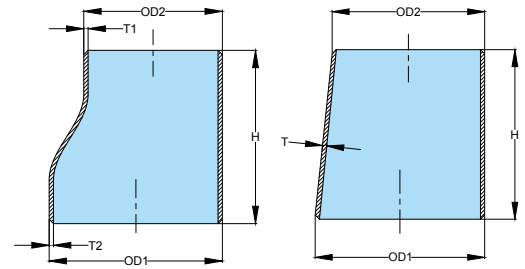




Reducer

(Eccentric)



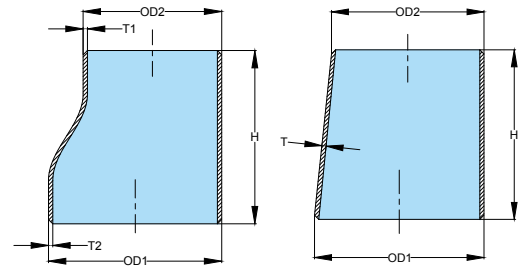
ANSI /ASME B16.9 (1986) & ANSI/ASME B16.28 (1986)

Nominal Pipe Size NPS	Outside Diameter OD		180° End to End
	OD1	OD2	H
3/4*1/2	26.7	21.3	38
3/4*3/8	26.7	17.3	38
1*3/4	33.4	26.7	51
1*1/2	33.4	21.3	51
1 1/4*1	42.2	33.4	51
1 1/4*3/4	42.2	26.7	51
1 1/4*1/2	42.2	21.3	51
1 1/2*1 1/4	48.3	42.2	64
1 1/2*1	48.3	33.4	64
1 1/2*3/4	48.3	26.7	64
1 1/2*1/2	48.3	21.3	64
2*1 1/2	60.3	48.3	76
2*1 1/4	60.3	42.2	76
2*1	60.3	33.4	76
2*3/4	60.3	26.7	76
2 1/2*2	73.0	60.3	89
2 1/2*1 1/2	73.0	48.3	89
2 1/2*1 1/4	73.0	42.2	89
2 1/2*1	73.0	33.4	89
3*2 1/2	88.9	73.0	89
3*2	88.9	60.3	89
3*1 1/2	88.9	48.3	89
3*1 1/4	88.9	42.2	89
3 1/2*3	101.6	88.9	102
3 1/2*2 1/2	101.6	73.0	102
3 1/2*2	101.6	60.3	102
3 1/2*1 1/2	101.6	48.3	102
3 1/2*1 1/4	101.6	42.2	102
4*3 1/2	114.3	101.6	102
4*3	114.3	88.9	102
4*2 1/2	114.3	73.0	102
4*2	114.3	60.3	102
4*1 1/2	114.3	48.3	102
5*4	141.3	114.3	127
5*3 1/2	141.3	101.6	127
5*3	141.3	88.9	127
5*2 1/2	141.3	73.0	127



Reducer

(Eccentric)



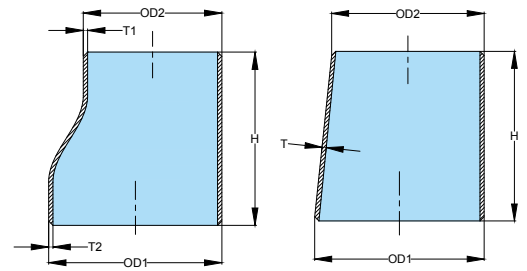
ANSI /ASME B16.9 (1986) & ANSI/ASME B16.28 (1986)

Nominal Pipe Size NPS	Outside Diameter OD		180° End to End
	OD1	OD2	H
5*2	141.3	60.3	127
6*5	168.3	141.3	140
6*4	168.3	114.3	140
6*3 1/2	168.3	101.6	140
6*3	168.3	88.9	140
6*2 1/2	168.3	73.3	140
8*6	219.1	168.3	152
8*5	219.1	141.3	152
8*4	219.1	114.3	152
8*3 1/2	219.1	101.6	152
10*8	273.0	219.1	178
10*6	273.0	168.3	178
10*5	273.0	141.3	178
10*4	273.0	114.3	178
12*10	323.8	273.0	203
12*8	323.8	219.1	203
12*6	323.8	168.3	203
12*5	323.8	141.3	203
14*12	355.6	323.8	330
14*10	355.6	273.0	330
14*8	355.6	219.1	330
14*6	355.6	168.3	330
16*14	406.4	355.6	356
16*12	406.4	323.8	356
16*10	406.4	273.0	356
16*8	406.4	219.1	356
18*16	457	406.4	381
18*14	457	355.6	381
18*12	457	323.8	381
18*10	457	273.0	381
20*18	508	457	508
20*16	508	406.4	508
20*14	508	355.6	508
20*12	508	323.8	508
22*20	559	508	508
22*18	559	457	508
22*16	559	406.4	508



Reducer

(Eccentric)



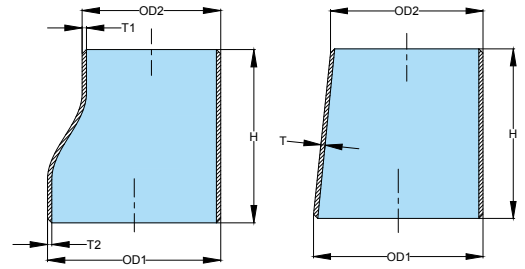
ANSI /ASME B16.9 (1986) & ANSI/ASME B16.28 (1986)

Nominal Pipe Size NPS	Outside Diameter OD		180° End to End
	OD1	OD2	H
22*14	559	355.6	508
24*22	610	559	508
24*20	610	508	508
24*18	610	457	508
24*16	610	406.4	508
26*24	660	610	610
26*22	660	559	610
26*20	660	508	610
26*18	660	457	610
28*26	711	660	610
28*24	711	610	610
28*20	711	508	610
28*18	711	457	610
30*28	762	711	610
30*26	762	660	610
30*24	762	610	610
30*20	762	508	610
32*30	813	762	610
32*28	813	711	610
32*26	813	660	610
32*24	813	610	610
34*32	864	813	610
34*30	864	762	610
34*26	864	660	610
34*24	864	610	610
36*34	914	864	610
36*32	914	813	610
36*30	914	762	610
36*26	914	660	610
38*36	965	914	610
38*34	965	864	610
38*32	965	813	610
38*30	965	762	610
38*28	965	711	610
38*26	965	660	610
40*38	1016	965	610
40*36	1016	914	610



Reducer

(Eccentric)



ANSI /ASME B16.9 (1986) & ANSI/ASME B16.28 (1986)

Nominal Pipe Size NPS	Outside Diameter OD		180° End to End
	OD1	OD2	H
40*34	1016	864	610
40*32	1016	813	610
40*30	1016	762	610
42*40	1067	1016	610
42*38	1067	965	610
42*36	1067	914	610
42*34	1067	864	610
42*32	1067	813	610
42*30	1067	762	610
44*42	1118	1067	610
44*40	1118	1016	610
44*38	1118	965	610
44*36	1118	914	610
46*44	1168	1118	711
46*42	1168	1067	711
46*40	1168	1016	711
46*38	1168	965	711
48*46	1219	1168	711
48*44	1219	1118	711
48*42	1219	1067	711
48*40	1219	1016	711