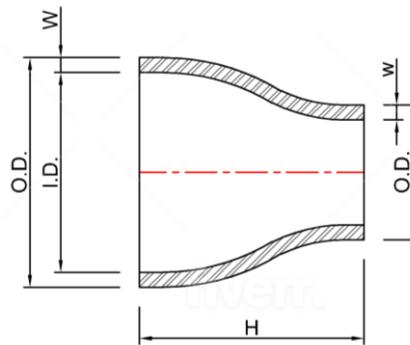


Project Name: \_\_\_\_\_

Job #: \_\_\_\_\_

## CONCENTRIC REDUCERS

ASME B16.9 & ASTM A234 WPB



Source:  Import  Domestic  Approved

### DIMENSIONS

UOM: Inches/LBS

PIPE SIZE	LARGE DIAMETER			SMALL DIAMETER			LENGTH (H)	PIPE SCHEDULE (STD)	APPROX WEIGHT
	OUTSIDE DIAMETER (O.D.)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)	OUTSIDE DIAMETER (O.D.)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)			
¾ x ½	1.05	0.824	0.113	0.84	0.622	0.109	1.50	40	0.21
1 x ¾	1.32	1.049	0.133	1.05	0.824	0.113	2.00	40	0.36
1 x ½	1.32	1.049	0.133	0.84	0.622	0.109	2.00	40	0.36
1 ¼ x 1	1.66	1.380	0.140	1.32	1.054	0.133	2.00	40	0.48
1 ¼ x ¾	1.66	1.380	0.140	1.05	0.824	0.113	2.00	40	0.42
1 ¼ x ½	1.66	1.380	0.140	0.84	0.622	0.109	2.00	40	0.42
1 ½ x 1 ¼	1.90	1.610	0.145	1.66	1.380	0.140	2.50	40	0.65
1 ½ x 1	1.90	1.610	0.145	1.32	1.054	0.133	2.50	40	0.57
1 ½ x ¾	1.90	1.610	0.145	1.05	0.824	0.113	2.50	40	0.56
1 ½ x ½	1.90	1.610	0.145	0.84	0.622	0.109	2.50	40	0.56
2 x 1 ½	2.38	2.067	0.154	1.90	1.610	0.145	3.00	40	0.94
2 x 1 ¼	2.38	2.067	0.154	1.66	1.380	0.140	3.00	40	0.88
2 x 1	2.38	2.067	0.154	1.32	1.054	0.133	3.00	40	0.81
2 x ¾	2.38	2.067	0.154	1.05	0.824	0.113	3.00	40	0.74
2 ½ x 2	2.88	2.469	0.203	2.38	2.072	0.154	3.50	40	1.60
2 ½ x 1 ½	2.88	2.469	0.203	1.90	1.610	0.145	3.50	40	1.50
2 ½ x 1 ¼	2.88	2.469	0.203	1.66	1.380	0.140	3.50	40	1.40
2 ½ x 1	2.88	2.469	0.203	1.32	1.054	0.133	3.50	40	1.30
3 x 2 ½	3.50	3.068	0.216	2.88	2.474	0.203	3.50	40	2.20
3 x 2	3.50	3.068	0.216	2.38	2.072	0.154	3.50	40	2.00
3 x 1 ½	3.50	3.068	0.216	1.90	1.610	0.145	3.50	40	1.90
3 x 1 ¼	3.50	3.068	0.216	1.66	1.380	0.140	3.50	40	1.80
3 x 1	3.50	3.068	0.216	1.32	1.054	0.133	3.50	40	1.70

FITTINGS CONCENTRIC RED.

Project Name: \_\_\_\_\_

Job #: \_\_\_\_\_

PIPE SIZE	LARGE DIAMETER			SMALL DIAMETER			LENGTH (H)	PIPE SCHEDULE (STD)	APPROX WEIGHT
	OUTSIDE DIAMETER (O.D.)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)	OUTSIDE DIAMETER (O.D.)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)			
3 ½ x 3	4.00	3.548	0.226	3.50	3.068	0.216	4.00	40	2.80
3 ½ x 2 ½	4.00	3.548	0.226	2.88	2.474	0.203	4.00	40	2.70
3 ½ x 2	4.00	3.548	0.226	2.38	2.072	0.154	4.00	40	2.60
3 ½ x 1 ½	4.00	3.548	0.226	1.90	1.610	0.145	4.00	40	2.60
3 ½ x 1 ¼	4.00	3.548	0.226	1.66	1.380	0.140	4.00	40	2.50
4 x 3 ½	4.50	4.026	0.237	4.00	3.548	0.226	4.00	40	3.50
4 x 3	4.50	4.026	0.237	3.50	3.068	0.216	4.00	40	3.30
4 x 2 ½	4.50	4.026	0.237	2.88	2.474	0.203	4.00	40	3.20
4 x 2	4.50	4.026	0.237	2.38	2.072	0.154	4.00	40	3.10
4 x 1 ½	4.50	4.026	0.237	1.90	1.610	0.145	4.00	40	3.00
4 x 1 ¼	4.50	4.026	0.237	1.66	1.380	0.140	4.00	40	3.00
4 x 1	4.50	4.026	0.237	1.32	1.054	0.133	4.00	40	2.80
5 x 4	5.56	5.047	0.258	4.50	4.026	0.237	5.00	40	5.50
5 x 3 ½	5.56	5.047	0.258	4.00	3.548	0.226	5.00	40	5.30
5 x 3	5.56	5.047	0.258	3.50	3.068	0.216	5.00	40	5.10
5 x 2 ½	5.56	5.047	0.258	2.88	2.474	0.203	5.00	40	4.80
5 x 2	5.56	5.047	0.258	2.38	2.072	0.154	5.00	40	4.70
6 x 5	6.62	6.065	0.280	5.56	5.044	0.258	5.50	40	7.60
6 x 4	6.62	6.065	0.280	4.50	4.026	0.237	5.50	40	7.40
6 x 3 ½	6.62	6.065	0.280	4.00	3.548	0.226	5.50	40	7.10
6 x 3	6.62	6.065	0.280	3.50	3.068	0.216	5.50	40	6.90
6 x 2 ½	6.62	6.065	0.280	2.88	2.474	0.203	5.50	40	6.60
6 x 2	6.62	6.065	0.280	2.38	2.072	0.154	5.50	40	6.50
8 x 6	8.62	7.981	0.322	6.62	6.060	0.280	6.00	40	12.30
8 x 5	8.62	7.981	0.322	5.56	5.044	0.258	6.00	40	11.50
8 x 4	8.62	7.981	0.322	4.50	4.026	0.237	6.00	40	10.80
8 x 3 ½	8.62	7.981	0.322	4.00	3.548	0.226	6.00	40	10.60
8 x 3	8.62	7.981	0.322	3.50	3.068	0.216	6.00	40	9.80
10 x 8	10.75	10.020	0.365	8.62	7.976	0.322	7.00	40	22.10
10 x 6	10.75	10.020	0.365	6.62	6.060	0.280	7.00	40	20.70
10 x 5	10.75	10.020	0.365	5.56	5.044	0.258	7.00	40	19.50
10 x 4	10.75	10.020	0.365	4.50	4.026	0.237	7.00	40	18.40
12 x 10	12.75	12.000	0.375	10.75	10.020	0.365	8.00	-	32.40
12 x 8	12.75	12.000	0.375	8.62	7.976	0.322	8.00	-	30.50
12 x 6	12.75	12.000	0.375	6.62	6.060	0.280	8.00	-	29.50
12 x 5	12.75	12.000	0.375	5.56	5.044	0.258	8.00	-	27.80
12 x 4	12.75	12.000	0.375	4.50	4.026	0.237	8.00	-	26.20
14 x 12	14.00	13.250	0.375	12.75	12.000	0.375	13.00	-	63.10
14 x 10	14.00	13.250	0.375	10.75	10.020	0.365	13.00	-	61.40
14 x 8	14.00	13.250	0.375	8.62	7.976	0.322	13.00	-	60.00
14 x 6	14.00	13.250	0.375	6.62	6.060	0.280	13.00	-	59.20
16 x 14	16.00	15.250	0.375	16.00	15.250	0.375	14.00	-	75.40
16 x 12	16.00	15.250	0.375	14.00	13.250	0.375	14.00	-	72.70
16 x 10	16.00	15.250	0.375	12.75	12.000	0.364	14.00	-	71.10
16 x 8	16.00	15.250	0.375	10.75	10.020	0.322	14.00	-	69.40
16 x 6	16.00	15.250	0.375	8.62	7.976	0.280	14.00	-	67.40

FITTINGS CONCENTRIC RED.



Project Name: \_\_\_\_\_

Job #: \_\_\_\_\_

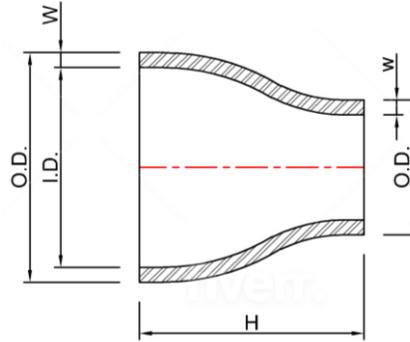
FITTINGS CONCENTRIC RED.

PIPE SIZE	LARGE DIAMETER			SMALL DIAMETER			LENGTH (H)	PIPE SCHEDULE (STD)	APPROX WEIGHT
	OUTSIDE DIAMETER (O.D.)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)	OUTSIDE DIAMETER (O.D.)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)			
18 x 16	18.00	17.250	0.375	16.00	15.250	0.375	15.00	-	87.30
18 x 14	18.00	17.250	0.375	14.00	13.250	0.375	15.00	-	86.00
18 x 12	18.00	17.250	0.375	12.75	12.000	0.375	15.00	-	84.80
18 x 10	18.00	17.250	0.375	10.75	10.020	0.365	15.00	-	83.70
18 x 8	18.00	17.250	0.375	8.62	7.976	0.322	15.00	-	81.75
20 x 18	20.00	19.250	0.375	18.00	17.250	0.375	20.00	-	123.00
20 x 16	20.00	19.250	0.375	16.00	15.250	0.375	20.00	-	121.00
20 x 14	20.00	19.250	0.375	14.00	13.250	0.375	20.00	-	119.00
20 x 12	20.00	19.250	0.375	12.75	12.000	0.375	20.00	-	118.00
20 x 10	20.00	19.250	0.375	10.75	10.020	0.365	20.00	-	117.00
24 x 20	24.00	23.250	0.375	20.00	19.250	0.375	20.00	-	156.00
24 x 18	24.00	23.250	0.375	18.00	17.250	0.375	20.00	-	153.00
24 x 16	24.00	23.250	0.375	16.00	15.250	0.375	20.00	-	150.00
24 x 14	24.00	23.250	0.375	14.00	13.250	0.375	20.00	-	147.00
24 x 12	24.00	23.250	0.375	12.75	12.000	0.375	20.00	-	144.00
24 x 10	24.00	23.250	0.375	10.75	10.020	0.365	20.00	-	141.00
30 x 24	30.00	29.250	0.375	24.00	23.250	0.375	24.00	-	315.00
30 x 20	30.00	29.250	0.375	20.00	19.250	0.375	24.00	-	315.00
30 x 18	30.00	29.250	0.375	18.00	17.250	0.375	24.00	-	315.00
36 x 30	36.00	35.250	0.375	30.00	29.250	0.375	24.00	-	379.00
36 x 24	36.00	35.250	0.375	24.00	23.250	0.375	24.00	-	379.00
36 x 20	36.00	35.250	0.375	20.00	19.250	0.375	24.00	-	379.00
42 x 36	42.00	41.250	0.375	36.00	35.250	0.375	24.00	-	443.00
42 x 30	42.00	41.250	0.375	30.00	29.250	0.375	24.00	-	443.00
42 x 24	42.00	41.250	0.375	24.00	23.250	0.375	24.00	-	443.00
48 x 42	48.00	47.250	0.375	42.00	41.250	0.375	28.00	-	525.00
48 x 36	48.00	47.250	0.375	36.00	35.250	0.375	28.00	-	525.00
48 x 30	48.00	47.250	0.375	30.00	29.250	0.375	28.00	-	525.00
48 x 24	48.00	47.250	0.375	24.00	23.250	0.375	28.00	-	525.00



Project Name: \_\_\_\_\_  
 Job #: \_\_\_\_\_

## CONCENTRIC REDUCERS ASME B16.9 & ASTM A234 WPB



Source:  Import  Domestic  Approved

### DIMENSIONS

UOM: Inches/LBS

PIPE SIZE	LARGE DIAMETER			SMALL DIAMETER			LENGTH (H)	PIPE SCHEDULE (XS)	APPROX WEIGHT
	OUTSIDE DIAMETER (O.D.)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)	OUTSIDE DIAMETER (O.D.)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)			
¾ x ½	1.05	0.742	0.154	0.84	0.546	0.147	1.50	80	0.25
1 x ¾	1.32	0.957	0.179	1.05	0.742	0.154	2.00	80	0.43
1 x ½	1.32	0.957	0.179	0.84	0.546	0.147	2.00	80	0.42
1 ¼ x 1	1.66	1.278	0.191	1.32	0.957	0.179	2.00	80	0.57
1 ¼ x ¾	1.66	1.278	0.191	1.05	0.742	0.154	2.00	80	0.53
1 ¼ x ½	1.66	1.278	0.191	0.84	0.546	0.147	2.00	80	0.50
1 ½ x 1 ¼	1.90	1.500	0.200	1.66	1.278	0.191	2.50	80	0.78
1 ½ x 1	1.90	1.500	0.200	1.32	0.957	0.179	2.50	80	0.72
1 ½ x ¾	1.90	1.500	0.200	1.05	0.742	0.154	2.50	80	0.65
1 ½ x ½	1.90	1.500	0.200	0.84	0.546	0.147	2.50	80	0.65
2 x 1 ½	2.38	1.944	0.218	1.90	1.500	0.200	3.00	80	1.20
2 x 1 ¼	2.38	1.944	0.218	1.66	1.278	0.191	3.00	80	1.10
2 x 1	2.38	1.944	0.218	1.32	0.957	0.179	3.00	80	1.00
2 x ¾	2.38	1.944	0.218	1.05	0.742	0.154	3.00	80	0.94
2 ½ x 2	2.88	2.323	0.276	2.38	1.944	0.218	3.50	80	2.10
2 ½ x 1 ½	2.88	2.323	0.276	1.90	1.500	0.200	3.50	80	1.90
2 ½ x 1 ¼	2.88	2.323	0.276	1.66	1.278	0.191	3.50	80	1.70
2 ½ x 1	2.88	2.323	0.276	1.32	0.957	0.179	3.50	80	1.50
3 x 2 ½	3.50	2.900	0.300	2.88	2.323	0.276	3.50	80	2.80
3 x 2	3.50	2.900	0.300	2.38	1.939	0.218	3.50	80	2.60
3 x 1 ½	3.50	2.900	0.300	1.90	1.500	0.200	3.50	80	2.40
3 x 1 ¼	3.50	2.900	0.300	1.66	1.278	0.191	3.50	80	2.30
3 x 1	3.50	2.900	0.300	1.32	0.957	0.179	3.50	80	2.20

FITTINGS CONCENTRIC RED.

Project Name: \_\_\_\_\_

Job #: \_\_\_\_\_

PIPE SIZE	LARGE DIAMETER			SMALL DIAMETER			LENGTH (H)	PIPE SCHEDULE (XS)	APPROX WEIGHT
	OUTSIDE DIAMETER (O.D.)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)	OUTSIDE DIAMETER (O.D.)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)			
3 ½ x 3	4.00	3.364	0.318	3.50	2.900	0.300	4.00	80	3.70
3 ½ x 2 ½	4.00	3.364	0.318	2.88	2.328	0.276	4.00	80	3.50
3 ½ x 2	4.00	3.364	0.318	2.38	1.944	0.218	4.00	80	3.30
3 ½ x 1 ½	4.00	3.364	0.318	1.90	1.500	0.200	4.00	80	3.20
3 ½ x 1 ¼	4.00	3.364	0.318	1.66	1.278	0.191	4.00	80	3.20
4 x 3 ½	4.50	3.826	0.337	4.00	3.364	0.318	4.00	80	4.90
4 x 3	4.50	3.826	0.337	3.50	2.900	0.300	4.00	80	4.70
4 x 2 ½	4.50	3.826	0.337	2.88	2.328	0.276	4.00	80	4.60
4 x 2	4.50	3.826	0.337	2.38	1.944	0.218	4.00	80	4.30
4 x 1 ½	4.50	3.826	0.337	1.90	1.500	0.200	4.00	80	4.20
4 x 1 ¼	4.50	3.826	0.337	1.66	1.278	0.191	4.00	80	4.10
4 x 1	4.50	3.826	0.337	1.32	0.962	0.179	4.00	80	4.00
5 x 4	5.56	4.810	0.375	4.50	3.826	0.337	5.00	80	7.50
5 x 3 ½	5.56	4.810	0.375	4.00	3.364	0.318	5.00	80	6.90
5 x 3	5.56	4.810	0.375	3.50	2.900	0.300	5.00	80	6.30
5 x 2 ½	5.56	4.810	0.375	2.88	2.328	0.276	5.00	80	6.10
5 x 2	5.56	4.810	0.375	2.38	1.944	0.218	5.00	80	6.00
6 x 5	6.62	5.756	0.432	5.56	4.810	0.375	5.50	80	11.50
6 x 4	6.62	5.756	0.432	4.50	3.826	0.337	5.50	80	10.70
6 x 3 ½	6.62	5.756	0.432	4.00	3.364	0.318	5.50	80	10.00
6 x 3	6.62	5.756	0.432	3.50	2.900	0.300	5.50	80	9.70
6 x 2 ½	6.62	5.756	0.432	2.88	2.328	0.276	5.50	80	9.10
6 x 2	6.62	5.756	0.432	2.38	1.944	0.218	5.50	80	8.60
8 x 6	8.62	7.620	0.500	6.62	5.756	0.432	6.00	80	18.80
8 x 5	8.62	7.620	0.500	5.56	4.810	0.375	6.00	80	17.60
8 x 4	8.62	7.620	0.500	4.50	3.826	0.337	6.00	80	17.00
8 x 3 ½	8.62	7.620	0.500	4.00	3.364	0.318	6.00	80	15.90
8 x 3	8.62	7.620	0.500	3.50	2.900	0.300	6.00	80	15.00
10 x 8	10.75	9.750	0.500	8.62	7.620	0.500	7.00	-	29.40
10 x 6	10.75	9.750	0.500	6.62	5.756	0.432	7.00	-	28.30
10 x 5	10.75	9.750	0.500	5.56	4.810	0.375	7.00	-	26.90
10 x 4	10.75	9.750	0.500	4.50	3.826	0.337	7.00	-	24.20
12 x 10	12.75	11.750	0.500	10.75	9.750	0.500	8.00	-	41.50
12 x 8	12.75	11.750	0.500	8.62	7.620	0.500	8.00	-	38.60
12 x 6	12.75	11.750	0.500	6.62	5.756	0.432	8.00	-	37.40
12 x 5	12.75	11.750	0.500	5.56	4.810	0.375	8.00	-	36.30
12 x 4	12.75	11.750	0.500	4.50	3.826	0.337	8.00	-	34.70
14 x 12	14.00	13.000	0.500	12.75	11.750	0.500	13.00	-	81.00
14 x 10	14.00	13.000	0.500	10.75	9.750	0.500	13.00	-	76.70
14 x 8	14.00	13.000	0.500	8.62	7.620	0.500	13.00	-	74.60
14 x 6	14.00	13.000	0.500	6.62	5.756	0.432	13.00	-	72.30
16 x 14	16.00	15.000	0.500	14.00	13.000	0.500	14.00	-	98.00
16 x 12	16.00	15.000	0.500	12.75	11.750	0.500	14.00	-	95.80
16 x 10	16.00	15.000	0.500	10.75	9.750	0.500	14.00	-	93.30
16 x 8	16.00	15.000	0.500	8.62	7.620	0.500	14.00	-	91.10
16 x 6	16.00	15.000	0.500	6.62	5.756	0.432	14.00	-	89.80

FITTINGS CONCENTRIC RED.

Project Name: \_\_\_\_\_

Job #: \_\_\_\_\_

PIPE SIZE	LARGE DIAMETER			SMALL DIAMETER			LENGTH (H)	PIPE SCHEDULE (XS)	APPROX WEIGHT
	OUTSIDE DIAMETER (O.D.)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)	OUTSIDE DIAMETER (O.D.)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)			
18 x 16	18.00	17.000	0.500	16.00	15.000	0.500	15.00	-	118.00
18 x 14	18.00	17.000	0.500	14.00	13.000	0.500	15.00	-	117.00
18 x 12	18.00	17.000	0.500	12.75	11.750	0.500	15.00	-	115.00
18 x 10	18.00	17.000	0.500	10.75	9.750	0.500	15.00	-	113.00
18 x 8	18.00	17.000	0.500	8.62	7.620	0.500	15.00	-	100.00
20 x 18	20.00	19.000	0.500	18.00	17.000	0.500	20.00	-	162.00
20 x 16	20.00	19.000	0.500	16.00	15.000	0.500	20.00	-	159.00
20 x 14	20.00	19.000	0.500	14.00	13.000	0.500	20.00	-	157.00
20 x 12	20.00	19.000	0.500	12.75	11.750	0.500	20.00	-	155.00
20 x 10	20.00	19.000	0.500	10.75	9.750	0.500	20.00	-	152.00
24 x 20	24.00	23.000	0.500	20.00	19.000	0.500	20.00	-	201.00
24 x 18	24.00	23.000	0.500	18.00	17.000	0.500	20.00	-	197.00
24 x 16	24.00	23.000	0.500	16.00	15.000	0.500	20.00	-	194.00
24 x 14	24.00	23.000	0.500	14.00	13.000	0.500	20.00	-	190.00
24 x 12	24.00	23.000	0.500	12.75	11.750	0.500	20.00	-	188.00
24 x 10	24.00	23.000	0.500	10.75	9.750	0.500	20.00	-	186.00
30 x 24	30.00	29.000	0.500	24.00	23.000	0.500	24.00	-	315.00
30 x 20	30.00	29.000	0.500	20.00	19.000	0.500	24.00	-	315.00
30 x 18	30.00	29.000	0.500	18.00	17.000	0.500	24.00	-	315.00
36 x 30	36.00	35.000	0.500	30.00	29.000	0.500	24.00	-	379.00
36 x 24	36.00	35.000	0.500	24.00	23.000	0.500	24.00	-	379.00
36 x 20	36.00	35.000	0.500	20.00	19.000	0.500	24.00	-	379.00
42 x 36	42.00	41.000	0.500	36.00	35.000	0.500	24.00	-	443.00
42 x 30	42.00	41.000	0.500	30.00	29.000	0.500	24.00	-	443.00
42 x 24	42.00	41.000	0.500	24.00	23.000	0.500	24.00	-	443.00
48 x 42	48.00	47.000	0.500	42.00	41.000	0.500	28.00	-	525.00
48 x 36	48.00	47.000	0.500	36.00	35.000	0.500	28.00	-	525.00
48 x 30	48.00	47.000	0.500	30.00	29.000	0.500	28.00	-	525.00
48 x 24	48.00	47.000	0.500	24.00	23.000	0.500	28.00	-	525.00

FITTINGS CONCENTRIC RED.

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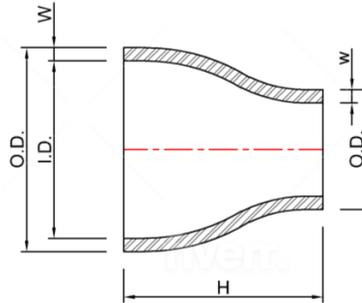


Project Name: \_\_\_\_\_

Job #: \_\_\_\_\_

## CONCENTRIC REDUCERS

ASME B16.9 & ASTM A234 WPB



Source:  Import  Domestic  Approved

### DIMENSIONS

UOM: Inches/LBS

PIPE SIZE	LARGE DIAMETER			SMALL DIAMETER			LENGTH (H)	PIPE SCHEDULE (40)	APPROX WEIGHT
	OUTSIDE DIAMETER (O.D.)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)	OUTSIDE DIAMETER (O.D.)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)			
FOR DIMENSION SPECIFICATIONS ½" THROUGH 10", REFER TO SCHEDULE STD									
12 x 10	12.75	11.938	0.406	10.75	10.020	0.365	8.00	40	35.80
12 x 8	12.75	11.938	0.406	8.62	7.976	0.322	8.00	40	35.80
12 x 6	12.75	11.938	0.406	6.62	6.060	0.280	8.00	40	35.80
12 x 5	12.75	11.938	0.406	5.56	5.044	0.258	8.00	40	35.80
12 x 4	12.75	11.938	0.406	4.50	4.026	0.237	8.00	40	35.80
14 x 12	14.00	13.124	0.438	12.75	11.938	0.406	13.00	40	68.60
14 x 10	14.00	13.124	0.438	10.75	10.020	0.365	13.00	40	68.60
14 x 8	14.00	13.124	0.438	8.62	7.976	0.322	13.00	40	68.60
14 x 6	14.00	13.124	0.438	6.62	6.060	0.280	13.00	40	68.60
16 x 14	16.00	15.000	0.500	14.00	13.124	0.438	14.00	40	96.50
16 x 12	16.00	15.000	0.500	12.75	11.938	0.406	14.00	40	96.50
16 x 10	16.00	15.000	0.500	10.75	10.020	0.365	14.00	40	96.50
16 x 8	16.00	15.000	0.500	8.62	7.976	0.322	14.00	40	96.50
16 x 6	16.00	15.000	0.500	6.62	6.060	0.280	14.00	40	96.50
18 x 16	18.00	16.876	0.562	16.00	15.000	0.500	15.00	40	131.00
18 x 14	18.00	16.876	0.562	14.00	13.124	0.438	15.00	40	131.00
18 x 12	18.00	16.876	0.562	12.75	11.938	0.406	15.00	40	131.00
18 x 10	18.00	16.876	0.562	10.75	10.020	0.365	15.00	40	131.00
18 x 8	18.00	16.876	0.562	8.62	7.976	0.322	15.00	40	131.00
20 x 18	20.00	18.812	0.594	18.00	16.876	0.562	20.00	40	205.00
20 x 16	20.00	18.812	0.594	16.00	15.000	0.500	20.00	40	205.00
20 x 14	20.00	18.812	0.594	14.00	13.124	0.438	20.00	40	205.00
20 x 12	20.00	18.812	0.594	12.75	11.938	0.406	20.00	40	205.00
20 x 10	20.00	18.812	0.594	10.75	10.020	0.365	20.00	40	205.00
20 x 8	20.00	18.812	0.594	8.62	7.976	0.322	20.00	40	205.00
24 x 20	24.00	22.624	0.688	20.00	18.812	0.594	20.00	40	285.00
24 x 18	24.00	22.624	0.688	18.00	16.876	0.562	20.00	40	285.00
24 x 16	24.00	22.624	0.688	16.00	15.000	0.500	20.00	40	285.00
24 x 14	24.00	22.624	0.688	14.00	13.124	0.438	20.00	40	285.00
24 x 12	24.00	22.624	0.688	12.75	11.938	0.406	20.00	40	285.00
24 x 10	24.00	22.624	0.688	10.75	10.020	0.365	20.00	40	285.00

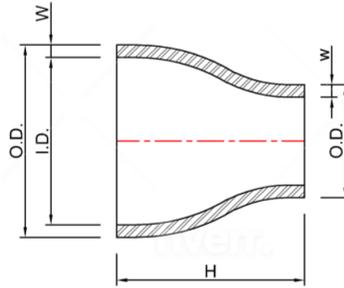
**FITTINGS CONCENTRIC RED.**

Project Name: \_\_\_\_\_

Job #: \_\_\_\_\_

## CONCENTRIC REDUCERS

ASME B16.9 & ASTM A234 WPB



Source:  Import  Domestic  Approved

### DIMENSIONS

UOM: Inches/LBS

PIPE SIZE	LARGE DIAMETER			SMALL DIAMETER			LENGTH (H)	PIPE SCHEDULE (80)	APPROX WEIGHT
	OUTSIDE DIAMETER (O.D.)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)	OUTSIDE DIAMETER (O.D.)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)			
FOR DIMENSION SPECIFICATIONS ½" THROUGH 8", REFER TO SCHEDULE XS									
10 x 8	10.75	9.562	0.594	8.62	7.620	0.500	7.00	80	37.50
10 x 6	10.75	9.562	0.594	6.62	5.756	0.432	7.00	80	37.50
10 x 5	10.75	9.562	0.594	5.56	4.810	0.375	7.00	80	37.50
10 x 4	10.75	9.562	0.594	4.50	3.826	0.337	7.00	80	37.50
12 x 10	12.75	11.374	0.688	10.75	9.562	0.594	8.00	80	59.00
12 x 8	12.75	11.374	0.688	8.62	7.620	0.500	8.00	80	59.00
12 x 6	12.75	11.374	0.688	6.62	5.756	0.432	8.00	80	59.00
12 x 5	12.75	11.374	0.688	5.56	4.810	0.375	8.00	80	59.00
12 x 4	12.75	11.374	0.688	4.50	3.826	0.337	8.00	80	59.00
14 x 12	14.00	12.500	0.750	12.75	11.374	0.688	13.00	80	115.00
14 x 10	14.00	12.500	0.750	10.75	9.562	0.594	13.00	80	115.00
14 x 8	14.00	12.500	0.750	8.62	7.620	0.500	13.00	80	115.00
14 x 6	14.00	12.500	0.750	6.62	5.756	0.432	13.00	80	115.00
16 x 14	16.00	14.312	0.844	14.00	12.500	0.750	14.00	80	159.00
16 x 12	16.00	14.312	0.844	12.75	11.374	0.688	14.00	80	159.00
16 x 10	16.00	14.312	0.844	10.75	9.562	0.594	14.00	80	159.00
16 x 8	16.00	14.312	0.844	8.62	7.620	0.500	14.00	80	159.00
16 x 6	16.00	14.312	0.844	6.62	5.756	0.432	14.00	80	159.00
18 x 16	18.00	16.124	0.938	16.00	14.312	0.844	15.00	80	213.00
18 x 14	18.00	16.124	0.938	14.00	12.500	0.750	15.00	80	213.00
18 x 12	18.00	16.124	0.938	12.75	11.374	0.688	15.00	80	213.00
18 x 10	18.00	16.124	0.938	10.75	9.562	0.594	15.00	80	213.00
18 x 8	18.00	16.124	0.938	8.62	7.620	0.500	15.00	80	213.00
20 x 18	20.00	17.938	1.031	18.00	16.124	0.938	20.00	80.00	348.00
20 x 16	20.00	17.938	1.031	16.00	14.312	0.844	20.00	80.00	348.00
20 x 14	20.00	17.938	1.031	14.00	12.500	0.750	20.00	80.00	348.00
20 x 12	20.00	17.938	1.031	12.75	11.374	0.688	20.00	80.00	348.00
20 x 10	20.00	17.938	1.031	10.75	9.562	0.594	20.00	80.00	348.00
20 x 8	20.00	17.938	1.031	8.62	7.620	0.500	20.00	80.00	348.00
24 x 20	24.00	21.562	1.219	20.00	17.938	1.031	20.00	80.00	494.00
24 x 18	24.00	21.562	1.219	18.00	16.124	0.938	20.00	80.00	494.00
24 x 16	24.00	21.562	1.219	16.00	14.312	0.844	20.00	80.00	494.00
24 x 14	24.00	21.562	1.219	14.00	12.500	0.750	20.00	80.00	494.00
24 x 12	24.00	21.562	1.219	12.75	11.374	0.688	20.00	80.00	494.00
24 x 10	24.00	21.562	1.219	10.75	9.562	0.594	20.00	80.00	494.00

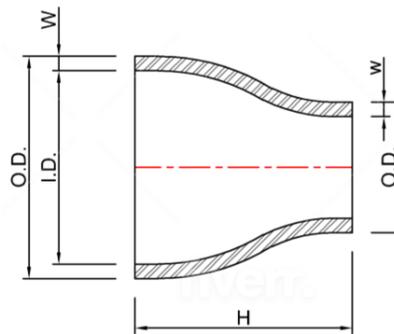
**FITTINGS CONCENTRIC RED.**

Project Name: \_\_\_\_\_

Job #: \_\_\_\_\_

## CONCENTRIC REDUCERS

ASME B16.9 & ASTM A234 WPB



Source:  Import  Domestic  Approved

### DIMENSIONS

UOM: Inches/LBS

PIPE SIZE	LARGE DIAMETER			SMALL DIAMETER			LENGTH (H)	PIPE SCHEDULE (160)	APPROX WEIGHT
	OUTSIDE DIAMETER (O.D.)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)	OUTSIDE DIAMETER (O.D.)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)			
¾ x ½	1.05	0.612	0.219	0.84	0.464	0.188	1.50	160	0.37
1 x ¾	1.32	0.820	0.250	1.05	0.612	0.219	2.00	160	0.45
1 x ½	1.32	0.820	0.250	0.84	0.464	0.188	2.00	160	0.45
1 ¼ x 1	1.66	1.160	0.250	1.32	0.820	0.250	2.00	160	0.70
1 ¼ x ¾	1.66	1.160	0.250	1.05	0.612	0.219	2.00	160	0.70
1 ¼ x ½	1.66	1.160	0.250	0.84	0.464	0.188	2.00	160	0.70
1 ½ x 1 ¼	1.90	1.338	0.281	1.66	1.160	0.250	2.50	160	0.90
1 ½ x 1	1.90	1.338	0.281	1.32	0.820	0.250	2.50	160	0.90
1 ½ x ¾	1.90	1.338	0.281	1.05	0.612	0.219	2.50	160	0.90
1 ½ x ½	1.90	1.338	0.281	0.84	0.464	0.188	2.50	160	0.90
2 x 1 ½	2.38	1.692	0.344	1.90	1.338	0.281	3.00	160	1.85
2 x 1 ¼	2.38	1.692	0.344	1.66	1.160	0.250	3.00	160	1.85
2 x 1	2.38	1.692	0.344	1.32	0.820	0.250	3.00	160	1.85
2 x ¾	2.38	1.692	0.344	1.05	0.612	0.219	3.00	160	1.50
2 ½ x 2	2.88	2.130	0.375	2.38	1.692	0.344	3.50	160	3.00
2 ½ x 1 ½	2.88	2.130	0.375	1.90	1.338	0.281	3.50	160	3.00
2 ½ x 1 ¼	2.88	2.130	0.375	1.66	1.160	0.250	3.50	160	2.80
2 ½ x 1	2.88	2.130	0.375	1.32	0.820	0.250	3.50	160	2.80
3 x 2 ½	3.50	2.624	0.438	2.88	2.130	0.375	3.50	160	4.00
3 x 2	3.50	2.624	0.438	2.38	1.692	0.344	3.50	160	4.00
3 x 1 ½	3.50	2.624	0.438	1.90	1.338	0.281	3.50	160	4.00
3 x 1 ¼	3.50	2.624	0.438	1.66	1.160	0.250	3.50	160	3.50
3 x 1	3.50	2.624	0.438	1.32	0.820	0.250	3.50	160	3.50

FITTINGS CONCENTRIC RED.

Project Name: \_\_\_\_\_

Job #: \_\_\_\_\_

PIPE SIZE	LARGE DIAMETER			SMALL DIAMETER			LENGTH (H)	PIPE SCHEDULE (XXS)	APPROX WEIGHT
	OUTSIDE DIAMETER (O.D.)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)	OUTSIDE DIAMETER (O.D.)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)			
4 x 3	4.50	3.438	0.531	3.50	2.624	0.438	4.00	160	6.00
4 x 2 ½	4.50	3.438	0.531	2.88	2.130	0.375	4.00	160	6.00
4 x 2	4.50	3.438	0.531	2.38	1.692	0.344	4.00	160	5.00
4 x 1 ½	4.50	3.438	0.531	1.90	1.338	0.281	4.00	160	5.00
4 x 1 ¼	4.50	3.438	0.531	1.66	1.160	0.250	4.00	160	5.00
4 x 1	4.50	3.438	0.531	1.32	0.820	0.250	4.00	160	5.00
5 x 4	5.56	4.310	0.625	4.50	3.438	0.531	5.00	160	14.00
5 x 3	5.56	4.310	0.625	3.50	2.624	0.438	5.00	160	14.00
5 x 2 ½	5.56	4.310	0.625	2.88	2.130	0.375	5.00	160	14.00
5 x 2	5.56	4.310	0.625	2.38	1.692	0.344	5.00	160	14.00
6 x 5	6.62	5.182	0.719	5.56	4.310	0.625	5.50	160	18.00
6 x 4	6.62	5.182	0.719	4.50	3.438	0.531	5.50	160	18.00
6 x 3	6.62	5.182	0.719	3.50	2.624	0.438	5.50	160	15.50
6 x 2 ½	6.62	5.182	0.719	2.88	2.130	0.375	5.50	160	15.50
6 x 2	6.62	5.182	0.719	2.38	1.692	0.344	5.50	160	15.00
8 x 6	8.62	6.808	0.906	6.62	5.182	0.719	6.00	160	31.50
8 x 5	8.62	6.808	0.906	5.56	4.310	0.625	6.00	160	28.00
8 x 4	8.62	6.808	0.906	4.50	3.438	0.531	6.00	160	28.00
8 x 3	8.62	6.808	0.906	3.50	2.624	0.438	6.00	160	30.00
10 x 8	10.75	8.500	1.125	8.62	6.808	0.906	7.00	160	58.00
10 x 6	10.75	8.500	1.125	6.62	5.182	0.719	7.00	160	58.00
10 x 5	10.75	8.500	1.125	5.56	4.310	0.625	7.00	160	54.00
10 x 4	10.75	8.500	1.125	4.50	3.438	0.531	7.00	160	52.00
12 x 10	12.75	10.126	1.312	10.75	8.500	1.125	8.00	160	95.00
12 x 8	12.75	10.126	1.312	8.62	6.808	0.906	8.00	160	85.00
12 x 6	12.75	10.126	1.312	6.62	5.182	0.719	8.00	160	80.00
12 x 5	12.75	10.126	1.312	5.56	4.310	0.625	8.00	160	80.00
12 x 4	12.75	10.126	1.312	4.50	3.438	0.531	8.00	160	80.00
14 x 12	14.00	11.188	1.406	12.75	10.126	1.312	13.00	160	115.00
14 x 10	14.00	11.188	1.406	10.75	8.500	1.125	13.00	160	115.00
14 x 8	14.00	11.188	1.406	8.62	6.808	0.906	13.00	160	159.00
14 x 6	14.00	11.188	1.406	6.62	5.182	0.719	13.00	160	159.00
16 x 14	16.00	12.812	1.594	14.00	11.188	1.406	14.00	160	159.00
16 x 12	16.00	12.812	1.594	12.75	10.126	1.312	14.00	160	159.00
16 x 10	16.00	12.812	1.594	10.75	8.500	1.125	14.00	160	159.00
16 x 8	16.00	12.812	1.594	8.62	6.808	0.906	14.00	160	213.00
16 x 6	16.00	12.812	1.594	6.62	5.182	0.719	14.00	160	213.00

FITTINGS CONCENTRIC RED.

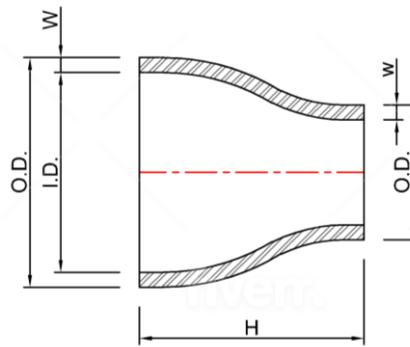
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Project Name: \_\_\_\_\_

Job #: \_\_\_\_\_

## CONCENTRIC REDUCERS

ASME B16.9 & ASTM A234 WPB



Source:  Import  Domestic  Approved

### DIMENSIONS

UOM: Inches/LBS

PIPE SIZE	LARGE DIAMETER			SMALL DIAMETER			LENGTH (H)	PIPE SCHEDULE (XXS)	APPROX WEIGHT
	OUTSIDE DIAMETER (O.D.)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)	OUTSIDE DIAMETER (O.D.)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)			
¾ x ½	1.05	0.434	0.308	0.84	0.252	0.294	1.50	-	0.39
1 x ¾	1.32	0.604	0.358	1.05	0.434	0.308	2.00	-	0.50
1 x ½	1.32	0.604	0.358	0.84	0.252	0.294	2.00	-	0.50
1 ¼ x 1	1.66	0.896	0.382	1.32	0.604	0.358	2.00	-	0.75
1 ¼ x ¾	1.66	0.896	0.382	1.05	0.434	0.308	2.00	-	0.75
1 ¼ x ½	1.66	0.896	0.382	0.84	0.252	0.294	2.00	-	0.75
1 ½ x 1 ¼	1.90	1.100	0.400	1.66	0.896	0.382	2.50	-	1.00
1 ½ x 1	1.90	1.100	0.400	1.32	0.604	0.358	2.50	-	1.00
1 ½ x ¾	1.90	1.100	0.400	1.05	0.434	0.308	2.50	-	1.00
1 ½ x ½	1.90	1.100	0.400	0.84	0.252	0.294	2.50	-	1.00
2 x 1 ½	2.38	1.508	0.436	1.90	1.100	0.400	3.00	-	2.00
2 x 1 ¼	2.38	1.508	0.436	1.66	0.896	0.382	3.00	-	2.00
2 x 1	2.38	1.508	0.436	1.32	0.604	0.358	3.00	-	2.00
2 x ¾	2.38	1.508	0.436	1.05	0.434	0.308	3.00	-	1.75
2 ½ x 2	2.88	1.776	0.552	2.38	1.508	0.436	3.50	-	4.00
2 ½ x 1 ½	2.88	1.776	0.552	1.90	1.100	0.400	3.50	-	4.00
2 ½ x 1 ¼	2.88	1.776	0.552	1.66	0.896	0.382	3.50	-	3.50
2 ½ x 1	2.88	1.776	0.552	1.32	0.604	0.358	3.50	-	3.50
3 x 2 ½	3.50	2.300	0.600	2.88	1.776	0.552	3.50	-	5.00
3 x 2	3.50	2.300	0.600	2.38	1.508	0.436	3.50	-	5.00
3 x 1 ½	3.50	2.300	0.600	1.90	1.100	0.400	3.50	-	5.00
3 x 1 ¼	3.50	2.300	0.600	1.66	0.896	0.382	3.50	-	4.50
3 x 1	3.50	2.300	0.600	1.32	0.604	0.358	3.50	-	4.50

FITTINGS CONCENTRIC RED.

Project Name: \_\_\_\_\_

Job #: \_\_\_\_\_

PIPE SIZE	LARGE DIAMETER			SMALL DIAMETER			LENGTH (H)	PIPE SCHEDULE (XXS)	APPROX WEIGHT
	OUTSIDE DIAMETER (O.D.)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)	OUTSIDE DIAMETER (O.D.)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)			
4 x 3	4.50	3.152	0.674	3.50	2.300	0.600	4.00	-	8.00
4 x 2 ½	4.50	3.152	0.674	2.88	1.776	0.552	4.00	-	8.00
4 x 2	4.50	3.152	0.674	2.38	1.508	0.436	4.00	-	7.50
4 x 1 ½	4.50	3.152	0.674	1.90	1.100	0.400	4.00	-	7.50
4 x 1 ¼	4.50	3.152	0.674	1.66	0.896	0.382	4.00	-	7.50
4 x 1	4.50	3.152	0.674	1.32	0.604	0.358	4.00	-	7.50
5 x 4	5.56	4.060	0.750	4.50	3.152	0.674	5.00	-	16.00
5 x 3	5.56	4.060	0.750	3.50	2.300	0.600	5.00	-	16.00
5 x 2 ½	5.56	4.060	0.750	2.88	1.776	0.552	5.00	-	16.00
5 x 2	5.56	4.060	0.750	2.38	1.508	0.436	5.00	-	16.00
6 x 5	6.62	4.892	0.864	5.56	4.060	0.750	5.50	-	23.00
6 x 4	6.62	4.892	0.864	4.50	3.152	0.674	5.50	-	23.00
6 x 3	6.62	4.892	0.864	3.50	2.300	0.600	5.50	-	20.00
6 x 2 ½	6.62	4.892	0.864	2.88	1.776	0.552	5.50	-	20.00
6 x 2	6.62	4.892	0.864	2.38	1.508	0.436	5.50	-	19.00
8 x 6	8.62	6.870	0.875	6.62	4.892	0.864	6.00	-	36.00
8 x 5	8.62	6.870	0.875	5.56	4.060	0.750	6.00	-	33.00
8 x 4	8.62	6.870	0.875	4.50	3.152	0.674	6.00	-	33.00
8 x 3	8.62	6.870	0.875	3.50	2.300	0.600	6.00	-	33.00
10 x 8	10.75	8.750	1.000	8.62	6.870	0.875	7.00	-	48.00
10 x 6	10.75	8.750	1.000	6.62	4.892	0.864	7.00	-	58.00
10 x 5	10.75	8.750	1.000	5.56	4.060	0.750	7.00	-	54.00
10 x 4	10.75	8.750	1.000	4.50	3.152	0.674	7.00	-	52.00
12 x 10	12.75	10.750	1.000	10.75	8.750	1.000	8.00	-	95.00
12 x 8	12.75	10.750	1.000	8.62	6.870	0.875	8.00	-	85.00
12 x 6	12.75	10.750	1.000	6.62	4.892	0.864	8.00	-	80.00
12 x 5	12.75	10.750	1.000	5.56	4.060	0.750	8.00	-	80.00
12 x 4	12.75	10.750	1.000	4.50	3.512	0.674	8.00	-	80.00

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