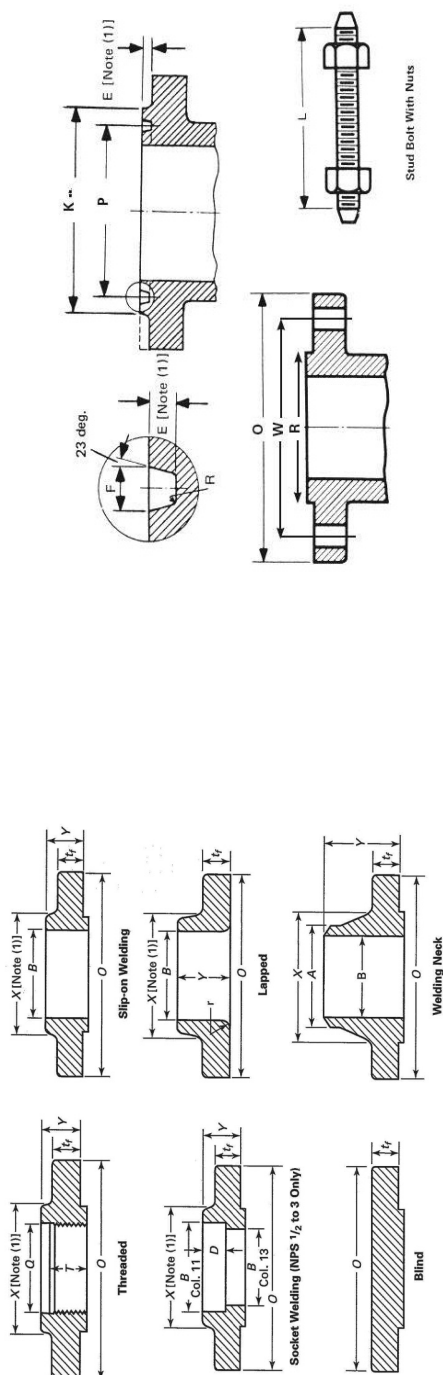


DIMENSION OF CLASS 900 FLANGES - ANSI B16.5



	FLANGE DIMENSIONS		HUB DIMENSIONS		LENGTH THROUGH HUB			TREADED FLANGE		SW	BORE			RF DIMENSION		RTJ DIMENSION						BOLT HOLE DRILLING				STUD BOLT LENGTH	
	OD Flange	Thickn. o	Large end	Small end	Thr.slip	Lapped	Weld neck	Counter bore	Thread length		Socket depth	Slip-on	Lapped	Weld neck	OD	Height	Od	Height	Groove No	Groove Pitch	Groove Depth	Groove Width	Bolt Circle	Bolt hole	No of RF	Bolt diam	7.0 mm RF
NPS			X	A	Y	Y	Y	Q min	T min	D	B min	B min	B	R	K	E			P	E	F	W	Bh			L	L
1/2"																											
3/4"																											
1"																											
1 1/4"																											
1 1/2"																											
2"																											
2 1/2"																											
3"	240	38.1	127.0	88.9	54	54	102	92.2	42	...	90.7	91.4		127.0	7.0	156.0	7.9	R31	123.83	7.92	11.91	190.5	25.4	8	7/8"	1450	1450
4"	290	44.5	159.0	114.3	70	70	114	117.6	48	...	116.1	116.8		157.2	7.0	181.0	7.9	R37	149.23	7.92	11.91	235.0	31.8	8	1 1/8"	1700	1700
5"	350	50.8	190.0	141.3	79	79	127	144.4	54	...	143.8	144.4		185.7	7.0	216.0	7.9	R41	180.98	7.92	11.91	279.4	34.9	8	1 1/4"	1900	1900
6"	380	55.6	235.0	168.3	86	86	140	171.4	58	...	170.7	171.4		215.9	7.0	241.0	7.9	R45	211.12	7.92	11.91	317.5	31.8	12	1 1/8"	1900	1950
8"	470	63.5	298.0	219.1	102	114	162	222.2	64	...	221.5	222.2		249.9	7.0	308.0	7.9	R49	269.88	7.92	11.91	393.7	38.1	12	1 3/8"	2200	2200
10"	545	69.9	348.0	273.0	108	127	184	276.2	72	...	276.2	277.4		323.8	7.0	362.0	7.9	R53	323.85	7.92	11.91	469.9	38.1	16	1 3/8"	2350	2350
12"	610	79.4	419.0	325.8	117	143	200	328.6	77	...	327.0	328.2		381.0	7.0	419.0	7.9	R57	381.00	7.92	11.91	533.4	38.1	20	1 3/8"	2550	2550
14"	640	85.8	451.0	355.6	130	156	213	360.4	83	...	359.2	360.2		412.8	7.0	467.0	11.13	R62	419.10	11.13	16.66	558.8	41.3	20	1 1/2"	2750	2800
16"	705	88.9	508.0	406.4	133	165	216	411.2	86	...	410.5	411.2	To be	449.9	7.0	524.0	11.13	R66	469.90	11.13	16.66	616.0	44.5	20	1 5/8"	2850	2900
18"	785	101.6	565.0	457.0	152	190	229	462.0	89	...	461.8	462.3	specified	533.4	7.0	594.0	12.70	R70	533.40	12.70	19.84	685.8	50.8	20	1 7/8"	3250	3350
20"	855	108.0	622.0	508.0	159	210	248	512.8	93	...	513.1	514.4	by	584.2	7.0	648.0	12.70	R74	584.20	12.70	19.84	749.3	54.0	20	2"	3500	3400
24"	1040	139.7	749.0	610.0	203	267	292	614.4	102	...	616.0	616.0	Purchaser	692.2	7.0	772.0	15.88	R78	692.15	15.88	26.97	901.7	66.7	20	2 1/2"	4400	4550

Note(1): The tolerance for E is only applicable for groove depth
Note: # Lapped flange shall be 1.6 mm thicker than table value.

Note : All dimensions except NPS and Bolt Diameter are in millimeters.
Note : The dimensions B for Socket Welding Flange equals B for Welding Neck.