

ISO 9001 & PED Certified  
Canadian Registered in all provinces

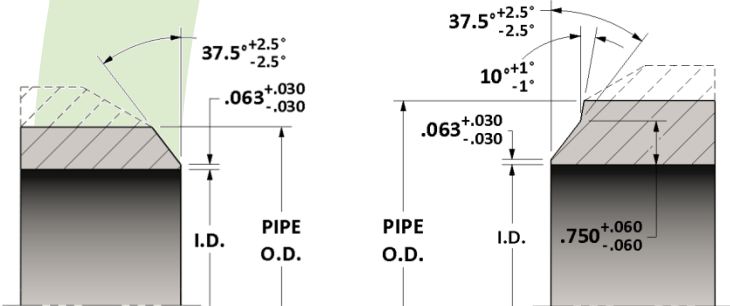
# Butt Weld Reducer

**Specification:** Dimensions per ASME B16.9  
Weld levels per ASME B16.25

**Material:** Available in a complete range of Carbon Steels, Stainless Steels, Alloy Steels and Non-ferrous metals certified to ASTM, ASME, and Military standards.

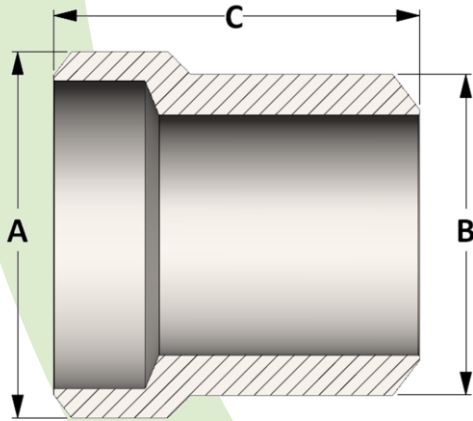
**Sizes:** 1/4" - 8" in S40/STD, S80/XH, S160 & XXH  
Also available in special pipe schedules and split schedules

## Butt Weld Ends Details



Weld levels for wall thickness below 0.880"

Weld levels for wall thickness above 0.880"



Active  
**3D**  
Model



All dimensions are in inches • Weights are based on Carbon Steel

Pipe Size		Dimensions			Weights			
		A	B	C	STD	XH	S160	XXH
1/2	1/4	0.840	0.540	1.500	0.09	0.12	0.14	0.17
	3/8	0.840	0.675	1.500	0.09	0.13	0.15	0.19
3/4	1/4	1.050	0.540	1.500	0.13	0.18	0.21	0.25
	3/8	1.050	0.675	1.500	0.13	0.18	0.21	0.26
1	1/2	1.050	0.840	1.500	0.13	0.18	0.22	0.28
	1/4	1.315	0.540	2.000	0.23	0.31	0.37	0.48
1	3/8	1.315	0.675	2.000	0.23	0.31	0.37	0.49
	1/2	1.315	0.840	2.000	0.24	0.32	0.39	0.51
1	3/4	1.315	1.050	2.000	0.25	0.33	0.42	0.54
	1/4	1.660	0.540	2.000	0.35	0.48	0.54	0.66
1-1/4	3/8	1.660	0.675	2.000	0.34	0.47	0.54	0.67
	1/2	1.660	0.840	2.000	0.35	0.48	0.55	0.69
1-1/4	3/4	1.660	1.050	2.000	0.34	0.47	0.57	0.71
	1	1.660	1.315	2.000	0.36	0.48	0.60	0.78
1-1/2	3/8	1.900	0.675	2.500	0.50	0.68	0.79	1.04
	1/2	1.900	0.840	2.500	0.51	0.68	0.81	1.07
1-1/2	3/4	1.900	1.050	2.500	0.50	0.68	0.84	1.09
	1	1.900	1.315	2.500	0.52	0.70	0.88	1.16
1-1/2	1-1/4	1.900	1.660	2.500	0.54	0.72	0.92	1.25
	3/4	2.375	1.050	3.000	0.94	1.25	1.55	1.78
2	1	2.375	1.315	3.000	0.94	1.25	1.58	1.85
	1-1/4	2.375	1.660	3.000	0.91	1.23	1.57	1.94
2	1-1/2	2.375	1.900	3.000	0.90	1.22	1.63	2.02

Pipe Size		Dimensions			Weights			
		A	B	C	STD	XH	S160	XXH
2-1/2	3/4	2.875	1.050	3.500	1.55	2.00	2.32	2.97
	1	2.875	1.315	3.500	1.54	2.00	2.36	3.05
2-1/2	1-1/4	2.875	1.660	3.500	1.50	1.97	2.34	3.12
	1-1/2	2.875	1.900	3.500	1.47	1.95	2.41	3.18
2-1/2	2	2.875	2.375	3.500	1.44	1.95	2.64	3.36
	1	3.500	1.315	3.500	2.32	2.97	3.52	4.39
3	1-1/4	3.500	1.660	3.500	2.22	2.89	3.45	4.40
	1-1/2	3.500	1.900	3.500	2.15	2.83	3.47	4.41
3	2	3.500	2.375	3.500	2.03	2.73	3.58	4.48
	2-1/2	3.500	2.875	4.000	2.14	2.86	3.70	4.93
3-1/2	1-1/2	4.000	1.900	4.000	3.00	3.90	---	5.93
	2	4.000	2.375	4.000	2.83	3.77	---	6.01
3-1/2	2-1/2	4.000	2.875	4.000	2.93	3.91	---	6.52
	3	4.000	3.500	4.000	2.91	3.97	---	7.01
4	1-1/2	4.500	1.900	4.500	3.91	5.03	6.57	7.90
	2	4.500	2.375	4.500	3.67	4.82	6.56	7.83
4	2-1/2	4.500	2.875	4.500	3.66	4.85	6.48	8.15
	3	4.500	3.500	4.500	3.50	4.75	6.65	8.34
4	3-1/2	4.500	4.000	4.500	3.47	4.79	---	8.64
	3	6.625	3.500	5.500	9.83	12.28	17.34	20.52
6	3-1/2	6.625	4.000	5.500	8.96	11.97	---	20.53
	4	6.625	4.500	5.500	8.61	11.75	17.46	20.69
6	5	6.625	5.563	5.500	8.22	11.72	18.42	21.54