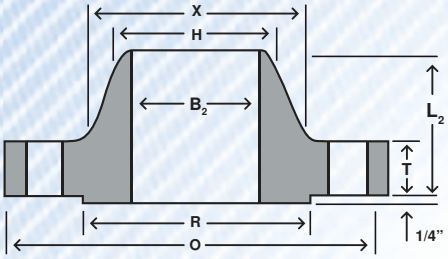
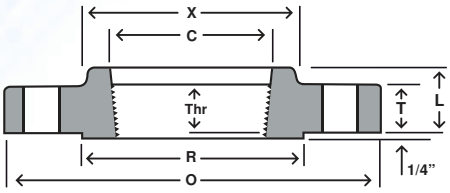
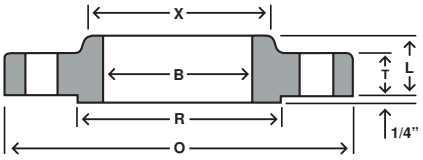
ANSI B16.5 Class 1500 Forged Flanges



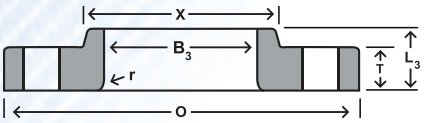
WELD NECK



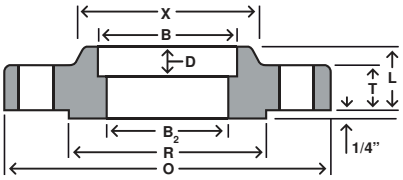
THREADED



SLIP—ON



LAP JOINT



SOCKET WELD

BLIND

Nom. Pipe Size	O	T	R	X	#/Dia of Holes[a]	Bolt Circle Dia	B	B_2[b]	B_3	H	L	L_2	L_3[c]	r	C	D	Thr
½	4.75	0.88	1.38	1.50	4-0.88	3.25	0.88	To be specified by Purchaser.	0.90	0.84	1.25	2.38	1.25	0.12	0.93	0.38	0.88
¾	5.12	1.00	1.69	1.75	4-0.88	3.50	1.09		1.11	1.05	1.38	2.75	1.38	0.12	1.14	0.44	1.00
1	5.88	1.12	2.00	2.06	4-1.00	4.00	1.36		1.38	1.32	1.62	2.88	1.62	0.12	1.41	0.50	1.12
1¼	6.25	1.12	2.50	2.50	4-1.00	4.38	1.70		1.72	1.66	1.62	2.88	1.62	0.19	1.75	0.56	1.19
1½	7.00	1.25	2.88	2.75	4-1.12	4.88	1.95		1.97	1.90	1.75	3.25	1.75	0.25	1.99	0.62	1.25
2	8.50	1.50	3.63	4.12	8-1.00	6.50	2.44		2.46	2.38	2.25	4.00	2.25	0.31	2.50	0.69	1.50
2½	9.62	1.62	4.13	4.88	8-1.12	7.50	2.94		2.97	2.88	2.50	4.12	2.50	0.31	3.00	0.75	1.88
3	10.50	1.88	5.00	5.25	8-1.25	8.00	....		3.60	3.50	....	4.62	2.88	0.38	....	....	....
4	12.25	2.12	6.19	6.38	8-1.38	9.50	....		4.60	4.50	....	4.88	3.56	0.44	....	....	....
5	14.75	2.88	7.31	7.75	8-1.63	11.50	....		5.69	5.56	....	6.12	4.12	0.44	....	....	....
6	15.50	3.25	8.50	9.00	12-1.50	12.50	....		6.75	6.63	....	6.75	4.69	0.50	....	....	....
8	19.00	3.62	10.63	11.50	12-1.75	15.50	....		8.75	8.63	....	8.38	5.62	0.50	....	....	....
10	23.00	4.25	12.75	14.50	12-2.00	19.00	....		10.92	10.75	....	10.00	7.00	0.50	....	....	....
12	26.50	4.88	15.00	17.75	16-2.12	22.50	....		12.92	12.75	....	11.12	8.62	0.50	....	....	....
14	29.50	5.25	16.25	19.50	16-2.38	25.00	....		14.18	14.00	....	11.75	9.50	0.50	....	....	....
16	32.50	5.75	18.50	21.75	16-2.63	27.75	....		16.19	16.00	....	12.25	10.25	0.50	....	....	....
18	36.00	6.38	21.00	23.50	16-2.88	30.50	....		18.20	18.00	....	12.88	10.88	0.50	....	....	....
20	38.75	7.00	23.00	25.25	16-3.12	32.75	....		20.25	20.00	....	14.00	11.50	0.50	....	....	....
24	46.00	8.00	27.25	30.00	16-3.63	39.00	....		24.25	24.00	....	16.00	13.00	0.50	....	....	....

DIMENSIONS ARE IN INCHES

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

(B) See bore chart for wall thickness

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