

YOUR TRUSTED PERFORMANCE PARTNER.

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Threaded Products | Fasteners & Gaskets | Precision Machining



STYLE R

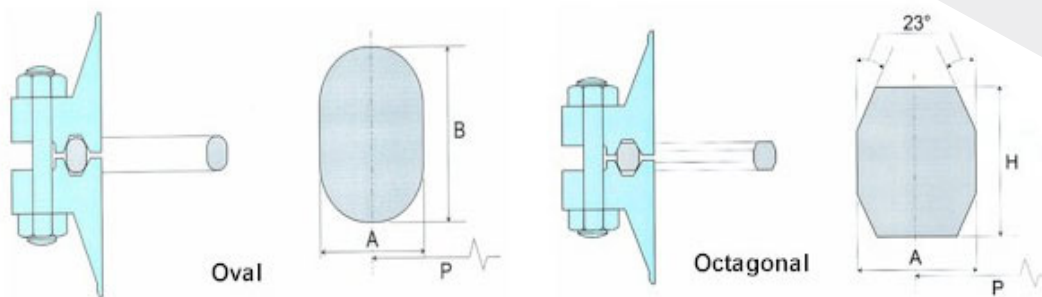
R ring joint gaskets are manufactured to the specifications of both API 6A and ASME B16.20. They are manufactured in both oval and octagonal configurations which are interchangeable on modern flange grooves.

PERFORMANCE THAT COUNTS.

R Ring Joint gaskets can be manufactured in accordance with all relevant standards to suit the following flange designations:

ASME / ANSI B16.5
MSS SP44 (ASME 16.47 SERIES A)
BS 1560

A* width of ring	+/- 0.008,-0.000
H* height of ring	+/- 0.008,-0.000
OD (outside diameter of ring)	+/- 0.020,-0.000
23° (angle)	+/- 1/2°
Tolerances: (inches)	



Note: When ordering, please specify ring no. (or nominal size / pressure class) and material.

(*) Denotes ring number specified in API 6A.

Nominal pipe sizes marked (**) apply to class rating 2000 only.

Nominal pipe sizes in brackets apply to class rating 3000 only.

WE PERFORM SO YOU CAN PERFORM.

Ring No.	Pressure Class Ratings							Pitch Diameter of Ring	Width of Ring	Height of Ring		Approx Distance Between Made Up Flangesff	Gasket Weights, lbs.	
	ANSI, BS & MSS				API (psi)					Oval	Octagonal		Oval	Octagonal
	150	300/600	900	1500	2500	2000/3000	5000							
	Nominal Pipe Size									P	A		B	H
R11	-	1/2	-	-	-	-	-	1.344	0.250	0.44	0.38	-	0.111	0.104
R12	-	-	1/2	1/2	-	-	-	1.563	0.313	0.56	0.50	-	0.216	0.200
R13	-	3/4	-	-	1/2	-	-	1.688	0.313	0.56	0.50	-	0.234	0.216
R14	-	-	w3/4	3/4	-	-	-	1.750	0.313	0.56	0.50	-	0.242	0.224
R15	1	-	-	-	-	-	-	1.875	0.313	0.56	0.50	-	0.260	0.240
R16	-	1	1	1	3/4	-	-	2.000	0.313	0.56	0.50	-	0.278	0.256
R17	1-1/4	-	-	-	-	-	-	2.250	0.313	0.56	0.50	-	0.311	0.288
R18	-	1 1/4	1 1/4	1 1/4	1	-	-	2.375	0.313	0.56	0.50	-	0.328	0.304
R19	1 1/2	-	-	-	-	-	-	2.563	0.313	0.56	0.50	-	0.354	0.328
R20*	-	1 1/2	1 1/2	1 1/2	-	-	-	2.688	0.313	0.56	0.50	0.16	0.372	0.344
R21	-	-	-	-	1 1/4	-	-	2.844	0.438	0.69	0.63	-	0.660	0.643
R22	2	-	-	-	-	-	-	3.250	0.313	0.56	0.50	-	0.450	0.415
R23*	-	2	-	-	1 1/2	2 1/16	-	3.250	0.438	0.69	0.63	0.19	0.755	0.734
R24*	-	-	2	2	-	2 1/16	2	3.750	0.438	0.69	0.63	0.19	0.870	0.846
R25	2 1/2	-	-	-	-	-	-	4.000	0.313	0.56	0.50	-	0.553	0.510
R26*	-	2 1/2	-	-	2	2 9/16	-	4.000	0.438	0.69	0.63	0.19	0.930	0.904
R27*	-	-	2 1/2	2 1/2	-	(2 9/16)	2 9/16	4.250	0.438	0.69	0.63	0.19	1.050	0.960
R28	-	-	-	-	2 1/2	-	-	4.375	0.500	0.75	0.69	-	1.255	1.230
R29	3	-	-	-	-	-	-	4.500	0.313	0.56	0.50	-	0.622	0.575
R30	-	3	-	-	-	-	-	4.625	0.438	0.69	0.63	-	1.075	1.047
R31*	-	3	3	-	-	3 1/8	-	4.875	0.438	0.69	0.63	0.19	1.130	1.100
R32	-	-	-	-	3	-	-	5.000	0.500	0.75	0.69	-	1.435	1.405
R33	3 1/2	-	-	-	-	-	-	5.188	0.313	0.56	0.50	-	0.718	0.664
R34	-	3 1/2	-	-	-	-	-	5.188	0.438	0.69	0.63	-	1.200	1.170
R35*	-	-	-	3	-	-	3 1/8	5.375	0.438	0.69	0.63	0.19	1.250	1.210
R36	4	-	-	-	-	-	-	5.875	0.313	0.56	0.50	-	0.813	0.735
R37*	-	4	4	-	-	4 1/16	-	5.875	0.438	0.69	0.63	0.19	1.360	1.330
R38	-	-	-	-	4	-	-	6.188	0.625	0.88	0.81	-	2.560	2.520
R39*	-	-	-	4	-	-	4 1/16	6.375	0.438	0.69	0.63	0.19	1.480	1.440
R40	5	-	-	-	-	-	-	6.750	0.313	0.56	0.50	-	0.935	0.865
R41*	-	5	5	-	-	-	-	7.125	0.438	0.69	0.63	0.19	1.660	1.610
R42	-	-	-	-	5	-	-	7.500	0.750	1.00	0.94	-	4.210	4.160
R43	6	-	-	-	-	-	-	7.625	0.313	0.56	0.50	-	1.055	0.975
R44*	-	-	-	5	-	-	-	7.625	0.438	0.69	0.63	0.19	1.770	1.730
R45*	-	6	6	-	-	7 1/16	-	8.313	0.438	0.69	0.63	0.19	1.930	1.880
R46*	-	-	-	6	-	-	7 1/16	8.313	0.500	0.75	0.69	0.13	2.390	2.330
R47*	-	-	-	-	6	-	-	9.000	0.750	1.00	0.94	0.16	5.060	4.990

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Ring No.	Pressure Class Ratings							Pitch Diameter of Ring	Width of Ring	Height of Ring		Approx Distance Between Made Up Flangesff	Gasket Weights, lbs.	
	ANSI, BS & MSS				API (psi)					Oval	Octagonal		Oval	Octagonal
	150	300/600	900	1500	2500	2000/3000	5000							
	Nominal Pipe Size									P	A		B	H
R48	8	-	-	-	-	-	-	9.750	0.313	0.56	0.50	-	1.350	1.240
R49*	-	8	8	-	-	9	-	10.625	0.438	0.69	0.63	0.19	2.400	2.340
R50*	-	-	-	8	-	-	9	10.625	0.625	0.88	0.81	0.16	4.400	4.320
R51	-	-	-	-	8	-	-	11.000	0.875	1.13	1.06	-	8.050	8.170
R52	10	-	-	-	-	-	-	12.000	0.313	0.56	0.50	-	1.660	1.530
R53*	-	10	10	-	-	11	-	12.750	0.438	0.69	0.63	0.19	3.000	2.880
R54*	-	-	-	10	-	-	11	12.750	0.625	0.88	0.81	0.16	5.290	5.180
R55	-	-	-	-	10	-	-	13.500	1.125	1.44	1.38	-	16.230	17.040
R56	12	-	-	-	-	-	-	15.000	0.313	0.56	0.69	-	2.070	1.920
R57*	-	12	12	-	-	13 5/8	-	15.000	0.438	0.69	0.63	0.19	3.480	3.380
R58	-	-	-	12	-	-	-	15.000	0.875	1.13	1.06	-	11.000	11.130
R59	14	-	-	-	-	-	-	15.625	0.313	0.56	0.50	-	2.160	2.000
R60	-	-	-	-	12	-	-	16.000	1.250	1.56	1.50	-	23.100	23.500
R61	-	14	-	-	-	-	-	16.500	0.438	0.69	0.63	-	3.830	3.730
R62	-	-	14	-	-	-	-	16.500	0.625	0.88	0.81	-	6.840	6.710
R63*	-	-	-	14	-	-	-	16.500	1.000	1.31	1.25	0.22	16.200	16.670
R64	16	-	-	-	-	-	-	17.875	0.313	0.56	0.50	-	2.470	2.290
R65*	-	16	-	-	-	16 3/4**	-	18.500	0.438	0.69	0.63	0.19	4.300	4.180
R66*	-	-	16	-	-	(16)	-	18.500	0.625	0.88	0.81	0.16	7.670	7.530
R67	-	-	-	16	-	-	-	18.500	1.125	1.44	1.38	-	22.300	23.400
R68	18	-	-	-	-	-	-	20.375	0.313	0.56	0.50	-	2.820	2.600
R69*	-	18	-	-	-	-	-	21.000	0.438	0.69	0.63	0.19	4.870	4.740
R70*	-	-	18	-	-	(18)	-	21.000	0.750	1.00	0.94	0.19	11.800	11.640
R71	-	-	-	18	-	-	-	21.000	1.125	1.44	1.38	-	25.200	26.500
R72	20	-	-	-	-	-	-	22.000	0.313	0.56	0.50	-	3.040	2.810
R73*	-	20	-	-	-	21 1/4**	-	23.000	0.500	0.75	0.69	0.13	6.600	6.470
R74*	-	-	20	-	-	(20 3/4)	-	23.000	0.750	1.00	0.94	0.19	12.950	12.750
R75	-	-	-	20	-	-	-	23.000	1.250	1.56	1.50	-	33.300	35.300
R76	24	-	-	-	-	-	-	26.500	0.313	0.56	0.50	-	3.660	3.380
R77	-	24	-	-	-	-	-	27.250	0.625	0.88	0.81	-	11.300	11.100
R78	-	-	24	-	-	-	-	27.250	1.000	1.31	1.25	-	27.100	27.580
R79	-	-	-	24	-	-	-	27.250	1.375	1.75	1.63	0.19	48.700	49.750
R80	22	-	-	-	-	-	-	24.250	0.313	-	0.50	-	-	3.110
R81	-	22	-	-	-	-	-	25.000	0.563	-	0.75	-	-	8.550
R82*	-	-	-	-	-	-	-	2.250	0.438	-	0.63	0.19	-	0.508
R84*	-	-	-	-	-	-	-	2.500	0.438	-	0.63	0.19	-	0.564
R85*	-	-	-	-	-	-	-	3.125	0.500	-	0.69	0.13	-	0.978

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	ANSI, BS & MSS				API (psi)					Oval	Octagonal		Oval	Octagonal
	150	300/600	900	1500	2500	2000/3000	5000							
	Nominal Pipe Size									P	A		B	H
R86*	-	-	-	-	-	-	-	3.563	0.625	-	0.81	0.16	-	1.447
R87*	-	-	-	-	-	-	-	3.938	0.625	-	0.81	0.16	-	1.597
wR88*	-	-	-	-	-	-	-	4.875	0.750	-	0.94	0.19	-	2.735
R89*	-	-	-	-	-	-	-	4.500	0.750	-	0.94	0.19	-	2.528
R90*	-	-	-	-	-	-	-	6.125	0.875	-	1.06	0.19	-	4.550
R91*	-	-	-	-	-	-	-	10.250	1.250	-	1.50	0.16	-	15.050
R92	-	-	-	-	-	-	-	9.000	0.438	0.69	0.63	-	2.070	2.020
R93	-	26	-	-	-	-	-	29.500	0.750	-	0.94	-	-	16.330
R94	-	28	-	-	-	-	-	31.500	0.750	-	0.94	-	-	17.440
R95	-	30	-	-	-	-	-	33.750	0.750	-	0.94	-	-	18.690
R96	-	32	-	-	-	-	-	36.000	0.875	-	1.06	-	-	26.650
R97	-	34	-	-	-	-	-	38.000	0.875	-	1.06	-	-	28.130
R98	-	36	-	-	-	-	-	40.250	0.875	-	1.06	-	-	29.790
R99*	-	-	-	-	-	-	-	9.250	0.438	-	0.63	0.19	-	2.080
R100	-	-	26	-	-	-	-	29.500	1.125	-	1.38	-		
R101	-	-	28	-	-	-	-	31.500	1.250	-	1.50	-		
R102	-	-	30	-	-	-	-	33.750	1.250	-	1.50	-		
R103	-	-	32	-	-	-	-	36.000	1.250	-	1.50	-		
R104	-	-	34	-	-	-	-	38.000	1.375	-	1.63	-		
R105	-	-	36	-	-	-	-	40.250	1.375	-	1.63	-		

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