

Steel Pipe Flanges ASME B16.5 RTJ

Class	Nominal Size		Ring Number	P		E		F		K		N		L1	
	NPS	DN		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
150	1	25	R15	1.875	47.63	0.25	6.35	0.344	8.74	2.50	64	0.16	4	3.00	76
	1 1/4	32	R17	2.250	57.15	0.25	6.35	0.344	8.74	2.88	73	0.16	4	3.25	83
	1 1/2	40	R19	2.562	65.07	0.25	6.35	0.344	8.74	3.25	83	0.16	4	3.25	83
	2	50	R22	3.250	82.55	0.25	6.35	0.344	8.74	4.00	102	0.16	4	3.75	95
	2 1/2	65	R25	4.000	101.60	0.25	6.35	0.344	8.74	4.75	121	0.16	4	4.00	102
	3	80	R29	4.500	114.30	0.25	6.35	0.344	8.74	5.25	133	0.16	4	4.00	102
	4	100	R36	5.875	149.23	0.25	6.35	0.344	8.74	6.75	171	0.16	4	4.00	102
	5	125	R40	6.750	171.45	0.25	6.35	0.344	8.74	7.62	194	0.16	4	4.25	108
	6	150	R43	7.625	193.68	0.25	6.35	0.344	8.74	8.62	219	0.16	4	4.50	114
	8	200	R48	9.750	247.65	0.25	6.35	0.344	8.74	10.75	273	0.16	4	4.75	121
	10	250	R52	12.000	304.80	0.25	6.35	0.344	8.74	13.00	330	0.16	4	5.00	127
	12	300	R56	15.000	381.00	0.25	6.35	0.344	8.74	16.00	406	0.16	4	5.25	133
	14	350	R59	15.625	396.88	0.25	6.35	0.344	8.74	16.75	425	0.12	3	5.75	146
	16	400	R64	17.875	454.03	0.25	6.35	0.344	8.74	19.00	483	0.12	3	5.75	146
	18	450	R68	20.375	517.53	0.25	6.35	0.344	8.74	21.50	546	0.12	3	6.25	159
	300	1	25	R16	2.000	50.80	0.25	6.35	0.344	8.74	2.75	70	0.16	4	3.50
1 1/4		32	R18	2.375	60.33	0.25	6.35	0.344	8.74	3.12	79	0.16	4	3.75	95
1 1/2		40	R20	2.688	68.28	0.25	6.35	0.344	8.74	3.56	90	0.16	4	4.00	102
2		50	R23	3.250	82.55	0.312	7.92	0.469	11.91	4.25	108	0.22	6	4.00	102
2 1/2		65	R26	4.000	101.60	0.312	7.92	0.469	11.91	5.00	127	0.22	6	4.50	114
3		80	R31	4.875	123.83	0.312	7.92	0.469	11.91	5.75	146	0.22	6	4.75	121
4		100	R37	5.875	149.23	0.312	7.92	0.469	11.91	6.88	175	0.22	6	5.00	127
5		125	R41	7.125	180.98	0.312	7.92	0.469	11.91	8.25	210	0.22	6	5.25	133
6		150	R45	8.312	211.12	0.312	7.92	0.469	11.91	9.50	241	0.22	6	5.50	140
8		200	R49	10.625	269.88	0.312	7.92	0.469	11.91	11.88	302	0.22	6	6.00	152
10		250	R53	12.750	323.85	0.312	7.92	0.469	11.91	14.00	356	0.22	6	6.75	171
12		300	R57	15.000	381.00	0.312	7.92	0.469	11.91	16.25	413	0.22	6	7.25	184
14		350	R61	16.500	419.10	0.312	7.92	0.469	11.91	18.00	457	0.22	6	7.50	191
16		400	R65	18.500	469.90	0.312	7.92	0.469	11.91	20.00	508	0.22	6	8.00	203
18		450	R69	21.000	533.40	0.312	7.92	0.469	11.91	22.62	575	0.22	6	8.25	210
20		500	R73	23.000	584.20	0.375	9.53	0.531	13.49	25.00	635	0.22	6	8.75	222
24	600	R77	27.250	692.15	0.438	11.13	0.656	16.66	29.50	749	0.25	6	10.00	254	

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Class	Nominal Size		Ring Number	P		E		F		K		N		L1	
	NPS	DN		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
600	1	25	R16	2.000	50.80	0.250	6.35	0.344	8.74	2.75	70	0.16	4	3.50	89
	1 1/4	32	R18	2.375	60.33	0.250	6.35	0.344	8.74	3.12	79	0.16	4	3.75	95
	1 1/2	40	R20	2.688	68.28	0.250	6.35	0.344	8.74	3.56	90	0.16	4	4.25	108
	2	50	R23	3.250	82.55	0.312	7.92	0.469	11.91	4.25	108	0.19	5	4.25	108
	2 1/2	65	R26	4.000	101.60	0.312	7.92	0.469	11.91	5.00	127	0.19	5	4.75	121
	3	80	R31	4.875	123.83	0.312	7.92	0.469	11.91	5.75	146	0.19	5	5.00	127
	4	100	R37	5.875	149.23	0.312	7.92	0.469	11.91	6.88	175	0.19	5	5.75	146
	5	125	R41	7.125	180.98	0.312	7.92	0.469	11.91	8.25	210	0.19	5	6.50	165
	6	150	R45	8.312	211.12	0.312	7.92	0.469	11.91	9.50	241	0.19	5	6.75	171
	8	200	R49	10.625	269.88	0.312	7.92	0.469	11.91	11.88	302	0.19	5	7.75	197
	10	250	R53	12.750	323.85	0.312	7.92	0.469	11.91	14.00	356	0.19	5	8.50	216
	12	300	R57	15.000	381.00	0.312	7.92	0.469	11.91	16.25	413	0.19	5	8.75	222
	14	350	R61	16.500	419.10	0.312	7.92	0.469	11.91	18.00	457	0.19	5	9.25	235
	16	400	R65	18.500	469.90	0.312	7.92	0.469	11.91	20.00	508	0.19	5	10.00	254
	18	450	R69	21.000	533.40	0.312	7.92	0.469	13.49	22.62	575	0.19	5	10.75	273
	20	500	R73	23.000	584.20	0.375	9.53	0.531	26.97	25.00	635	0.19	5	11.50	292
24	600	R77	27.250	692.15	0.438	15.88	0.656	8.74	29.50	749	0.22	6	13.25	337	
900	1	25	R16	2.000	50.80	0.250	6.35	0.344	8.74	2.81	71	0.16	4	5.00	127
	1 1/4	32	R18	2.375	60.33	0.250	6.35	0.344	8.74	3.19	81	0.16	4	5.00	127
	1 1/2	40	R20	2.688	68.28	0.250	6.35	0.344	11.91	3.62	92	0.16	4	5.50	140
	2	50	R24	3.750	95.25	0.312	7.92	0.469	11.91	4.88	124	0.12	3	5.75	146
	2 1/2	65	R27	4.250	107.95	0.312	7.92	0.469	11.91	5.38	137	0.12	3	6.25	159
	3	80	R31	4.875	123.83	0.312	7.92	0.469	11.91	6.12	155	0.16	4	5.75	146
	4	100	R37	5.875	149.23	0.312	7.92	0.469	11.91	7.12	181	0.16	4	6.75	171
	5	125	R41	7.125	180.98	0.312	7.92	0.469	11.91	8.50	216	0.16	4	7.50	191
	6	150	R45	8.312	211.12	0.312	7.92	0.469	11.91	9.50	241	0.16	4	7.75	197
	8	200	R49	10.625	269.88	0.312	7.92	0.469	11.91	12.12	308	0.16	4	8.75	222
	10	250	R53	12.750	323.85	0.312	7.92	0.469	11.91	14.25	362	0.16	4	9.25	235
	12	300	R57	15.000	381.00	0.312	7.92	0.469	11.91	16.50	419	0.16	4	10.00	254
	14	350	R62	16.500	419.10	0.438	11.13	0.656	16.66	18.38	467	0.16	4	11.00	279
	16	400	R66	18.500	469.90	0.438	11.13	0.656	16.66	20.62	524	0.16	4	11.50	292
	18	450	R70	21.000	533.40	0.500	12.70	0.781	19.84	23.38	594	0.19	5	13.25	337
	20	500	R74	23.000	584.20	0.500	12.70	0.781	19.84	25.50	648	0.19	5	14.25	362
24	600	R78	27.250	692.15	0.625	15.88	1.062	26.97	30.38	772	0.22	6	18.00	457	
1500	1	25	R16	2.000	50.80	0.250	6.35	0.344	8.74	2.81	71	0.16	4	5.00	127
	1 1/4	32	R18	2.375	60.33	0.250	6.35	0.344	8.74	3.19	81	0.16	4	5.00	127
	1 1/2	40	R20	2.688	68.28	0.250	6.35	0.344	8.74	3.62	92	0.16	4	5.50	140
	2	50	R24	3.750	95.25	0.312	7.92	0.469	11.91	4.88	124	0.12	3	5.75	146
	2 1/2	65	R27	4.250	107.95	0.312	7.92	0.469	11.91	5.38	137	0.12	3	6.25	159
	3	80	R35	5.375	136.53	0.312	7.92	0.469	11.91	6.62	168	0.12	3	7.00	178
	4	100	R39	6.375	161.93	0.312	7.92	0.469	11.91	7.62	194	0.12	3	7.75	197
	5	125	R44	7.625	193.68	0.312	7.92	0.469	11.91	9.00	229	0.12	3	9.75	248
	6	150	R46	8.312	211.12	0.375	9.52	0.531	13.49	9.75	248	0.12	3	10.50	267
	8	200	R50	10.625	269.88	0.438	11.13	0.656	16.66	12.50	318	0.16	4	12.75	324
	10	250	R54	12.750	323.85	0.438	11.13	0.656	16.66	14.62	371	0.16	4	13.50	343
	12	300	R58	15.000	381.00	0.562	14.27	0.906	23.01	17.25	438	0.19	5	15.25	387
	14	350	R63	16.500	419.10	0.625	15.88	1.062	26.97	19.25	489	0.22	6	16.75	425
	16	400	R67	18.500	469.90	0.688	17.48	1.188	30.18	21.50	546	0.31	8	18.50	470
	18	450	R71	21.000	533.40	0.688	17.48	1.188	30.18	24.12	613	0.31	8	20.75	527
	20	500	R75	23.000	584.20	0.688	17.48	1.188	33.32	26.50	673	0.38	10	22.25	565
24	600	R79	27.250	692.15	0.812	20.62	1.312	36.53	31.25	794	0.44	11	25.50	648	
2500	1	25	R18	2.375	60.33	0.250	6.35	1.438	8.74	3.25	83	0.16	4	5.50	140
	1 1/4	32	R21	2.844	72.24	0.312	7.92	0.344	11.94	4.00	102	0.12	3	6.00	152
	1 1/2	40	R23	3.250	82.55	0.312	7.92	0.469	11.94	4.50	114	0.12	3	6.75	171
	2	50	R26	4.000	101.60	0.312	7.92	0.469	11.91	5.25	133	0.12	3	7.00	178
	2 1/2	65	R28	4.375	111.13	0.375	9.53	0.531	13.49	5.88	149	0.12	3	8.00	203
	3	80	R32	5.000	127.00	0.375	9.53	0.531	13.49	6.62	168	0.12	3	9.00	229
	4	100	R38	6.188	157.18	0.438	11.13	0.656	16.66	8.00	203	0.16	4	10.25	260
	5	125	R42	7.500	190.50	0.500	12.70	0.781	19.84	9.50	241	0.16	4	12.25	311
	6	150	R47	9.000	228.60	0.500	12.70	0.781	19.84	11.00	279	0.16	4	14.00	356
	8	200	R51	11.000	279.40	0.562	14.27	0.906	23.01	13.38	340	0.19	5	15.50	394
	10	250	R55	13.500	342.90	0.688	17.48	1.188	30.18	16.75	425	0.25	6	20.00	508
	12	300	R60	16.000	406.40	0.688	17.48	1.312	33.32	19.50	495	0.31	8	22.00	559