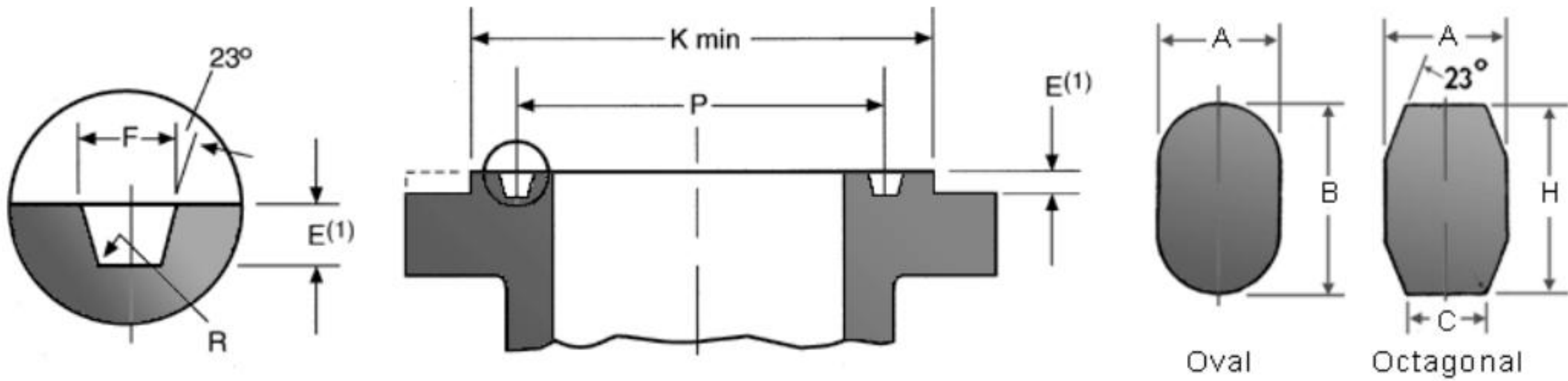




Nominal Pipe Size	Class	Ring & Groove Number	Pitch Diameter Ring & Groove	Groove Dimensions			Diameter Raised Face	Ring Gasket Dimensions			
				Depth	Width	Radius		Width	Height		Width of Flat
									Oval	Octagonal	
P	E	F	R	K	A	B	H	C			
1/2	300-600	R11	1.344	0.219	0.281	0.03	2.00	0.250	0.4375	0.375	0.170
	900-1500	R12	1.562	0.250	0.344	0.03	2.38	0.3125	0.5625	0.500	0.206
	2500	R13	1.688	0.250	0.344	0.03	2.56	0.3125	0.5625	0.500	0.206
3/4	300-600	R13	1.688	0.250	0.344	0.03	2.50	0.3125	0.5625	0.500	0.206
	900-1500	R14	1.750	0.250	0.344	0.03	2.62	0.3125	0.5625	0.500	0.206
	2500	R16	2.000	0.250	0.344	0.03	2.88	0.3125	0.5625	0.500	0.206
1	150	R15	1.875	0.250	0.344	0.03	2.50	0.3125	0.5625	0.500	0.206
	300-600	R16	2.000	0.250	0.344	0.03	2.75	0.3125	0.5625	0.500	0.206
	900-1500	R16	2.000	0.250	0.344	0.03	2.81	0.3125	0.5625	0.500	0.206
	2500	R18	2.375	0.250	0.344	0.03	3.25	0.3125	0.5625	0.500	0.206
1 1/4	150	R17	2.250	0.250	0.344	0.03	2.88	0.3125	0.5625	0.500	0.206
	300-600	R18	2.375	0.250	0.344	0.03	3.12	0.3125	0.5625	0.500	0.206
	900-1500	R18	2.375	0.250	0.344	0.03	3.19	0.3125	0.5625	0.500	0.206
	2500	R21	2.844	0.312	0.469	0.03	4.00	0.3125	0.5625	0.625	0.305
1 1/2	150	R19	2.562	0.250	0.344	0.03	3.25	0.3125	0.5625	0.500	0.206
	300-600	R20	2.688	0.250	0.344	0.03	3.56	0.3125	0.5625	0.500	0.206
	900-1500	R20	2.688	0.250	0.344	0.03	3.62	0.3125	0.5625	0.500	0.206
	2500	R23	3.250	0.312	0.469	0.03	4.50	0.3125	0.5625	0.625	0.305
2	150	R22	3.250	0.250	0.344	0.03	4.00	0.3125	0.5625	0.500	0.206
	300-600	R23	3.250	0.312	0.469	0.03	4.25	0.4375	0.6875	0.625	0.305
	900-1500	R24	3.750	0.312	0.469	0.03	4.88	0.4375	0.6875	0.625	0.305
	2500	R26	4.000	0.312	0.469	0.03	5.25	0.4375	0.6875	0.625	0.305
2 1/2	150	R25	4.000	0.250	0.344	0.03	4.75	0.3125	0.5625	0.500	0.206
	300-600	R26	4.000	0.312	0.469	0.03	5.00	0.4375	0.6875	0.625	0.305
	900-1500	R27	4.250	0.312	0.469	0.03	5.38	0.4375	0.6875	0.625	0.305
	2500	R28	4.375	0.375	0.531	0.06	5.88	0.5000	0.7500	0.688	0.341
3	150	R29	4.500	0.250	0.344	0.03	5.25	0.3125	0.5625	0.500	0.206
	300-600	R31	4.875	0.312	0.469	0.03	5.75	0.4375	0.6875	0.625	0.305
	900	R31	4.875	0.312	0.469	0.03	6.12	0.4375	0.6875	0.625	0.305
	1500	R35	5.375	0.312	0.469	0.03	6.62	0.4375	0.6875	0.625	0.305
	2500	R32	5.000	0.375	0.531	0.06	6.62	0.500	0.750	0.6875	0.341
3 1/2	150	R33	5.188	0.250	0.344	0.03	6.06	0.3125	0.5625	0.500	0.206
	300-600	R34	5.188	0.312	0.469	0.03	6.25	0.4375	0.6875	0.625	0.305
4	150	R36	5.875	0.250	0.344	0.03	6.75	0.3125	0.5625	0.500	0.206
	300-600	R37	5.875	0.312	0.469	0.03	6.88	0.4375	0.6875	0.625	0.305
	900	R37	5.875	0.312	0.469	0.03	7.12	0.4375	0.6875	0.625	0.305
	1500	R39	6.375	0.312	0.469	0.03	7.62	0.4375	0.6875	0.625	0.305
	2500	R38	6.188	0.438	0.656	0.06	8.00	0.6250	0.8750	0.813	0.413
5	150	R40	6.750	0.250	0.344	0.03	7.62	0.3125	0.5625	0.500	0.206
	300-600	R41	7.125	0.312	0.469	0.03	8.25	0.4375	0.6875	0.625	0.305
	900	R41	7.125	0.312	0.469	0.03	8.50	0.4375	0.6875	0.625	0.305
	1500	R44	7.625	0.312	0.469	0.03	9.00	0.4375	0.6875	0.625	0.305
	2500	R42	7.500	0.500	0.781	0.06	9.50	0.7500	1.0000	0.938	0.485
6	150	R43	7.625	0.250	0.344	0.03	8.62	0.3125	0.5625	0.500	0.206
	300-900	R45	8.312	0.312	0.469	0.03	9.50	0.4375	0.6875	0.625	0.305
	1500	R46	8.312	0.375	0.531	0.06	9.75	0.5000	0.7500	0.688	0.341
	2500	R47	9.000	0.500	0.781	0.06	11.00	0.7500	1.0000	0.938	0.485
8	150	R48	9.750	0.250	0.344	0.03	10.75	0.3125	0.5625	0.500	0.206
	300-600	R49	10.625	0.312	0.469	0.03	11.88	0.4375	0.6875	0.625	0.305
	900	R49	10.625	0.312	0.469	0.03	12.12	0.4375	0.6875	0.625	0.305
	1500	R50	10.625	0.438	0.656	0.06	12.50	0.6250	0.8750	0.813	0.413
	2500	R51	11.000	0.562	0.906	0.06	13.38	0.8750	1.1250	1.063	0.583
10	150	R52	12.000	0.250	0.344	0.03	13.00	0.3125	0.5625	0.500	0.206
	300-600	R53	12.750	0.312	0.469	0.03	14.00	0.4375	0.6875	0.625	0.305
	900	R53	12.750	0.312	0.469	0.03	14.25	0.4375	0.6875	0.625	0.305
	1500	R54	12.750	0.438	0.656	0.06	14.62	0.6250	0.8750	0.813	0.413
	2500	R55	13.500	0.688	1.188	0.09	16.75	1.1250	1.4375	1.375	0.780
12	150	R56	15.000	0.250	0.344	0.03	16.00	0.3125	0.5625	0.500	0.206
	300-600	R57	15.000	0.312	0.469	0.03	16.25	0.4375	0.6875	0.625	0.305
	900	R57	15.000	0.312	0.469	0.03	16.50	0.4375	0.6875	0.625	0.305
	1500	R58	15.000	0.562	0.906	0.06	17.25	0.8750	1.1250	1.063	0.583
	2500	R60	16.000	0.688	1.312	0.09	19.50	1.2500	1.5625	1.500	0.879
14	150	R59	15.625	0.250	0.344	0.03	16.75	0.3125	0.5625	0.500	0.206
	300-600	R61	16.500	0.312	0.469	0.03	18.00	0.4375	0.6875	0.625	0.305
	900	R62	16.500	0.438	0.656	0.06	18.38	0.6250	0.8750	0.813	0.413
	1500	R63	16.500	0.625	1.062	0.09	19.25	1.0000	1.3125	1.250	0.681
16	150	R64	17.875	0.250	0.344	0.03	19.00	0.3125	0.5625	0.500	0.206
	300-600	R65	18.500	0.312	0.469	0.03	20.00	0.4375	0.6875	0.625	0.305
	900	R66	18.500	0.438	0.656	0.06	20.62	0.6250	0.8750	0.813	0.413
	1500	R67	18.500	0.688	1.188	0.09	21.50	1.1250	1.4375	1.375	0.780
18	150	R68	20.375	0.250	0.344	0.03	21.50	0.3125	0.5625	0.500	0.206
	300-600	R69	21.000	0.312	0.469	0.03	22.62	0.4375	0.6875	0.625	0.305
	900	R70	21.000	0.500	0.781	0.06	23.38	0.7500	1.0000	0.938	0.485
	1500	R71	21.000	0.688	1.188	0.09	24.12	1.1250	1.4375	1.375	0.780
20	150	R72	22.000	0.250	0.344	0.03	23.50	0.3125	0.5625	0.500	0.206
	300-600	R73	23.000	0.375	0.531	0.06	25.00	0.5000	0.7500	0.688	0.341
	900	R74	23.000	0.500	0.781	0.06	25.50	0.7500	1.0000	0.938	0.485
	1500	R75	23.000	0.688	1.312	0.09	26.50	1.2500	1.5625	1.500	0.879
24	150	R76	26.500	0.250	0.344	0.03	28.00	0.3125	0.5625	0.500	0.206
	300-600	R77	27.250	0.438	0.656	0.06	29.50	0.6250	0.8750	0.813	0.413
	900	R78	27.250	0.625	1.062	0.09	30.38	1.0000	1.3125	1.250	0.681
	1500	R79	27.250	0.812	1.438	0.09	31.25	1.3750	1.7500	1.625	0.977

TOLERANCES (inches):

P (pitch diameter) ±0.005
E (depth) +0.016, -0.000
F (width) ±0.008
R (radius at bottom) max.

23° (angle) ±½ deg.

TOLERANCES (mm):

P (pitch diameter) ±0.13
E (depth) +0.40, -0.00
F (width) ±0.20
R (radius at bottom) max.

23° (angle) ±½ deg.

(1) Height of raised portion