

### Dimensions Orifice Weld Neck RTJ flanges ASME B16.36 Class 600

CLASS 600 NPS 1-24						
NPS	OUT SIDE DIA	MIN THK FLG	HGT FLG	GRV NO	PITCH DIA	GRV DEPTH
	O	T	H		P	E
1	125	36.6	81	R16	50.8	6.35
1½	155	36.6	84	R20	68.27	6.35
2	165	36.6	84	R23	82.55	7.92
2½	190	36.6	87	R26	101.6	7.92
3	210	36.6	87	R31	123.83	7.92
4	275	38.1	102	R37	149.23	7.92
6	355	47.7	117	R45	211.12	7.92
8	420	55.6	133	R49	269.88	7.92
10	510	63.5	152	R53	323.85	7.92
12	560	66.7	156	R57	381	7.92
14	605	69.9	165	R61	419.1	7.92
16	685	76.2	178	R65	469.9	7.92
18	745	82.6	184	R69	533.4	7.92
20	815	88.9	190	R73	584.2	9.53
24	940	101.6	203	R77	692.15	11.13
NPS	O	T	H	GRV NO	P	E
	OUT SIDE DIA	MIN THK FLG	HGT FLG		PITCH DIA	GRV DEPTH

CLASS 900 NPS 1-24						
NPS	OUT SIDE DIA	MIN THK FLG	HGT FLG	GRV NO	PITCH DIA	GRV DEPTH
	O	T	H		P	E
1	125	36.6	81	R16	50.8	6.35
1½	155	36.6	84	R20	68.27	6.35
2	165	36.6	84	R23	82.55	7.92
2½	190	36.6	87	R26	101.6	7.92
3	240	38.1	102	R31	123.83	7.92
4	290	44.5	114	R37	149.23	7.92
6	380	55.6	140	R45	211.12	7.92
8	470	63.5	162	R49	269.88	7.92
10	545	69.9	184	R53	323.85	7.92
12	610	79.4	200	R57	381	7.92
14	640	85.8	213	R62	419.1	11.13
16	705	88.9	216	R66	469.9	11.13
18	785	101.6	229	R70	533.4	12.7
20	855	108	248	R74	584.2	12.7
24	1040	139.7	292	R78	692.15	15.88
NPS	O	T	H	GRV NO	P	E
	OUT SIDE DIA	MIN THK FLG	HGT FLG		PITCH DIA	GRV DEPTH

CLASS 1500 NPS 1-24						
NPS	OUT SIDE DIA	MIN THK FLG	HGT FLG	GRV NO	PITCH DIA	GRV DEPTH
	O	T	H		P	E
1	150	38.1	83	R16	50.8	6.35
1½	180	38.1	89	R20	68.27	6.35
2	215	38.1	102	R24	95.25	7.92
2½	245	41.3	105	R27	107.95	7.92
3	265	47.7	117	R35	136.53	7.92
4	310	54	124	R39	161.93	7.92
6	395	82.6	171	R46	211.14	9.52
8	485	92.1	213	R50	269.88	11.13
10	585	108	254	R54	323.85	11.13
12	675	123.9	283	R58	381	14.27
14	750	133.4	298	R63	419.1	15.88
16	825	146.1	311	R67	469.9	17.48
18	915	162	327	R71	533.4	17.48
20	985	177.8	356	R75	584.2	17.48
24	1170	203.2	406	R79	692.15	20.62
NPS	O	T	H	GRV NO	P	E
	OUT SIDE DIA	MIN THK FLG	HGT FLG		PITCH DIA	GRV DEPTH

CLASS 2500 NPS 1-24						
NPS	OUT SIDE DIA	MIN THK FLG	HGT FLG	GRV NO	PITCH DIA	GRV DEPTH
	O	T	H		P	E
1	160	38.1	92	R18	60.33	6.35
1½	205	44.5	111	R23	82.55	7.92
2	235	50.8	127	R26	101.6	7.92
2½	265	57.2	143	R28	111.13	9.53
3	305	66.7	168	R32	127	9.53
4	355	76.2	190	R38	157.18	11.13
6	485	108	273	R47	228.6	12.7
8	550	127	318	R51	279.4	14.27
10	675	165.1	419	R55	342.9	17.48
12	760	184.2	464	R60	406.4	17.48
NPS	O	T	H	GRV NO	P	E
	OUT SIDE DIA	MIN THK FLG	HGT FLG		PITCH DIA	GRV DEPTH

NPS	GRV WIDTH	R BTM	HGT OVAL RING	HUB DIA	HUB DIA	DIA OF TAP
	F	R	W	X	A	Tg
1	8.74	0.8	25.4	54	33.5	6.4
1½	8.74	0.8	25.4	70	48.3	6.4
2	11.91	0.8	27	84	60.3	6.4
2½	11.91	0.8	27	100	73	6.4
3	11.91	0.8	27	117	88.9	9.5
4	11.91	0.8	27	152	114.3	12.7
6	11.91	0.8	27	222	168.3	12.7
8	11.91	0.8	27	273	219.1	12.7
10	11.91	0.8	27	343	273	12.7
12	11.91	0.8	27	400	323.8	12.7
14	11.91	0.8	27	432	355.6	12.7
16	11.91	0.8	30.2	495	406.4	12.7
18	11.91	0.8	30.2	546	457.2	12.7
20	13.49	1.5	31.8	610	508	12.7
24	16.66	1.5	36.5	718	609.6	12.7
NPS	F	R	W	X	A	Tg
	GRV WIDTH	R BTM	HGT OVAL RING	HUB DIA	HUB DIA	DIA OF TAP

NPS	BOLT CIRCLE	NO OF BOLTS	DIA OF HOLES	DIA STUD BOLTS	STUD BOLT LENGTH
1	88.9	4	3/4	5/8	140
1½	114.3	4	7/8	3/4	140
2	127.0	8	3/4	5/8	140
2½	149.2	8	7/8	3/4	145
3	168.3	8	7/8	3/4	145
4	215.9	8	1	7/8	165
6	292.1	12	1.1/8	1	190
8	349.2	12	1¼	1.1/8	210
10	431.8	16	1.3/8	1¼	235
12	489.0	20	1.3/8	1¼	240
14	527.0	20	1½	1.3/8	255
16	603.2	20	1.5/8	1½	275
18	654.0	20	1.3/4	1.5/8	290
20	723.9	24	1.3/4	1.5/8	320
24	838.2	24	2	1.7/8	350
NPS	BOLT CIRCLE	NO OF BOLTS	DIA OF HOLES	DIA STUD BOLTS	STUD BOLT LENGTH