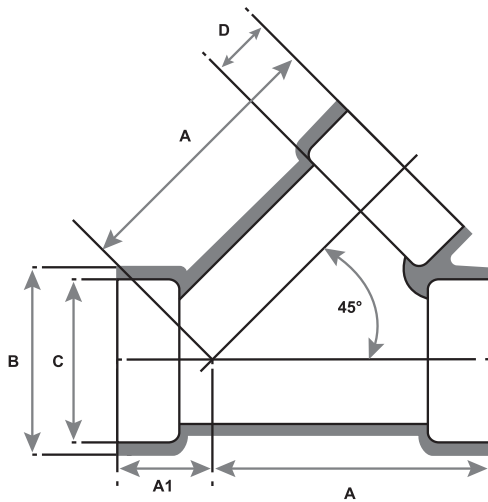


LATERAL SOCKET WELD

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

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

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)	L9SW040	L9SW060	L9SW100	L9SW150	L9SW200	L9SW250	L9SW300	L9SW400	L9SW450	L9SW500	L9SW550	L9SW600
SMI P/N (70/30)	L7SW040	L7SW060	L7SW100	L7SW150	L7SW200	L7SW250	L7SW300	L7SW400	L7SW450	L7SW500	L7SW550	L9SW600
A	1.070	1.280	1.580	1.900	2.330	2.830	3.140	3.760	4.730	5.550	6.250	6.970
A1	0.430	0.500	0.610	0.720	0.850	1.020	1.100	1.240	1.520	1.710	1.850	2.010
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.