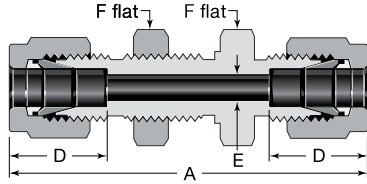


Straight Fittings

Unions

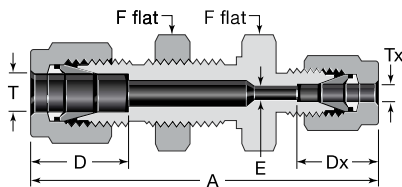


Bulkhead Union

Tube OD	Basic Ordering Number	Dimensions						Panel Hole Size	Max Panel Thickness
		A	D	E	F	F flat			
Dimensions, in.									
1/16	-100-61	1.24	0.34	0.05	5/16	13/64	0.12 ^①	0.50	
1/8	-200-61	2.02	0.50	0.09	1/2	21/64			
3/16	-300-61	2.11	0.54	0.12	9/16	25/64			
1/4	-400-61	2.27	0.60	0.19	5/8	29/64	0.40		
5/16	-500-61	2.39	0.64	0.25	11/16	33/64	0.44		
3/8	-600-61	2.45	0.66	0.28	3/4	37/64			
1/2	-810-61	2.80	0.90	0.41	15/16	49/64	0.50		
5/8	-1010-61	2.86	0.96	0.50	1 1/16	57/64			
3/4	-1210-61	3.11	0.96	0.62	1 3/16	1 1/64	0.66		
1	-1610-61	3.77	1.23	0.88	1 5/8	1 21/64	0.75		
1 1/4	-2000-61	4.85	1.62	1.09	1 7/8	1 41/64			
1 1/2	-2400-61	5.48	1.97	1.34	2 1/4	1 61/64			
2	-3200-61	7.10	2.66	1.81	2 3/4	2 41/64			
Dimensions, mm									
3	-3M0-61	51.3	12.9	2.4	14	8.3	12.7		
4	-4M0-61	53.6	13.7	2.4		9.9			
6	-6M0-61	57.7	15.3	4.8	16	11.5	10.2		
8	-8M0-61	61.0	16.2	6.4	18	13.1	11.2		
10	-10M0-61	63.7	17.2	7.9	22	16.3			
12	-12M0-61	71.0	22.8	9.5	24	19.5	12.7		
14	-14M0-61	72.5	24.4	11.1	27	22.5			
15	-15M0-61	72.5	24.4	11.9		22.8			
16	-16M0-61	72.5	24.4	12.7					
18	-18M0-61	78.9	24.4	15.1	30	26.0	16.8		
20	-20M0-61	84.5	26.0	15.9	35	29.0	19.0		
25	-25M0-61	96.0	31.3	21.8	41	34.0			
30	-30M0-61	124	39.6	26.2	50	40.5			
32	-32M0-61	128	42.0	28.6		42.5			
38	-38M0-61	145	49.4	33.7	60	50.5			

① Minimum panel thickness is 0.06 in.

Bulkhead Reducing Union



Tube OD		Basic Ordering Number	Dimensions						Panel Hole Size	Max Panel Thickness
T	Tx		A	D	Dx	E	F			
Dimensions, in.										
1/8	1/16	-200-61-1	1.85	0.50	0.34	0.05	1/2	21/64	0.50	
1/4	1/8	-400-61-2	2.17	0.60	0.50	0.09	5/8	29/64	0.40	
3/8	1/4	-600-61-4	2.39	0.66	0.60	0.19	3/4	37/64	0.44	
1/2	1/4	-810-61-4	2.63	0.90			15/16	49/64	0.50	

Bulkhead Reducing Union (Metric to Fractional)

Tube OD		Basic Ordering Number	Dimensions						Panel Hole Size	Max Panel Thickness
T	Tx, in.		A	D	Dx	E	F			
Dimensions, mm										
6	1/8	-6M0-61-2	55.1	15.3	12.7	2.4	16	11.5	10.2	

Refer to Installation Instructions, beginning on page 69.