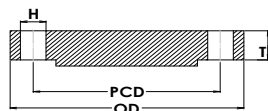


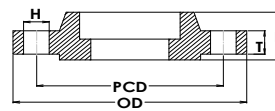
ASME B16.5 - 2003 CLASS 150



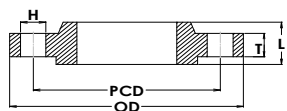
WELD NECK



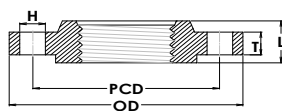
BLIND



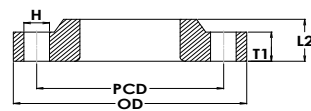
SOCKET WELD



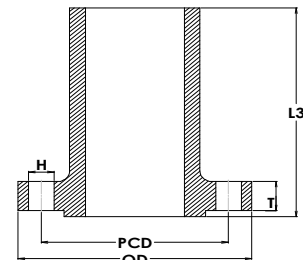
SLIP ON



THREADED



LAPPED



LONG WELD NECK

CLASS 150		FLANGE THICKNESS			LTB				DRILLING DATA			CLASS 150	
NOMINAL PIPE SIZE		FLANGE OUTSIDE DIAMETER	THICKNESS OF FLANGE MIN	THICKNESS OF LAP MIN	BOSSED LENGTH	WELD NECK LENGTH (Refer Note.1)	LAP JOINT LENGTH	LONG WELD NECK LENGTH (Refer Note.2)	PITCH CIRCLE DIAMETER	BOLT HOLE DIAMETER	NUMBER OF BOLT HOLES	MM	INCH
MM	INCH	OD	T	T1	L	L1	L2	L3	PCD	H	#	MM	INCH
15	1/2	90	9.6	11.2	16	46	16	229	60.3	16	4	15	1/2
20	3/4	100	11.2	12.8	16	51	16	229	69.9	16	4	20	3/4
25	1	110	12.7	14.3	18	54	18	229	79.4	16	4	25	1
32	1 1/4	115	14.3	15.9	21	56	21	229	88.9	16	4	32	1 1/4
40	1 1/2	125	15.9	17.5	22	60	23	229	98.4	16	4	40	1 1/2
50	2	150	17.5	19.1	25	62	26	229	120.7	20	4	50	2
65	2 1/2	180	20.7	22.3	29	68	29	229	139.7	20	4	65	2 1/2
80	3	190	22.3	23.9	30	68	31	229	152.4	20	4	80	3
90	3 1/2	215	22.3	23.9	32	70	32	229	177.8	20	8	90	3 1/2
100	4	230	22.3	23.9	33	75	34	229	190.5	20	8	100	4
125	5	255	22.3	23.9	36	87	37	305	215.9	23	8	125	5
150	6	280	23.9	25.5	40	87	40	305	241.3	23	8	150	6
200	8	345	27	28.6	44	100	45	305	298.5	23	8	200	8
250	10	405	28.6	30.2	49	100	50	305	362	26	12	250	10
300	12	485	30.2	31.8	56	113	56	305	431.8	26	12	300	12
350	14	535	33.4	35	58	125	79	305	476.3	29	12	350	14
400	16	595	35	36.6	64	125	87	305	539.8	29	16	400	16
450	18	635	38.1	39.7	69	138	97	305	577.9	32	16	450	18
500	20	700	41.3	42.9	73	143	103	305	635	32	20	500	20
600	24	815	46.1	47.7	82	151	111	305	749.3	35	20	600	24