



CUNIMET[®]
ALLOYS PVT. LTD.

CUNIMET ALLOYS PVT. LTD.
Plot No.17A Parshwa Industries Park ,
Behind New Gidc, Dehari
Umbergaon 396170
www.cunimet.com,
sales@cunimet.com

45° ELBOW SOCKET WELD

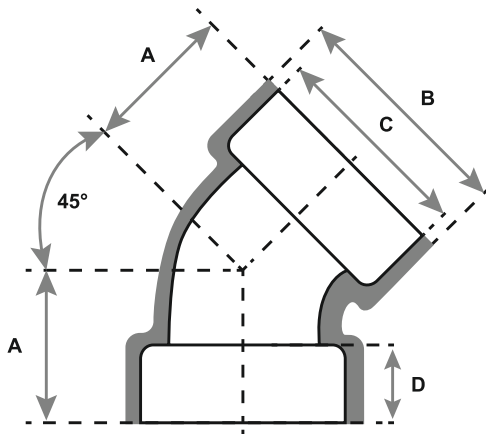
Specification: NAVSEA DWG 803-6397430

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"
P/N (90/10)	49SW040	49SW060	49SW100	49SW150	49SW200	49SW250	49SW300	49SW400	49SW450	49SW500	49SW550	49SW600
P/N (70/30)	47SW040	47SW060	47SW100	47SW150	47SW200	47SW250	47SW300	47SW400	47SW450	47SW500	47SW550	47SW600
A	0.560	0.630	0.780	0.890	1.060	1.220	1.300	1.450	1.950	2.170	2.390	2.610
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.



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