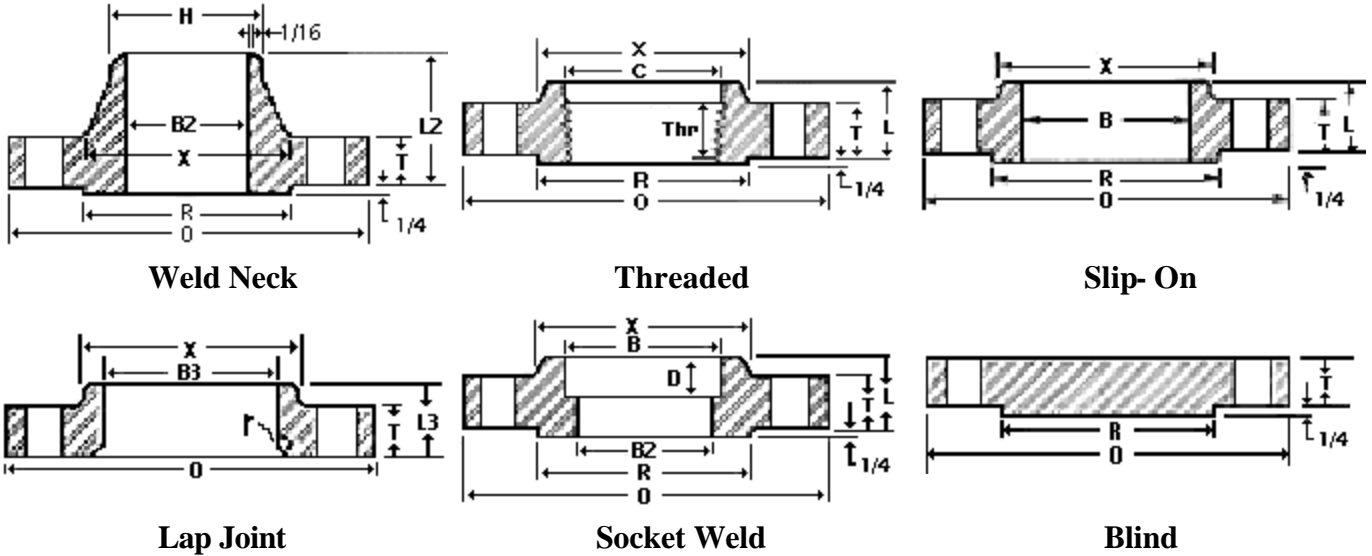


ANSI B16.5 Class 600 Forged Flanges



Nom. Pipe Size	O	T ₁	R	X	No. 2 and Dia. of Bolt Holes	Bolt Circle Dia.	L ₂₁	H	B ₂	L	B	r	L ₃	B ₃	D	C	Thr
1/2	3.75	0.56	1.38	1.5	4-0.62	2.62	2.06	0.84	To	0.88	0.88	0.12	0.88	0.9	0.38	0.93	0.62
3/4	4.62	0.62	1.69	1.88	4-0.75	3.25	2.25	1.05	Be	1	1.09	0.12	1	1.11	0.44	1.14	0.62
1	4.88	0.69	2	2.12	4-.075	3.5	2.44	1.32	S	1.06	1.36	0.12	1.06	1.38	0.5	1.41	0.69
1 1/4	5.25	0.81	2.5	2.5	4-0.75	3.88	2.62	1.66	p	1.12	1.7	0.19	1.12	1.72	0.56	1.75	0.81
1 1/2	6.12	0.88	2.88	2.75	4-0.88	4.5	2.75	1.9	e	1.25	1.95	0.25	1.25	1.97	0.62	1.99	0.88
2	6.5	1	3.62	3.31	8-0.75	5	2.88	2.38	c	1.44	2.44	0.31	1.44	2.46	0.69	2.5	1.12
2 1/2	7.5	1.12	4.12	3.94	8-0.88	5.88	3.12	2.88	i	1.62	2.94	0.31	1.62	2.97	0.75	3	1.25
3	8.25	1.25	5	4.62	8-0.88	6.62	3.25	3.5	f	1.81	3.57	0.38	1.81	3.6	0.81	3.63	1.38
3 1/2	9	1.38	5.5	5.25	8-1.00	7.25	3.38	4	i	1.94	4.07	0.38	1.94	4.1		4.13	1.56
4	10.75	1.5	6.19	6	8-1.00	8.5	4	4.5	e	2.12	4.57	0.44	2.12	4.6		4.63	1.62
5	13	1.75	7.31	7.44	8-1.12	10.5	4.5	5.56	d	2.38	5.66	0.44	2.38	5.69		5.69	1.88
6	14	1.88	8.5	8.75	12-1.12	11.5	4.62	6.63	by	2.62	6.72	0.5	2.62	6.75		6.75	2
8	16.5	2.19	10.62	10.75	12-1.25	13.75	5.25	8.63	p	3	8.72	0.5	3	8.75		8.75	2.25
10	20	2.50	12.75	13.5	16-1.38	17	6	10.75	u	3.38	10.88	0.5	4.38	10.92		10.88	2.56
12	22	2.62	15	15.75	20-1.38	19.25	6.12	12.75	r	3.62	12.88	0.5	4.62	12.92		12.94	2.75
14	23.75	2.75	16.25	17	20-1.50	20.75	6.5	14	c	3.69	14.14	0.5	5	14.18		14.19	2.88
16	27	3.00	18.5	19.5	20-1.62	23.75	7	16	h	4.19	16.16	0.5	5.5	16.19		18.19	3.06
18	29.25	3.25	21	21.5	20-1.75	25.75	7.25	18	a	4.62	18.18	0.5	6	18.2		18.1	3.12
20	32	3.5	23	24	24-1.75	28.5	7.5	20	s	5	20.2	0.5	6.5	20.25		20.19	3.25
22	34.25	3.75	25.25	26.25	24-1.75	30.63	7.75	22	e	5.25	22.22	0.5	6.88	22.25		--	--
24	37	4	27.25	28.25	24-2.00	33	8	24	r	5.5	24.25	0.5	7.25	24.25		24.19	3.62

Dimensions in inches.

Sizes NPS 1/2 through 3-1/2 are same as Class 400 flanges.

1- 1/4 in. raised face not included in dimensions T, L and L₂.

2- Bolt hole diameter 1/8 in. larger than bolt diameter.