

Lap-Joint Flange

#300 • ASME B16.5 • NPS 1/2" to 24" • Dimensional Specifications

COMPANY

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NPS_nor	FLANGEN	FLANGEN	InsideD	Outside	Bolt	H	T1	T2	RA	Bolt	No. of
1/2					(BC)					(B)	Holes
3/4	3/4"	1.11"	4.62"	5.25"	1.00"	0.62"	1.00"	.12"	0.75"	4	
1											
1-1/4	1-1/4"	1.72"	5.25"	3.88"	2.50"	0.75"	1.06"	.19"	0.75"	4	-
1-1/2											
2	2"	2.46"	6.50"	5.00"	3.31"	0.88"	1.31"	.31"	0.75"	8	-
2-1/2											
3	3"	3.60"	8.25"	6.62"	4.62"	1.12"	1.69"	.38"	0.88"	8	-
3-1/2											
4	4"	4.60"	10.00"	7.88"	5.75"	1.25"	1.88"	.44"	0.88"	8	-
5											
6	6"	6.75"	12.50"	10.62"	8.12"	1.44"	2.06"	.50"	0.88"	12	-
8											
10	10"	10.92"	17.50"	15.25"	12.62"	1.88"	3.75"	.50"	1.12"	16	-
12											
14	14"	14.18"	23.00"	20.25"	16.75"	2.12"	4.38"	.50"	1.25"	20	-
16											
18	18"	18.20"	28.00"	24.75"	21.00"	2.38"	5.12"	.50"	1.38"	24	-

CONTINUED

Showing 18 of 21 NPS sizes. Full dimensions for all 21 sizes (NPS 1/2"-24") available in our engineering team response within 4 hours. Email mafuze@hebeiyagada.com.

FLANGE TYPE

Lap-Joint Flange (ⅡⅡⅡⅡ). Per ASME B16.5-2020 Table 7. Tolerances per ASME B16.5 §5.1 (typical 0.5mm/1mm). Hub length per ASTM A105 / A350 LF2 Cl.1 / A182 F304/F316 standard stock.