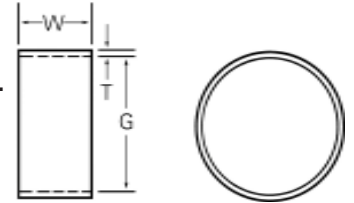


Copper-Nickel Butt Welding Fittings

Class 200 Sleeves- NAVSEA 810-1385880, Revision D

- UNS Designation Numbers: 90-10 (UNS C70600) and 70-30 (UNS C71500).
- Nominal Chemicals 90-10: Copper 88.6%, Nickel 10.0%, Iron 1.4%.
- Nominal Chemicals 70-30: Copper 69.5%, Nickel 30.0%, Iron 0.5%.



Nominal Pipe Size	Inside Diameter G (Min)	Weight	Class 200				Class 50		
			W	Minimum Thickness T	90-10 Part Number	70-30 Part Number	Minimum Thickness T	Weight	90-10 Part Number
1/4	.540	.02	17/32	.065	128882	481418			
3/8	.675	.03	5/8	.065	111445	481434			
1/2	.840	.04	3/4	.065	128866	402197			
3/4	1.050	.06	13/16	.065	111479	472833			
1	1.315	.08	7/8	.072	128905	128921			
1 1/4	1.660	.10	1	.072	128955	128971			
1 1/2	1.900	.20	1 1/4	.083	128997	129016			
2	2.375	.30	1 5/16	.083	129032	129058			
2 1/2	2.875	.50	1 9/16	.095	129074	111314			
3	3.500	.60	1 21/32	.095	129090	129113			
3 1/2	4.000	.70	1 3/4	.109	111398	470459			
4	4.500	1	1 13/16	.125	129139	129155			
5	5.563	2	2 1/16	.134	129171	129197			
6	6.625	2	2 7/32	.134	129210	111330			
8	8.625	4	2 5/8	.187	129236	243103			
10	10.75	8	3	.250	129252	111364	.134	5	465894
12	12.75	11	3 1/4	.250	129278	273768	.156	7	465909
14	14.00	11	3	.250	129286	293653	.165	7	437184
16	16.00	12	3	.250	129309	473643	.165	8	456625
18	18.00	14	3	.250	433774	481450	.180	10	437192
20	20.00	19	3	.250	481484	481492	.180	14	437948
22	22.00	19	3	.250	437859	481468			
24	24.00	20	3	.250	437867	481476			

Dimensions are in inches.
Specifications: pg. 60. Tolerances: pg. 58.