

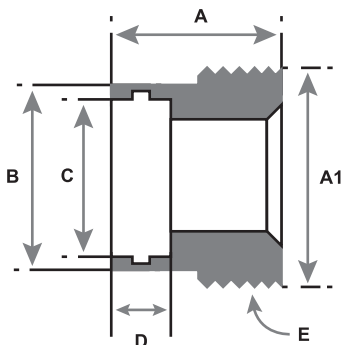
UNION THREADPIECE SILVER BRAZE

Specifcation: MIL-F-1183

Pressure Rating: 400 PSIG (WOG)

Intended for use with Class 200 or 700
Copper Nickel Tube IAW MIL-T-16420
Copper Tube IAW MIL-T-24107
Brass Tube IAW MIL-T-20168

SERVICE RATING TABLE				
Nominal Pipe Size (INCHES)	Maximum Working Pressure (LB/IN ²)	Maximum Temperature (°F)	Maximum Working Pressure (LB/IN ²)	Maximum Temperature (°F)
1/4 through 6	200	425	400	150
Above 6	150	425	250	150



BRONZE
ASTM B61 / QQ-C-390 / MIL-B-16541
(ALLOY C90300 / C92200)



AVAILABLE ALLOY: BRONZE

NOMINAL PIPE SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
SMI P/N	THBSB040	THBSB060	THBSB100	THBSB150	THBSB200	THBSB250	THBSB300	THBSB400
A	0.85 (+/- 0.02)	.94 (+/- 0.02)	.99 (+/- 0.02)	1.18 (+/- 0.02)	1.26 (+/- 0.02)	1.43 (+/- 0.02)	1.52 (+/- 0.02)	1.67 (+/- 0.02)
A1	1.0846 MIN - 1.0940 MAX	1.2697 MIN - 1.2800 MAX	1.4764 MIN - 1.4867 MAX	1.8172 MIN - 1.8293 MAX	2.1471 MIN - 2.1592 MAX	2.5821 MIN - 2.590 MAX	2.9021 MIN - 2.9150 MAX	3.5020 MIN - 3.5149 MAX
B	0.700	0.855	1.020	1.250	1.535	1.900	2.160	2.675
C	0.540 MIN - 0.543 MAX	0.675 MIN - 0.678 MAX	0.840 MIN - 0.843 MAX	1.050 MIN - 1.053 MAX	1.315 MIN - 1.318 MAX	1.660 MIN - 1.663 MAX	1.900 MIN - 1.905 MAX	2.375 MIN - 2.380 MAX
D	17/64	5/16	3/8	13/32	7/16	1/2	5/8	21/32
E	16-UNS	14-UNS	14-UNS	11-UNS	11-UNS	10-UNS	10-UNS	10-UNS

NOTES: Brazing rings IAW QQ-B-654, BCuP-5 are to be used with grooved fitting ends.
Fittings may be ordered with reduced ends.