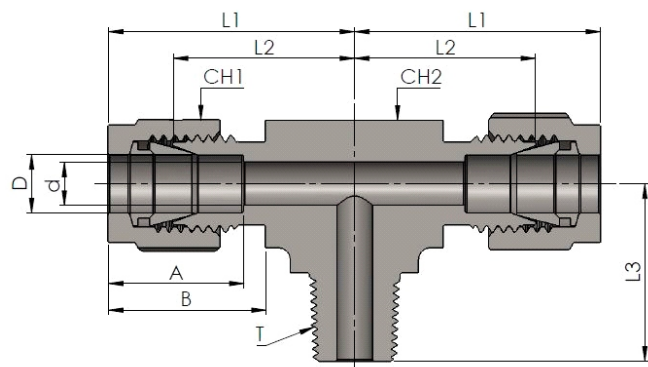


Connects Fractional Tubes

Codice Part Number	D		D1		CH1		A	B	A1	B2	L1	L2
	in	mm	in	mm	in	mm						
TLRU0604	3/8	9,52	1/4	6,35	9/16	14,29	16,76	15,24	30,48	28,95	59,44	30,48
TLRU0806	1/2	12,70	3/8	9,52	11/16	17,46	22,86	16,76	36,07	33,27	69,34	36,07
TLRU1006	5/8	15,87	3/8	9,52	13/16	20,64	24,38	16,76	38,86	36,06	74,93	38,86
TLRU1206	3/4	19,05	3/8	9,52	15/16	23,81	24,38	16,76	39,87	37,08	76,96	39,87

Tee Maschio NPT Centrale

Central NPT Male Branch Tee



Connects Fractional Tubes

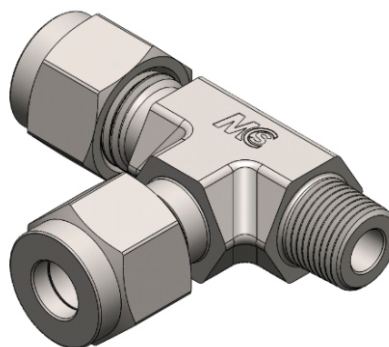
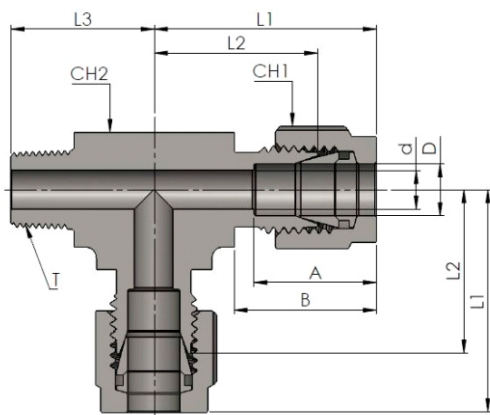
Codice Part Number	D		T (NPT)	d	CH1		CH2		A	B	L1	L2	L3
	in	mm			in	mm	in	mm					
TCUNPT0202	1/8	3,17	1/8	2,28	7/16	11,11	7/16	11,11	12,70	15,24	24,91	17,00	17,80
TCUNPT0204	1/8	3,17	1/4	2,28	7/16	11,11	9/16	14,29	12,70	15,24	24,91	18,30	23,36
TCUNPT0302	3/16	4,76	1/8	3,04	1/2	12,70	7/16	11,11	13,71	16,00	24,38	17,78	17,78
TCUNPT0402	1/4	6,35	1/8	4,82	9/16	14,28	7/16	11,11	15,24	17,78	26,92	19,55	18,79
TCUNPT0404	1/4	6,35	1/4	4,82	9/16	14,28	9/16	14,29	15,24	17,78	27,08	19,71	23,87
TCUNPT0502	5/16	7,93	1/8	4,82	5/8	15,87	9/16	14,29	16,25	18,54	29,71	22,35	20,82
TCUNPT0604	3/8	9,52	1/4	7,11	11/16	17,46	9/16	14,29	16,76	19,30	30,48	23,11	25,40
TCUNPT0606	3/8	9,52	3/8	7,11	11/16	17,46	13/16	20,64	16,76	19,30	31,24	23,87	26,20
TCUNPT0806	1/2	12,70	3/8	10,41	7/8	22,22	13/16	20,64	22,86	21,84	36,06	25,90	28,19
TCUNPT0808	1/2	12,70	1/2	10,41	7/8	22,22	13/16	20,64	22,86	21,84	36,06	25,90	33,02
TCUNPT1008	5/8	15,87	1/2	11,93	1	25,40	15/16	23,81	24,38	21,84	38,10	27,94	35,05
TCUNPT1212	3/4	19,05	3/4	15,74	1.1/8	28,57	1.1/16	26,99	24,38	21,84	38,35	28,19	36,83

Connects Metric Tubes

Codice Part Number	D	T (NPT)	d	CH1	CH2	A	B	L1	L2	L3
TCUNPT0302M	3	1/8	2,4	14	12	12,9	15,3	23,6	17,0	17,8
TCUNPT0304M	3	1/4	2,4	14	12	12,9	15,3	24,6	18,0	23,4
TCUNPT0402M	4	1/8	2,4	14	12	13,7	16,1	25,4	18,8	18,8
TCUNPT0602M	6	1/8	4,8	14	14	15,3	17,7	27,0	19,6	18,8
TCUNPT0604M	6	1/4	4,8	14	14	15,3	17,7	27,0	19,6	23,4
TCUNPT0802M	8	1/8	4,8	14	17	16,2	18,6	28,8	21,3	19,8
TCUNPT0804M	8	1/4	6,4	14	17	16,2	18,6	28,8	21,3	24,4
TCUNPT1004M	10	1/4	7,1	17	19	17,2	19,5	31,5	23,9	28,2
TCUNPT1006M	10	3/8	7,9	17	19	17,2	19,5	31,5	23,9	28,2
TCUNPT1204M	12	1/4	7,1	22	22	22,8	22,0	36,0	25,9	28,2
TCUNPT1206M	12	3/8	9,5	22	22	22,8	22,0	36,0	25,9	28,2
TCUNPT1208M	12	1/2	9,5	22	22	22,8	22,0	36,0	25,9	33,0
TCUNPT1606M	16	3/8	9,5	26	26	24,4	22,0	38,0	27,9	30,2
TCUNPT1608M	16	1/2	11,9	26	26	24,4	22,0	38,0	27,9	35,1
TCUNPT2012M	20	3/4	15,9	30	32	26,0	22,0	44,6	34,5	41,7

Tee Maschio NPT Laterale

Lateral NPT Male Branch Tee



Connects Fractional Tubes

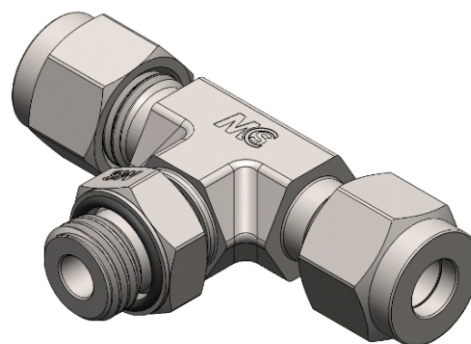
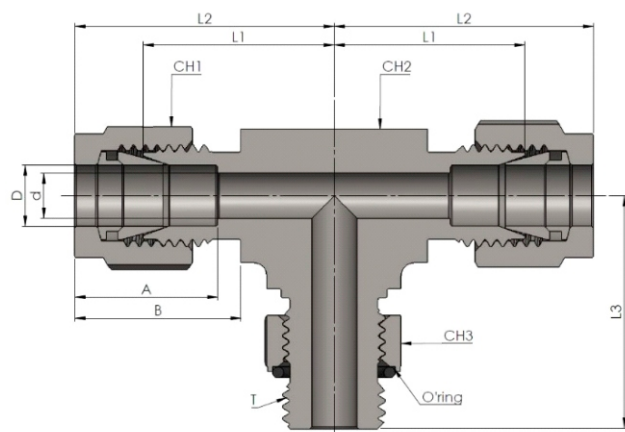
Codice Part Number	D		T (NPT)	d	CH1		CH2		A	B	L1	L2	L3
	in	mm			in	mm	in	mm					
TLUNPT0202	1/8	3,17	1/8	2,28	7/16	11,11	7/16	11,11	12,70	15,24	24,91	17,00	17,80
TLUNPT0204	1/8	3,17	1/4	2,28	7/16	11,11	9/16	14,29	12,70	15,24	24,91	18,30	23,36
TLUNPT0302	3/16	4,76	1/8	3,04	1/2	12,70	7/16	11,11	13,71	16,00	24,38	17,78	17,78
TLUNPT0402	1/4	6,35	1/8	4,82	9/16	14,28	7/16	11,11	15,24	17,78	26,92	19,55	18,79
TLUNPT0404	1/4	6,35	1/4	4,82	9/16	14,28	9/16	14,29	15,24	17,78	27,08	19,71	23,87
TLUNPT0502	5/16	7,93	1/8	4,82	5/8	15,87	9/16	14,29	16,25	18,54	29,71	22,35	20,82
TLUNPT0604	3/8	9,52	1/4	7,11	11/16	17,46	9/16	14,29	16,76	19,30	30,48	23,11	25,40
TLUNPT0606	3/8	9,52	3/8	7,11	11/16	17,46	13/16	20,64	16,76	19,30	31,24	23,87	26,20
TLUNPT0806	1/2	12,70	3/8	10,41	7/8	22,22	13/16	20,64	22,86	21,84	36,06	25,90	28,19
TLUNPT0808	1/2	12,70	1/2	10,41	7/8	22,22	13/16	20,64	22,86	21,84	36,06	25,90	33,02
TLUNPT1008	5/8	15,87	1/2	11,93	1	25,40	15/16	23,81	24,38	21,84	38,10	27,94	35,05
TLUNPT1212	3/4	19,05	3/4	15,74	1.1/8	28,57	1.1/16	26,99	24,38	21,84	38,35	28,19	36,83

Connects Metric Tubes

Codice Part Number	D	T (NPT)	d	CH1	CH2	A	B	L1	L2	L3
TLUNPT0302M	3	1/8	2,4	14	12	12,9	15,3	23,6	17,0	17,8
TLUNPT0304M	3	1/4	2,4	14	12	12,9	15,3	24,6	18,0	23,4
TLUNPT0402M	4	1/8	2,4	14	12	13,7	16,1	25,4	18,8	18,8
TLUNPT0602M	6	1/8	4,8	14	14	15,3	17,7	27,0	19,6	18,8
TLUNPT0604M	6	1/4	4,8	14	14	15,3	17,7	27,0	19,6	23,4
TLUNPT0802M	8	1/8	4,8	14	17	16,2	18,6	28,8	21,3	19,8
TLUNPT0804M	8	1/4	6,4	14	17	16,2	18,6	28,8	21,3	24,4
TLUNPT1004M	10	1/4	7,1	17	19	17,2	19,5	31,5	23,9	28,2
TLUNPT1006M	10	3/8	7,9	17	19	17,2	19,5	31,5	23,9	28,2
TLUNPT1204M	12	1/4	7,1	22	22	22,8	22,0	36,0	25,9	28,2
TLUNPT1206M	12	3/8	9,5	22	22	22,8	22,0	36,0	25,9	28,2
TLUNPT1208M	12	1/2	9,5	22	22	22,8	22,0	36,0	25,9	33,0
TLUNPT1606M	16	3/8	9,5	26	26	24,4	22,0	38,0	27,9	30,2
TLUNPT1608M	16	1/2	11,9	26	26	24,4	22,0	38,0	27,9	35,1
TLUNPT2012M	20	3/4	15,9	30	32	26,0	22,0	44,6	34,5	41,7

Tee Orientabile Centrale

Adjustable Central Tee *with o'ring and Special washer*



Connects Fractional Tubes to BSP

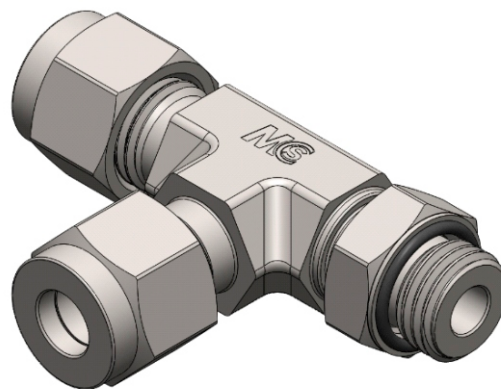
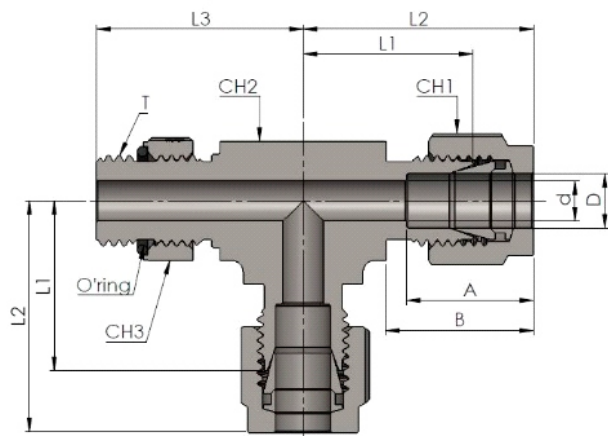
Codice Part Number	D		T (BSP)	d	CH1		CH2		CH3		A	B	L1	L2	L3
	in	mm			in	mm	in	mm	in	mm					
TCUADJ0404	1/4	6,35	1/4	4,82	9/16	14,28	9/16	14,28	9/16	14,28	15,24	17,78	26,92	19,68	26,00
TCUADJ0406	1/4	6,35	3/8	4,82	9/16	14,28	3/4	19,05	3/4	19,05	15,24	17,78	28,96	21,72	32,00
TCUADJ0606	3/8	9,52	3/8	7,11	11/16	17,46	3/4	19,05	3/4	19,05	16,76	19,30	30,48	23,12	32,00
TCUADJ0608	3/8	9,52	1/2	7,11	11/16	17,46	15/16	24,81	7/8	22,22	16,76	19,30	33,27	25,91	37,00
TCUADJ0808	1/2	12,70	1/2	10,41	7/8	22,22	15/16	24,81	3/4	19,05	22,86	21,84	36,07	22,61	32,00
TCUADJ0812	1/2	19,05	3/4	10,41	7/8	22,22	1.1/16	26,98	1.1/16	26,98	22,86	21,84	38,10	24,64	43,00
TCUADJ1016	5/8	25,40	1	12,70	1	25,40	1.3/8	34,93	1.1/16	26,98	24,38	21,84	38,10	27,72	43,00
TCUADJ1220	3/4	31,75	1.1/4	15,74	1.1/8	28,57	1.11/16	42,86	1.1/16	26,98	24,38	21,84	39,88	29,49	43,00
TCUADJ1224	3/4	38,10	1.1/2	15,74	1.1/8	28,57	2	50,80	1.3/8	34,92	24,38	21,84	39,88	29,49	49,00

Connects Metric Tubes to BSP

Codice Part Number	D	T (BSP)	d	CH1	CH2		CH3	A	B	L1	L2	L3
					in	mm						
TCUADJ0602M	6	1/8	4,0	14	9/16	14	14	15,3	17,7	27,0	19,6	26,4
TCUADJ0604M	6	1/4	4,8	14	3/4	19	19	15,3	17,7	29,0	21,6	32,3
TCUADJ0802M	8	1/8	4,0	17	9/16	14	14	16,2	18,6	28,8	21,3	27,4
TCUADJ0804M	8	1/4	5,9	17	3/4	19	19	16,2	18,6	29,9	22,4	32,2
TCUADJ1004M	10	1/4	5,9	19	3/4	19	19	17,2	19,5	33,5	25,9	35,0
TCUADJ1006M	10	3/8	7,9	19	7/8	22	22	17,2	19,5	33,5	25,9	37,1
TCUADJ1204M	12	1/4	5,9	22	3/4	19	19	22,8	22,0	36,0	25,9	35,
TCUADJ1206M	12	3/8	7,9	22	7/8	22	22	22,8	22,0	36,0	25,9	37,1
TCUADJ1208M	12	1/2	9,5	22	1.1/16	27	27	22,8	22,0	38,0	27,9	43,4
TCUADJ1212M	12	3/4	9,5	22	1.3/8	35	36	22,8	22,0	39,8	29,7	48,8

Tee Orientabile Laterale

Adjustable Lateral Tee *with o'ring and Special washer*



Connects Fractional Tubes to BSP

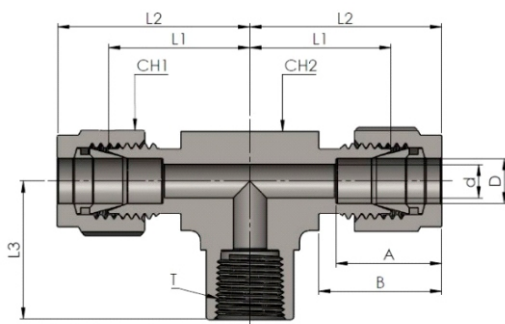
Codice Part Number	D		T (BSP)	d	CH1		CH2		CH3		A	B	L1	L2	L3
	in	mm			in	mm	in	mm	in	mm					
TLUADJ0404	1/4	6,35	1/4	4,82	9/16	14,28	9/16	14,28	9/16	14,28	15,24	17,78	26,92	19,68	26,00
TLUADJ0406	1/4	6,35	3/8	4,82	9/16	14,28	3/4	19,05	3/4	19,05	15,24	17,78	28,96	21,72	32,00
TLUADJ0606	3/8	9,52	3/8	7,11	11/16	17,46	3/4	19,05	3/4	19,05	16,76	19,30	30,48	23,12	32,00
TLUADJ0608	3/8	9,52	1/2	7,11	11/16	17,46	15/16	24,81	7/8	22,22	16,76	19,30	33,27	25,91	37,00
TLUADJ0808	1/2	12,70	1/2	10,41	7/8	22,22	15/16	24,81	3/4	19,05	22,86	21,84	36,07	22,61	32,00
TLUADJ0812	1/2	19,05	3/4	10,41	7/8	22,22	1.1/16	26,98	1.1/16	26,98	22,86	21,84	38,10	24,64	43,00
TLUADJ1016	5/8	25,40	1	12,70	1	25,40	1.3/8	34,93	1.1/16	26,98	24,38	21,84	38,10	27,72	43,00
TLUADJ1220	3/4	31,75	1.1/4	15,74	1.1/8	28,57	1.11/16	42,86	1.1/16	26,98	24,38	21,84	39,88	29,49	43,00
TLUADJ1224	3/4	38,10	1.1/2	15,74	1.1/8	28,57	2	50,80	1.3/8	34,92	24,38	21,84	39,88	29,49	49,00

Connects Metric Tubes to BSP

Codice Part Number	D	T (BSP)	d	CH1	CH2		CH3	A	B	L1	L2	L3
					in	mm						
TLUADJ0602M	6	1/8	4,0	14	9/16	14	14	15,3	17,7	27,0	19,6	26,4
TLUADJ0604M	6	1/4	4,8	14	3/4	19	19	15,3	17,7	29,0	21,6	32,3
TLUADJ0802M	8	1/8	4,0	17	9/16	14	14	16,2	18,6	28,8	21,3	27,4
TLUADJ0804M	8	1/4	5,9	17	3/4	19	19	16,2	18,6	29,9	22,4	32,2
TLUADJ1004M	10	1/4	5,9	19	3/4	19	19	17,2	19,5	33,5	25,9	35,0
TLUADJ1006M	10	3/8	7,9	19	7/8	22	22	17,2	19,5	33,5	25,9	37,1
TLUADJ1204M	12	1/4	5,9	22	3/4	19	19	22,8	22,0	36,0	25,9	35,
TLUADJ1206M	12	3/8	7,9	22	7/8	22	22	22,8	22,0	36,0	25,9	37,1
TLUADJ1208M	12	1/2	9,5	22	1.1/16	27	27	22,8	22,0	38,0	27,9	43,4
TLUADJ1212M	12	3/4	9,5	22	1.3/8	35	36	22,8	22,0	39,8	29,7	48,8

Tee Femmina NPT Centrale

Central NPT Female Branch Tee

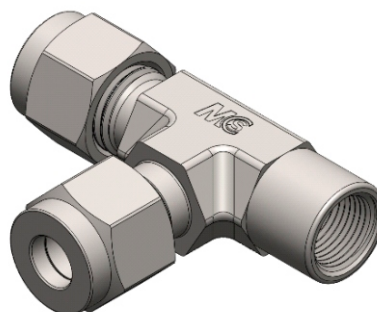
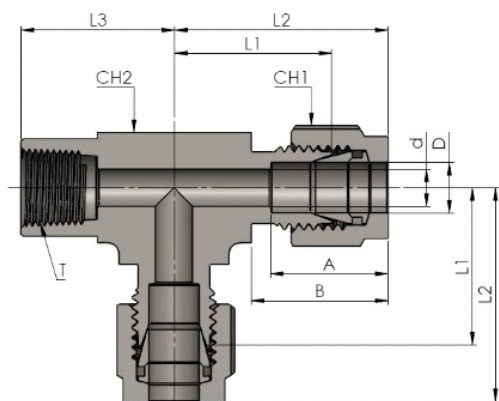


Connects Fractional Tubes to NPT

Codice Part Number	D		T (NPT)	D	CH1		CH2		A	B	L1	L2	L3
	in	mm			in	mm	in	mm					
TCUNPTF0202	1/8	3,17	1/8	2,28	7/16	11,11	9/16	14,29	12,70	15,24	18,03	24,63	19,05
TCUNPTF0402	1/4	6,35	1/8	4,82	9/16	14,28	9/16	14,29	15,24	17,78	19,55	26,92	19,05
TCUNPTF0404	1/4	6,35	1/4	4,82	9/16	14,28	13/16	20,64	15,24	17,78	22,86	29,71	22,35
TCUNPTF0604	3/8	9,52	1/4	7,11	11/16	17,46	13/16	20,64	16,76	19,30	23,87	31,24	22,35
TCUNPTF0806	1/2	12,70	3/8	10,41	7/8	22,22	13/16	20,64	22,86	21,84	25,90	36,06	22,35
TCUNPTF0808	1/2	12,70	1/2	10,41	7/8	22,22	1.1/16	26,99	22,86	21,84	29,71	39,87	28,44
TCUNPTF1212	3/4	19,05	3/4	15,74	1.1/8	28,57	1.3/8	34,92	24,38	21,84	34,54	44,70	31,75
TCUNPTF1612	1	25,40	3/4	22,35	1.1/2	38,10	1.3/8	34,92	31,24	26,41	26,83	49,02	31,75
TCUNPTF1616	1	25,40	1	22,35	1.1/2	38,10	1.11/16	42,86	31,24	26,41	41,40	53,59	38,10

Tee Femmina NPT Laterale

Lateral NPT Female branch Tee

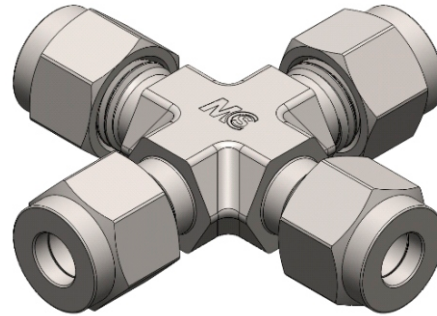
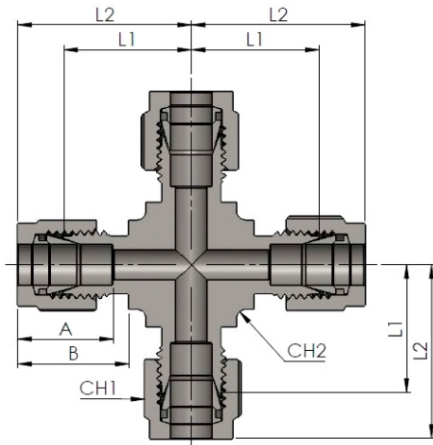


Connects Fractional Tubes to NPT

Codice Part Number	D		T (NPT)	D	CH1		CH2		A	B	L1	L2	L3
	in	mm			in	mm	in	mm					
TLUNPTF0202	1/8	3,17	1/8	2,28	7/16	11,11	9/16	14,29	12,70	15,24	18,03	24,63	19,05
TLUNPTF0402	1/4	6,35	1/8	4,82	9/16	14,28	9/16	14,29	15,24	17,78	19,55	26,92	19,05
TLUNPTF0404	1/4	6,35	1/4	4,82	9/16	14,28	13/16	20,64	15,24	17,78	22,86	29,71	22,35
TLUNPTF0604	3/8	9,52	1/4	7,11	11/16	17,46	13/16	20,64	16,76	19,30	23,87	31,24	22,35
TLUNPTF0806	1/2	12,70	3/8	10,41	7/8	22,22	13/16	20,64	22,86	21,84	25,90	36,06	22,35
TLUNPTF0808	1/2	12,70	1/2	10,41	7/8	22,22	1.1/16	26,99	22,86	21,84	29,71	39,87	28,44
TLUNPTF1212	3/4	19,05	3/4	15,74	1.1/8	28,57	1.3/8	34,92	24,38	21,84	34,54	44,70	31,75
TLUNPTF1612	1	25,40	3/4	22,35	1.1/2	38,10	1.3/8	34,92	31,24	26,41	26,83	49,02	31,75
TLUNPTF1616	1	25,40	1	22,35	1.1/2	38,10	1.11/16	42,86	31,24	26,41	41,40	53,59	38,10

Intermedio a Croce

Union Cross



Connects Fractional Tubes

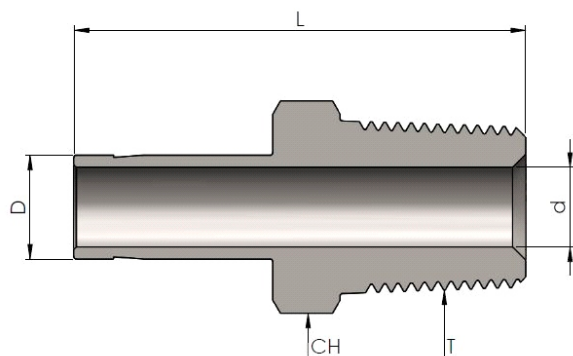
Codice Part Number	D		d	CH1		CH2		A	B	L1	L2
	in	mm		in	mm	in	mm				
CU01	1/16	1,58	1,27	5/16	7,93	7/16	11,11	8,63	10,92	14,00	17,88
CU02	1/8	3,17	2,28	7/16	11,11	7/16	11,11	12,70	15,24	15,74	22,35
CU03	3/16	4,76	3,04	1/2	12,70	7/16	11,11	13,71	16,00	17,78	24,38
CU04	1/4	6,35	4,82	9/16	14,28	7/16	11,11	15,24	17,78	19,55	26,92
CU05	5/16	7,93	6,35	5/8	15,87	9/16	14,29	16,25	18,54	21,33	28,70
CU06	3/8	9,52	7,11	11/16	17,46	9/16	14,29	16,76	19,30	23,11	30,48
CU08	1/2	12,70	10,41	7/8	22,22	11/16	17,46	22,86	21,84	25,90	36,06
CU10	5/8	15,87	12,70	1	25,40	13/16	20,64	24,38	21,84	28,70	38,80
CU12	3/4	19,05	15,74	1.1/8	28,57	15/16	23,81	24,38	21,84	29,71	39,87
CU14	7/8	22,22	18,28	1.1/4	31,75	1.1/16	26,99	25,90	21,84	34,54	44,70
CU16	1	25,40	22,35	1.1/2	38,10	1.3/8	34,93	31,24	26,41	36,83	49,02

Connects Metric Tubes

Codice Part Number	D	d	CH1	CH2	A	B	L1	L2
CU03M	3	2,4	12	12	12,9	15,3	15,7	22,3
CU06M	6	4,8	14	12	15,3	17,7	19,6	27,0
CU08M	8	6,4	17	17	16,2	18,6	21,3	28,8
CU10M	10	7,9	19	22	17,2	19,5	23,9	31,5
CU12M	12	9,5	22	22	22,8	22,0	25,9	36,0
CU16M	16	12,7	27	27	24,4	22,0	28,7	38,8
CU18M	18	15,1	30	27	24,4	22,0	29,7	39,8
CU20M	20	15,9	32	30	26,0	22,0	32,5	42,6
CU25M	25	21,8	38	36	31,3	22,0	36,8	49,1

Adattatore Maschio NPT

NPT Male Adaptor



Connects Fractional Tubes

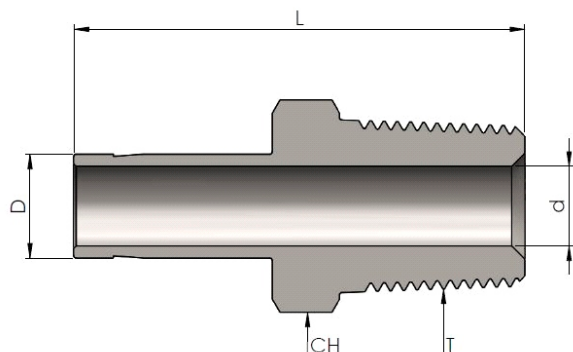
Codice Part Number	D		T (NPT)	d	CH		L
	in	mm			in	mm	
MANPT0202	1/8	3,17	1/8	2,03	7/16	11,11	29,50
MANPT0204	1/8	3,17	1/4	2,03	9/16	14,28	34,80
MANPT0302	3/16	4,76	1/8	3,04	7/16	11,11	30,22
MANPT0304	3/16	4,76	1/4	3,04	9/16	14,28	35,56
MANPT0402	1/4	6,35	1/8	4,32	7/16	11,11	31,80
MANPT0404	1/4	6,35	1/4	4,32	9/16	14,28	37,08
MANPT0406	1/4	6,35	3/8	4,32	11/16	17,46	37,84
MANPT0408	1/4	6,35	1/2	4,32	7/8	22,22	43,43
MANPT0502	5/16	7,93	1/8	4,57	7/16	11,11	32,76
MANPT0504	5/16	7,93	1/4	5,59	9/16	14,28	38,10
MANPT0602	3/8	9,52	1/8	4,83	7/16	11,11	33,50
MANPT0604	3/8	9,52	1/4	6,86	9/16	14,28	38,90
MANPT0606	3/8	9,52	3/8	6,86	11/16	17,46	39,60
MANPT0608	3/8	9,52	1/2	6,86	7/8	22,22	45,20
MANPT0804	1/2	12,70	1/4	7,11	9/16	14,28	44,50
MANPT0806	1/2	12,70	3/8	9,40	11/16	17,46	45,20
MANPT0808	1/2	12,70	1/2	9,40	7/8	22,22	50,50
MANPT1006	5/8	15,87	3/8	9,65	11/16	17,46	47,40
MANPT1008	5/8	15,87	1/2	11,94	7/8	22,22	52,30
MANPT1012	5/8	15,87	3/4	11,94	1.1/16	26,98	52,30
MANPT1208	3/4	19,05	1/2	11,94	7/8	22,22	52,30
MANPT1212	3/4	19,05	3/4	14,73	1.1/16	26,98	52,30
MANPT1216	3/4	19,05	1	14,73	1.3/8	34,92	57,91
MANPT1412	7/8	22,22	3/4	15,75	1.1/16	26,98	54,30
MANPT1612	1	25,4	3/4	15,75	1.1/16	26,98	58,70
MANPT1616	1	25,4	1	20,32	1.3/8	34,91	66,00
MANPT2020	1.1/4	31,75	1.1/4	25,91	1.3/4	44,45	80,26
MANPT2424	1.1/2	38,10	1.1/2	31,75	2.1/8	53,97	94,48
MANPT3232	2	50,80	2	43,69	2.3/4	69,85	119,38

Connects Metric Tubes

Codice Part Number	D	T (NPT)	d	CH	L
MANPT0602M	6	1/8	4,1	12	32,8
MANPT0604M	6	1/4	4,1	14	38,1
MANPT0804M	8	1/4	5,6	14	39,1
MANPT0806M	8	3/8	5,6	19	39,9
MANPT1004M	10	1/4	7,1	14	39,9
MANPT1006M	10	3/8	7,1	17	40,6
MANPT1008M	10	1/2	7,1	22	46,2
MANPT1204M	12	1/4	7,1	17	46,5
MANPT1208M	12	1/2	8,8	22	52,1
MANPT2816M	28	1	22,2	36	74,7
MANPT2820M	28	1.1/4	22,5	46	76,2
MANPT3016M	30	1	22,2	41	79,2
MANPT3020M	30	1.1/4	24,3	46	80,0
MANPT3220M	32	1.1/4	26,5	46	81,0
MANPT3824M	38	1.1/2	31,6	55	92,2

Adattatore Maschio Gas Conico

BSPT Male Adaptor



Connects Fractional Tubes to BSPT

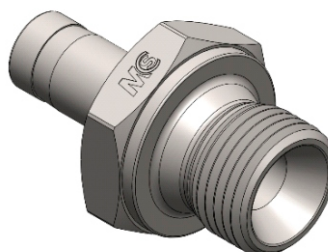
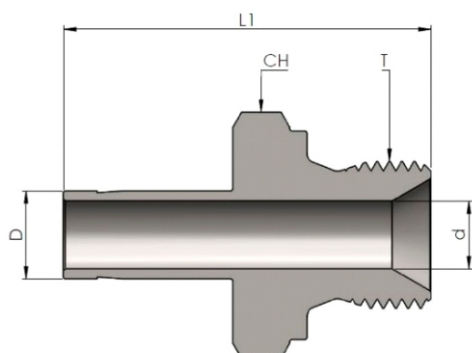
Codice Part Number	D		T (BSPT)	d	CH		L
	in	mm			in	mm	
MABSPT0202	1/8	3,17	1/8	2,03	7/16	11,11	29,46
MABSPT0204	1/8	3,17	1/4	2,03	9/16	14,28	34,79
MABSPT0402	1/4	6,35	1/8	4,31	7/16	11,11	31,75
MABSPT0404	1/4	6,35	1/4	4,31	9/16	14,28	37,08
MABSPT0604	3/8	9,52	1/4	6,86	9/16	14,28	38,86
MABSPT0606	3/8	9,52	3/8	6,86	11/16	17,46	39,62
MABSPT0608	3/8	9,52	1/2	6,86	7/8	22,22	45,21
MABSPT0804	1/2	12,70	1/4	9,39	9/16	14,28	44,45
MABSPT0806	1/2	12,70	3/8	9,39	11/16	17,46	45,21
MABSPT0808	1/2	12,70	1/2	9,39	7/8	22,22	50,80
MABSPT1212	3/4	19,05	3/4	14,73	1.1/16	26,98	52,32
MABSPT1616	1	25,40	1	20,32	1.3/8	34,91	66,04

Connects Metric Tubes to BSPT

Codice Part Number	D	T (BSPT)	d	CH	L
MABSPT0602M	6	1/8	4,1	12	32,80
MABSPT0604M	6	1/4	4,1	14	38,10
MABSPT0804M	8	1/4	5,6	14	39,10
MABSPT1004M	10	1/4	7,1	14	39,90
MABSPT1006M	10	3/8	7,1	19	40,60
MABSPT1204M	12	1/4	7,1	17	46,50
MABSPT1206M	12	3/8	8,8	19	46,20
MABSPT1208M	12	1/2	8,8	22	51,80
MABSPT2816M	28	1	22,22	36	74,70
MABSPT2820M	28	1.1/4	22,5	46	76,20
MABSPT3020M	30	1.1/4	24,3	46	80,00
MABSPT3220M	32	1.1/4	26,5	46	81,00
MABSPT3824M	38	1.1/2	31,6	55	92,20

Adattatore Maschio BSP

BSP Male Adaptor



Connects Fractional Tubes to BSP

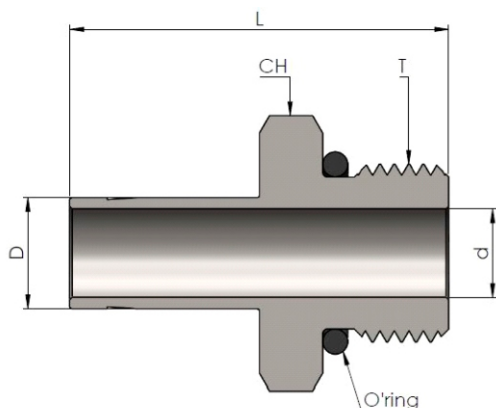
Codice Part Number	D		T (BSP)	d	CH		L
	in	mm			in	mm	
MABSP0202	1/8	3,17	1/8	2,03	9/16	14,28	30,99
MABSP0204	1/8	3,17	1/4	2,03	3/4	19,05	35,81
MABSP0402	1/4	6,35	1/8	4,06	9/16	14,28	33,27
MABSP0404	1/4	6,35	1/4	4,32	3/4	19,05	38,10
MABSP0604	3/8	9,52	1/4	5,84	3/4	19,05	39,88
MABSP0606	3/8	9,52	3/8	6,86	7/8	22,22	40,64
MABSP0804	1/2	12,70	1/4	5,84	3/4	19,05	45,47
MABSP0806	1/2	12,70	3/8	7,88	7/8	22,22	46,23
MABSP0808	1/2	12,70	1/2	9,40	1.1/16	26,98	49,28
MABSP1212	3/4	19,05	3/4	14,73	1.5/16	33,33	54,88
MABSP1616	1	25,40	1	20,32	1.5/8	41,27	64,52

Connects Metric Tubes to BSP

Codice Part Number	D	T (BSP)	d	CH	L
MABSP0602M	6	1/8	4,0	14	34,3
MABSP0604M	6	1/4	4,1	19	39,1
MABSP0804M	8	1/4	5,6	19	40,1
MABSP1004M	10	1/4	5,9	19	40,9
MABSP1006M	10	3/8	7,1	22	41,7
MABSP1008M	10	1/2	7,1	27	44,7
MABSP1204M	12	1/4	5,9	19	46,7
MABSP1206M	12	3/8	7,9	22	47,2
MABSP1208M	12	1/2	8,8	27	50,5
MABSP1808M	18	1/2	11,9	27	52,1
MABSP1812M	18	3/4	13,9	36	56,1
MABSP2816M	28	1	19,8	42	72,9
MABSP2820M	28	1.1/4	22,5	50	77,0
MABSP3020M	30	1.1/4	24,3	50	80,8
MABSP3220M	32	1.1/4	26,5	50	81,8
MABSP3824M	38	1.1/2	31,6	55	94,5

Adattatore Maschio SAE con O'ring

SAE Male Adaptor with o'ring seal

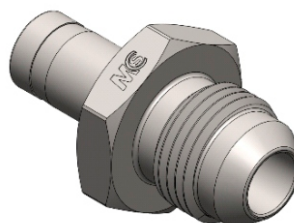
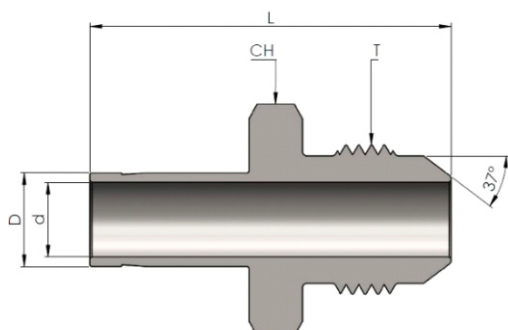


Connects Fractional Tubes to SAE

Codice Part Number	D		T (U)	d	CH		L
	in	mm			in	mm	
MASAE0202	1/8	3,17	5/16-24	2,03	7/16	11,11	30,48
MASAE0404	1/4	6,35	7/16-20	4,32	9/16	14,28	35,31
MASAE0604	3/8	9,52	7/16-20	5,08	9/16	14,28	37,08
MASAE0606	3/8	9,52	9/16-18	6,86	11/16	17,46	38,61
MASAE0608	3/8	9,52	3/4-16	6,86	7/8	22,22	40,64
MASAE0806	1/2	12,70	9/16-18	7,11	11/16	17,46	44,19
MASAE0808	1/2	12,70	3/4-16	9,40	7/8	22,22	46,23
MASAE1010	5/8	15,87	7/8-14	11,94	1	25,40	49,27
MASAE1212	3/4	19,05	1.1/16-12	14,73	1.1/4	31,75	53,34
MASAE1616	1	25,40	1.5/16-12	20,32	1.1/2	38,10	61,21
MASAE2020	1.1/4	31,75	1.5/8-12	25,91	1.7/8	47,62	71,37
MASAE2424	1.1/2	38,10	1.7/8-12	31,75	2.1/8	53,97	83,31
MASAE3232	2	50,80	2.1/2-12	43,69	2.3/4	69,85	107,44

Adattatore Maschio JIC 37°

37° JIC Male Adaptor

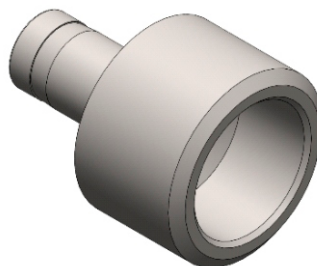
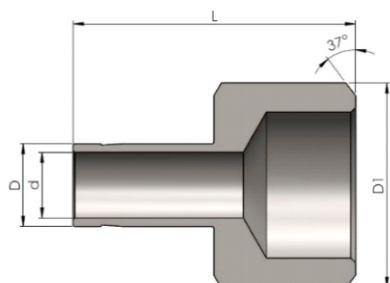


Connects Fractional Tubes to JIC

Codice Part Number	D		T (U)	d	CH		L
	in	mm			in	mm	
MAJIC0404	1/4	6,35	7/16-20	4,32	9/16	14,28	37,08
MAJIC0604	3/8	9,52	7/16-20	4,32	9/16	14,28	38,86
MAJIC0606	3/8	9,52	9/16-18	6,86	5/8	15,87	39,62
MAJIC0808	1/2	12,70	3/4-16	9,40	13/16	20,63	48,51
MAJIC1212	3/4	19,05	1.1/16-12	14,73	1.1/8	28,53	56,13
MAJIC1616	1	25,40	1.5/16-12	20,32	1.3/8	34,92	65,53

Adattatore con Tasca a Saldare

Socked Weld Adaptor

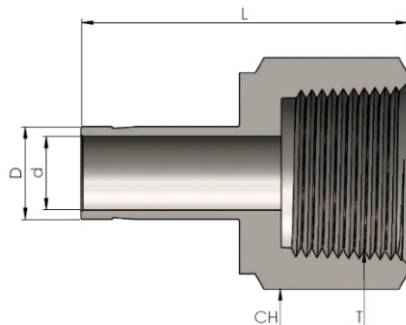


Connects Fractional Tubes

Codice Part Number	D		D1		d	L
	in	mm	in	mm		
WA0404	1/4	6,35	1/4	13,70	4,32	28,96
WA0608	3/8	9,52	1/2	21,30	6,86	37,08
WA0808	1/2	12,70	1/2	21,30	9,40	42,16
WA0812	1/2	12,70	3/4	26,67	9,40	42,67
WA1212	3/4	19,05	3/4	26,67	14,73	47,50

Adattatore Femmina NPT

NPT Female Adaptor



Connects Fractional Tubes

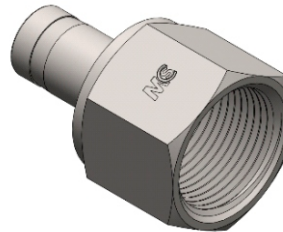
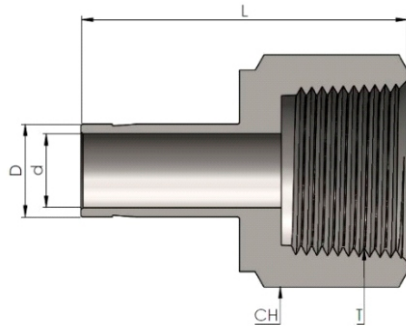
Codice Part Number	D		T (NPT)	d	CH		L
	in	mm			in	mm	
FFANPT0202	1/8	3,17	1/8	2,03	9/16	14,28	31,50
FFANPT0204	1/8	3,17	1/4	2,03	3/4	19,05	35,30
FFANPT0302	3/16	4,76	1/8	3,04	9/16	14,28	32,00
FFANPT0304	3/16	4,76	1/4	3,04	3/4	19,05	35,81
FFANPT0402	1/4	6,35	1/8	4,32	9/16	14,28	33,02
FFANPT0404	1/4	6,35	1/4	4,32	3/4	19,05	37,10
FFANPT0406	1/4	6,35	3/8	4,32	7/8	22,22	39,37
FFANPT0408	1/4	6,35	1/2	4,32	1.1/16	26,98	45,50
FFANPT0502	5/16	7,93	1/8	5,59	9/16	14,28	34,29
FFANPT0504	5/16	7,93	1/4	5,59	3/4	19,05	37,59
FFANPT0602	3/8	9,52	1/8	6,86	9/16	14,28	34,29
FFANPT0604	3/8	9,52	1/4	6,86	3/4	19,05	37,59
FFANPT0606	3/8	9,52	3/8	6,86	7/8	22,22	40,38
FFANPT0608	3/8	9,52	1/2	6,86	1.1/16	26,98	46,73
FFANPT0804	1/2	12,70	1/4	9,40	3/4	19,05	43,43
FFANPT0806	1/2	12,70	3/8	9,40	7/8	22,22	45,46
FFANPT0808	1/2	12,70	1/2	9,40	1.1/16	26,98	51,80
FFANPT1006	5/8	15,87	3/8	11,94	7/8	22,22	48,26
FFANPT1008	5/8	15,87	1/2	11,94	1.1/16	26,98	53,84
FFANPT1012	5/8	15,87	3/4	11,94	1.5/16	33,33	55,37
FFANPT1208	3/4	19,05	1/2	14,73	1.1/16	26,98	52,83
FFANPT1212	3/4	19,05	3/4	14,73	1.5/16	33,33	54,86
FFANPT1216	3/4	19,05	1	14,73	1.5/8	41,27	58,42
FFANPT1412	7/8	22,22	3/4	15,75	1.5/16	33,33	57,16
FFANPT1612	1	25,40	3/4	20,32	1.5/16	33,33	60,70
FFANPT1616	1	25,40	1	20,32	1.5/8	41,27	64,26
FFANPT2020	1.1/4	31,75	1.1/4	25,91	2.1/8	53,97	77,72
FFANPT2424	1.1/2	38,10	1.1/2	31,75	2.3/8	60,32	88,90
FFANPT3232	2	50,80	2	43,69	2.7/8	70,02	107,44

Connects Metric Tubes

Codice Part Number	D	T (R)	d	CH	L
FFANPT0302M	3	1/8	1,9	14	31,15
FFANPT0602M	6	1/8	4,1	14	32,50
FFANPT0604M	6	1/4	4,1	19	37,10
FFANPT0804M	8	1/4	5,6	19	37,60
FFANPT1004M	10	1/4	7,1	19	38,10
FFANPT1006M	10	3/8	7,1	22	40,10
FFANPT1008M	10	1/2	7,1	27	46,50
FFANPT1204M	12	1/4	8,8	19	43,70
FFANPT1206M	12	3/8	8,8	22	46,00
FFANPT1208M	12	1/2	8,8	27	52,30
FFANPT1812M	18	3/4	13,9	36	54,80

Adattatore Femmina Gas Conico

BSPT Female Adaptor



Connects Fractional Tubes

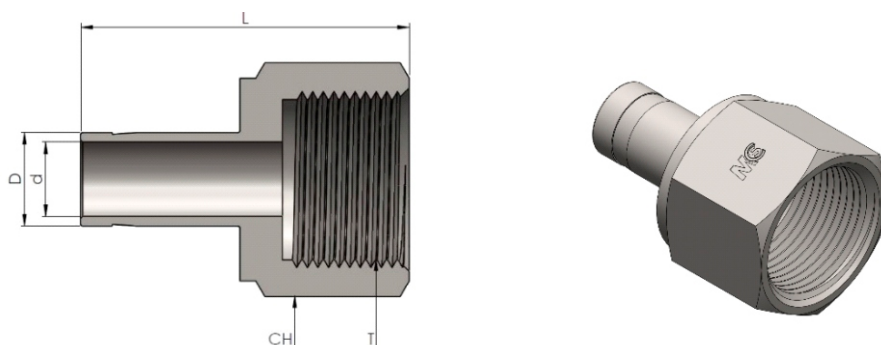
Codice Part Number	D		T (NPT)	d	CH		L
	in	mm			in	mm	
FFABSPT0202	1/8	3,17	1/8	2,03	9/16	14,28	31,50
FFABSPT0204	1/8	3,17	1/4	2,03	3/4	19,05	35,30
FFABSPT0302	3/16	4,76	1/8	3,04	9/16	14,28	32,00
FFABSPT0304	3/16	4,76	1/4	3,04	3/4	19,05	35,81
FFABSPT0402	1/4	6,35	1/8	4,32	9/16	14,28	33,02
FFABSPT0404	1/4	6,35	1/4	4,32	3/4	19,05	37,10
FFABSPT0406	1/4	6,35	3/8	4,32	7/8	22,22	39,37
FFABSPT0408	1/4	6,35	1/2	4,32	1.1/16	26,98	45,50
FFABSPT0502	5/16	7,93	1/8	5,59	9/16	14,28	34,29
FFABSPT0504	5/16	7,93	1/4	5,59	3/4	19,05	37,59
FFABSPT0602	3/8	9,52	1/8	6,86	9/16	14,28	34,29
FFABSPT0604	3/8	9,52	1/4	6,86	3/4	19,05	37,59
FFABSPT0606	3/8	9,52	3/8	6,86	7/8	22,22	40,38
FFABSPT0608	3/8	9,52	1/2	6,86	1.1/16	26,98	46,73
FFABSPT0804	1/2	12,70	1/4	9,40	3/4	19,05	43,43
FFABSPT0806	1/2	12,70	3/8	9,40	7/8	22,22	45,46
FFABSPT0808	1/2	12,70	1/2	9,40	1.1/16	26,98	51,80
FFABSPT1006	5/8	15,87	3/8	11,94	7/8	22,22	48,26
FFABSPT1008	5/8	15,87	1/2	11,94	1.1/16	26,98	53,84
FFABSPT1012	5/8	15,87	3/4	11,94	1.5/16	33,33	55,37
FFABSPT1208	3/4	19,05	1/2	14,73	1.1/16	26,98	52,83
FFABSPT1212	3/4	19,05	3/4	14,73	1.5/16	33,33	54,86
FFABSPT1216	3/4	19,05	1	14,73	1.5/8	41,27	58,42
FFABSPT1412	7/8	22,22	3/4	15,75	1.5/16	33,33	57,16
FFABSPT1612	1	25,40	3/4	20,32	1.5/16	33,33	60,70
FFABSPT1616	1	25,40	1	20,32	1.5/8	41,27	64,26
FFABSPT2020	1.1/4	31,75	1.1/4	25,91	2.1/8	53,97	77,72
FFABSPT2424	1.1/2	38,10	1.1/2	31,75	2.3/8	60,32	88,90
FFABSPT3232	2	50,80	2	43,69	2.7/8	70,02	107,44

Connects Metric Tubes

Codice Part Number	D	T (R)	d	CH	L
FFABSPT0302M	3	1/8	1,9	14	31,15
FFABSPT0602M	6	1/8	4,1	14	32,50
FFABSPT0604M	6	1/4	4,1	19	37,10
FFABSPT0804M	8	1/4	5,6	19	37,60
FFABSPT1004M	10	1/4	7,1	19	38,10
FFABSPT1006M	10	3/8	7,1	22	40,10
FFABSPT1008M	10	1/2	7,1	27	46,50
FFABSPT1204M	12	1/4	8,8	19	43,70
FFABSPT1206M	12	3/8	8,8	22	46,00
FFABSPT1208M	12	1/2	8,8	27	52,30
FFABSPT1812M	18	3/4	13,9	36	54,80

Adattatore Femmina BSP

BSP Female Adapter



Connects Fractional Tubes

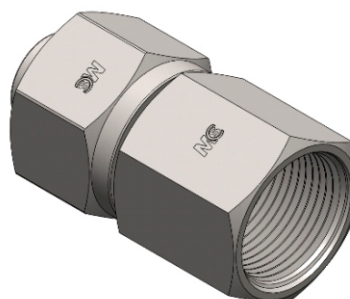
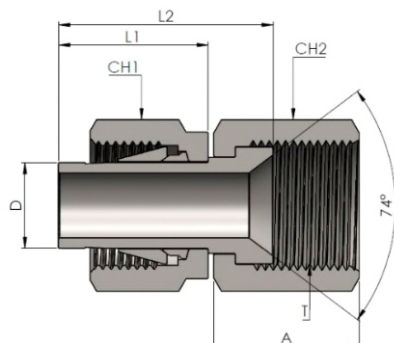
Codice Part Number	D		T (BSP)	d	CH		L
	in	mm			in	mm	
FFABSP0202	1/8	3,17	1/8	2,03	9/16	14,28	29,72
FFABSP0402	1/4	6,35	1/8	4,32	9/16	14,28	31,75
FFABSP0404	1/4	6,35	1/4	4,32	3/4	19,05	38,10
FFABSP0604	3/8	9,52	1/4	6,86	3/4	19,05	39,37
FFABSP0606	3/8	9,52	3/8	6,86	15/16	23,81	39,87
FFABSP0806	1/2	12,70	3/8	9,65	15/16	23,81	45,21
FFABSP0808	1/2	12,70	1/2	9,65	1.1/16	26,98	51,31

Connects Metric Tubes

Codice Part Number	D	T (BSP)	d	CH	L
FFABSP0602M	6	1/8	4,1	14	32,0
FFABSP0604M	6	1/4	4,1	19	37,8
FFABSP1208M	12	1/2	8,8	27	49,8

Adattatore Femmina JIC

JIC Female Adaptor

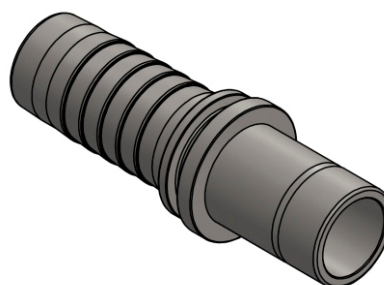
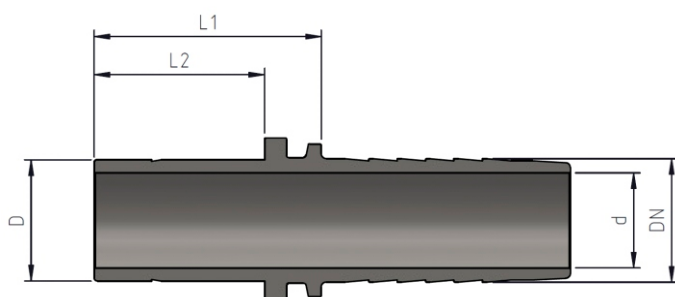


Connects Fractional Tubes

Codice Part Number	D		T (U)	CH1		CH2		L1	L2
	in	mm		in	mm	in	mm		
SFJIC0202	1/8	3,17	5/16-24	7/16	11,11	3/8	9,52	13,46	18,54
SFJIC0204	1/8	3,17	7/16-20	7/16	11,11	9/16	14,28	13,46	19,05
SFJIC0404	1/4	6,35	7/16-20	9/16	14,28	9/16	14,28	15,74	21,33
SFJIC0606	3/8	9,52	9/16-20	11/16	17,46	11/16	17,46	17,52	24,89
SFJIC0808	1/2	12,70	3/4-16	7/8	22,22	7/8	22,22	23,11	31,75

Femmina tubolare con scanalatura

Standpipe with groove



Connects Fractional Tubes

Codice Part Number	D	DN	L1	L2	d
IS0404WG	1/4"	1/4"	29,5	23,0	4,0
IS0604WG	3/8"	1/4"	31,5	25,0	4,0
IS0606WG	3/8"	3/8"	32,0	25,0	7,0
IS0805WG	1/2"	5/16"	32,0	25,0	5,5
IS0808WG	1/2"	1/2"	33,0	25,0	9,5
IS1008WG	5/8"	1/2"	33,0	25,0	9,5
IS1212WG	3/4"	3/4"	36,0	27,0	15,0
IS1616WG	1"	1"	40,0	30,0	20,0

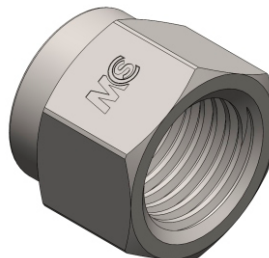
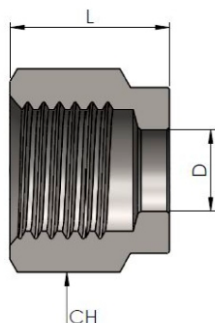
Connects Metric Tubes

Codice Part Number	D	DN	L1	L2	d
SLH0604WG	6,0	1/4"	29,5	23,0	4,0
SLH0804WG	8,0	1/4"	39,5	23,0	4,0
SLH1004WG	10,0	1/4"	31,5	25,0	4,0
SLH1006WG	10,0	3/8"	32,0	25,0	7,0
SLH1205WG	12,0	5/16"	35,0	28,0	5,5
SLH1206WG	12,0	3/8"	35,0	28,0	7,0
SLH1608WG	16,0	1/2"	38,0	30,0	9,5
SLH1610WG	16,0	5/8"	39,5	30,0	12,0
SLH1810WG	18,0	5/8"	39,5	30,0	12,0

Dado

Nut

with Silver Plated treatment



Fractional

Codice Part Number	D		CH		L
	in	mm	in	mm	
NUT01	1/16	1,58	5/16	7,94	7,90
NUT02	1/8	3,17	7/16	11,11	11,93
NUT03	3/16	4,76	1/2	12,70	11,93
NUT04	1/4	6,35	9/16	14,28	12,70
NUT05	5/16	7,93	5/8	15,87	13,46
NUT06	3/8	9,52	11/16	17,46	14,22
NUT08	1/2	12,70	7/8	22,22	17,52
NUT10	5/8	15,87	1	25,40	17,52
NUT12	3/4	19,05	1.1/8	28,57	17,52
NUT14	7/8	22,22	1.1/4	31,75	17,52
NUT16	1	25,40	1.1/2	38,10	20,57
NUT20	1.1/4	31,75	1.7/8	47,62	31,75
NUT24	1.1/2	38,10	2.1/4	57,15	38,10
NUT32	2	50,80	3	76,20	52,32

Metric

Codice Part Number	D	CH	L
NUT02M	2	11	11,9
NUT03M	3	11	11,9
NUT04M	4	12	11,9
NUT06M	6	14	12,7
NUT08M	8	16	13,5
NUT10M	10	19	15,1
NUT12M	12	22	17,4
NUT15M	15	25	17,4
NUT16M	16	25	17,4
NUT18M	18	30	17,4
NUT20M	20	32	17,4
NUT22M	22	32	17,4
NUT25M	25	38	20,6
NUT28M	28	46	30,6
NUT32M	32	50	34,4
NUT38M	38	60	40,6
NUT42M	42	65	44,7

Set Ogive Ferrule Set

Front Ferrule



Back Ferrule



Fractional

Codice Part Number	D	
	in	mm
SET201	1/16	1,58
SET202	1/8	3,17
SET203	3/16	4,76
SET204	1/4	6,35
SET205	5/16	7,93
SET206	3/8	9,52
SET208	1/2	12,70
SET210	5/8	15,87
SET212	3/4	19,05
SET214	7/8	22,22
SET216	1	25,40

Metric

Codice Part Number	D
SET202M	2
SET203M	3
SET204M	4
SET206M	6
SET208M	8
SET210M	10
SET212M	12
SET214M	14
SET215M	15
SET216M	16
SET218M	18
SET220M	20
SET222M	22
SET225M	25

Calibri*Gauges*

Codice Part Number	Fitting Size	
	in	mm
GAUGE1	1/8	2,3
GAUGE2	3/16	4
GAUGE3	1/4, 3/8, 1/2	6, 12
GAUGE4	1/4, 1/2	6, 8, 10, 12
GAUGE5	5/8	14, 15, 16
GAUGE6	3/4	18
GAUGE7	7/8	20, 22
GAUGE8	1	25