

# 90° ELBOW LONG RADIUS

## BUTT WELD

SPECIFICATION: NAVSEA DWG 810-1385880

PRESSURE RATING: 200 PSIG (WOG)

INTENDED FOR USE WITH CLASS 200  
COPPER NICKEL TUBE IAW MIL-T-16420

SERVICE RATING TABLE

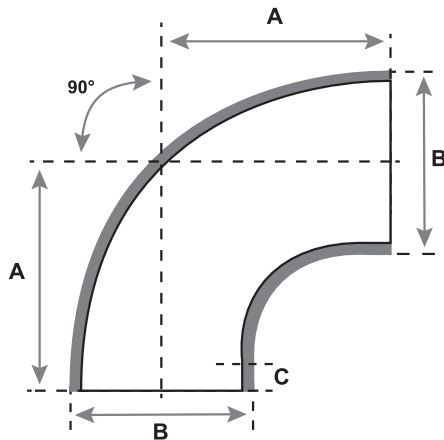
Nominal Pipe Size (INCHES)	Maximum Working Pressure (LB/IN <sup>2</sup> )	Maximum Temperature (F°)
1/4 through 12	200	150



90/10 CUNI  
(ALLOY C70600)



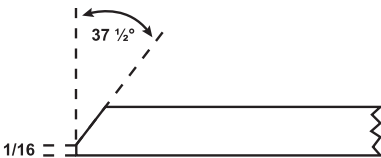
70/30 CUNI  
(ALLOY C71500)



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

NOMINAL PIPE SIZE	A	B	C MIN
1/4	1.28	0.540	0.28
3/8	1.63	0.675	0.38
1/2	1.94	0.840	0.44
3/4	1.59	1.050	0.47
1	2.00	1.315	0.50
1 1/4	2.44	1.660	0.56
1 1/2	2.94	1.900	0.69
2	3.72	2.375	0.72
2 1/2	4.63	2.875	0.88
3	5.41	3.500	0.91
3 1/2	6.25	4.000	0.94
4	6.97	4.500	0.97
5	8.59	5.563	1.09
6	10.17	6.625	1.17
8	13.38	8.625	1.38
10	16.56	10.750	1.56
12	19.69	12.750	1.69

EDGE PREPARATION FOR WELDING



Square edge for 0.095 wall or lighter.  
For heavier than 0.095 wall, beveled as shown.

NOTES: Fittings may be ordered with reduced ends.  
Sizes not shown may be available upon request.  
All sizes are in inches.