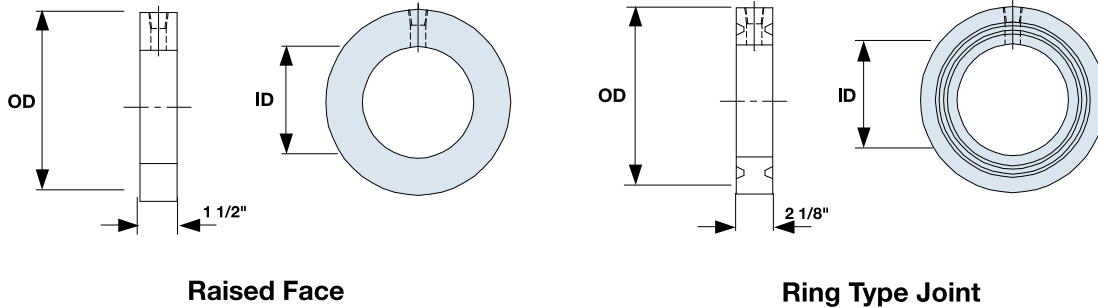


BLEED/TEST RINGS



RAISED FACE

Pipe Size	All sizes	150#	300#	600#	900#	1500#
	ID	OD	OD	OD	OD	OD
1	1.32	2.50	2.75	2.75	3	3
1-1/2	1.90	3.25	3.63	3.625	3.75	3.75
2	2.38	4.00	4.25	4.25	5.5	5.5
2-1/2	2.88	4.75	5.00	5	6.375	6.375
3	3.50	5.25	5.75	5.75	6.5	6.75
4	4.50	6.75	7.00	7.5	8	8.125
6	6.63	8.63	9.75	10.375	11.25	11
8	8.63	10.88	12.00	12.5	14	13.75
10	10.75	13.25	14.13	15.63	17	17
12	12.75	16.00	16.50	17.75	19.375	20.25

RING TYPE JOINTS

Pipe Size	All sizes	300,600#	Ring #	900#	Ring #	1500#	Ring #	2500#	Ring #
	ID	OD		OD		OD		OD	
1	1.32	2.75	R-16	2.81	R-16	2.812	R-16	3.25	R-18
1-1/2	1.90	3.56	R-20	3.63	R-20	3.625	R-20	4.5	R-23
2	2.38	4.25	R-23	4.88	R-24	4.875	R-24	5.25	R-26
2-1/2	2.88	5.00	R-26	5.38	R-27	5.375	R-27	5.875	R-28
3	3.50	5.75	R-31	6.13	R-31	6.625	R-35	6.625	R-32
4	4.50	6.88	R-37	7.13	R-37	7.625	R-39	8	R-38
6	6.63	9.50	R-45	9.50	R-45	9.75	R-46	11	R-47
8	8.63	11.88	R-49	12.13	R-49	12.5	R-50	13.375	R-51
10	10.75	14.00	R-53	14.25	R-53	14.625	R-54	16.75	R-55
12	12.75	16.25	R-57	16.50	R-57	17.25	R-58	19.5	R-60

Standard Features:

Thicknesses based on carbon steel A105/A516 Gr.70 or SS304/316
 Serrated machined face in accordance with ASME B16.5:
 For ANSI 150# and 300# 250-500 AARH
 For ANSI 600# and above 125-250 AARH
 1/2" NPT Tap for Raised Face, 3/4" tap for RTJ

Options:

Socket weld tap
 Larger sizes and pressure ratings available
 Alloy materials and special coatings.
 3/4" Tap

Octagonal ring on Male RTJ's, unless oval is specified.