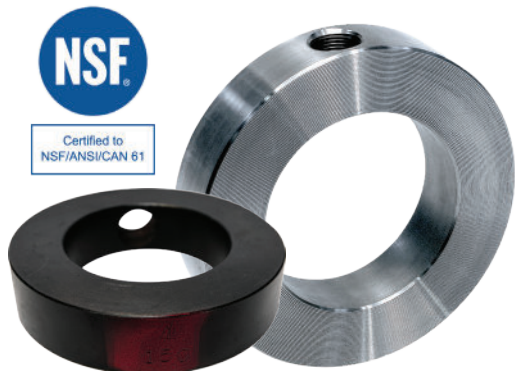




# BLEED | DRIP | VENT RINGS

AVAILABLE 24/7 / 365



### USES / GENERAL INFORMATION:

- Designed for connecting valves & instruments to piping systems
- Safely releases excess pressure from pipelines or vessels
- Helps maintain safe pressure levels, safeguarding equipment, personnel, and the environment from overpressurization risks
- Provides access points for draining fluids or collecting samples without system depressurization
- Manufactured in-house — can be modified as needed
- Carbon steel products get one coat of black lacquer
- NSF ANSI/CAN 61 certification applies to SS products

### WHEN ORDERING, SPECIFY:

- Flange Rating
- Line Size
- Material
- Gasket Surface Type
- Number, Size & Type of Bleed Holes - Threaded or Socket Weld
- Quantity
- Delivery Date

### RING TYPE JOINT BLEED RING DIMENSIONS

SIZE (IN)	O. D. (IN)															
	300# / 400# / 600#				900#				1500#				2500#			
	OD	ID	Ring #	Thk	OD	ID	Ring #	Thk	OD	ID	Ring #	Thk	OD	ID	Ring #	Thk
0.5	—	—	—	—	2.375	.625	R-12		2.375	.625	R-12		2.562	.625	R-13	
0.75	—	—	—	—	2.625	.875	R-14	2.00	2.625	.875	R-14	2.00	2.875	.875	R-16	2.00
1	2.75	1.32	R16		2.812	1.32	R16		2.812	1.32	R16		3.25	1.32	R18	
1.5	3.562	1.90	R20		3.625	1.90	R20		3.625	1.90	R20		4.50	1.90	R23	
2	4.25	2.375	R23		4.875	2.375	R24		4.875	2.375	R24		5.25	2.375	R26	
2.5	5.00	2.875	R26		5.375	2.875	R27		5.375	2.875	R27		5.875	2.875	R28	
3	5.75	3.50	R31		6.125	3.50	R31		6.625	3.50	R35	2.125	6.625	3.50	R32	2.50
4	6.875	4.50	R37		7.125	4.50	R37	2.125	7.625	4.50	R39		8.00	4.50	R38	
6	9.50	6.625	R45		9.50	6.625	R45		9.75	6.625	R46		11.00	6.625	R47	
8	11.875	8.625	R49	2.125	12.125	8.625	R49		12.50	8.625	R50		13.375	8.625	R51	
10	14.00	10.75	R53		14.25	10.75	R53		14.625	10.75	R54		16.75	10.75	R55	2.75
12	16.25	12.75	R57		16.50	12.75	R57		17.25	12.75	R58	2.50	19.50	12.75	R60	
14	18.00	14.00	R61		18.375	14.00	R62		19.25	14.00	R63					
16	20.00	16.00	R65		20.62	16.00	R66		21.50	16.00	R67					
18	22.62	18.00	R69		23.38	18.00	R70		24.12	18.00	R71	2.75				
20	25.00	20.00	R73		25.00	20.00	R74	2.50	26.50	20.00	R75					
24	29.50	24.00	R77		30.38	24.00	R78		31.25	24.00	R79	3.00				



SPECIFICATION	DETAILS
<b>STANDARD SIZES</b>	1/2" – 14" (larger sizes available)
<b>FACE TYPES</b>	Raised • RTJ Female (standard) — male available
<b>STANDARD MATERIALS</b>	ASTM A516-GR.70 CS • 304 / 316 SS (other alloys available)
<b>FACE SURFACES</b>	Serrated (125/250 RMS) • Mill (smooth)
<b>GASKET TYPES</b>	Oval • Octagonal
<b>TAP TYPES</b>	1/2" or 3/4" Threaded • Socket Weld (SW)
<b>AVAILABILITY</b>	Purchase or Rent

ANSI STANDARD B16.5	ANSI STANDARD B16.20	ASME STANDARD B16.47 (larger diameter flanges)

### RAISED FACE BLEED RING DIMENSIONS

SIZE (IN)	O. D. (IN)						I. D. (IN)	THK. (IN)
	150#	300#	600#	900#	1500#	2500#		
0.5	1.75	2.00	2.00	2.375	2.375	2.625	0.625	
0.75	2.125	2.50	2.50	2.625	2.625	2.875	0.875	
1	2.50	2.75	2.75	3.00	3.00	3.375	1.32	
1.5	3.25	3.625	3.625	3.75	3.75	4.625	1.90	
2	4.00	4.25	4.25	5.50	5.50	5.75	2.375	
2.5	4.75	5.00	5.00	6.375	6.375	6.625	2.875	
3	5.25	5.75	5.75	6.50	6.75	7.75	3.50	
4	6.75	7.00	7.50	8.00	8.125	9.25	4.50	
6	8.625	9.75	10.375	11.25	11.00	12.125	6.625	
8	10.875	12.00	12.50	14.00	13.75	15.25	8.625	
10	13.25	14.125	15.625	17.00	17.00	18.75	10.75	
12	16.00	16.50	17.75	19.375	20.25	21.625	12.75	
14	17.625	19.00	19.125	20.25	22.50	—	14.00	
16	20.125	21.125	22.00	22.375	25.00	—	16.00	
18	21.50	23.375	23.875	24.875	27.50	—	18.00	
20	23.75	25.625	26.625	27.25	29.50	—	20.00	
24	28.125	30.375	30.875	32.75	35.25	—	24.00	