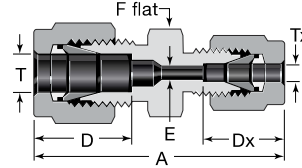
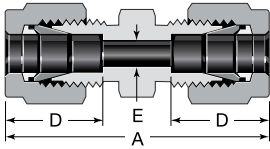


Ordering Numbers and Dimensions

- See **How to Order**, below. Minimum order quantities may apply to certain materials and configurations.
- Dimensions are for reference only and are subject to change. Unless noted otherwise, dimensions shown are for stainless steel components and with Swagelok nuts finger-tight. For Swagelok nut dimensions, see page 57.
- CAD templates are available on www.swagelok.com.

Straight Fittings

Unions



Union

Tube OD	Basic Ordering Number	Dimensions		
		A	D	E
Dimensions, in.				
1/16	-100-6	0.99	0.34	0.05
1/8	-200-6	1.40	0.50	0.09
3/16	-300-6	1.47	0.54	0.12
1/4	-400-6	1.61	0.60	0.19
5/16	-500-6	1.69	0.64	0.25
3/8	-600-6	1.77	0.66	0.28
1/2	-810-6	2.02	0.90	0.41
1/2	-810-6-0030 ^①	4.30	—	0.50
5/8	-1010-6	2.05	0.96	
3/4	-1210-6	2.11	1.02	0.62
7/8	-1410-6	2.17	1.02	0.72
1	-1610-6	2.55	1.23	0.88
1 1/8	B-1810-6			0.97
1 1/4	-2000-6	3.63	1.62	1.09
1 1/2	-2400-6	4.25	1.97	1.34
2	-3200-6	5.88	2.66	1.81
Dimensions, mm				
2	-2M0-6	35.6	12.9	1.7
3	-3M0-6	35.3		2.4
4	-4M0-6	37.3	13.7	2.4
6	-6M0-6	41.0	15.3	4.8
8	-8M0-6	43.2	16.2	6.4
10	-10M0-6	46.2	17.2	7.9
12	-12M0-6	51.2	22.8	9.5
14	-14M0-6	52.0	24.4	11.1
15	-15M0-6			11.9
16	-16M0-6			12.7
18	-18M0-6			15.1
20	-20M0-6	55.0	26.0	15.9
22	-22M0-6			18.3
25	-25M0-6	65.0	31.3	21.8
28	-28M0-6	85.0	36.6	
	B-28M0-6	65.4	31.6	24.6
30	-30M0-6	92.7	39.6	26.2
32	-32M0-6	97.3	42.0	28.6
38	-38M0-6	114	49.4	33.7
50	-50M0-6	146	65.0	45.2

^① Bored through.

Union (Metric to Fractional)

Tube OD		Basic Ordering Number	Dimensions						
T	Tx, in.		A	D	Dx	E	F		
Dimensions, mm									
2	1/8	-2M0-6-2	35.2	12.9	12.8	1.7	12		
	1/4	-2M0-6-4	38.6				15.3	14	
3	1/8	-3M0-6-2	35.2	12.9	12.8	2.4	12		
4	1/8	-4M0-6-2	36.5	13.7	12.8	2.4	12		
	1/4	-4M0-6-4	39.4				15.3	14	
6	1/16	-6M0-6-1	34.3	15.3	8.6	1.3	14		
	1/8	-6M0-6-2	38.5				12.8	2.4	14
	1/4	-6M0-6-4	41.0				15.3	4.8	14
	5/16	-6M0-6-5	42.3				16.2	4.8	14
	3/8	-6M0-6-6	43.2				16.8	4.8	16
8	1/4	-8M0-6-4	42.3	16.2	15.3	4.8	15		
	3/8	-8M0-6-6	44.3				16.9	6.4	16
10	1/8	-10M0-6-2	41.8	17.2	12.8	2.4	18		
	1/4	-10M0-6-4	44.5					15.3	4.8
	5/16	-10M0-6-5	45.1					16.2	6.4
	3/8	-10M0-6-6	45.9					16.9	7.1
12	1/4	-12M0-6-4	47.0	22.8	15.3	4.8	22		
	5/16	-12M0-6-5	47.8					16.2	6.4
	3/8	-12M0-6-6	48.4					16.9	7.1
	1/2	-12M0-6-8	51.2					22.9	9.5
14	1/2	-14M0-6-8	52.0	24.4	22.9	10.3	24		
15	1/2	-15M0-6-8	52.0	24.4	22.9	10.3	24		
16	5/8	-16M0-6-10	52.0	24.4	24.4	12.7	24		
18	3/4	-18M0-6-12	53.5	24.4	24.4	15.1	27		
20	1/2	-20M0-6-8	55.0	26.0	22.9	10.3	30		
	1	-20M0-6-16	62.8				31.3	15.9	35
25	1	-25M0-6-16	65.0	31.3	31.3	21.8	35		

How to Order

Select a basic ordering number. Example **-100-6**

Add a material designator. Example: **SS-100-6**

Material	Designator	Material	Designator
316 SS	SS	Alloy 2507	2507
Aluminum	A	Alloy C-276	HC
6-Moly	6MO	Brass	B
Alloy 400	M	Carbon steel	S
Alloy 600	INC	PTFE	T
Alloy 625	625	Titanium (grade 4)	TI
Alloy 825	825		

Refer to Installation Instructions, beginning on page 69.