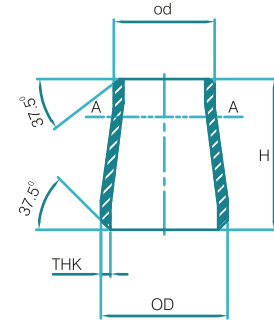
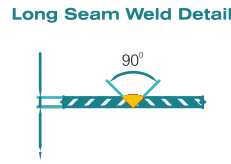
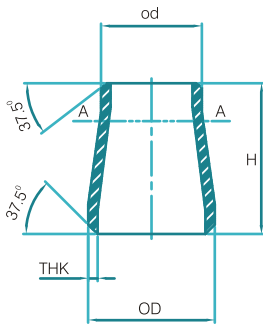


Reducer

CONCENTRIC & ECCENTRIC REDUCERS



WELDED CONCENTRIC REDUCER

SEAMLESS CONCENTRIC REDUCER

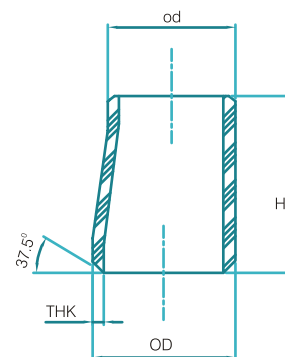
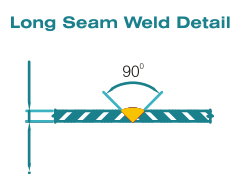
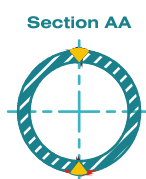
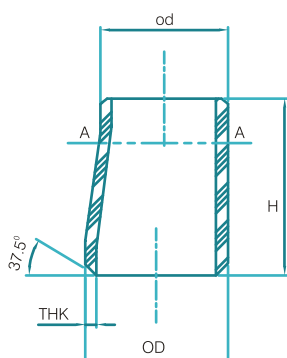
Inches	NB	SCH5		SCH10		SCH20		SCH30		STD		SCH40		SCH80	
		THK	FORMS	THK	FORMS	THK	FORMS	THK	FORMS	THK	FORMS	THK	FORMS	THK	FORMS
3/4 x 1/2	20NB x 15NB	1.65	s/w	2.11	s/w	-	-	2.41	s/w	2.77	w	2.77	s/w	3.91	s/w
3/4 x 3/8	20NB x 10NB	1.65	s/w	2.11	s/w	-	-	2.41	s/w	2.77	w	2.77	s/w	3.91	s/w
1 x 3/4	25NB x 20NB	1.65	s/w	2.11	s/w	-	-	2.9	s/w	3.38	w	3.38	s/w	4.55	s/w
1 x 1/2	25NB x 15NB	1.65	s/w	2.11	s/w	-	-	2.9	s/w	3.38	w	3.38	s/w	4.55	s/w
1 1/4 x 1	32NB x 25NB	1.65	s/w	2.77	s/w	-	-	2.97	s/w	3.56	w	3.56	s/w	4.85	s/w
1 1/4 x 3/4	32NB x 20NB	1.65	s/w	2.77	s/w	-	-	2.97	s/w	3.56	w	3.56	s/w	4.85	s/w
1 1/4 x 1/2	32NB x 15NB	1.65	s/w	2.77	s/w	-	-	2.97	s/w	3.56	w	3.56	s/w	4.85	s/w
1 1/2 x 1 1/4	40NB x 32NB	1.65	s/w	2.77	s/w	-	-	3.18	s/w	3.68	w	3.68	s/w	5.08	s/w
1 1/2 x 1	40NB x 25NB	1.65	s/w	2.77	s/w	-	-	3.18	s/w	3.68	w	3.68	s/w	5.08	s/w
1 1/2 x 3/4	40NB x 20NB	1.65	s/w	2.77	s/w	-	-	3.18	s/w	3.68	w	3.68	s/w	5.08	s/w
1 1/2 x 1/2	40NB x 15NB	1.65	s/w	2.77	s/w	-	-	3.18	s/w	3.68	w	3.68	s/w	5.08	s/w
2 x 1 1/2	50NB x 40NB	1.65	s/w	2.77	s/w	-	-	3.18	s/w	3.91	w	3.91	s/w	5.54	s/w
2 x 1 1/4	50NB x 32NB	1.65	s/w	2.77	s/w	-	-	3.18	s/w	3.91	w	3.91	s/w	5.54	s/w
2 x 1	50NB x 25NB	1.65	s/w	2.77	s/w	-	-	3.18	s/w	3.91	w	3.91	s/w	5.54	s/w
2 x 3/4	50NB x 20NB	1.65	s/w	2.77	s/w	-	-	3.18	s/w	3.91	w	3.91	s/w	5.54	s/w
2 1/2 x 2	65NB x 50NB	1.65	s/w	2.77	s/w	-	-	4.78	s/w	5.16	w	5.16	s/w	7.01	s/w
2 1/2 x 1 1/2	65NB x 40NB	1.65	s/w	2.77	s/w	-	-	4.78	s/w	5.16	w	5.16	s/w	7.01	s/w
2 1/2 x 1 1/4	65NB x 32NB	2.11	s/w	3.05	s/w	-	-	4.78	s/w	5.16	w	5.16	s/w	7.01	s/w
2 1/2 x 1	65NB x 25NB	2.11	s/w	3.05	s/w	-	-	4.78	s/w	5.16	w	5.16	s/w	7.01	s/w
3 x 2 1/2	80NB x 65NB	2.11	s/w	3.05	s/w	-	-	4.78	s/w	5.49	w	5.49	s/w	7.62	s/w
3 x 2	80NB x 50NB	2.11	s/w	3.05	s/w	-	-	4.78	s/w	5.49	w	5.49	s/w	7.62	s/w

S-Seamless ; W-Welded
 Applicable for pipes with BUTT weld ends only.
 Welded Construction available in either ERW construction (or) Fabricated Construction.

Note: Ref.Standard ASME B16.9.2003

Reducer

CONCENTRIC & ECCENTRIC REDUCERS



WELDED ECCENTRIC REDUCER

SEAMLESS ECCENTRIC REDUCER

Inches	NB	SCH5		SCH10		SCH20		SCH30		STD		SCH40		SCH80	
		THK	FORMS	THK	FORMS	THK	FORMS	THK	FORMS	THK	FORMS	THK	FORMS	THK	FORMS
3 x 1 1/2	80NB x 40NB	2.11	s/w	3.05	s/w	-	-	4.78	s/w	5.49	w	5.49	s/w	7.62	s/w
3 x 1 1/4	80NB x 32NB	2.11	s/w	3.05	s/w	-	-	4.78	s/w	5.49	w	5.49	s/w	7.62	s/w
3 1/2 x 3	90NB x 80NB	2.11	s/w	3.05	s/w	-	-	4.78	s/w	5.74	w	5.74	s/w	8.08	s/w
3 1/2 x 2 1/2	90NB x 65NB	2.11	s/w	3.05	s/w	-	-	4.78	s/w	5.74	w	5.74	s/w	8.08	s/w
3 1/2 x 2	90NB x 50NB	2.11	s/w	3.05	s/w	-	-	4.78	s/w	5.74	w	5.74	s/w	8.08	s/w
3 1/2 x 1 1/2	90NB x 40NB	2.11	s/w	3.05	s/w	-	-	4.78	s/w	5.74	w	5.74	s/w	8.08	s/w
3 1/2 x 1 1/4	90NB x 32NB	2.11	s/w	3.05	s/w	-	-	4.78	s/w	5.74	w	5.74	s/w	8.08	s/w
4 x 3 1/2	100NB x 90NB	2.11	s/w	3.05	s/w	-	-	4.78	s/w	6.02	w	6.02	s/w	8.56	s/w
4 x 3	100NB x 80NB	2.11	s/w	3.05	s/w	-	-	4.78	s/w	6.02	w	6.02	s/w	8.56	s/w
4 x 2 1/2	100NB x 65NB	2.11	s/w	3.05	s/w	-	-	4.78	s/w	6.02	w	6.02	s/w	8.56	s/w
4 x 2	100NB x 50NB	2.11	s/w	3.05	s/w	-	-	4.78	s/w	6.02	w	6.02	s/w	8.56	s/w
4 x 1 1/2	100NB x 40NB	2.11	s/w	3.05	s/w	-	-	4.78	s/w	6.02	w	6.02	s/w	8.56	s/w
5 x 4	125NB x 100NB	2.11	w	3.05	w	-	w	-	-	6.55	w	6.55	w	9.53	w
5 x 3 1/2	125NB x 90NB	2.77	w	3.4	w	-	w	-	-	6.55	w	6.55	w	9.53	w
5 x 3	125NB x 80NB	2.77	w	3.4	w	-	w	-	-	6.55	w	6.55	w	9.53	w
5 x 2 1/2	125NB x 65NB	2.77	w	3.4	w	-	w	-	-	6.55	w	6.55	w	9.53	w
5 x 2	125NB x 50NB	2.77	w	3.4	w	-	w	-	-	6.55	w	6.55	w	9.53	w
6 x 5	150NB x 125NB	2.77	w	3.4	w	-	w	-	-	7.11	w	7.11	w	10.97	w
6 x 4	150NB x 100NB	2.77	w	3.4	w	-	w	-	-	7.11	w	7.11	w	10.97	w
6 x 3 1/2	150NB x 90NB	2.77	w	3.4	w	-	-	-	-	7.11	w	7.11	w	10.97	w
6 x 3	150NB x 80NB	2.77	w	3.4	w	-	-	-	-	7.11	w	7.11	w	10.97	w

S-Seamless ; W-Welded

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Note: Ref.Standard ASME B16.9.2003

Reducer

CONCENTRIC & ECCENTRIC REDUCERS

Inches	NB	SCH5		SCH10		SCH20		SCH30		STD		SCH40		SCH80	
		THK	FORMS	THK	FORMS	THK	FORMS	THK	FORMS	THK	FORMS	THK	FORMS	THK	FORMS
6 x 2 1/2	150NB x 65NB	2.77	w	3.4	w	-	-	-	-	7.11	w	7.11	w	10.97	w
8 x 6	200NB x 150NB	2.77	w	3.76	w	6.35	w	7.04	w	8.18	w	8.18	w	12.70	w
8 X 5	200NB x 125NB	2.77	w	3.76	w	6.35	w	7.04	w	8.18	w	8.18	w	12.70	w
8 x 4	200NB x 100NB	2.77	w	3.76	w	6.35	w	7.04	w	8.18	w	8.18	w	12.70	w
8 x 3 1/2	200NB x 90NB	2.77	w	3.76	w	6.35	w	7.04	w	8.18	w	8.18	w	12.70	w
10 x 8	250NB x 200NB	3.40	w	4.19	w	6.35	w	7.80	w	9.27	w	9.27	w	15.09	w
10 x 6	250NB x 150NB	3.40	w	4.19	w	6.35	w	7.80	w	9.27	w	9.27	w	15.09	w
10 x 5	250NB x 125NB	3.40	w	4.19	w	6.35	w	7.80	w	9.27	w	9.27	w	15.09	w
10 x 4	250NB x 100NB	3.40	w	4.19	w	6.35	w	7.80	w	9.27	w	9.27	w	15.09	w
12 x 10	300NB x 250NB	3.96	w	4.57	w	6.35	w	8.38	w	9.53	w	10.31	w	17.48	w
12 x 8	300NB x 200NB	3.96	w	4.57	w	6.35	w	8.38	w	9.53	w	10.31	w	17.48	w
12 x 6	300NB x 150NB	3.96	w	4.57	w	6.35	w	8.38	w	9.53	w	10.31	w	17.48	w
12 x 5	300NB x 125NB	3.96	w	4.57	w	6.35	w	8.38	w	9.53	w	10.31	w	17.48	w
14 x 12	350NB x 300NB	3.96	w	6.35	w	7.92	w	9.53	w	9.53	w	11.13	w	19.05	w
14 x 10	350NB x 250NB	3.96	w	6.35	w	7.92	w	9.53	w	9.53	w	11.13	w	19.05	w
14 x 8	350NB x 200NB	3.96	w	6.35	w	7.92	w	9.53	w	9.53	w	11.13	w	19.05	w
14 x 6	350NB x 150NB	3.96	w	6.35	w	7.92	w	9.53	w	9.53	w	11.13	w	19.05	w
16 x 14	400NB x 350NB	4.19	w	6.35	w	7.92	w	9.53	w	9.53	w	12.7	w	21.44	w
16 x 12	400NB x 300NB	4.19	w	6.35	w	7.92	w	9.53	w	9.53	w	12.7	w	21.44	w
16 x 10	400NB x 250NB	4.19	w	6.35	w	7.92	w	9.53	w	9.53	w	12.7	w	21.44	w
16 x 8	400NB x 200NB	4.19	w	6.35	w	7.92	w	9.53	w	9.53	w	12.7	w	21.44	w
18 x 16	450NB x 400NB	4.19	w	6.35	w	7.92	w	11.13	w	9.53	w	14.27	w	23.83	w
18 x 14	450NB x 350NB	4.19	w	6.35	w	7.92	w	11.13	w	9.53	w	14.27	w	23.83	w
18 x 12	450NB x 300NB	4.19	w	6.35	w	7.92	w	11.13	w	9.53	w	14.27	w	23.83	w
18 x 10	450NB x 250NB	4.19	w	6.35	w	7.92	w	11.13	w	9.53	w	14.27	w	23.83	w
20 x 18	500NB x 450NB	4.78	w	6.35	w	9.53	w	12.70	w	9.53	w	15.09	w	26.19	w
20 x 16	500NB x 400NB	4.78	w	6.35	w	9.53	w	12.70	w	9.53	w	15.09	w	26.19	w
20 x 14	500NB x 350NB	4.78	w	6.35	w	9.53	w	12.70	w	9.53	w	15.09	w	26.19	w
20 x 12	500NB x 300NB	4.78	w	6.35	w	9.53	w	12.70	w	9.53	w	15.09	w	26.19	w
22 x 20	550NB x 500NB	4.78	w	6.35	w	9.53	w	12.70	w	9.53	w	-	-	28.58	-
22 x 18	550NB x 450NB	4.78	w	6.35	w	9.53	w	12.70	w	9.53	w	-	-	28.58	-
22 x 16	550NB x 400NB	4.78	w	6.35	w	9.53	w	12.70	w	9.53	w	-	-	28.58	-
22 x 14	550NB x 350NB	4.78	w	6.35	w	9.53	w	12.70	w	9.53	w	-	-	28.58	-
24 x 22	600NB x 550NB	5.54	w	6.35	w	9.53	w	14.27	w	9.53	w	17.48	w	30.96	w
24 x 20	600NB x 500NB	5.54	w	6.35	w	9.53	w	14.27	w	9.53	w	17.48	w	30.96	w
24 x 18	600NB x 450NB	5.54	w	6.35	w	9.53	w	14.27	w	9.53	w	17.48	w	30.96	w
24 x 16	600NB x 400NB	5.54	w	6.35	w	9.53	w	14.27	w	9.53	w	17.48	w	30.96	w

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