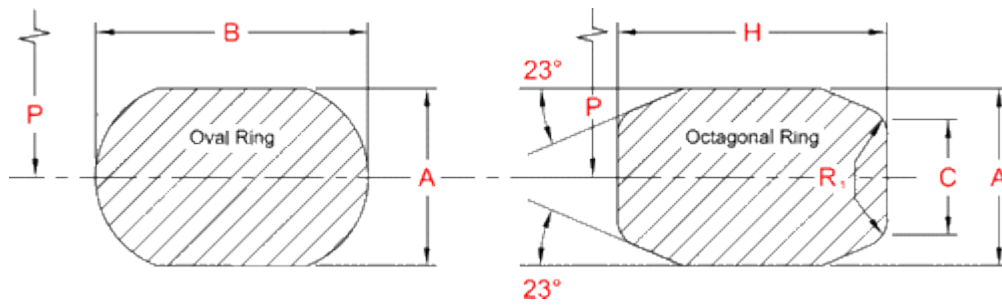




لوجيك للتجهيزات الفنية  
Logic Technical Supplies

## Dimensions and Tolerances Type R Ring Gaskets ASME B16.20 to be used with RTJ flanges ASME B16.5 and B16.47 series A



### ASME B16.5

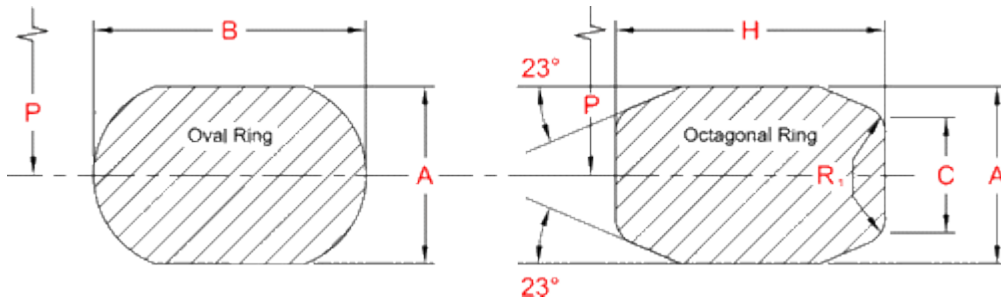
R No	Dia P	Width A	Height		Oct C	Oct R1	NPS CL
			Oval B	Oct H			
R 11	34.14	6.35	11.2	9.7	4.32	1.5	1/2 300 600
R 12	39.7	7.95	14.2	12.7	5.23	1.5	1/2 900 1500
R 13	42.88	7.95	14.2	12.7	5.23	1.5	3/4 300 600 1/2 2500
R 14	44.45	7.95	14.2	12.7	5.23	1.5	3/4 900 1500
R 15	47.63	7.95	14.2	12.7	5.23	1.5	1 150
R 16	50.8	7.95	14.2	12.7	5.23	1.5	1 300 1500 3/4 2500
R 17	57.15	7.95	14.2	12.7	5.23	1.5	1.1/4 150
R 18	60.33	7.95	14.2	12.7	5.23	1.5	1.1/4 300 1500 1 2500
R 19	65.1	7.95	14.2	12.7	5.23	1.5	1.1/2 150
R No	Dia P	Width A	Height		Oct C	Oct R1	NPS CL
			Oval B	Oct H			

R 20	68.28	7.95	14.2	12.7	5.23	1.5	1.1/2 300 1500
R 21	72.24	11.13	17.5	16	7.75	1.5	1.1/4 2500
R 22	82.55	7.95	14.2	12.7	5.23	1.5	2 150
R 23	82.55	11.13	17.5	16	7.75	1.5	2 300 600 1.1/2 2500
R 24	95.25	11.13	17.5	16	7.75	1.5	2 900 1500
R 25	101.6	7.95	14.2	12.7	5.23	1.5	2.1/2 150
R 26	101.6	11.13	17.5	16	7.75	1.5	2.1/2 300 600 2 2500
R 27	107.95	11.13	17.5	16	7.75	1.5	2.1/2 900 1500
R 28	111.13	12.7	19.1	17.5	8.66	1.5	2.1/2 2500
R 29	114.3	7.95	14.2	12.7	5.23	1.5	3 150
R No	Dia P	Width A	Height		Oct C	Oct R1	NPS CL
			Oval B	Oct H			
R 30 *	117.48	11.13	17.5	16	7.75	1.5	3 300 600
R 31	123.83	11.13	17.5	16	7.75	1.5	3 300 900
R 32	127	12.7	19.1	17.5	8.66	1.5	3 2500
R 33	131.78	7.95	14.2	12.7	5.23	1.5	3.1/2 150
R 34	131.78	11.13	17.5	16	7.75	1.5	3.1/2 300 600
R 35	136.53	11.13	17.5	16	7.75	1.5	3 1500
R 36	149.23	7.95	14.2	12.7	5.23	1.5	4 150

R 37	149.23	11.13	17.5	16	7.75	1.5	4 300 900
R 38	157.18	15.88	22.4	20.6	10.49	1.5	4 2500
R 39	161.93	11.13	17.5	16	7.75	1.5	4 1500
R No	Dia P	Width A	Height		Oct C	Oct R1	NPS CL
			Oval B	Oct H			
R 40	171.45	7.95	14.2	12.7	5.23	1.5	5 150
R 41	180.98	11.13	17.5	16	7.75	1.5	5 300 900
R 42	190.5	19.05	25.4	23.9	12.32	1.5	5 2500
R 43	193.68	7.95	14.2	12.7	5.23	1.5	6 150
R 44	193.68	11.13	17.5	16	7.75	1.5	5 1500
R 45	211.15	11.13	17.5	16	7.75	1.5	6 300 900
R 46	211.15	12.7	19.1	17.5	8.66	1.5	6 1500
R 47	228.6	19.05	25.4	23.9	12.32	1.5	6 2500
R 48	247.65	7.95	14.2	12.7	5.23	1.5	8 150
R 49	269.88	11.13	17.5	16	7.75	1.5	8 300 900
R No	Dia P	Width A	Height		Oct C	Oct R1	NPS CL
			Oval B	Oct H			
R 50	269.88	15.88	22.4	20.6	10.49	1.5	8 1500
R 51	279.4	22.23	28.7	26.9	14.81	1.5	8 2500
R 52	304.8	7.95	14.2	12.7	5.23	1.5	10 150
R 53	323.85	11.13	17.5	16	7.75	1.5	10 300 900

R 54	323.85	15.88	22.4	20.6	10.49	1.5	10 1500
R 55	342.9	28.58	36.6	35.1	19.81	2.3	10 2500
R 56	381	7.95	14.2	12.7	5.23	1.5	12 150
R 57	381	11.13	17.5	16	7.75	1.5	12 300 900
R 58	381	22.23	28.7	26.9	14.81	1.5	12 1500
R 59	396.88	7.95	14.2	12.7	5.23	1.5	14 150
R No	Dia P	Width A	Height		Oct C	Oct R1	NPS CL
			Oval B	Oct H			
R 60	406.4	31.75	39.6	38.1	22.33	2.3	12 2500
R 61	419.1	11.13	17.5	16	7.75	1.5	14 300 600
R 62	419.1	15.88	22.4	20.6	10.49	1.5	14 900
R 63	419.1	25.4	33.3	31.8	17.3	2.3	14 1500
R 64	454.03	7.95	14.2	12.7	5.23	1.5	16 150
R 65	469.9	11.13	17.5	16	7.75	1.5	16 300 600
R 66	469.9	15.88	22.4	20.6	10.49	1.5	16 900
R 67	469.9	28.58	36.6	35.1	19.81	2.3	16 1500
R 68	517.53	7.95	14.2	12.7	5.23	1.5	18 150
R 69	533.4	11.13	17.5	16	7.75	1.5	18 300 600
R No	Dia P	Width A	Height		Oct C	Oct R1	NPS CL
			Oval B	Oct H			
R 70	533.4	19.05	25.4	23.9	12.32	1.5	18 900

R 71	533.4	28.58	36.6	35.1	19.81	2.3	18 1500
R 72	558.8	7.95	14.2	12.7	5.23	1.5	20 150
R 73	584.2	12.7	19.1	17.5	8.66	1.5	20 300 600
R 74	584.2	19.05	25.4	23.9	12.32	1.5	20 900
R 75	584.2	31.75	39.6	38.1	22.33	2.3	20 1500
R 76	673.1	7.95	14.2	12.7	5.23	1.5	24 150
R 77	692.15	15.88	22.4	20.6	10.49	1.5	24 300 600
R 78	692.15	25.4	33.3	31.8	17.3	2.3	24 900
R 79	692.15	34.93	44.5	41.4	24.82	2.3	24 1500
R No	Dia P	Width A	Height		Oct C	Oct R1	NPS CL
			Oval B	Oct H			



## ASME B16.47 SERIES A

R No	Dia <b>P</b>	Width <b>A</b>	Height		Oct <b>C</b>	Oct <b>R1</b>	NPS <b>CL</b>
			Oval <b>B</b>	Oct <b>H</b>			
R 93	749.3	19.05		23.9	12.32	1.5	26 300 600
R 94	800.1	19.05		23.9	12.32	1.5	28 300 600
R 95	857.25	19.05		23.9	12.32	1.5	30 300 600
R 96	914.4	22.23		26.9	14.81	1.5	32 300 600
R 97	965.2	22.23		26.9	14.81	1.5	34 300 600
R 98	1022.35	22.23		26.9	14.81	1.5	36 300 600
R 100	749.3	28.58		35.1	19.81	2.3	26 900
R 101	800.1	31.75		38.1	22.33	2.3	28 900
R 102	857.25	31.75		38.1	22.33	2.3	30 900
R 103	914.4	31.75		38.1	22.33	2.3	32 900
R 104	965.2	34.93		41.4	24.82	2.3	34 900
R 105	1022.35	34.93		41.4	24.82	2.3	36 900

## General notes:

All dimensions are in millimeters.

## Tolerances:

**P** = average pitch diameter of ring  $\pm 0.18$

**A** = width of ring  $\pm 0.20$

**B** & **H** = height of ring  $+1.3$ .  $-0.5$

Variation in height throughout the entire circumference of any given ring shall not exceed 0.5 within these tolerances

**C** = width of flat on octagonal ring  $\pm 0.20$

**R1** = radius in ring  $\pm 0.5$

**23** ° = angle  $\pm 0$  ° 30 min

**\*R-30** = for lapped joint only