UHP Fittings (Clean Fittings)

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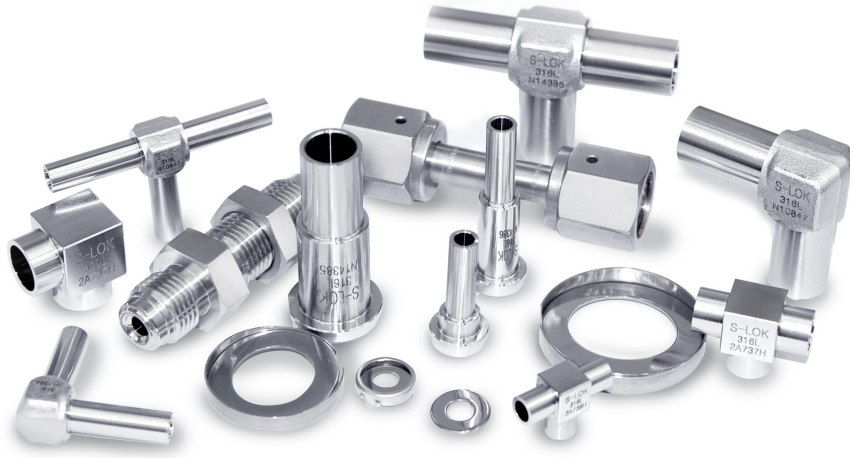


06

Catalogue No. S-LOK Jan.2023

Micro Weld Fittings

Micro Elbow 202
Micro Reducing Elbow
Micro 45° Elbow

Micro Tee 203
Micro Reducing Tee

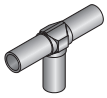
Micro Cross 204

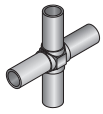
Micro Tribow 204

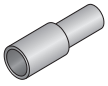
Micro Reducing Union 204

Tube Butt Weld Fittings

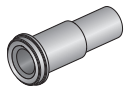
Long Elbow 206
Long Reducing Elbow

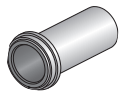

Long Tee 207
Long Reducing Tee 208


Long Cross 209


Long Reducing Union 210

Metal Face Seal Fittings


Micro Gland 212
Long Gland 213
ATW Long Gland 214


Socket Weld Gland 215
Male Weld Gland 215
Tube Adapter Gland 216
Blind Gland 216

Union 217
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Male Connector 217
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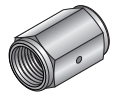
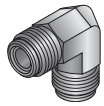
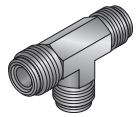
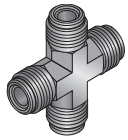
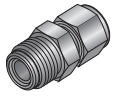
Tube Butt Bulkhead Connector 218

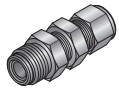

Coupling 218

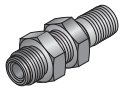

Union Elbow 219
Male Elbow 219

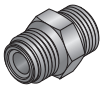

Union Tee 219


Union Cross 219

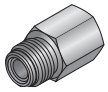

S-LOK Tube Fitting Connector 220


S-LOK Tube Fitting Bulkhead Connector 220


Male Bulkhead Connector 220



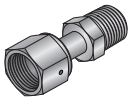
Male Connector (Straight Thread) 221



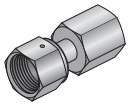
Female Connector 221

Gasket, Nut, Cap, Plug 221 222 223

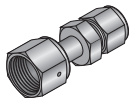
High Flow Gland
High Flow Nut 223



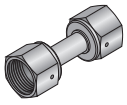
Welded Male Connector 223



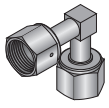
Welded Female Connector 223



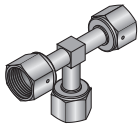
Welded S-LOK Tube Fitting Connector 224



Close Coupling 224



Welded Elbow Female Union 224



Welded Tee Female Union 224

Technical Data

Pressure Ratings

- Pressure ratings are based on allowable stress value of 20,000psi as specified in ASME B31.3 for 316 stainless steel.
- Pressure ratings of Metal Face Seal Fittings determined at room temperature with gasket materials shown.
- For pressure ratings of ASME B31.1, multiply working pressure by 0.94.
- Allowable working pressure at temperatures greater than 100°C (37°C) may be determined by multiple factors in the table below.

Material	SS316	SS316L
Temperature, ℉ (℃)	Factor	
-20 (28) to 100 (37)	1.00	1.00
200 (93)	1.00	0.83
400 (204)	0.96	0.77
600 (315)	0.85	0.67
800 (426)	0.79	0.62
1000 (537)	0.76	0.56

Cleaning and Packaging

- Passivation in a nitric environment
- Ultra-sonic cleaning with minimum 18M of D.I water after passivation.
- All fittings are double packaged in the clean room.
- Sealing parts are protected with a plastic cap.

Temperature Ratings

Components	Material	Temperature ℉ (℃)
Fittings	316 Stainless Steel & 316L Stainless Steel	1000 (537)
	316L Stainless Steel Single Melt	
	316L Stainless Steel Double Melt	
Gaskets	316L Stainless Steel	1000 (537)
	Nickel	600 (315)

Materials

Material	Designator	Specifications
316 Stainless Steel	S6	Bar Stock : ASTM A479 ASTM A276 Forging : ASTM A182
316L Stainless Steel	S6L	
316L Stainless Steel Single Melt (VOD)	S6LS	Bar Stock : ASTM A479 ASTM A276 Forging : ASTM A182 SEMI SPEC. F20-0706E JIS SPEC. Chemical Composition
316L Stainless Steel Double Melt (VAR)	S6LV	
316L Stainless Steel Double Melt (VIM/VAR)	S6LVV	

Product Grade

Level	Inner Surface Roughness	
	Ra	Ry
EP	≤ 5 μ inch	≤ 0.7 μm
BA	≤ 10 μ inch	≤ 3.0 μm
AP	≤ 100 μ inch	≤ 25 μm

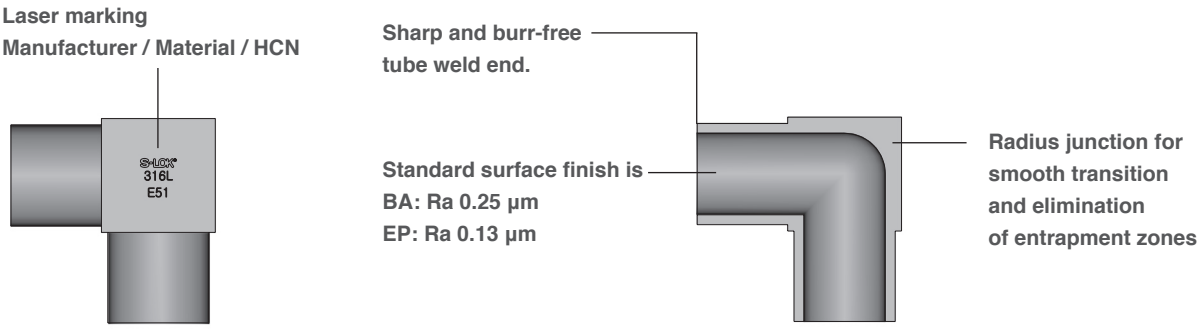
Chemical Composition

Element	Composition, Wt%									
	C	Si	Mn	P	S	Ni	Cr	Mo	Cu	Al
SS316L Singe Melt	≤ 0.03	≤ 1.0	≤ 0.8	≤ 0.045	≤ 0.005	12.0~15.0	16.0~18.0	2.0~3.0	≤ 0.3	-
SS316L Double Melt	≤ 0.025	≤ 0.3	≤ 0.4	≤ 0.045	≤ 0.005	14.5~15.0	16.0~17.0	2.2~2.5	≤ 0.03	≤ 0.01
SS316L VIM/VAR	≤ 0.01	≤ 0.2	≤ 0.05	≤ 0.02	≤ 0.003	14.5~15.0	16.5~17.0	2.2~2.5	≤ 0.2	≤ 0.01

Micro Weld Fittings

Features

- Compact design for mainly gas line
- Suitable for miniature tubing system
- Allows close component spacing
- Provides flow capacity equal to larger weld fittings

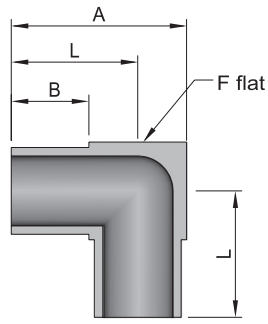


Ordering Information

C	-	ML	-	8	-	EP	-	S6LS
Clean Fitting		Product Type		Connection Size		Product Grade		Material

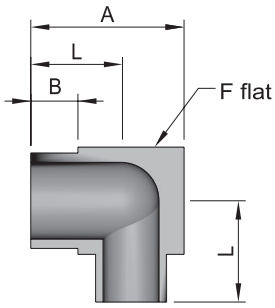
Clean Fitting	Product Type	Connection Size	Product Grade	Body Material
- **C** : S-LOK UHP Product	Refer to the basic ordering number in the dimension table.	- **4** : 1/4” - **6** : 3/8” - **8** : 1/2” - **12** : 3/4”	- **BA** : BA - **EP** : EP	- **S6LS** : SS316L Single Melt - **S6LV** : SS316L Double Melt

Micro Elbow



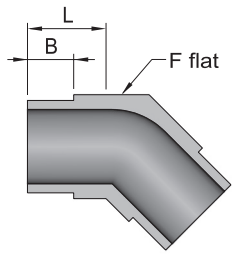
Basic Ordering Number	Tube O.D	Wall THK.	Dimensions, mm (inch)				Pressure Rating bar (psig)
			A	B	L	F	
C-ML-4	1/4"	1mm	14.4 (0.56)	6.4 (0.25)	10.4 (0.41)	7.94 (5/16)	351 (5100)
C-ML-4T35		0.035"					
C-ML-6	3/8"	1mm	17.4 (0.69)	6.4 (0.25)	11.9 (0.47)	11.11 (7/16)	227 (3300)
C-ML-6T35		0.035"					
C-ML-8	1/2"	0.049"	20.6 (0.81)	6.4 (0.25)	13.5 (0.53)	14.28 (9/16)	254 (3700)
C-ML-12	3/4"	0.065"	27.0 (1.06)	6.4 (0.25)	16.7 (0.66)	20.64 (13/16)	165 (2400)

Micro Reducing Elbow



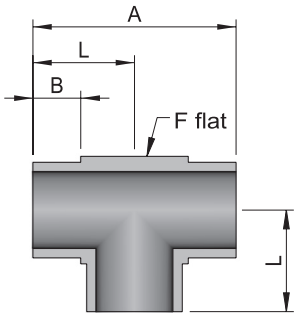
Basic Ordering Number	Tube O.D 1 x Wall THK.	Tube O.D 2 x Wall THK.	Dimensions, mm (inch)				Pressure Rating bar (psig)
			A	B	L	F	
C-MRL-6-4	3/8" x 1mm	1/4" x 1mm	17.4 (0.69)	6.4 (0.25)	11.9 (0.47)	11.11 (7/16)	227 (3300)
C-MRL-6-4-035	3/8" x 0.035"	1/4" x 0.035"					
C-MRL-8-4	1/2" x 0.049"	1/4" x 1mm	20.6 (0.81)	6.4 (0.25)	13.5 (0.53)	14.28 (9/16)	254 (3700)
C-MRL-8-4T35		1/4" x 0.035"					
C-MRL-8-6	1/2" x 0.049"	3/8" x 1mm	20.6 (0.81)	6.4 (0.25)	13.5 (0.53)	14.28 (9/16)	227 (3300)
C-MRL-8-6T35		3/8" x 0.035"					
C-MRL-12-4	3/4" x 0.065"	1/4" x 1mm	27.0 (1.06)	6.4 (0.25)	16.7 (0.66)	20.64 (13/16)	165 (2400)
C-MRL-12-6		3/8" x 1mm					
C-MRL-12-8		1/2" x 0.049"					

Micro 45° Elbow



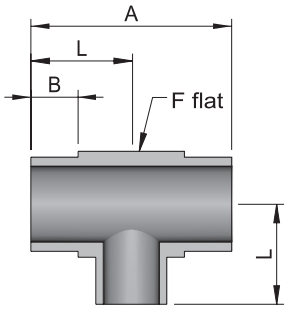
Basic Ordering Number	Tube O.D	Wall THK.	Dimensions, mm (inch)			Pressure Rating bar (psig)
			B	L	F	
C-MLB-4	1/4"	1mm	6.4 (0.25)	10.4 (0.41)	7.94 (5/16)	351 (5100)
C-MLB-4T35		0.035"				
C-MLB-6	3/8"	1mm	6.4 (0.25)	11.9 (0.47)	11.11 (7/16)	227 (3300)
C-MLB-6T35		0.035"				
C-MLB-8	1/2"	0.049"	6.4 (0.25)	13.5 (0.53)	14.28 (9/16)	254 (3700)

Micro Tee



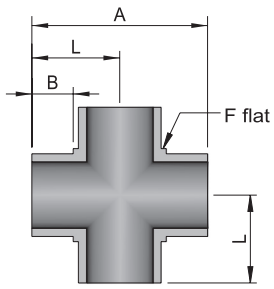
Basic Ordering Number	Tube O.D	Wall THK.	Dimensions, mm (inch)				Pressure Rating bar (psig)
			A	B	L	F	
C-MT-4	1/4"	1mm	20.8 (0.82)	6.4 (0.25)	10.4 (0.41)	7.94 (5/16)	351 (5100)
C-MT-4T35		0.035"					
C-MT-6	3/8"	1mm	23.8 (0.94)	6.4 (0.25)	11.9 (0.47)	11.11 (7/16)	227 (3300)
C-MT-6T35		0.035"					
C-MT-8	1/2"	0.049"	27.0 (1.06)	6.4 (0.25)	13.5 (0.53)	14.28 (9/16)	254 (3700)
C-MT-12	3/4"	0.065"	33.4 (1.31)	6.4 (0.25)	16.7 (0.66)	20.64 (13/16)	165 (2400)

Micro Reducing Tee



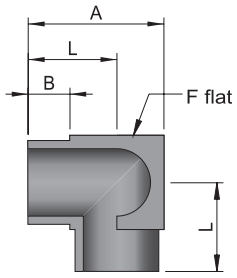
Basic Ordering Number	Tube O.D 1 x Wall THK.	Tube O.D 2 x Wall THK.	Dimensions, mm (inch)				Pressure Rating bar (psig)
			A	B	L	F	
C-MRT-6-4	3/8" x 1mm	1/4" x 1mm	23.8 (0.94)	6.4 (0.25)	11.9 (0.47)	11.11 (7/16)	227 (3300)
C-MRT-6-4-035	3/8" x 0.035"	1/4" x 0.035"					
C-MRT-8-4	1/2" x 0.049"	1/4" x 1mm	27.0 (1.06)	6.4 (0.25)	13.5 (0.53)	14.28 (9/16)	254 (3700)
C-MRT-8-4T35		1/4" x 0.035"					
C-MRT-8-6	1/2" x 0.049"	3/8" x 1mm	27.0 (1.06)	6.4 (0.25)	13.5 (0.53)	14.28 (9/16)	227 (3300)
C-MRT-8-6T35		3/8" x 0.035"					
C-MRT-12-4	3/4" x 0.065"	1/4" x 1mm	33.4 (1.31)	6.4 (0.25)	16.7 (0.66)	20.64 (13/16)	165 (2400)
C-MRT-12-6		3/8" x 1mm					
C-MRT-12-8		1/2" x 0.049"					

Micro Cross



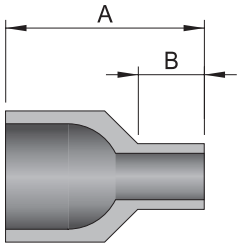
Basic Ordering Number	Tube O.D	Wall THK.	Dimensions, mm (inch)				Pressure Rating bar (psig)
			A	B	L	F	
C-MX-4	1/4"	1mm	20.8 (0.82)	6.4 (0.25)	10.4 (0.41)	7.94 (5/16)	351 (5100)
C-MX-4T35		0.035"					
C-MX-6	3/8"	1mm	23.8 (0.94)	6.4 (0.25)	11.9 (0.47)	11.11 (7/16)	227 (3300)
C-MX-6T35		0.035"					
C-MX-8	1/2"	0.049"	27.0 (1.06)	6.4 (0.25)	13.5 (0.53)	14.28 (9/16)	254 (3700)

Micro Tribow



Basic Ordering Number	Tube O.D	Wall THK.	Dimensions, mm (inch)				Pressure Rating bar (psig)
			A	B	L	F	
C-MTB-4	1/4"	1mm	14.4 (0.56)	6.4 (0.25)	10.4 (0.41)	7.94 (5/16)	351 (5100)
C-MTB-4T35		0.035"					
C-MTB-6	3/8"	1mm	17.4 (0.69)	6.4 (0.25)	11.9 (0.47)	11.11 (7/16)	227 (3300)
C-MTB-6T35		0.035"					
C-MTB-8	1/2"	0.049"	20.6 (0.81)	6.4 (0.25)	13.5 (0.53)	14.28 (9/16)	254 (3700)

Micro Reducing Union



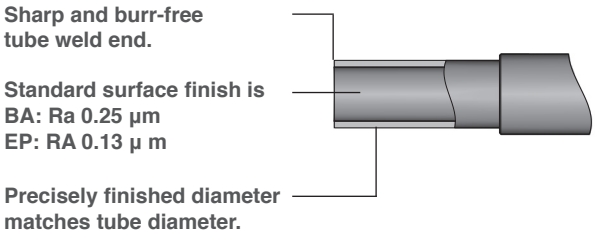
Basic Ordering Number	Tube O.D 1 x Wall THK.	Tube O.D 2 x Wall THK.	Dimensions, mm (inch)		Pressure Rating bar (psig)
			A	B	
C-MRU-6-4	3/8" x 1mm	1/4" x 1mm	19.1(0.75)	6.4 (0.25)	227 (3300)
C-MRU-6-4-035	3/8" x 0.035"	1/4" x 0.035"			
C-MRU-8-4	1/2" x 0.049"	1/4" x 1mm	19.1 (0.75)	6.4 (0.25)	254 (3700)
C-MRU-8-4T35		1/4" x 0.035"			
C-MRU-8-6	1/2" x 0.049"	3/8" x 1mm	19.1 (0.75)	6.4 (0.25)	227 (3300)
C-MRU-8-6T35		3/8" x 0.035"			
C-MRU-12-4	3/4" x 0.065"	1/4" x 1mm	19.1 (0.75)	6.4 (0.25)	165 (2400)
C-MRU-12-6		3/8" x 1mm			
C-MRU-12-8		1/2" x 0.049"			

Tube Butt Weld Fittings

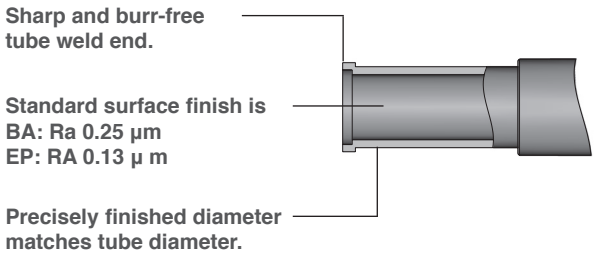
Features

- Square, sharp, burr-free tube weld ends
- Laser marking – Manufacturer, Material, HCN
- Machined for optimal tube butt welding suitable automatic TIG welder.

Tube Butt Weld Fitting



Automatic Tube Butt Weld Fitting

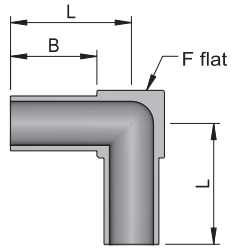


Ordering Information

C	-	LL	-	8	-	EP	-	S6LS
Clean Fitting		Product Type		Connection Size		Product Grade		Material

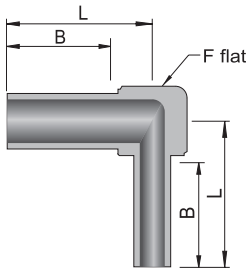
Clean Fitting	Product Type	Connection Size	Product Grade	Body Material
- **C** : S-LOK UHP Product	Refer to the basic ordering number in the dimension table.	- **4** : 1/4” - **6** : 3/8” - **8** : 1/2” - **12** : 3/4” - **16** : 1”	- **BA** : BA - **EP** : EP	- **S6LS** : SS316L Single Melt - **S6LV** : SS316L Double Melt

Long Elbow



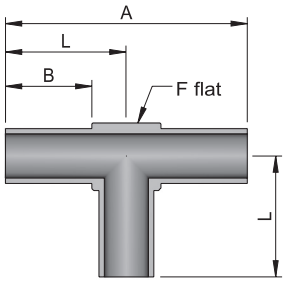
Basic Ordering Number	Tube O.D	Wall THK.	Dimensions, mm (inch)			Pressure Rating bar (psig)
			B	L	F	
C-LL-4	1/4"	1mm	19.1 (0.75)	25.0 (0.98)	11.1 (0.44)	351 (5100)
C-LL-4T35		0.035"				
C-LL-4-L10		1mm	10.0 (0.39)	15.9 (0.63)		
C-LL-6	3/8"	1mm	19.1 (0.75)	25.0 (0.98)	11.1 (0.44)	227 (3300)
C-LL-6T35		0.035"				
C-LL-6-L10		1mm	10.0 (0.39)	15.9 (0.63)		
C-LL-8	1/2"	0.049"	19.1 (0.75)	29.0 (1.14)	17.0 (0.67)	254 (3700)
C-LL-8-L10			10.0 (0.39)	19.9 (0.78)		
C-LL-12	3/4"	0.065"	22.5 (0.89)	33.5 (1.32)	25.0 (0.98)	165 (2400)
C-LL-12T49		0.049"				
C-LL-12-L10		0.065"	10.0 (0.39)	22.4 (0.88)		
C-LL-16	1"	0.065"	23.3 (0.92)	38.3 (1.51)	30.0 (1.18)	165 (2400)

Long Reducing Elbow



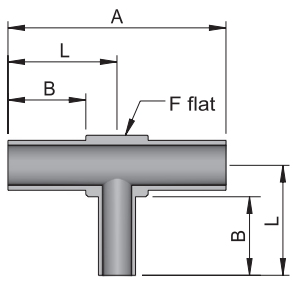
Basic Ordering Number	Tube O.D 1 x Wall THK.	Tube O.D 2 x Wall THK.	Dimensions, mm (inch)			Pressure Rating bar (psig)
			B	L	F	
C-LRL-6-4	3/8" x 1mm	1/4" x 1mm	19.1 (0.75)	25.0 (0.98)	11.1 (0.44)	227 (3300)
C-LRL-6-4-035	3/8" x 0.035"	1/4" x 0.035"				
C-LRL-6-4-L10	3/8" x 1mm	1/4" x 1mm	10.0 (0.39)	15.9 (0.63)		
C-LRL-8-4	1/2" x 0.049"	1/4" x 1mm	19.1 (0.75)	29.0 (1.14)	17.0 (0.67)	254 (3700)
C-LRL-8-4T35		1/4" x 0.035"				
C-LRL-8-4-L10		1/4" x 1mm	10.0 (0.39)	19.9 (0.78)		
C-LRL-8-6	1/2" x 0.049"	3/8" x 1mm	19.1 (0.75)	29.0 (1.14)	17.0 0.67)	227 (3300)
C-LRL-8-6T35		3/8" x 0.035"				
C-LRL-8-6-L10		3/8" x 1mm	10.0 (0.39)	19.9 (0.78)		
C-LRL-12-4	3/4" x 0.065"	1/4" x 1mm	22.5 (0.89)	33.5 (1.32)	25.0 (0.98)	165 (2400)
C-LRL-12-4T35		1/4" x 0.035"				
C-LRL-12-4-L10		1/4" x 1mm	10.0 (0.39)	22.4 (0.88)		
C-LRL-16-8	1" x 0.065"	1/2" x 0.049"	23.3 (0.92)	38.3 (1.51)	30.0 (1.18)	165 (2400)

Long Tee



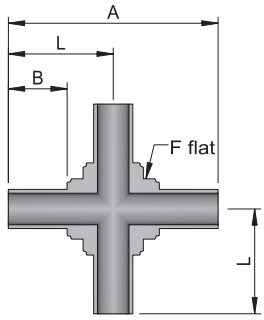
Basic Ordering Number	Tube O.D	Wall THK.	Dimensions, mm (inch)				Pressure Rating bar (psig)
			A	B	L	F	
C-LT-4	1/4"	1mm	50.0 (1.97)	19.1 (0.75)	25.0 (0.98)	11.1 (0.44)	351 (5100)
C-LT-4T35		0.035"					
C-LT-4-L10		1mm	31.8 (1.25)	10.0 (0.39)	15.9 (0.63)		
C-LT-6	3/8"	1mm	50.0 (1.97)	19.1 (0.75)	25.0 (0.98)	11.1 (0.44)	227 (3300)
C-LT-6T35		0.035"					
C-LT-6-L10		1mm	31.8 (1.25)	10.0 (0.39)	15.9 (0.63)		
C-LT-8	1/2"	0.049"	58.0 (2.28)	19.1 (0.75)	29.0 (1.14)	17.0 (0.67)	254 (3700)
C-LT-8-L10			39.8 (1.57)	10.0 (0.39)	19.9 (0.78)		
C-LT-12	3/4"	0.065"	67.0 (2.64)	22.5 (0.89)	33.5 (1.32)	25.0 (0.98)	165 (2400)
C-LT-12T49		0.049"					
C-LT-12-L10		0.065"	44.8 (1.76)	10.0 (0.39)	22.4 (0.88)		
C-LT-16	1"	0.065"	76.6 (3.02)	23.3 (0.92)	38.3 (1.51)	30.0 (1.18)	165 (2400)

Long Reducing Tee



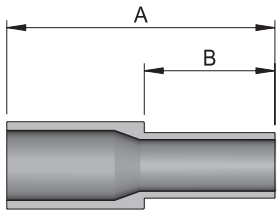
Basic Ordering Number	Tube O.D 1 x Wall THK.	Tube O.D 2 x Wall THK.	Dimensions, mm (inch)				Pressure Rating bar (psig)
			A	B	L	F	
C-LRT-6-4	3/8" x 1mm	1/4" x 1mm	50.0 (1.97)	19.1 (0.75)	25.0 (0.98)	11.1 (0.44)	227 (3300)
C-LRT-6-4-035	3/8" x 0.035"	1/4" x 0.035"					
C-LRT-6-4-L10	3/8" x 1mm	1/4" x 1mm	31.8 (1.25)	10.0 (0.39)	15.9 (0.63)		
C-LRT-8-4	1/2" x 0.049"	1/4" x 1mm	58.0 (2.28)	19.1 (0.75)	29.0 (1.14)	17.0 (0.67)	254 (3700)
C-LRT-8-4T35		1/4" x 0.035"					
C-LRT-8-4-L10		1/4" x 1mm	39.8 (1.57)	10.0 (0.39)	19.9 (0.78)		
C-LRT-8-6	1/2" x 0.049"	3/8" x 1mm	58.0 (2.28)	19.1 (0.75)	29.0 (1.14)	17.0 (0.67)	227 (3300)
C-LRT-8-6T35		3/8" x 0.035"					
C-LRT-8-6-L10		3/8" x 1mm	39.8 (1.57)	10.0 (0.39)	19.9 (0.78)		
C-LRT-12-4	3/4" x 0.065"	1/4" x 1mm	67 (2.64)	22.5 (0.89)	33.5 (1.32)	25.0 (0.98)	165 (2400)
C-LRT-12-4T35		1/4" x 0.035"					
C-LRT-12-4-L10		1/4" x 1mm	44.8 (1.76)	10.0 (0.39)	22.4 (0.88)		
C-LRT-12-6	3/4" x 0.065"	3/8" x 1mm	67 (2.64)	22.5 (0.89)	33.5 (1.32)	25.0 (0.98)	165 (2400)
C-LRT-12-6T35		3/8" x 0.035"					
C-LRT-12-6-L10		3/8" x 1mm	44.8 (1.76)	10.0 (0.39)	22.4 (0.88)		
C-LRT-12-8	3/4" x 0.065"	1/2" x 0.049"	67 (2.64)	22.5 (0.89)	33.5 (1.32)	25.0 (0.98)	165 (2400)
C-LRT-12-8-L10		1/2" x 0.049"	44.8 (1.76)	10.0 (0.39)	22.4 (0.88)		
C-LRL-16-4	1" x 0.065"	1/4" x 1mm	76.6 (3.02)	23.3 (0.92)	38.3 (1.51)	30.0 (1.18)	165 (2400)
C-LRL-16-4T35		1/4" x 0.035"					
C-LRL-16-8		1/2" x 0.049"					

Long Cross



Basic Ordering Number	Tube O.D	Wall THK.	Dimensions, mm (inch)				Pressure Rating bar (psig)
			A	B	L	F	
C-LX-4	1/4"	1mm	50.0 (1.97)	19.1 (0.75)	25.0 (0.98)	11.1 (0.44)	351 (5100)
C-LX-4T35		0.035"					
C-LX-4-L10		1mm	31.8 (1.25)	10.0 (0.39)	15.9 (0.63)		
C-LX-6	3/8"	1mm	50.0 (1.97)	19.1 (0.75)	25.0 (0.98)	11.1 (0.44)	227 (3300)
C-LX-6T35		0.035"					
C-LX-6-L10		1mm	31.8 (1.25)	10.0 (0.39)	15.9 (0.63)		
C-LX-8	1/2"	0.049"	58.0 (2.28)	19.1 (0.75)	29.0 (1.14)	17.0 (0.67)	254 (3700)
C-LX-8-L10			39.8 (1.57)	10.0 (0.39)	19.9 (0.78)		
C-LX-12	3/4"	0.065"	67.0 (2.64)	22.5 (0.89)	33.5 (1.32)	25.0 (0.98)	165 (2400)
C-LX-12T49		0.049"					
C-LX-12-L10		0.065"	44.8 (1.76)	10.0 (0.39)	22.4 (0.88)		

Long Reducing Union

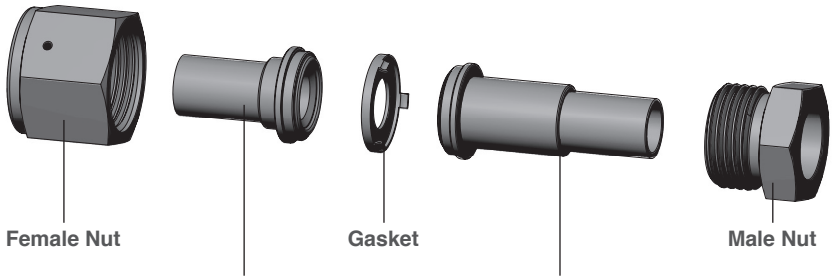


Basic Ordering Number	Tube O.D 1 x Wall THK.	Tube O.D 2 x Wall THK.	Dimensions, mm (inch)		Pressure Rating bar (psig)
			A	B	
C-LRU-6-4	3/8" x 1mm	1/4" x 1mm	38.1 (1.5)	19.1 (0.75)	227 (3300)
C-LRU-6-4-035	3/8" x 0.035"	1/4" x 0.035"			
C-LRU-6-4-L10	3/8" x 1mm	1/4" x 1mm	20.0 (0.79)	10.0 (0.39)	
C-LRU-8-4	1/2" x 0.049"	1/4" x 1mm	38.1 (1.5)	19.1 (0.75)	254 (3700)
C-LRU-8-4T35		1/4" x 0.035"			
C-LRU-8-4-L10		1/4" x 1mm	20.0 (0.79)	10.0 (0.39)	
C-LRU-8-6	1/2" x 0.049"	3/8" x 1mm	38.1 (1.5)	19.1 (0.75)	227 (3300)
C-LRU-8-6T35		3/8" x 0.035"			
C-LRU-8-6-L10		3/8" x 1mm	20.0 (0.79)	10.0 (0.39)	
C-LRU-12-4	3/4" x 0.065"	1/4" x 1mm	42.9 (1.69)	19.1 (0.75)	165 (2400)
C-LRU-12-4T35		1/4" x 0.035"			
C-LRU-12-4-L10		1/4" x 1mm	20.0 (0.79)	10.0 (0.39)	
C-LRU-12-6	3/4" x 0.065"	3/8" x 1mm	42.9 (1.69)	19.1 (0.75)	165 (2400)
C-LRU-12-6T35		3/8" x 0.035"			
C-LRU-12-6-L10		3/8" x 1mm	20.0 (0.79)	10.0 (0.39)	
C-LRU-12-8	3/4" x 0.065"	1/2" x 0.049"	42.9 (1.69)	19.1 (0.75)	165 (2400)
C-LRU-12-8-L10		1/2" x 0.049"	20.0 (0.79)	10.0 (0.39)	
C-LRU-16-4	1" x 0.065"	1/4" x 1mm	44.5 (1.75)	19.1 (0.75)	165 (2400)
C-LRU-16-4T35		1/4" x 0.035"			
C-LRU-16-6		3/8" x 1mm			
C-LRU-16-6T35		3/8" x 0.035"			
C-LRL-16-8		1/2" x 0.049"			
C-LRL-16-12		1/2" x 0.049"	48.5 (1.91)	23.3 (0.92)	

Metal Face Seal Fittings

Features

- High purity metal-to-metal seal
- Leak-tight from vacuum to positive pressure
- Minimization of clearance needed for removal and installation
- Two test ports are provided for easy leak test



Testing

- Products are rated to a helium leak rate of 1 x 10^{-9} atm cc/sec.
- Tested in accordance with SEMI F1-96.

Plating

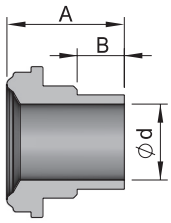
- Female nut threads are silver plated to prevent galling, ensure convenient assembly and consistent make-up.
- Chemical processes for cleaning, electro-polishing and passivation may remove plating.
- Damaged or removed plating may cause thread galling, damage of fitting components and preventing a proper seal.

Ordering Information

C	-	LGF	-	8	-	EP	-	S6LS
Clean Fitting		Product Type		Connection Size		Product Grade		Material

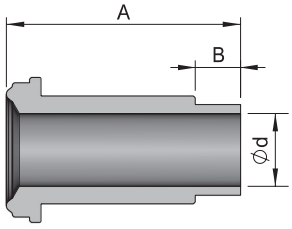
Clean Fitting	Product Type	Connection Size	Product Grade	Body Material
- **C** : S-LOK UHP Product	Refer to the basic ordering number in the dimension table.	- **4** : 1/4” - **6** : 3/8” - **8** : 1/2” - **12** : 3/4” - **16** : 1”	- **BA** : BA - **EP** : EP	- **S6LS** : SS316L Single Melt - **S6LV** : SS316L Double Melt

Micro Gland for Female Nut



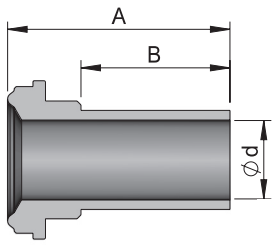
Basic Ordering Number	Head Size	Tube O.D x Wall THK.	Dimensions, mm (inch)			Pressure Rating bar (psig)	
			d	A	B	NI	SS316L
C-MGF-4	1/4"	1/4" x 1mm	4.35 (0.17)	15.2 (0.60)	6.4 (0.25)	351 (5100)	351 (5100)
C-MGF-4T35		1/4" x 0.035"	4.57 (0.18)				
C-MGF-6	1/2"	3/8" x 1mm	7.53 (0.30)	15.8 (0.62)	6.4 (0.25)	227 (3300)	227 (3300)
C-MGF-6T35		3/8" x 0.035"	7.75 (0.31)				
C-MGF-8	1/2"	1/2" x 0.049"	10.22 (0.40)	15.8 (0.62)	6.4 (0.25)	241 (3500)	241 (3500)
C-MGF-8-4		1/4" x 1mm	4.35 (0.17)				296 (4300)
C-MGF-8-4T35		1/4" x 0.035"	4.57 (0.18)				

Micro Gland for Male Nut



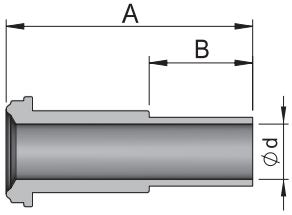
Basic Ordering Number	Head Size	Tube O.D x Wall THK.	Dimensions, mm (inch)			Pressure Rating bar (psig)	
			d	A	B	NI	SS316L
C-MGM-4	1/4"	1/4" x 1mm	4.35 (0.17)	30.5 (1.20)	6.4 (0.25)	351 (5100)	351 (5100)
C-MGM-4T35		1/4" x 0.035"	4.57 (0.18)				
C-MGM-6	1/2"	3/8" x 1mm	7.53 (0.30)	32.8 (1.29)	6.4 (0.25)	227 (3300)	227 (3300)
C-MGM-6T35		3/8" x 0.035"	7.75 (0.31)				
C-MGM-8	1/2"	1/2" x 0.049"	10.22 (0.40)	32.8 (1.29)	6.4 (0.25)	241 (3500)	241 (3500)
C-MGM-8-4		1/4" x 1mm	4.35 (0.17)			241 (3500)	296 (4300)
C-MGM-8-4T35		1/4" x 0.035"	4.57 (0.18)				

Long Gland for Female Nut



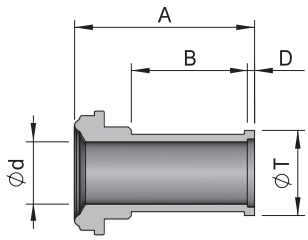
Basic Ordering Number	Head Size	Tube O.D x Wall THK.	Dimensions, mm (inch)			Pressure Rating bar (psig)	
			d	A	B	NI	SS316L
C-LGF-4	1/4"	1/4" x 1mm	4.35 (0.17)	28.0 (1.10)	19.1 (0.75)	351 (5100)	351 (5100)
C-LGF-4T35		1/4" x 0.035"	4.57 (0.18)				
C-LGF-4L10		1/4" x 1mm	4.35 (0.17)	18.9 (0.74)	10.0 (0.39)		
C-LGF-6	1/2"	3/8" x 1mm	7.53 (0.30)	28.5 (1.12)	19.1 (0.75)	227 (3300)	227 (3300)
C-LGF-6T35		3/8" x 0.035"	7.75 (0.31)				
C-LGF-6L10		3/8" x 1mm	7.53 (0.30)	19.4 (0.76)	10.0 (0.39)		
C-LGF-8	1/2"	1/2" x 0.049"	10.22 (0.40)	28.5 (1.12)	19.1 (0.75)	241 (3500)	241 (3500)
C-LGF-8L10				19.4 (0.76)	10.0 (0.39)		
C-LGF-8-4		1/4" x 1mm	4.35 (0.17)	28.5 (1.12)	19.1 (0.75)	241 (3500)	296 (4300)
C-LGF-12	3/4"	3/4" x 0.065"	15.75 (0.62)	34.5 (1.36)	19.1 (0.75)	165 (2400)	165 (2400)
C-LGF-16	1"	1" x 0.065"	22.10 (0.87)	38.6 (1.52)	19.1 (0.75)	165 (2400)	165 (2400)

Long Gland for Male Nut



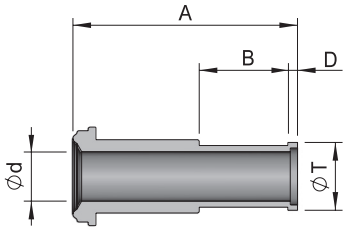
Basic Ordering Number	Head Size	Tube O.D x Wall THK.	Dimensions, mm (inch)			Pressure Rating bar (psig)	
			d	A	B	NI	SS316L
C-LGM-4	1/4"	1/4" x 1mm	4.35 (0.17)	43.2 (1.70)	19.1 (0.75)	351 (5100)	351 (5100)
C-LGM-4T35		1/4" x 0.035"	4.57 (0.18)				
C-LGM-4L10		1/4" x 1mm	4.35 (0.17)	34.1 (1.34)	10.0 (0.39)		
C-LGM-6	1/2"	3/8" x 1mm	7.53 (0.30)	45.5 (1.79)	19.1 (0.75)	227 (3300)	227 (3300)
C-LGM-6T35		3/8" x 0.035"	7.75 (0.31)				
C-LGM-6L10		3/8" x 1mm	7.53 (0.30)	36.4 (1.43)	10.0 (0.39)		
C-LGM-8	1/2"	1/2" x 0.049"	10.22 (0.40)	45.5 (1.79)	19.1 (0.75)	241 (3500)	241 (3500)
C-LGM-8L10				36.4 (1.43)	10.0 (0.39)		
C-LGM-8-4		1/4" x 1mm	4.35 (0.17)	45.5 (1.79)	19.1 (0.75)	241 (3500)	296 (4300)
C-LGM-12	3/4"	3/4" x 0.065"	15.75 (0.62)	34.5 (1.36)	19.1 (0.75)	165 (2400)	165 (2400)
C-LGM-16	1"	1" x 0.065"	22.10 (0.87)	38.6 (1.52)	19.1 (0.75)	165 (2400)	165 (2400)

ATW Long Gland for Female Nut



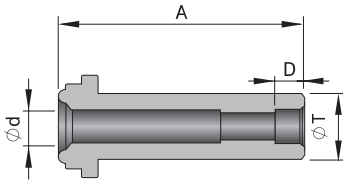
Basic Ordering Number	Head Size	Tube O.D	Dimensions, mm (inch)					Pressure Rating bar (psig)	
			d	T	A	B	D	NI	SS316L
C-ALGF-4	1/4"	1/4"	4.57 (0.18)	7.4 (0.29)	28.5 (1.12)	19.1 (0.75)	0.5 (0.02)	351 (5100)	351 (5100)
C-ALGF-6	1/2"	3/8"	7.75 (0.31)	10.4 (0.41)	29.2 (1.15)	19.1 (0.75)	0.8 (0.03)	227 (3300)	227 (3300)
C-ALGF-8	1/2"	1/2"	10.22 (0.40)	14.0 (0.55)	29.5 (1.16)	19.1 (0.75)	1.0 (0.04)	241 (3500)	241 (3500)

ATW Long Gland for Male Nut



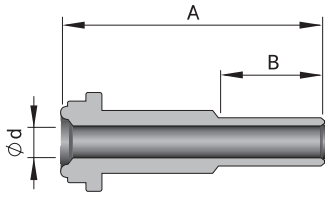
Basic Ordering Number	Head Size	Tube O.D	Dimensions, mm (inch)					Pressure Rating bar (psig)	
			d	T	A	B	D	NI	SS316L
C-ALGM-4	1/4"	1/4"	4.57 (0.18)	7.4 (0.29)	43.7 (1.72)	19.1 (0.75)	0.5 (0.02)	351 (5100)	351 (5100)
C-ALGM-6	1/2"	3/8"	7.75 (0.31)	10.4 (0.41)	46.2 (1.82)	19.1 (0.75)	0.8 (0.03)	227 (3300)	227 (3300)
C-ALGM-8	1/2"	1/2"	10.22 (0.40)	14.0 (0.55)	46.5 (1.83)	19.1 (0.75)	1.0 (0.04)	241 (3500)	241 (3500)
C-ALGM-8-4		1/4"	4.57 (0.18)	7.4 (0.29)	46.2 (1.82)	19.1 (0.75)	0.5 (0.02)		
C-ALGM-12	3/4"	3/4"	16.50 (0.65)	20.3 (0.80)	52.6 (2.07)	19.1 (0.75)	1.0 (0.04)	165 (2400)	165 (2400)
C-ALGM-16	1"	1"	22.10 (0.87)	26.9 (1.06)	65.3 (2.57)	24.4 (0.96)	1.0 (0.04)	165 (2400)	165 (2400)

Socket Weld Gland



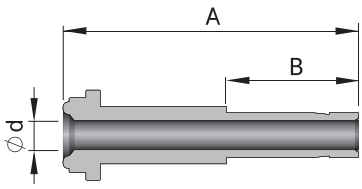
Basic Ordering Number	Head Size	Tube O.D	Dimensions, mm (inch)				Pressure Rating bar (psig)	
			d	T	A	D	NI	SS316L
C-GSW-4	1/4"	1/4"	4.57 (0.18)	8.9 (0.35)	33.3 (1.31)	7.1 (0.28)	378 (5500)	378 (5500)
C-GSW-4-12.7L					12.7 (0.50)			
C-GSW-4-19.1L					19.1 (0.75)			
C-GSW-6	1/2"	3/8"	7.11 (0.28)	15.2 (0.60)	38.1 (1.50)	7.9 (0.31)	241 (3500)	296 (4300)
C-GSW-8	1/2"	1/2"	10.22 (0.40)	15.2 (0.60)	38.1 (1.50)	9.6 (0.38	206 (3000)	206 (3000)
C-GSW-8-4	1/2"	1/4"	4.57 (0.18)	15.2 (0.60)	38.1 (1.50)	7.1 (0.28)	241 (3500)	241 (3500)
C-GSW-12	3/4"	3/4"	15.74 (0.62)	22.4 (0.88)	50.8 (2.00)	11.2 (0.44)	192 (2800)	192 (2800)
C-GSW-16	1"	1"	22.10 (0.87)	30.2 (1.19)	56.4 (2.22)	15.7 (0.62)	165 (2400)	206 (3000)

Male Weld Gland



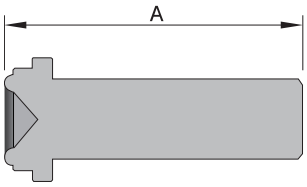
Basic Ordering Number	Head Size	Tube O.D	Dimensions, mm (inch)			Pressure Rating bar (psig)	
			d	A	B	NI	SS316L
C-GMW-4	1/4"	1/4"	3.00 (0.12)	33.3 (1.31)	10.4 (0.41)	551 (8000)	689 (10000)
C-GMW-6	1/2"	3/8"	7.11 (0.28)	38.1 (1.50)	10.4 (0.41)	241 (3500)	296 (4300)
C-GMW-8	1/2"	1/2"	10.22 (0.40)	38.1 (1.50)	12.7 (0.50)	241 (3500)	241 (3500)
C-GMW-8-4	1/2"	1/4"	3.00 (0.12)	38.1 (1.50)	10.4 (0.41)	241 (3500)	296 (4300)
C-GMW-12	3/4"	3/4"	13.50 (0.53)	50.8 (2.00)	15.7 (0.62)	206 (3000)	254 (3700)
C-GSW-16	1"	1"	19.1 (0.75)	56.4 (2.22)	20.6 (0.81)	165 (2400)	206 (3000)

Tube Adapter Gland



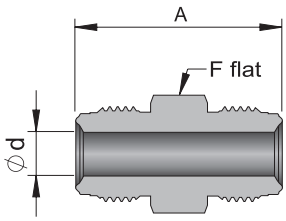
Basic Ordering Number	Head Size	Tube O.D	Dimensions, mm (inch)			Pressure Rating bar (psig)	
			d	A	B	NI	SS316L
C-GA-4	1/4"	1/4"	4.3 (0.17)	41.0 (1.62)	16.2 (0.64)	551 (8000)	689 (10000)
C-GA-6	1/2"	3/8"	6.8 (0.27)	46.0 (1.81)	17.8 (0.70)	241 (3500)	296 (4300)
C-GA-8	1/2"	1/2"	9.4 (0.37)	49.3 (1.94)	24.4 (0.96)	241 (3500)	296 (4300)

Blind Gland



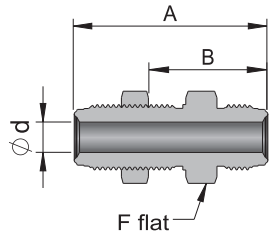
Basic Ordering Number	Head Size	Dimensions, mm (inch)
		A
C-GBL-4	1/4"	33.3 (1.31)
C-GBL-8	1/2"	38.1 (1.50)
C-GBL-12	3/4"	50.8 (2.00)
C-GBL-16	1"	56.4 (2.22)

Union



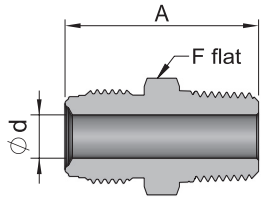
Basic Ordering Number	Head Size	Dimensions, mm (inch)			Pressure Rating bar (psig)	
		d	A	F	NI	SS316L
C-U-4	1/4"	4.3 (0.17)	39.4 (1.55)	15.88 (5/8)	551 (8000)	689 (10000)
C-U-8	1/2"	10.2 (0.40)	46.7 (1.84)	23.81 (15/16)	241 (3500)	296 (4300)
C-U-8-4	1/2" x 1/4"	10.2 x 4.3 (0.40 x 0.17)	43.4 (1.71)	23.81 (15/16)	241 (3500)	296 (4300)
C-U-12	3/4"	15.7 (0.62)	62.0 (2.44)	33.33 (1-5/16)	206 (3000)	254 (3700)
C-U-16	1"	22.1 (0.87)	65.8 (2.59)	41.28 (1-5/8)	165 (2400)	206 (3000)

Bulkhead Union



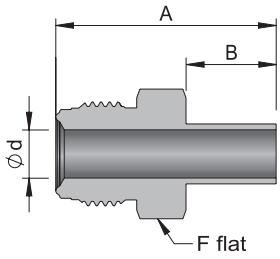
Basic Ordering Number	Head Size	Dimensions, mm (inch)				Pressure Rating bar (psig)	
		d	A	B	F	NI	SS316L
C-BU-4	1/4"	4.3 (0.17)	56.6 (2.23)	33.0 (1.30)	19.05 (3/4)	551 (8000)	689 (10000)
C-BU-8	1/2"	10.2 (0.40)	65.3 (2.57)	37.6 (1.48)	26.98 (1-1/16)	241 (3500)	296 (4300)
C-BU-12	3/4"	15.7 (0.62)	79.0 (3.11)	43.0 (1.69)	38.10 (1-1/2)	206 (3000)	254 (3700)
C-BU-16	1"	22.1 (0.87)	86.0 (3.39)	47.0 (1.85)	44.45 (1-3/4)	165 (2400)	206 (3000)

Male Connector



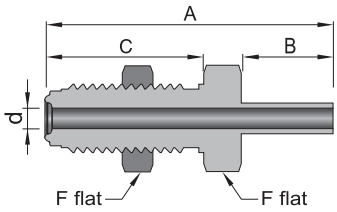
Basic Ordering Number	Head Size	NPT Size	Dimensions, mm (inch)			Pressure Rating bar (psig)	
			d	A	F	NI	SS316L
C-MC-4-2N	1/4"	1/8"	4.3 (0.17)	33.3 (1.31)	15.88 (5/8)	551 (8000)	689 (10000)
C-MC-4-4N		1/4"		37.8 (1.49)			
C-MC-8-4N	1/2"	1/4"	7.1 (0.28)	41.9 (1.65)	23.81 (15/16)	241 (3500)	296 (4300)
C-MC-8-6N		3/8"	9.6 (0.38)	41.9 (1.65)			
C-MC-8-8N		1/2"	10.2 (0.40)	46.7 (1.84)			
C-MC-12-12N	3/4"	3/4"	15.7 (0.62)	55.6 (2.19)	33.33 (1-5/16)	206 (3000)	254 (3700)
C-MC-16-16N	1"	1"	22.1 (0.87)	62.7 (2.47)	41.28 (1-5/8)	165 (2400)	206 (3000)

Tube Butt Weld Connector



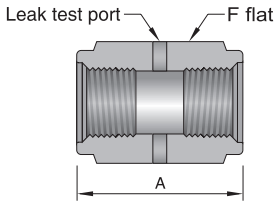
Basic Ordering Number	Head Size	Tube O.D x Wall THK.	Dimensions, mm (inch)				Pressure Rating bar (psig)	
			d	A	B	F	NI	SS316L
C-TC-4-4	1/4"	1/4" x 1mm	4.35 (0.17)	42.7 (1.68)	19.1 (0.75)	15.88 (5/8)	351 (5100)	351 (5100)
C-TC-4-4T35		1/4" x 0.035"	4.57 (0.18)					
C-TC-8-6	1/2"	3/8" x 1mm	7.53 (0.30)	46.7 (1.84)	19.1 (0.75)	23.81 (15/16)	227 (3300)	227 (3300)
C-TC-8-6T35		3/8" x 0.035"	7.75 (0.31)					
C-TC-8-8	1/2"	1/2" x 0.049"	10.22 (0.40)	46.7 (1.84)	19.1 (0.75)	23.81 (15/16)	241 (3500)	241 (3500)
C-TC-12-12	3/4"	3/4" x 0.065"	15.75 (0.62)	55.6 (2.19)	19.1 (0.75)	33.33 (1-5/16)	165 (2400)	165 (2400)

Tube Butt Weld Bulkhead Connector



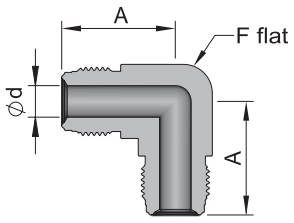
Basic Ordering Number	Head Size	Dimensions, mm (inch)					Pressure Rating bar (psig)	
		d	A	B	C	F	NI	SS316L
C-TCB-4-4	1/4"	4.35 (0.17)	59.9 (2.36)	19.1 (0.75)	33.0 (1.30)	19.05 (3/4)	351 (5100)	351 (5100)
C-TCB-4-4T35		4.57 (0.18)						
C-TCB-8-8	1/2"	10.22 (0.40)	65.3 (2.57)	19.1 (0.75)	37.6 (1.48)	26.99 (1-1/16)	241 (3500)	241 (3500)
C-TCB-12-12	3/4"	15.75 (0.62)	71.3 (2.81)	19.1 (0.75)	43.0 (1.69)	38.1 (1-1/2)	165 (2400)	165 (2400)

Coupling



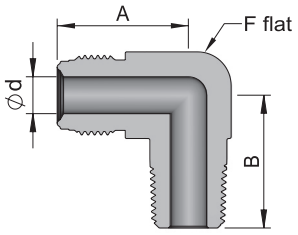
Basic Ordering Number	Head Size	Dimensions, mm (inch)	
		A	F
C-CG-2	1/8"	16.8 (0.66)	11.11 (7/16)
C-CG-4	1/4"	30.2 (1.19)	19.05 (3/4)
C-CG-8	1/2"	33.3 (1.31)	26.98 (1-1/16)
C-CG-12	3/4"	42.7 (1.68)	38.1 (1-1/2)
C-CG-16	1"	51.8 (2.04)	44.45 (1-3/4)

Union Elbow



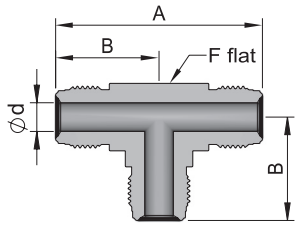
Basic Ordering Number	Head Size	Dimensions, mm (inch)			Pressure Rating bar (psig)	
		d	A	F	NI	SS316L
C-L-4	1/4"	4.3 (0.17)	27.2 (1.07)	12.7 (1/2)	551 (8000)	689 (10000)
C-L-8	1/2"	10.2 (0.40)	36.8 (1.45)	20.6 (13/16)	241 (3500)	296 (4300)
C-L-12	3/4"	15.7 (0.62)	48.8 (1.92)	31.8 (1-1/4)	206 (3000)	254 (3700)
C-L-16	1"	22.1 (0.87)	50.8 (2.00)	42.8 (1-11/16)	165 (2400)	206 (3000)

Male Elbow



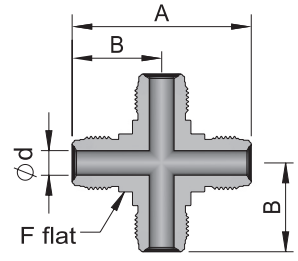
Basic Ordering Number	Head Size	NPT Size	Dimensions, mm (inch)				Pressure Rating bar (psig)	
			d	A	B	F	NI	SS316L
C-MLC-4-2N	1/4"	1/8"	4.3 (0.17)	27.2 (1.07)	22.1 (0.87)	12.7 (1/2)	551 (8000)	689 (10000)
C-MLC-4-4N		1/4"			26.7 (1.05)			
C-MLC-8-6N	1/2"	3/8"	10.2 (0.40)	36.8 (1.45)	32.0 (1.26)	20.6 (13/16)	241 (3500)	296 (4300)
C-MLC-8-8N		1/2"			36.8 (1.45)			

Union Tee



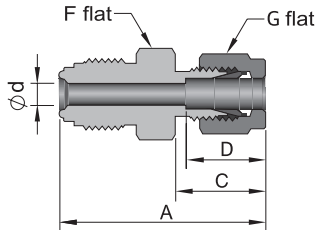
Basic Ordering Number	Head Size	Dimensions, mm (inch)				Pressure Rating bar (psig)	
		d	A	B	F	NI	SS316L
C-T-4	1/4"	4.3 (0.17)	54.4 (2.14)	27.2 (1.07)	12.7 (1/2)	551 (8000)	689 (10000)
C-T-8	1/2"	10.2 (0.40)	73.6 (2.90)	36.8 (1.45)	20.6 (13/16)	241 (3500)	296 (4300)
C-T-12	3/4"	15.7 (0.62)	97.6 (3.84)	48.8 (1.92)	31.8 (1-1/4)	206 (3000)	254 (3700)
C-T-16	1"	22.1 (0.87)	101.6 (4.00)	50.8 (2.00)	42.8 (1-11/16)	165 (2400w)	206 (3000)

Union Cross



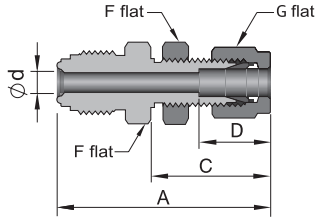
Basic Ordering Number	Head Size	Dimensions, mm (inch)				Pressure Rating bar (psig)	
		d	A	B	F	NI	SS316L
C-X-4	1/4"	4.3 (0.17)	54.4 (2.14)	27.2 (1.07)	12.7 (1/2)	551 (8000)	689 (10000)
C-X-8	1/2"	10.2 (0.40)	73.6 (2.90)	36.8 (1.45)	20.6 (13/16)	241 (3500)	296 (4300)
C-X-12	3/4"	15.7 (0.62)	97.6 (3.84)	48.8 (1.92)	31.8 (1-1/4)	206 (3000)	254 (3700)
C-X-16	1"	22.1 (0.87)	101.6 (4.00)	50.8 (2.00)	42.8 (1-11/16)	165 (2400)	206 (3000)

S-LOK Tube Fitting Connector



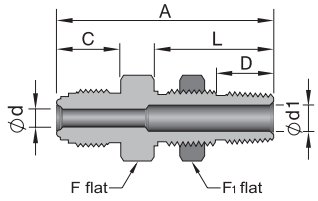
Basic Ordering Number	Head Size	Tube O.D	Dimensions, mm (inch)						Pressure Rating bar (psig)	
			d	A	C	D	F	G	NI	SS316L
C-US-4-4T	1/4"	1/4"	4.3 (0.17)	41.1 (1.62)	17.8 (0.70)	15.2 (0.60)	15.88 (5/8)	14.28 (9/16)	551 (8000)	689 (10000)
C-US-8-6T	1/2"	3/8"	7.1 (0.28)	46.7 (1.84)	19.3 (0.76)	16.8 (0.66)	23.81 (15/16)	17.46 (11/16)	241 (3500)	296 (4300)
C-US-8-8T	1/2"	1/2"	10.2 (0.40)	49.5 (1.95)	21.8 (0.86)	22.9 (0.90)	23.81 (15/16)	22.22 (7/8)	241 (3500)	296 (4300)

S-LOK Tube Fitting Bulkhead Connector



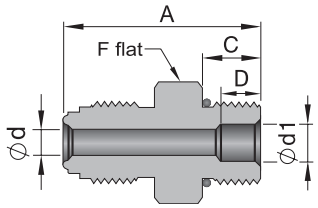
Basic Ordering Number	Head Size	Tube O.D	Dimensions, mm (inch)									Pressure Rating bar (psig)	
			d	A	C	D	F	F1	G	Panle Drill Size	Max. Panel Thk.	NI	SS316L
C-USB-4-4T	1/4"	1/4"	4.3 (0.17)	57.2 (2.25)	33.5 (1.32)	15.2 (0.60)	15.88 (5/8)	15.88 (5/8)	14.28 (9/16)	11.9 (15/32)	10.2 (0.40)	551 (8000)	689 (10000)
C-USB-8-6T	1/2"	3/8"	7.1 (0.28)	64.5 (2.54)	36.8 (1.45)	16.8 (0.66)	23.81 (15/16)	19.05 (3/4)	17.46 (11/16)	15.0 (19/32)	11.2 (0.44)	241 (3500)	296 (4300)
C-USB-8-8T	1/2"	1/2"	10.2 (0.40)	69.6 (2.74)	41.9 (1.65)	22.9 (0.90)	23.81 (15/16)	23.81 (15/16)	22.22 (7/8)	19.8 (25/32)	12.7 (0.50)	241 (3500)	296 (4300)

Male Bulkhead Connector



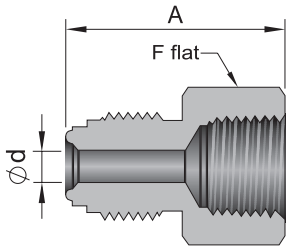
Basic Ordering Number	Head Size	NPT Size	Dimensions, mm (inch)										Pressure Rating bar (psig)	
			d	d1	A	C	D	F	F1	L	Panle Drill Size	Max. Panel Thk.	NI	SS316L
C-MBC-4-4N	1/4"	1/4"	4.3 (0.17)	7.1 (0.28)	56.1 (2.21)	15.7 (0.62)	14.2 (0.56)	20.63 (13/16)	20.63 (13/16)	31.5 (1.24)	16.8 (21/32)	9.7 (0.38)	551 (8000)	551 (8000)
C-MBC-8-4N	1/2"	1/4"	10.2 (0.40)	7.1 (0.28)	59.4 (2.34)	19.1 (0.75)	14.2 (0.56)	23.81 (15/16)	20.63 (13/16)	31.5 (1.24)	16.8 (21/32)	9.7 (0.38)	241 (3500)	301 (4370)

Male Connector (Straight Thread)



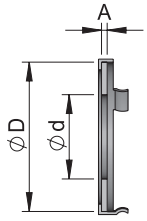
Basic Ordering Number	Head Size	Straight Thread Size	Dimensions, mm (inch)						Pressure Rating bar (psig)	
			d	d1	A	C	D	F	NI	SS316L
C-MC-4-6U	1/4"	9/16-18	4.3 (0.17)	7.1 (0.28)	33.8 (1.33)	9.9 (0.39)	6.4 (0.25)	19.1 (3/4)	310 (4500)	310 (4500)
C-MC-8-6U	1/2"	9/16-18	7.1 (0.28)	7.1 (0.28)	37.6 (1.48)	9.9 (0.39)	-	23.8 (15/16)	241 (3500)	241 (3500)
C-MC-8-10U	1/2"	7/8-14	10.2 (0.40)	15.0 (0.59)	42.2 (1.66)	12.7 (0.50)	10.2 (0.40)	25.4 (1)	241 (3500)	241 (3500)

Female Connector



Basic Ordering Number	Head Size	NPT Size	Dimensions, mm (inch)			Pressure Rating bar (psig)	
			d	A	F	NI	SS316L
C-FC-4-2N	1/4"	1/8"	4.3 (0.17)	35.8 (1.41)	15.88 (5/8)	551 (8000)	551 (8000)
C-FC-4-4N		1/4"		39.1 (1.54)	19.05 (3/4)	454 (6600)	454 (6600)
C-FC-8-6N	1/2"	3/8"	10.2 (0.40)	44.7 (1.76)	23.81 (15/16)	241 (3500)	296 (4300)
C-FC-8-8N		1/2"		50.5 (1.99)	26.98 (1-1/16)		
C-FC-12-12N	3/4"	3/4"	15.7 (0.62)	59.9 (2.36)	33.33 (1-5/16)	206 (3000)	254 (3700)
C-FC-16-16N	1"	1"	22.1 (0.87)	63.8 (2.51)	41.28 (1-5/8)	165 (2400)	206 (3000)

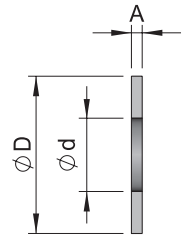
Gasket Retainer Assembly



Basic Ordering Number	Head Size (ØD)	Dimensions, mm (inch)		
		d	D	A
C-GTR-4	1/4"	5.6 (0.22)	11.9 (0.47)	0.8 (0.03)
C-GTR-8	1/2"	11.2 (0.44)	19.2 (0.76)	0.8 (0.03)
C-GTR-12	3/4"	16.8 (0.66)	28.5 (1.12)	0.8 (0.03)
C-GTR-16	1"	22.6 (0.89)	35.1 (1.38)	0.8 (0.03)

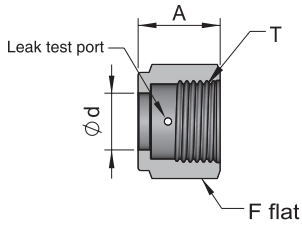
• Basic ordering number of gasket retainer assembly is “C-GTR”.

Gasket



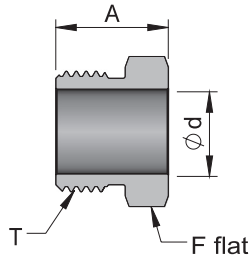
Basic Ordering Number	Head Size	Dimensions, mm (inch)		
		d	D	A
C-GT-4	1/4"	5.6 (0.22)	12.5 (0.49)	0.8 (0.03)
C-GT-8	1/2"	11.2 (0.44)	19.8 (0.78)	0.8 (0.03)
C-GT-12	3/4"	16.8 (0.66)	29.0 (1.14)	0.8 (0.03)
C-GT-16	1"	22.6 (0.89)	35.6 (1.40)	0.8 (0.03)

Female Nut



Basic Ordering Number	Head Size	Dimensions, mm (inch)			Thread T
		d	A	F	
C-NF-4	1/4"	9.1 (0.36)	20.6 (0.81)	19.05 (3/4)	9/16-18UNF
C-NF-8	1/2"	15.5 (0.61)	22.4 (0.88)	26.98 (1-1/16)	7/8-14UNF
C-NF-12	3/4"	22.6 (0.89)	28.4 (1.12)	38.10 (1-1/2)	1-1/4-18UNEF
C-NF-16	1"	30.5 (1.20)	34.0 (1.34)	44.45 (1-3/4)	1-1/2-20UN

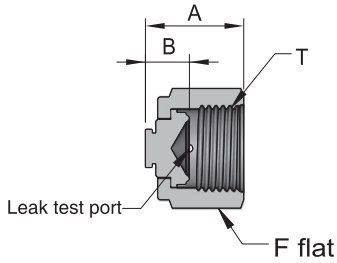
Male Nut



Basic Ordering Number	Head Size	Dimensions, mm (inch)			Thread T
		d	A	F	
C-NM-4	1/4"	9.1 (0.36)	18.0 (0.71)	15.88 (5/8)	9/16-18UNF
C-NM-4A					
C-NM-4-54			13.7 (0.54)		
C-NM-4-65			16.5 (0.65)		
C-NM-8	1/2"	15.5 (0.61)	20.6 (0.81)	23.81 (15/16)	7/8-14UNF
C-NM-12	3/4"	22.6 (0.89)	25.4 (1.00)	33.33 (1-5/16)	1-1/4-18UNEF
C-NM-16	1"	30.5 (1.20)	30.2 (1.19)	41.28 (1-5/8)	1-1/2-20UN

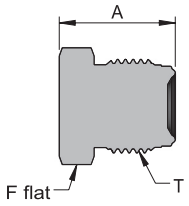
• C-NM-4A has a taper at hex end, allowing the nut to move around 90° tube bends.

Cap



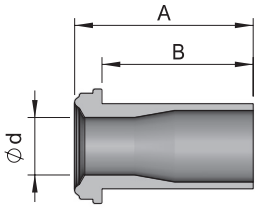
Basic Ordering Number	Head Size	Dimensions, mm (inch)			Thread T
		A	B	F	
C-CP-4	1/4"	23.9 (0.94)	11.2 (0.44)	19.05 (3/4)	9/16-18UNF
C-CP-8	1/2"	25.6 (1.01)	11.4 (0.45)	26.98 (1-1/16)	7/8-14UNF
C-CP-12	3/4"	32.8 (1.29)	13.7 (0.54)	38.10 (1-1/2)	1-1/4-18UNEF
C-CP-16	1"	39.1 (1.54)	16.0 (0.63)	44.45 (1-3/4)	1-1/2-20UN

Plug



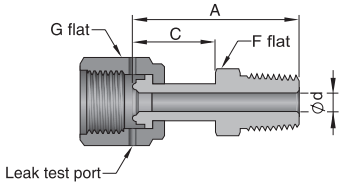
Basic Ordering Number	Head Size	Dimensions, mm (inch)		Thread T
		A	F	
C-PG-4	1/4"	23.9 (0.94)	15.88 (5/8)	9/16-18UNF
C-PG-8	1/2"	25.6 (1.01)	23.81 (15/16)	7/8-14UNF
C-PG-12	3/4"	32.8 (1.29)	33.33 (1-5/16)	1-1/4-18UNEF
C-PG-16	1"	39.1 (1.54)	41.28 (1-5/8)	1-1/2-20UN

High Flow Gland



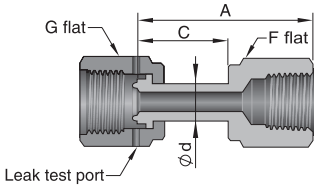
Basic Ordering Number	Head Size	Tube O.D x Wall THK.	Dimensions, mm (inch)			Pressure Rating bar (psig)	
			d	A	B	NI	SS316L
C-HG-4-6	1/4"	3/8" x 1mm	6.4 (0.25)	33.2 (1.31)	28.4 (1.12)	227 (3300)	227 (3300)
C-HG-4-6T35		3/8" x 0.035"					

Welded Male Connector



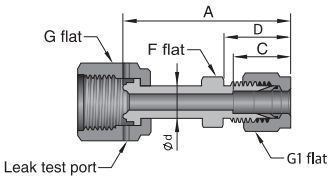
Basic Ordering Number	Head Size	NPT Size	Dimensions, mm (inch)				
			d	A	C	F	G
C-WMC-4-4N	1/4"	1/4"	4.3 (0.17)	45.5 (1.79)	23.4 (0.92)	14.28 (9/16)	19.05 (3/4)
C-WMC-8-6N	1/2"	3/8"	10.2 (0.40)	48.0 (1.89)	25.4 (1.00)	17.46 (11/16)	26.98 (1-1/16)
C-WMC-8-8N	1/2"	1/2"	10.2 (0.40)	53.1 (2.09)	25.6 (1.01)	22.22 (7/8)	26.98 (1-1/16)

Welded Female Connector



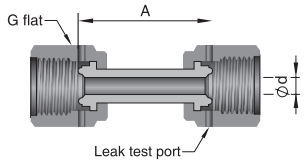
Basic Ordering Number	Head Size	NPT Size	Dimensions, mm (inch)				
			d	A	C	F	G
C-WFC-4-4N	1/4"	1/4"	4.3 (0.17)	45.0 (1.77)	23.4 (0.92)	19.05 (3/4)	19.05 (3/4)
C-WFC-8-6N	1/2"	3/8"	10.2 (0.40)	49.5 (1.95)	26.9 (1.06)	22.22 (7/8)	26.98 (1-1/16)
C-WFC-8-8N	1/2"	1/2"	10.2 (0.40)	55.4 (2.18)	26.4 (1.04)	26.98 (1-1/16)	26.98 (1-1/16)

Welded S-LOK Tube Fitting Connector



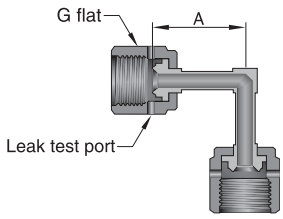
Basic Ordering Number	Head Size	Tube Size	Dimensions, mm (inch)						
			d	A	C	D	F	G	G1
C-WUS-4-4T	1/4"	1/4"	4.3 (0.17)	49.3 (1.94)	17.8 (0.70)	15.2 (0.60)	12.7 (1/2)	19.05 (3/4)	14.28 (9/16)
C-WUS-4-6T	1/4"	3/8"	4.3 (0.17)	50.0 (1.97)	19.3 (0.76)	16.8 (0.66)	15.88 (5/8)	19.05 (3/4)	17.46 (11/16)
C-WUS-8-8T	1/2"	1/2"	10.2 (0.40)	56.6 (2.23)	21.8 (0.86)	22.9 (0.90)	20.63 (13/16)	26.98 (1-1/16)	22.22 (7/8)

Close Coupling



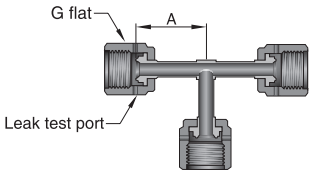
Basic Ordering Number	Head Size	Dimensions, mm (inch)		
		d	A	G
C-CC-4	1/4"	4.3 (0.17)	43.4 (1.71)	19.05 (3/4)
C-CC-8	1/2"	10.2 (0.40)	46.7 (1.84)	26.98 (1-1/16)

Welded Elbow Female Union



Basic Ordering Number	Head Size	Dimensions, mm (inch)	
		A	G
C-WL-FF-4	1/4"	38.3 (1.51)	19.05 (3/4)
C-WL-FF-4L25	1/4"	25.4 (1.00)	19.05 (3/4)

Welded Tee Female Union



Basic Ordering Number	Head Size	Dimensions, mm (inch)	
		A	G
C-WT-FFF-4	1/4"	38.5 (1.51)	19.05 (3/4)
C-WT-FFF-4L25	1/4"	25.4 (1.00)	19.05 (3/4)