

# FLANGES



## RING JOINT FLANGES FACING DIMENSIONS

### ANSI B16.5 FORGED FLANGES

Nominal Pipe Size	Ring Number				Groove Dimensions							
					Pitch Diameter				Width			
	300 400 600	900	1500	2500	300 400 600	900	1500	2500	300 400 600	900	1500	2500
1/2	R11		R12	R13	1.344	1.563	1.563	1.688	0.281	0.344	0.344	0.344
3/4	R13		R14	R16	1.688	1.75	1.75	2	0.344	0.344	0.344	0.344
1	R16		R16	R18	2	2	2	2.375	0.344	0.344	0.344	0.344
1 1/4	R18		R18	R21	2.375	2.375	2.375	2.844	0.344	0.344	0.344	0.469
1 1/2	R20		R20	R23	2.688	2.688	2.688	3.25	0.344	0.344	0.344	0.469
2	R23		R24	R26	3.25	3.75	3.75	4	0.469	0.469	0.469	0.469
2 1/2	R26		R27	R28	4	4.25	4.25	4.375	0.469	0.469	0.469	0.531
3	R31	R31	R35	R32	4.875	4.875	5.375	5	0.469	0.469	0.469	0.531
4	R37	R37	R39	R38	5.875	5.875	6.375	6.188	0.469	0.469	0.469	0.656
5	R41	R41	R44	R42	7.125	7.125	7.625	7.5	0.469	0.469	0.469	0.781
6	R45	R45	R46	R47	8.313	8.313	8.313	9	0.469	0.469	0.531	0.781
8	R49	R49	R50	R51	10.625	10.625	10.625	11	0.469	0.469	0.656	0.906
10	R53	R53	R54	R55	12.75	12.75	12.75	13.5	0.469	0.469	0.656	1.188
12	R57	R57	R58	R60	15	15	15	16	0.469	0.469	0.906	1.313
14	R61	R62	R63		16.5	16.5	16.5		0.469	0.656	1.062	
16	R65	R66	R67		18.5	18.5	18.5		0.469	0.656	1.188	
18	R69	R70	R71		21	21	21		0.469	0.781	1.188	
20	R73	R74	R75		23	23	23		0.531	0.781	1.313	
24	R77	R78	R79		27.25	27.25	27.25		0.656	1.062	1.438	