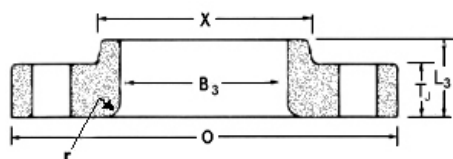


Class 600 Lap Joint forged flange



The lap joint flange is practically identical to a slip-on flange except it has a radius at the intersection of the bore and flange race. This radius is necessary to have the flange accommodate a lap joint stub end. Normally, a lap joint flange and a lap joint stub end are mated together in an assembly system.

Lap Joint forged flange

Nom. Pipe Size	O	T	R	X	#/Dia of Holes <sup>a</sup>	Bolt Circle Dia	B	<b>B<sub>2</sub><sup>b</sup></b>	<b>B<sub>3</sub></b>	H	L	L <sub>2</sub>	L <sub>3</sub> <sup>c</sup>	r	C	D	Thr
1/2	3.75	0.56	1.38	1.5	0.63	2.62	0.88	To be specified by Purchaser.	0.9	0.84	0.88	2.06	0.88	0.12	0.93	0.38	0.62
3/4	4.62	0.62	1.69	1.88	0.75	3.25	1.09		1.11	1.05	1	2.25	1	0.12	1.14	0.44	0.62
1	4.88	0.69	2	2.12	0.75	3.5	1.36		1.38	1.32	1.06	2.44	1.06	0.12	1.41	0.5	0.69
1 1/4	5.25	0.81	2.5	2.5	0.75	3.88	1.7		1.72	1.66	1.12	2.62	1.12	0.19	1.75	0.56	0.81
1 1/2	6.12	0.88	2.88	2.75	0.88	4.5	1.95		1.97	1.9	1.25	2.75	1.25	0.25	1.99	0.62	0.88
2	6.5	1	3.62	3.31	0.75	5	2.44		2.46	2.38	1.44	2.88	1.44	0.31	2.5	0.69	1.12
2 1/2	7.5	1.12	4.12	3.94	0.88	5.88	2.94		2.97	2.88	1.62	3.12	1.62	0.31	3	0.75	1.25
3	8.25	1.25	5	4.62	0.88	6.62	3.57		3.6	3.5	1.81	3.25	1.81	0.38	3.63	0.81	1.38
3 1/2	9	1.38	5.5	5.25	1.00	7.25	4.07		4.1	4	1.94	3.38	1.94	0.38	4.13	....	1.56
4	10.75	1.5	6.19	6	1.00	8.5	4.57		4.6	4.5	2.12	4	2.12	0.44	4.63	....	1.62
5	13	1.75	7.31	7.44	1.12	10.5	5.66		5.69	5.56	2.38	4.5	2.38	0.44	5.69	....	1.88
6	14	1.88	8.5	8.75	1.12	11.5	6.72		6.75	6.63	2.62	4.62	2.62	0.5	6.75	....	2
8	16.5	2.19	10.62	10.75	1.25	13.75	8.72		8.75	8.63	3	5.25	3	0.5	8.75	....	2.25
10	20	2.5	12.75	13.5	1.38	17	10.88		10.92	10.75	3.38	6	4.38	0.5	10.88	....	2.56
12	22	2.62	15	15.75	1.38	19.25	12.88		12.92	12.75	3.62	6.12	4.62	0.5	12.94	....	2.75
14	23.75	2.75	16.25	17	1.50	20.75	14.14		14.18	14	3.69	6.5	5	0.5	14.19	....	2.88
16	27	3	18.5	19.5	1.63	23.75	16.16		16.19	16	4.19	7	5.5	0.5	16.19	....	3.06
18	29.25	3.25	21	21.5	1.75	25.75	18.18		18.2	18	4.62	7.25	6	0.5	18.19	....	3.12
20	32	3.5	23	24	1.75	28.5	20.2		20.25	20	5	7.5	6.5	0.5	20.19	....	3.25
22	34.25	3.75	25.25	26.25	1.75	30.63	22.22		22.25	22	5.25	7.75	6.88	0.5	....	....	--
24	37	4	27.25	28.25	2.00	33	24.25		24.25	24	5.5	8	7.25	0.5	24.19	....	3.62

Dimensions are in inches.

- (a)- Bolt hole diameter 1/8 in. 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.

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