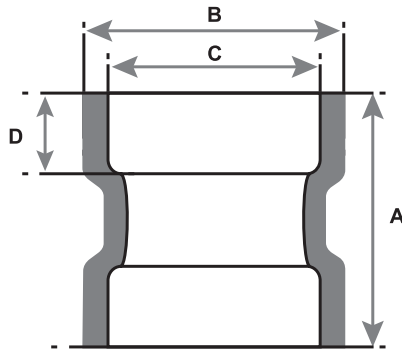


COUPLING SOCKET WELD

Specification: NAVSEA DWG 803-6397430
Pressure Rating: 400 PSIG (WOG)

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

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



70/30 CUNI
(ALLOY C715/C964)



90/10 CUNI
(ALLOY C706/C962)

AVAILABLE ALLOYS: CUNI 90/10 & CUNI 70/30

NOMINAL PIPE SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"
SMI P/N (90/10)	CO9SW040	CO9SW060	CO9SW100	CO9SW150	CO9SW200	CO9SW250	CO9SW300	CO9SW400	CO9SW450	CO9SW500	CO9SW550	CO9SW600
SMI P/N (70/30)	CO7SW040	CO7SW060	CO7SW100	CO7SW150	CO7SW200	CO7SW250	CO7SW300	CO7SW400	CO7SW450	CO7SW500	CO7SW550	CO7SW600
A	.97 +/- .08	1.05 +/- .100	1.29 +/- .120	1.43 +/- .120	1.68 +/- .140	1.86 +/- .140	1.92 +/- .160	2.2 +/- .160	2.88 +/- .200	3.18 +/- .200	3.43 +/- .200	3.69 +/- .240
B	0.945	1.096	1.275	1.503	1.780	2.129	2.387	2.908	3.408	4.041	4.541	5.097
C	.545 (+/- .030)	.680 (+/- .030)	.845 (+/- .030)	1.055 (+/- .030)	1.320 (+/- .030)	1.665 (+/- .030)	1.905 (+/- .030)	2.380 (+/- .046)	2.880 (+/- .051)	3.505 (+/- .055)	4.005 (+/- .055)	4.505 (+/- .060)
D	25/94	5/16	3/8	13/32	7/16	1/2	5/8	23/35	25/32	77/93	7/8	29/32

NOTES: Fittings may be ordered with reduced ends and/or female threads.