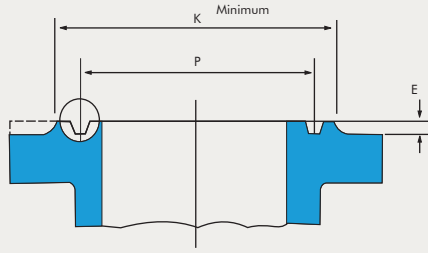
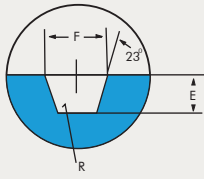


DIMENSIONS OF RING-JOINT FACINGS



TOLERANCES

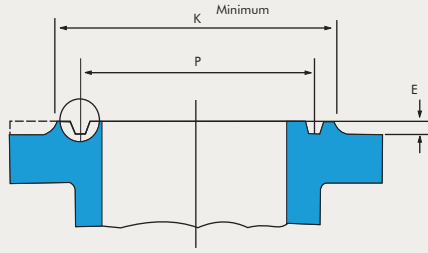
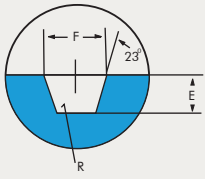
E(depth) + 1/64
 - 0
 F(width) ± .008
 P(pitch diam) ± 0.005
 R(radius at bottom) Max
 23°(angle) ± 1/2° C

DIMENSIONS IN INCHES

NOMINAL PIPE SIZE							GROOVE DIMENSIONS					DIAMETER OF RAISED PORTION K					
150 PSI	300 PSI	400 PSI	600 PSI	900 PSI	1500 PSI	2500 PSI	GROOVE NUMBER	PITCH DIAMETER P	DEPTH E	WIDTH F	RADIUS AT BOTTOM R	150 PSI	300 PSI	400 PSI	900 PSI	1500 PSI	2500 PSI
-	1/2	-	1/2	-	-	-	R11	1.11/32	7/32	9/32	1/32	-	2	-	-	-	-
-	-	-	-	-	1/2	-	12	1.9/16	1/4	11/32	1/32	-	-	2.3/8	2.3/8	-	-
-	3/4	-	.3/4	-	-	1/2	13	1.11/16	1/4	11/32	1/32	-	2.1/2	-	-	-	2.9/16
1	-	-	-	-	3/4	-	14	1.3/4	1/4	11/32	1/32	-	-	2.5/8	2.5/8	-	-
-	-	-	-	-	-	-	15	1.7/8	1/4	11/32	1/32	2.1/2	-	-	-	-	-
-	1	-	1	-	1	3/4	16	2	1/4	11/32	1/32	-	2.3/4	2.13/16	2.13/16	2.7/8	-
1.1/4	-	-	-	-	-	-	17	2.1/4	1/4	11/32	1/32	2.7/8	-	-	-	-	-
-	1.1/4	-	1.1/4	-	1.1/4	1	18	2.3/8	1/4	11/32	1/32	-	3.1/8	3.3/16	3.3/16	3.1/4	-
1.1/2	-	-	-	-	-	-	19	2.9/16	1/4	11/32	1/32	3.1/4	-	-	-	-	-
-	1.1/2	-	1.1/2	-	1.1/2	-	20	2.11/16	1/4	11/32	1/32	-	-	3.5/8	3.5/8	-	-
-	-	-	-	-	-	1.1/4	21	2.27/32	5/16	15/32	1/32	-	-	-	-	-	4
2	-	-	-	-	-	-	22	3.1/4	1/4	11/32	1/32	4	-	-	-	-	-
-	2	-	2	-	-	1.1/2	23	3.1/4	5/16	15/32	1/32	-	4.1/4	-	-	-	4.1/2
-	-	-	-	-	2	-	24	3.3/4	5/16	15/32	1/32	-	-	4.7/8	4.7/8	-	-
2.1/2	-	-	-	-	-	-	25	4	1/4	11/32	1/32	4.3/4	-	-	-	-	-
-	2.1/2	-	2.1/2	-	-	2	26	4	5/16	15/32	1/32	-	5	-	-	-	5.1/4
-	-	-	-	-	2.1/2	-	27	4.1/4	5/16	15/32	1/32	-	-	-	-	5.3/8	-
-	-	-	-	-	-	2.1/2	28	4.3/8	3/8	17/32	1/16	-	-	-	-	-	5.7/8
3	-	-	-	-	-	-	29	4.1/2	1/4	11/32	1/32	5.1/4	-	-	-	-	-
-	-	-	-	-	-	-	30	4.5/8	5/16	15/32	1/32	-	-	-	-	-	-
-	3	-	3	3	-	-	31	4.7/8	5/16	15/32	1/32	-	5.3/4	6.1/8	-	-	-
-	-	-	-	-	-	3	32	5	3/8	17/32	1/16	-	-	-	-	-	6.5/8
3.1/2	-	-	-	-	-	-	33	5.3/16	1/4	11/32	1/32	6.1/16	-	-	-	-	-
-	3.1/2	-	3.1/2	-	-	-	34	5.3/16	5/16	15/32	1/32	-	6.1/4	-	-	-	-
-	-	-	-	-	-	3	35	5.3/8	5/16	15/32	1/32	-	-	-	-	6.5/8	-
4	-	-	-	-	-	-	36	5.7/8	1/4	11/32	1/32	6.3/4	-	-	-	-	-
-	4	4	4	4	-	-	37	5.7/8	5/16	15/32	1/32	-	6.7/8	7.1/8	-	-	-
-	-	-	-	-	-	4	38	6.3/16	7/16	21/32	1/16	-	-	-	-	-	8
-	-	-	-	-	4	-	39	6.3/8	5/16	15/32	1/32	-	-	-	-	7.5/8	-
5	-	-	-	-	-	-	40	6.3/4	1/4	11/32	1/32	7.5/8	-	-	-	-	-
-	5	5	5	5	-	-	41	7.1/8	5/16	15/32	1/32	-	8.1/4	8.1/2	-	-	-
-	-	-	-	-	-	5	42	7.1/2	1/2	25/32	1/16	-	-	-	-	-	9.1/2
6	-	-	-	-	-	-	43	7.5/8	1/4	11/32	1/32	8.5/8	-	-	-	-	-
-	-	-	-	-	5	-	44	7.5/8	5/16	15/32	1/32	-	-	-	-	9	-
-	6	6	6	6	-	-	45	8.5/16	5/16	15/32	1/32	-	9.1/2	9.1/2	-	-	-



TOLERANCES



$E(\text{depth}) + 1/64$
 $- 0$
 $F(\text{width}) \pm .008$
 $P(\text{pitch diam}) \pm 0.005$
 $R(\text{redus at bottom})\text{Max}$
 $23^\circ(\text{andle}) \pm 1/2^\circ C$

DIMENSIONS IN INCHES

NOMINAL PIPE SIZE							GROOVE DIMENSIONS					DIAMETER OF RAISED PORTION K				
150	300	400	600	900	1500	2500	GROOVE	PITCH			RADU		300			
PSI	PSI	PSI	PSI	PSI	PSI	PSI	NUMBER	DIAMETER	DEPTH	WIDTH	AT	150	400	900	1500	2500
								P	E	F	BOTTOM	PSI	600	PSI	PSI	PSI
											R		PSI			
-	-	-	-	-	6	-	R-46	8.5/16	3/8	17/32	1/16	-	-	-	9.3/4	-
-	-	-	-	-	-	6	47	9	1/2	25/32	1/16	-	-	-	-	11
8	-	-	-	-	-	-	48	9.3/4	1/4	11/32	1/32	10	-	-	-	-
-	8	8	8	8	-	-	49	10.5/8	5/16	15/32	1/32	-	11.7/8	12.1/8	-	-
-	-	-	-	-	8	-	50	10.5/8	7/16	21/32	1/16	-	-	-	12.1/2	-
-	-	-	-	-	-	8	51	11	9/16	29/32	1/16	-	-	-	-	13
10	-	-	-	-	-	-	52	12	1/4	11/32	21/32	13	-	-	-	-
-	10	10	10	10	-	-	53	12.3/4	5/16	15/32	1/32	-	14	-	-	-
-	-	-	-	-	10	-	54	12.3/4	7/16	21/32	1/16	-	-	-	14.5/8	-
-	-	-	-	-	-	10	55	13.1/2	11/16	1.3/16	3/32	-	-	-	-	16
12	-	-	-	-	-	-	56	15	1/4	11/32	1/32	16	-	-	-	-
-	12	12	12	12	-	-	57	15	5/16	15/32	1/32	-	16	16.1/2	-	-
-	-	-	-	-	12	-	58	15	9/16	29/32	1/16	-	-	-	17.1/4	-
14	-	-	-	-	-	-	59	15.5/8	1/4	11/32	1/32	16	-	11/32	-	-
-	-	-	-	-	-	12	60	16	11/16	1.5/16	3/32	-	-	19	-	19
-	14	14	14	-	-	-	61	16.1/2	5/16	15/32	1/32	-	18	-	-	-
-	-	-	-	14	-	-	62	16.1/2	7/16	21/32	1/16	-	-	18.3/8	-	-
-	-	-	-	-	14	-	63	16.1/2	5/8	1.1/16	3/32	-	-	-	19.1/4	-
16	-	-	-	-	-	-	64	17.7/8	1/4	11/32	1/32	19	-	-	-	-
-	16	16	16	-	-	-	65	18.1/2	5/16	15/32	1/32	-	20	-	-	-
-	-	-	-	16	-	-	66	18.1/2	7/16	21/32	1/16	-	-	20.5/8	-	-
-	-	-	-	-	16	-	67	18.1/2	11/16	1.3/16	3/32	-	-	-	21.1/2	-
18	-	-	-	-	-	-	68	20.3/8	1/4	11/32	1/32	21	-	-	-	-
-	18	18	18	-	-	-	69	21	5/16	15/32	1/32	-	22	-	-	-
-	-	-	-	18	-	-	70	21	1/2	25/32	1/16	-	-	23.3/8	-	-
-	-	-	-	-	18	-	71	21	11/16	1.3/18	3/32	-	-	-	24.1/8	-
20	-	20	-	-	-	-	72	22	1/4	11/33	1/32	23	-	-	-	-
-	20	-	20	-	-	-	73	23	3/8	17/32	1/16	-	25	-	-	-
-	-	-	-	20	-	-	74	23	1/2	25/32	1/16	-	-	25.1/2	-	-
-	-	-	-	-	20	-	75	23		1	3/32	-	-	-	26	-
24	-	-	-	-	-	-	76	26				28	-	-	-	-
-	24	24	24	-	-	-	77	27				-	29	-	-	-
-	-	-	-	24	-	-	78	27				-	-	30	-	-
-	-	-	-	-	24	-	79	27				-	-	-	31	-

