

# Copper-Nickel Butt Welding Fittings

## Reducing Tees - NAVSEA 810-1385880, Revision D (continued)

Nominal Pipe Size	OD	K*	M	C (Min)	G (Min)	E	Q	Nominal Wall	Weight	90-10 Part Number	70-30 Part Number	
6 x 6 x 2	6.625 x 6.625 x 2.375	5 5/8	4 13/16	1 11/64	21/32	5 5/8	4 3/4	.134	10	231033	478669	
		5 5/8	5 1/16	1 11/64	25/32	5 5/8	4 3/4	.134	10	128670	478685	
		x 3	5 5/8	5	1 11/64	27/32	5 5/8	4 7/8	.134	10	128696	478708
		x4.0	5 5/8	5 1/16	1 11/64	7/8	5 5/8	5	.134	10	128719	478716
		x4.5	5 5/8	5 1/8	1 11/64	29/32	5 5/8	5 1/8	.134	10.5	128735	111746
8 x 8 x 2 1/2	8.625 x 8.625 x 2.875	5 5/8	5 3/8	1 11/64	1 1/32	5 5/8	5 3/8	.134	11	128751	259502	
		7	5 7/8	1 3/8	25/32	7	6	.148	20	128638	478724	
		7	6	1 3/8	27/32	7	6	.148	20	272958	466793	
		7	6 1/16	1 3/8	7/8	7	6	.148	20	128468	478732	
		x5	7	6 1/8	1 3/8	29/32	7	6 1/8	.148	20.5	128442	471683
10 x 10 x 3	10.75 x 10.75 x 3.5	7	6 3/8	1 3/8	1 1/32	7	6 3/8	.148	21	128426	406599	
		x6.625	7	6 9/16	1 3/8	1 1/8	7	6 5/8	.148	21.5	128400	454649
		8 1/2	7 1/16	1 9/16	27/32	8 1/2	7 1/4	.187	41	231025	478740	
		x4.5	8 1/2	7 3/16	1 9/16	29/32	8 1/2	7 1/4	.187	41	128573	259497
		8 1/2	7 7/16	1 9/16	1 1/32	8 1/2	7 1/2	.187	42	128531	462244	
12 x 12 x 5	12.75 x 12.75 x 5.562	x6.625	8 1/2	7 5/8	1 9/16	1 1/8	8 1/2	7 5/8	.187	43	128557	439071
		8 1/2	8	1 9/16	1 5/16	8 1/2	8	.187	44	128387	478758	
		10	8 7/16	1 11/16	1 1/32	10	8 1/2	.250	74	128612	478766	
		x 6	10	8 5/8	1 11/16	1 1/8	10	8 5/8	.250	76	128599	478774
		10	9	1 11/16	1 5/16	10	9	.250	78	128361	478782	
14 x 14 x 6	14 x 14 x 6.625	10	9 3/8	1 11/16	1 1/2	10	9 1/2	.250	81	128345	473009	
		x 8	11	9 3/8	1/2	1 1/8	11	9 3/8	.250	80	461921	478805
		x 10	11	9 3/4	1/2	1 5/16	11	9 3/4	.250	82	437998	478813
		x10.75	11	10 1/8	1/2	1 1/2	11	10 1/8	.250	84	436722	478839
		11	10 5/8	1/2	1 5/8	11	10 5/8	.250	86	436730	478855	
16 x 16 x 8	16 x 16 x 8.625	12	10 3/4	1/2	1 5/16	12	10 3/4	.250	102	478889	478902	
		x 10	12	11 1/8	1/2	1 1/2	12	11 1/8	.250	105	445632	473449
		12	11 5/8	1/2	1 5/8	12	11 5/8	.250	107	439089	478928	
		12	12	1/2	1 1/2	12	12	.250	109	293394	478944	
		13 1/2	12 1/8	1/2	1 1/2	13 1/2	12 1/8	.250	127	562264		
18 x 18 x 10	18 x 18 x 10.75	x 12	13 1/2	12 5/8	1/2	1 5/8	13 1/2	12 5/8	.250	130		
		13 1/2	13	1/2	1 1/2	13 1/2	13	.250	133			
		x 16	13 1/2	13	1/2	1 1/2	13 1/2	13	.250	135		
		15	13 5/8	1/2	1 5/8	15	13 5/8	.250	153			
		x 14	15	14	1/2	1 1/2	15	14	.250	156		
20 x 20 x 12	20 x 20 x 12.75	x 16	15	14	1/2	1 1/2	15	14	.250	158		
		15	14 1/2	1/2	1 1/2	15	14 1/2	.250	160	469018		
		17	16	1/2	1 1/2	17	16	.250	204			
		17	16	1/2	1 1/2	17	16	.250	208			
		17	16 1/2	1/2	1 1/2	17	16 1/2	.250	211			
24 x 24 x 14	24 x 24 x 14	17	17	1/2	1 1/2	17	17	.250	214			
		22	19 1/2	1/2	1 1/2	22	19 1/2	.250	256			
		x 24	22	20	1/2	1 1/2	22	20	.250	261		
		22	21	1/2	1 1/2	22	21	.250	267			
		26 1/2	23	1/2	1 1/2	26 1/2	23	.250	306			
36 x 36 x 20	36 x 36 x 20	x 24	26 1/2	24	1/2	1 1/2	26 1/2	24	.250	314		
		x 30	26 1/2	25	1/2	1 1/2	26 1/2	25	.250	322		

Note: Sizes and reductions not shown are available. Dimensions are in inches. All weights are approximate. Specifications: pg. 60. Tolerances: pg. 58.

Sizes not shown may be available upon request. Available in "regular" thickness (similar to Schedule 40s).

\* ANSI B16.9 dimensions. For sizes 26" and larger, outlet dimension "K" is recommended, but not mandatory.