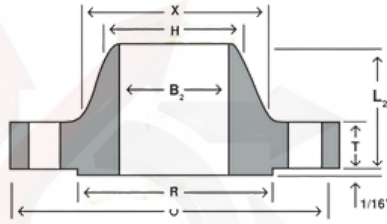
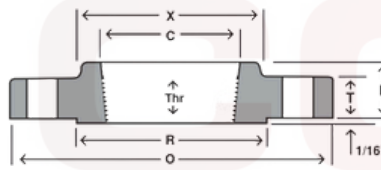


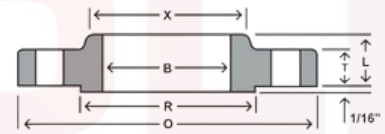
# ANSI B16.5 CLASS 300 FORGED FLANGES



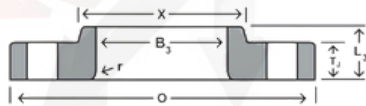
**WELD NECK**



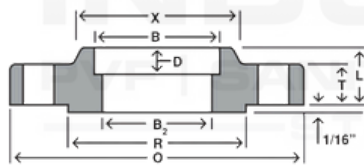
**THREADED**



**SLIP-ON**



**LAP JOINT**



**SOCKET WELD**



**BLIND**

Nom. Pipe Size	O	T	TJ	R	X	#/Dia of Holes	Bolt Circle Dia	B	B2B	B3	H	L	L2	L3C	r	C	D	Thr
1/2	3.75	0.5	0.56	1.38	1.5	4-0.63	2.62	0.88	0.62	0.9	0.84	0.81	2	0.88	0.12	0.93	0.38	0.62
3/4	4.62	0.56	0.62	1.69	1.88	4-0.75	3.25	1.09	0.82	1.11	1.05	0.94	2.19	1	0.12	1.14	0.44	0.62
1	4.88	0.62	0.69	2	2.12	4-0.75	3.5	1.36	1.05	1.38	1.32	1	2.38	1.06	0.12	1.41	0.5	0.69
1 1/4	5.25	0.69	0.75	2.5	2.5	4-0.75	3.88	1.7	1.38	1.72	1.66	1	2.5	1.06	0.19	1.75	0.56	0.81
1 1/2	6.12	0.75	0.81	2.88	2.75	4-0.88	4.5	1.95	1.61	1.97	1.9	1.13	2.63	1.19	0.25	1.98	0.62	0.88
2	6.5	0.81	0.88	3.62	3.31	8-0.75	5	2.44	2.07	2.46	2.38	1.25	2.69	1.31	0.31	2.5	0.69	1.12
2 1/2	7.5	0.94	1	4.12	3.94	8-0.88	5.88	2.94	2.47	2.97	2.88	1.44	2.94	1.5	0.31	3	0.75	1.25
3	8.25	1.06	1.12	5	4.62	8-0.88	6.62	3.57	3.07	3.6	3.5	1.63	3.06	1.69	0.38	3.63	0.81	1.25
3 1/2	9	1.12	1.19	5.5	5.25	8-0.88	7.25	4.07	3.55	4.1	4	1.69	3.13	1.75	0.38	4.13	....	1.44
4	10	1.19	1.25	6.19	5.75	8-0.88	7.88	4.57	4.03	4.6	4.5	1.82	3.32	1.88	0.44	4.63	....	1.44
5	11	1.31	1.38	7.31	7	8-0.88	9.25	5.66	5.05	5.69	5.56	1.94	3.82	2	0.44	5.69	....	1.69
6	12.5	1.38	1.44	8.5	8.12	12-0.88	10.62	6.72	6.07	6.75	6.63	2	3.82	2.06	0.5	6.75	....	1.81
8	15	1.56	1.62	10.62	10.25	12-1.00	13	8.72	7.98	8.75	8.63	2.38	4.32	2.44	0.5	8.75	....	2
10	17.5	1.81	1.88	12.75	12.62	16-1.12	15.25	10.88	10.02	10.92	10.75	2.56	4.56	3.75	0.5	10.88	....	2.19
12	20.5	1.94	2	15	14.75	16-1.25	17.75	12.88	12	12.92	12.75	2.82	5.06	4	0.5	12.94	....	2.38
14	23	2.06	2.12	16.25	16.75	20-1.25	20.25	14.14	13.25	14.18	14	2.94	5.56	4.38	0.5	14.19	....	2.5
16	25.5	2.19	2.25	18.5	19	20-1.38	22.5	16.16	15.25	16.19	16	3.19	5.69	4.75	0.5	16.19	....	2.69
18	28	2.31	2.38	21	21	24-1.38	24.75	18.18	17.25	18.2	18	3.44	6.19	5.12	0.5	18.19	....	2.75
20	30.5	2.44	2.5	23	23.12	24-1.38	27	20.2	19.25	20.25	20	3.69	6.32	5.5	0.5	20.19	....	2.88
22	33	2.57	2.63	25.25	25.25	24-1.63	29.25	22.22	21.25	22.25	22	3.93	6.43	5.75	0.5	22.19	....	3.13
24	36	2.69	2.75	27.25	27.62	24-1.63	32	24.25	23.25	24.25	24	4.13	6.56	6	0.5	24.19	....	3.25

**DIMENSIONS ARE IN INCHES**

(A) Bolt hole diameter 1/8" larger than bolt diameter

(B) Standard bore dimensions provided. See bore chart for other wall thicknesses

(C) This dimension is commonly associated with "true" lap joints. Industry standard is to make to the slip on length through the hub

