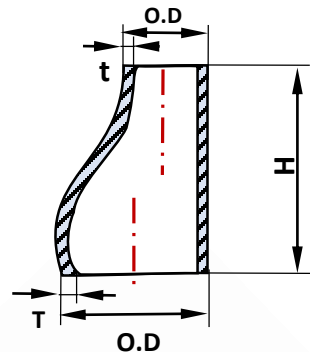
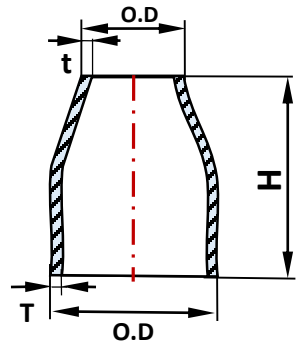


Butt Weld Concentric & Eccentric Reducer



Nominal Pipe Size (Large end x Small end)	Outside Diameter Large End (O.D.)	Outside Diameter Small End (O.D.)	Length (H)	SCH10s					SCH40s					SCH80s				
				Inside Diameter Large End (I.D.)	Inside Diameter Small End (I.D.)	Wall Thickness Large End (T)	Wall Thickness Small End (t)	Approx. Weight	Inside Diameter Large End (I.D.)	Inside Diameter Small End (I.D.)	Wall Thickness Large End (T)	Wall Thickness Small End (t)	Approx. Weight	Inside Diameter Large End (I.D.)	Inside Diameter Small End (I.D.)	Wall Thickness Large End (T)	Wall Thickness Small End (t)	Approx. Weight
½ x ½	26.67	21.34	38.10	22.45	17.12	2.11	2.11	0.10	20.93	15.80	2.87	2.77	0.14	18.85	13.87	3.91	3.73	0.18
1 x ½	33.40	21.34	50.80	27.86	17.12	2.77	2.11	0.12	26.64	15.80	3.38	2.77	0.15	24.31	13.87	4.55	3.73	0.20
1 X ¾	33.40	26.67	50.80	27.86	22.45	2.77	2.11	0.13	26.64	20.93	3.38	2.87	0.16	24.31	18.85	4.55	3.91	0.22
1 ¼ x ¾	42.16	21.34	50.80	36.63	17.12	2.77	2.11	0.16	35.05	15.80	3.56	2.77	0.21	32.46	13.87	4.85	3.73	0.24
1 ¼ x 1	42.16	26.67	50.80	36.63	22.45	2.77	2.11	0.18	35.05	20.93	3.56	2.87	0.22	32.46	18.85	4.85	3.91	0.25
1 ½ x 1	42.16	33.40	50.80	36.63	27.86	2.77	2.77	0.18	35.05	26.64	3.56	3.38	0.22	32.46	24.31	4.85	4.55	0.27
1 ½ x 1 ½	48.26	21.34	63.50	42.72	17.12	2.77	2.11	0.17	40.89	15.80	3.68	2.77	0.23	38.10	13.87	5.08	3.73	0.31
1 ½ x ¾	48.26	26.67	63.50	42.72	22.45	2.77	2.11	0.18	40.89	20.93	3.68	2.87	0.24	38.10	18.85	5.08	3.91	0.32
1 ½ x 1	48.26	33.40	63.50	42.72	27.86	2.77	2.77	0.20	40.89	26.64	3.68	3.38	0.26	38.10	24.31	5.08	4.55	0.34
1 ½ x 1 ½	48.26	42.16	63.50	42.72	36.63	2.77	2.77	0.21	40.89	35.05	3.68	3.56	0.28	38.10	32.46	5.08	4.85	0.36
2 x ¾	60.33	26.67	76.20	54.79	22.45	2.77	2.11	0.25	52.50	20.93	3.91	2.87	0.36	49.25	18.85	5.54	3.91	0.50
2 x 1	60.33	33.40	76.20	54.79	27.86	2.77	2.77	0.28	52.50	26.64	3.91	3.38	0.40	49.25	24.31	5.54	4.55	0.54
2 x 1 ¼	60.33	42.16	76.20	54.79	36.63	2.77	2.77	0.30	52.50	35.05	3.91	3.56	0.44	49.25	32.46	5.54	4.85	0.58
2 x 1 ½	60.33	48.26	76.20	54.79	42.72	2.77	2.77	0.31	52.50	40.89	3.91	3.68	0.45	49.25	38.10	5.54	5.08	0.59
2 ½ x 1	73.03	33.40	88.90	66.93	27.86	3.05	2.77	0.38	62.71	26.64	5.16	3.38	0.64	59.00	24.31	7.01	4.55	0.87
2 ½ x 1 ¼	73.03	42.16	88.90	66.93	36.63	3.05	2.77	0.43	62.71	35.05	5.16	3.56	0.73	59.00	32.46	7.01	4.85	0.90
2 ½ x 1 ½	73.03	48.26	88.90	66.93	42.72	3.05	2.77	0.44	62.71	40.89	5.16	3.68	0.73	59.00	38.10	7.01	5.08	0.94
2 ½ x 2	73.03	60.33	88.90	66.93	54.79	3.05	2.77	0.47	62.71	52.50	5.16	3.91	0.79	59.00	49.25	7.01	5.54	1.03
3 x 1	88.90	33.40	88.90	82.80	27.86	3.05	2.77	0.47	77.93	26.64	5.49	3.38	0.82	73.66	24.31	7.62	4.55	1.08
3 x 1 ¼	88.90	42.16	88.90	82.80	36.63	3.05	2.77	0.47	77.93	35.05	5.49	3.56	0.84	73.66	32.46	7.62	4.85	1.14
3 x 1 ½	88.90	48.26	88.90	82.80	42.72	3.05	2.77	0.51	77.93	40.89	5.49	3.68	0.94	73.66	38.10	7.62	5.08	1.21
3 x 2	88.90	60.33	88.90	82.80	54.79	3.05	2.77	0.55	77.93	52.50	5.49	3.91	1.00	73.66	49.25	7.62	5.54	1.29
3 x 2 ½	88.90	73.03	88.90	82.80	66.93	3.05	3.05	0.59	77.93	62.71	5.49	5.16	1.08	73.66	59.00	7.62	7.01	1.49
3 ½ x 1 ¼	101.60	42.16	101.60	95.50	36.63	3.05	2.77	0.62	90.12	35.05	5.74	3.56	1.18	85.45	32.46	8.08	4.85	1.60
3 ½ x 1 ½	101.60	48.26	101.60	95.50	42.72	3.05	2.77	0.66	90.12	40.89	5.74	3.68	1.25	85.45	38.10	8.08	5.08	1.67
3 ½ x 2	101.60	60.33	101.60	95.50	54.79	3.05	2.77	0.71	90.12	52.50	5.74	3.91	1.35	85.45	49.25	8.08	5.54	1.76
3 ½ x 2 ½	101.60	73.03	101.60	95.50	66.93	3.05	3.05	0.78	90.12	62.71	5.74	5.16	1.47	85.45	59.00	8.08	7.01	1.91
3 ¾ x 3	101.60	88.90	101.60	95.50	82.80	3.05	3.05	0.80	90.12	77.93	5.74	5.49	1.52	85.45	73.66	8.08	7.62	2.02
4 x 1 ¼	114.30	48.26	101.60	108.20	42.72	3.05	2.77	0.68	102.26	40.89	6.02	3.68	1.36	97.18	38.10	8.56	5.08	1.90
4 x 2	114.30	60.33	101.60	108.20	54.79	3.05	2.77	0.78	102.26	52.50	6.02	3.91	1.57	97.18	49.25	8.56	5.54	1.95
4 x 2 ½	114.30	73.03	101.60	108.20	66.93	3.05	3.05	0.83	102.26	62.71	6.02	5.16	1.66	97.18	59.00	8.56	7.01	2.19
4 x 3	114.30	88.90	101.60	108.20	82.80	3.05	3.05	0.87	102.26	77.93	6.02	5.49	1.74	97.18	73.66	8.56	7.62	2.33
4 x 3 ½	114.30	101.60	101.60	108.20	95.50	3.05	3.05	0.90	102.26	90.12	6.02	5.74	1.80	97.18	85.45	8.56	8.08	2.42
5 x 2	141.81	60.33	127.00	134.49	54.79	3.40	2.77	1.28	128.19	52.50	6.55	3.91	2.52	122.25	49.25	9.53	5.54	3.29
5 x 2 ½	141.81	73.03	127.00	134.49	66.93	3.40	3.05	1.40	128.19	62.71	6.55	5.16	2.75	122.25	59.00	9.53	7.01	3.60
5 x 3	141.81	88.90	127.00	134.49	82.80	3.40	3.05	1.45	128.19	77.93	6.55	5.49	2.85	122.25	73.66	9.53	7.62	3.88
5 x 3 ½	141.81	101.60	127.00	134.49	95.50	3.40	3.05	1.49	128.19	90.12	6.55	5.74	2.93	122.25	85.45	9.53	8.08	3.99
5 x 4	141.81	114.30	127.00	134.49	108.20	3.40	3.05	1.49	128.19	102.26	6.55	6.02	2.98	122.25	97.18	9.53	8.56	4.13
6 x 2 ½	168.28	73.03	139.70	161.47	66.93	3.40	3.05	1.52	154.05	62.71	7.11	5.16	3.80	146.33	59.00	10.97	7.01	4.94
6 x 3	168.28	88.90	139.70	161.47	82.80	3.40	3.05	1.82	154.05	77.93	7.11	5.49	3.98	146.33	73.66	10.97	7.62	5.51
6 x 3 ½	168.28	101.60	139.70	161.47	95.50	3.40	3.05	1.91	154.05	90.12	7.11	5.74	4.05	146.33	85.45	10.97	8.08	5.75
6 x 4	168.28	114.30	139.70	161.47	108.20	3.40	3.05	1.95	154.05	102.26	7.11	6.02	4.08	146.33	97.18	10.97	8.56	5.96
6 x 5	168.28	141.30	139.70	161.47	134.49	3.40	3.40	2.02	154.05	128.19	7.11	6.55	4.40	146.33	122.25	10.97	9.53	6.26
8 x 3 ½	219.08	101.60	152.40	211.56	80.26	3.76	3.05	2.94	202.72	90.12	8.18	5.74	6.30	193.68	85.45	12.70	8.08	7.99
8 x 4	219.08	114.30	152.40	211.56	108.20	3.76	3.05	3.01	202.72	102.26	8.18	6.02	6.55	193.68	97.18	12.70	8.56	9.24
8 x 5	219.08	141.30	152.40	211.56	134.49	3.76	3.40	3.08	202.72	128.19	8.18	6.55	6.70	193.68	122.25	12.70	9.53	9.67
8 x 6	219.08	168.28	152.40	211.56	161.47	3.76	3.40	3.19	202.72	154.05	8.18	7.11	6.94	193.68	146.33	12.70	10.97	10.12
10 x 4	273.05	114.30	177.80	264.67	108.20	4.19	3.05	4.73	254.51	102.26	9.27	6.02	10.51	247.65	97.18	12.70	8.56	12.56
10 x 5	273.05	141.30	177.80	264.67	134.49	4.19	3.40	4.89	254.51	128.19	9.27	6.55	10.87	247.65	122.25	12.70	9.53	14.24
10 x 6	273.05	168.28	177.80	264.67	161.47	4.19	3.40	5.00	254.51	154.05	9.27	7.11	11.12	247.65	146.33	12.70	10.97	14.78
10 x 8	273.05	219.08	177.80	264.67	211.56	4.19	3.76	5.20	254.51	202.72	9.27	8.18	11.56	247.65	193.68	12.70	12.70	15.59
12 x 5	323.85	141.30	203.20	314.71	134.49	4.57	3.40	7.29	304.80	128.19	9.53	6.55	15.19	298.45	122.25	12.70	9.53	19.40
12 x 6	323.85	168.28	203.20	314.71	161.47	4.57	3.40	7.43	304.80	154.05	9.53	7.11	15.48	298.45	146.33	12.70	10.97	20.15
12 x 8	323.85	219.08	203.20	314.71	211.56	4.57	3.76	7.67	304.80	202.72	9.53	8.18	15.98	298.45	193.68	12.70	12.70	20.89
12 x 10	323.85	273.05	203.20	314.71	264.67	4.57	4.19	7.98	304.80	254.51	9.53	9.27	16.63	298.45	247.65	12.70	12.70	21.64
14 x 6	355.60	168.28	330.20	346.05	161.47	4.78	3.40	13.15	336.55	154.05	9.53	7.11	26.31	330.20	146.33	12.70	10.97	35.29
14 x 8	355.60	219.08	330.20	346.05	211.56	4.78	3.76	13.88	336.55	202.72	9.53	8.18	27.77	330.20	193.68	12.70	12.70	36.84
14 x 10	355.60	273.05	330.20	346.05	264.67	4.78	4.19	14.41	336.55	254.51	9.53	9.27	28.83	330.20	247.65	12.70	12.70	38.74
14 x 12	355.60	323.85	330.20	346.05	314.71	4.78	4.57	15.29	336.55	304.80	9.53	9.53	30.58	330.20	298.45	12.70	12.70	40.36
16 x 8	406.40	219.08	355.60	396.85	211.56	4.78	3.76	16.70	387.35	202.72	9.53	8.18	33.39	381.00	193.68	12.70	12.70	44.22
16 x 6	406.40	273.05	355.60	396.85	264.67	4.78	4.19	17.72	387.35	254.51	9.53	9.27	35.43	381.00	247.65	12.70	12.70	46.27
16 x 10	406.40	323.85	355.60	396.85	314.71	4.78	4.57	18.35										