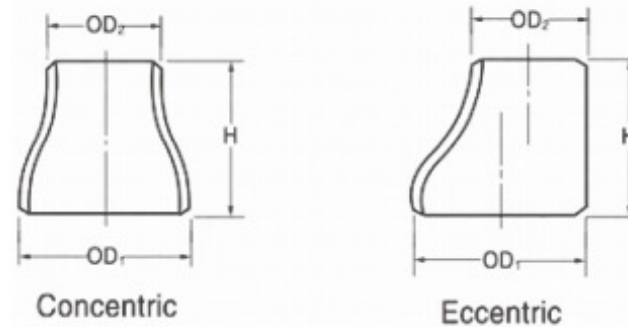


SPECIFICATION

Reducers (Concentric and Eccentric)

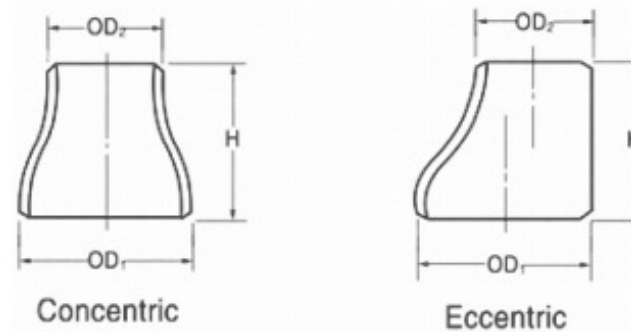


ASME/ANSI B16.9

Nominal Pipe Size		Outside Diameter at Bevel, OD		End-to-End
DN	NPS	Large End	Small End	H
20x 15	3/4"x 1/2"	26.7	21.3	38
25x 20	1"x3/4"	33.4	26.7	51
25x 15	1"x1/2"	33.4	21.3	
32x 25	1-1/4" x1"	42.2	33.4	51
32x 20	1-1/4"x3/4"	42.2	26.7	
32x1 5	1-1/4"x1/2"	42.2	21.3	
40 x32	1-1/2"x1-1/4"	48.3	42.2	64
40x25	1- 1/2 "x1"	48.3	33.4	
40x20	1- 1/2"x3/4"	48.3	26.7	
40x 15	1-1/2"x1/2"	48.3	21.3	
50x40	2"x 1-1/2"	60.3	48.3	
50x32	2' x1- 1/4"	60.3	42.2	76
50x25	2"x1"	60.3	33.4	
50x20	2"x3/4"	60.3	26.7	
50x15	2"x 1/2"	60.3	21.3	
65x 50	2-1/2" x2"	73	60.3	89
65x40	2-1/2"x1-1/2"	73	48.3	
65x 32	2-1/2"x1-1/4"	73	42.2	
65x25	2-1/2"x1"	73	33.4	
80x65	3"x 2-1/2"	88.9	73	

SPECIFICATION

Reducers (Concentric and Eccentric)

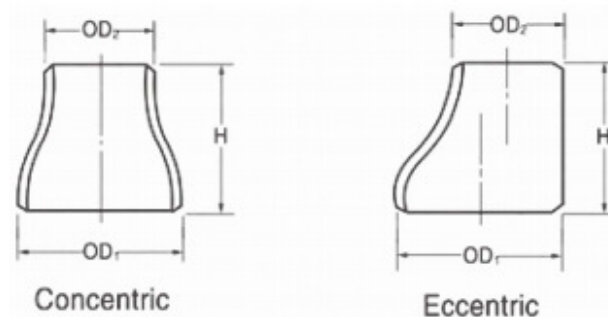


ASME/ANSI B16.9

Nominal Pipe Size		Outside Diameter at Bevel, OD		End-to-End
DN	NPS	Large End	Small End	H
80x50	3"x 2"	88.9	60.3	89
80x40	3"x 1-1/2"	88.9	48.3	
80x32	3"x1-1/4 "	88.9	42.2	
80x25	3"x1"	88.9	33.4	
90x80	3-1/2"x 3"	101.6	88.9	102
90x65	3- 1/2"x2-1/2"	101.6	73	
90x50	3-1/2"x 2"	101.6	60.3	
90x40	3-1/2 "x 1-1/2"	101.6	48.3	
90x32	3- 1/2"x 1-1/4"	101 .6	42 .2	
100x90	4"x 3-1/2"	114 .3	101.6	102
100x80	4 "x 3"	114 .3	88.9	
100x65	4 "x 2-1/2"	114 .3	73	
100x50	4 "x2"	114 .3	60.3	
100x40	4 "x 1-1/2"	114.3	48.3	
100x 32	4 "x1-1/4"	114.3	42.2	
100x25	4"x 1"	114.3	33.4	127
125x100	5"x4"	141 .3	114.3	
125x 90	5"x3-1/2"	141 .3	101.6	
125x80	5"x 3"	141.3	88.9	
125x65	5"x2-1/2"	141 .3	73	

SPECIFICATION

Reducers (Concentric and Eccentric)

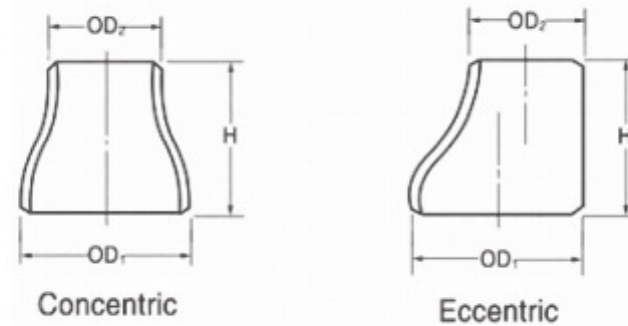


ASME/ANSI B16.9

Nominal Pipe Size		Outside Diameter at Bevel, OD		End-to-End
DN	NPS	Large End	Small End	H
125x50	5"x 2"	141 .3	60.3	140
150x125	6"x 5"	168.3	141 .3	
150x100	6"x 4"	168.3	114 .3	
150x 90	6"x 3-1/2"	168.3	101.6	
150x 80	6"x 3"	168.3	88.9	
150x 65	6"x 2-1/2"	168.3	73	
150x 50	6"x2"	168.3	60.3	
200x150	8"x6"	219.1	168.3	152
200x 125	8"x5"	219 .1	141.3	
200x100	8"x4"	219 .1	114.3	
200x90	8"x 3-1/2"	219 .1	101.6	
250x200	10"x8"	273	219.1	178
250x150	10"x6"	273	168.3	
250x125	10"x 5"	273	141 .3	
250x100	10"x4"	273	114.3	
300x250	12"x 10"	323.8	273	
300x200	12"x 8"	323.8	219 .1	203
300x 150	12"x6"	323.8	168.3	
300x 125	12"x 5"	323.8	141.3	
350x 300	14"x12"	355 .6	323.8	

SPECIFICATION

Reducers (Concentric and Eccentric)

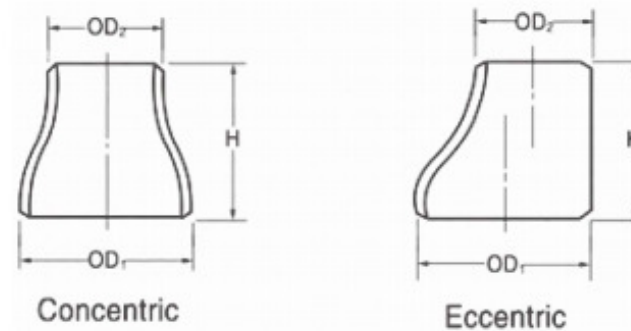


ASME/ANSI B16.9

Nominal Pipe Size		Outside Diameter at Bevel, OD		End-to-End
DN	NPS	Large End	Small End	H
350x 250	14 "x10"	355.6	273	330
350x 200	14" x 8"	355.6	219.1	
350x150	14"x 6"	355.6	168.3	
400x350	16"x14 "	406.4	355 .6	356
400x300	16"x12"	406.4	323.8	
400x250	16"x 10"	406.4	273	
400x200	16"x8"	406.4	219 .1	
450x 400	18"x 16"	457	406.4	381
450x350	18"x 14"	457	355 .6	
450x300	18"x 12"	457	323.8	
450x250	18"x 10"	457	273	
500x450	20"x 18"	508	457	508
500x400	20"x16"	508	406.4	
500x 350	20"x14"	508	355.6	
500x 300	20"x12"	508	323.6	
550x 500	22"x20"	559	508	508
550x450	22"x18"	559	457	
550x 400	22"x16"	559	406.4	
550x350	22"x14"	559	355 .6	
600x550	24"x22"	610	559	

SPECIFICATION

Reducers (Concentric and Eccentric)

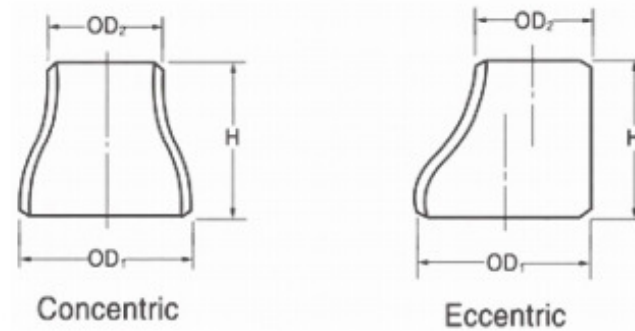


ASME/ANSI B16.9

Nominal Pipe Size		Outside Diameter at Bevel, OD		End-to-End
DN	NPS	Large End	Small End	H
600x500	24 "x20"	610	508	508
600x450	24 "x18"	610	457	
600x400	24"x16"	610	406 .4	
650x600	26"x24"	660	610	
650x550	26"x22"	660	559	
650x500	26"x20"	660	508	
650x450	26"x18"	660	457.2	
700x650	28"x26"	711	660	
700x 600	28"x 24"	711	610	
700x550	28"x22"	711	559	
700x 500	28"x20"	711	508	
750x700	30"x28"	762	711	
750x650	30"x26"	762	660	
750x600	30"x24"	762	610	
750x500	30"x20"	762	508	
800x750	32"x 30"	813	762	
800x700	32"x28"	813	711	
800x650	32"x 26"	813	660	
800x600	32"x24"	813	610	
850x800	34"x32"	864	813	

SPECIFICATION

Reducers (Concentric and Eccentric)

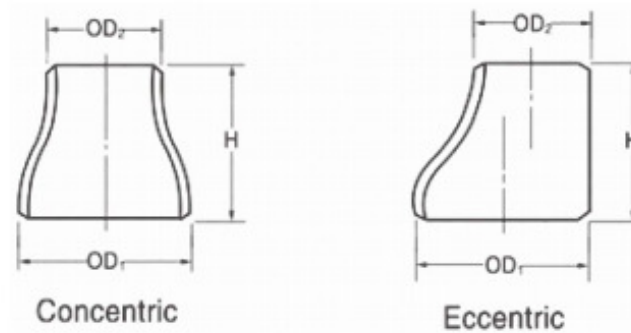


ASME/ANSI B16.9

Nominal Pipe Size		Outside Diameter at Bevel, OD		End-to-End
DN	NPS	Large End	Small End	H
850x750	34"x30"	864	762	610
850x700	34"x28"	864	711	
850x650	34"x26"	864	660	
900x 850	36"x34"	914	864	
900x800	36"x32"	914	813	
900x750	36"x30"	914	762	
900x700	36"x28"	914	711	
950x900	38"x36"	965	914	
950x850	38"x34"	965	864	
950x800	38"x32"	965	813	
950x750	38"x30"	965	762	
950x700	38"x28"	965	711	
1000x950	40"x38"	1016	965	
1000x900	40"x36"	1016	914	
1000x850	40"x34"	1016	864	
1000x800	40"x 32"	1016	8 13	
1050x1000	42"x 40"	1067	1016	
1050x 950	42"x 38"	1067	965	
1050x 900	42"x 36"	1067	914	
1050x 850	42"x34 "	1067	864	

SPECIFICATION

Reducers (Concentric and Eccentric)



ASME/ANSI B16.9

Nominal Pipe Size		Outside Diameter at Bevel,OD		End-to-End
DN	NPS	Large End	Small End	H
1100x1050	44"x42"	1118	1067	711
1100x 1000	44"x40"	1118	1016	
1100x 950	44 "x38"	1118	965	
1100x 900	44"x36"	1118	914	
1150x1100	46"x44"	1168	1118	
1150x1000	46"x42"	1168	1067	
1150x 900	46"x40"	1168	1016	
1150x800	46"x 38"	1168	965	
1200x1150	48" x 46"	1219	1168	
1200x1100	48" x 44"	1219	1118	
1200x1050	48" x42"	1219	1067	
1200x1000	48"x40"	1219	1016	

Note:

- All dimensions are in millimeters
- Outlet dimension M for run size NPS 14 and larger is recommended but not required