

Weld Neck Flange

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

COMPANY

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Founded 2008 • 50,000 T/YR annual capacity • Cangzhou, Hebei, China

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NPS_no	Flange	Flange	Inside	Outsid	Bolt C	Raised	Raised	H	H1	Raised	T1	Flat F	Bolt H	No. of
1/2	3/4"	.74"	4.62"	5.25"	1.89"	.250"	1.88"	1.85"	2.50"	0.62"	2.25"	0.75"	4	Holes
1	1-1/4"	1.28"	5.25"	3.88"	2.50"	.250"	2.50"	1.66"	2.87"	0.81"	2.62"	0.75"	4	-
1-1/2	2"	1.94"	6.50"	5.00"	3.62"	.250"	3.31"	2.38"	3.13"	1.00"	2.88"	0.75"	8	-
2	3"	2.90"	8.25"	6.62"	5.00"	.250"	4.62"	3.50"	3.50"	1.25"	3.25"	0.88"	8	-
2-1/2	4"	3.83"	10.00"	7.88"	6.19"	.250"	5.75"	4.50"	3.75"	1.38"	3.50"	1.00"	8	-
3	6"	5.76"	12.50"	10.62"	8.50"	.250"	8.12"	6.63"	4.31"	1.62"	4.06"	1.00"	12	-
3-1/2	8"	9.75"	17.50"	15.25"	12.75"	.250"	12.62"	10.75"	5.13"	2.12"	4.88"	1.25"	16	-
4	10"	13.00"	23.00"	20.25"	16.25"	.250"	16.75"	14.00"	6.13"	2.38"	5.88"	1.38"	20	-
5	12"	17.00"	28.00"	24.75"	21.00"	.250"	21.00"	18.00"	6.75"	2.62"	6.50"	1.50"	24	-
6	14"	21.00"	33.00"	29.75"	25.00"	.250"	25.00"	21.00"	7.50"	2.87"	7.00"	1.62"	24	-
8	18"	27.00"	41.00"	36.75"	31.00"	.250"	31.00"	25.00"	9.00"	3.12"	8.00"	1.75"	32	-
10	24"	47.00"	61.00"	54.75"	45.00"	.250"	45.00"	35.00"	13.00"	3.50"	10.00"	2.00"	48	-
12	30"	67.00"	81.00"	72.75"	57.00"	.250"	57.00"	43.00"	16.00"	3.75"	12.00"	2.12"	60	-
14	36"	87.00"	101.00"	90.75"	69.00"	.250"	69.00"	51.00"	19.00"	4.00"	14.00"	2.25"	72	-
16	42"	107.00"	121.00"	108.75"	81.00"	.250"	81.00"	59.00"	22.00"	4.25"	16.00"	2.37"	84	-
18	48"	127.00"	141.00"	126.75"	93.00"	.250"	93.00"	67.00"	25.00"	4.50"	18.00"	2.50"	96	-

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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

Weld Neck Flange (). 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.