

Threaded Flange

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

COMPANY

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NPS_no	FLANGE	FLANGE	Inside	Outsid	Bolt C	Raised	Raised	H	Raised	T1	Flat	Bolt	No.
1/2	3/4"	1.14"	4.62"	5.12"	1.87"	.063"	.063"	1.00"	.063"	0.94"	0.75"	4	-
1	1-1/4"	1.75"	5.25"	5.88"	2.50"	.063"	.063"	1.06"	0.69"	1.00"	0.75"	4	-
1-1/2	2"	2.50"	6.50"	6.88"	3.62"	.063"	.063"	1.31"	0.82"	1.25"	0.75"	8	-
2	3"	3.63"	8.25"	8.62"	5.00"	.063"	.063"	1.69"	1.06"	1.63"	0.88"	8	-
2-1/2	4"	4.63"	10.00"	10.88"	6.19"	.063"	.063"	1.88"	1.19"	1.82"	0.88"	8	-
3	6"	6.75"	12.50"	13.62"	8.50"	.063"	.063"	2.06"	1.38"	2.00"	0.88"	12	-
3-1/2	8"	8.88"	15.50"	16.88"	10.75"	.063"	.063"	2.26"	1.58"	2.20"	1.12"	16	-
4	10"	10.88"	17.50"	19.12"	12.75"	.063"	.063"	2.62"	1.82"	2.56"	1.12"	16	-
5	12"	12.88"	19.50"	21.38"	14.75"	.063"	.063"	2.82"	2.02"	2.76"	1.25"	20	-
6	14"	14.19"	23.00"	25.25"	16.25"	.063"	.063"	3.08"	2.06"	2.94"	1.25"	20	-
8	16"	16.19"	25.00"	27.75"	18.00"	.063"	.063"	3.50"	2.32"	3.44"	1.38"	24	-
10	18"	18.19"	28.00"	31.25"	21.00"	.063"	.063"	3.50"	2.32"	3.44"	1.38"	24	-

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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

Threaded Flange (1/2" 1" 1 1/2" 2" 2 1/2" 3" 3 1/2" 4" 5" 6" 8" 10" 12" 14" 16" 18" 20" 24"). 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.