

BLEED RING DIMENSIONAL DATA

Dimensions in inches — per ASME B16.5 | A = Inside Bore • B = Outside Diameter

Pipe Size (NPS)	150 A	150 B	300 A	300 B	600 A	600 B	900 A	900 B	1500 A	1500 B	2500 A	2500 B
1	1.00	2.50	1.00	2.75	1.00	2.75	1.00	3.00	1.05	3.00	1.05	3.25
1 1/2	1.50	3.25	1.50	3.62	1.50	3.62	1.50	3.75	1.61	3.75	1.61	4.50
2	2.12	4.00	2.12	4.25	2.12	4.25	2.12	5.50	2.07	5.50	2.07	5.62
2 1/2	2.62	4.75	2.62	5.00	2.62	5.00	2.62	6.38	2.47	6.38	2.47	6.50
3	3.12	5.25	3.12	5.75	3.12	5.75	3.12	6.50	3.07	6.75	3.07	7.62
4	4.12	6.75	4.12	7.00	4.12	7.50	4.12	8.00	4.03	8.12	4.03	9.12
5	5.12	7.62	5.12	8.38	5.12	9.38	5.12	9.62	5.05	9.88	5.05	10.88
6	6.12	8.62	6.12	9.75	6.12	10.38	6.12	11.25	6.06	11.00	6.06	12.38
8	8.12	10.88	8.12	12.00	8.12	12.50	8.12	14.00	7.98	13.75	7.81	15.12
10	10.12	13.25	10.12	14.12	10.12	15.62	10.12	17.00	10.02	17.00	9.75	18.62
12	12.12	16.00	12.12	16.50	12.12	17.88	12.12	19.50	11.94	20.38	11.37	21.50
14	14.00	17.62	14.00	19.00	13.62	19.25	13.62	20.38	13.12	22.62	—	—
16	16.00	20.12	16.00	21.12	15.62	22.12	15.62	22.50	15.00	25.12	—	—
18	18.00	21.50	18.00	23.38	17.62	24.00	17.62	25.00	16.88	27.62	—	—
20	20.00	23.75	20.00	25.62	19.56	26.75	19.56	27.38	18.81	29.62	—	—
24	24.00	28.12	24.00	30.38	23.50	31.00	23.50	32.88	22.62	35.38	—	—

Standard Bleed Ring Thickness

Tap NPS Size	Ring Thickness
1/2"	1-1/2"
3/4"	1-1/2"
1"	2"

NOTES

- Standard taps: 1/2" or 3/4" NPT (threaded) or socket weld. 1" NPT and above requires thicker ring.
- Female ring joint facing available thickness will be as per ASME RTJ.
- Figure 8 blinds plus the following: (1/2" NPT + 7/8") – (3/4" NPT + 1") – (1" NPT + 1-3/8")
- Standard gasket surface finish: 125–250 RMS serrated. Other finishes must be specified.
- Dimensions per ASME B16.5. All values are reference only — consult applicable codes for design use.