

**ANSI B16-5 FLANGE**

# ASME B16.5 Welding Neck Flanges

Dimension B corresponds to the pipe inside diameter. Values quoted assume 40S/Standard wall thickness. Weights are based on manufacturer's data and are approximate. Flat face flanges may be provided at full thickness, C,...

- ISO9001 Supplier
- Class Certificate
- Export Supply



### Key Highlights

<b>Category</b>	ANSI B16-5 Flange
<b>Standard</b>	DIN
<b>Material</b>	Carbon steel
<b>Weight / Size</b>	Dimension B corresponds to the pipe inside diameter. Values quoted assume...
<b>Certificate</b>	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

### Technical Specifications

<b>Category</b>	ANSI B16-5 Flange	<b>Model / SKU</b>	ASME-B16-5-Welding-Neck-Flanges
<b>Standard</b>	DIN	<b>Material</b>	Carbon steel
<b>Weight / Size</b>	Dimension B corresponds to the pipe inside diameter. Values quoted assume 40S/Standard wall thickness.	<b>Certificate</b>	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS
<b>Warranty</b>	12 Months unless specified otherwise	<b>Origin</b>	China

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## China ASME B16.5 Welding Neck Flanges:

Dimension B corresponds to the pipe inside diameter. Values quoted assume 40S/Standard wall thickness.

Weights are based on manufacturer's data and are approximate.

Flat face flanges may be provided at full thickness, C, or with raised face removed (the latter is nonstandard).

### Specification:

Pipe Welding Neck Flange		Flange Data				Hub Data		Raised Face	Drilling Data		
Nominal Pipe Size	Outside Diameter	A	B	C	D	E	F	G	H	I	J
		Overall Diameter	Inside Diameter	Flange Thickness min	Overall Length	Diameter at Weld Bevel	Hub Diameter	Face Diameter	Number of Holes	Bolt Hole Diameter	Diameter of Circle of Holes
	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm
1/2	0.84	3.5	0.62	0.44	1.88	0.84	1.19	1.38	4	0.62	2.38
	21.3	88.9	15.7	11.2	47.8	21.3	30.2	35		15.7	60.45
3/4	1.05	3.88	0.82	0.5	2.06	1.05	1.5	1.69	4	0.62	2.75
	26.7	98.6	20.8	12.7	52.3	26.7	38.1	42.9		15.7	69.85
1	1.315	4.25	1.05	0.56	2.19	1.32	1.94	2	4	0.62	3.12
	33.4	108	26.7	14.2	55.6	33.5	49.3	50.8		15.7	79.25
1 1/4	1.66	4.62	1.173	0.62	15.7	57.15	2.31	2.5	4	0.62	3.5
	42.2	117.3	1.38	15.7	2.25	1.66	58.7	63.5		15.7	88.9
1 1/2	1.9	5	1.61	0.69	2.44	1.9	2.56	2.88	4	0.62	3.88
	48.3	127	40.9	17.5	62	48.3	65	73.15		15.7	98.6
2	2.375	6	2.07	0.75	2.5	2.38	3.06	3.62	4	0.75	4.75
	60.3	152.4	52.6	19.1	63.5	60.45	77.7	91.9		19.1	120.7
2 1/2	2.875	7	2.47	0.88	2.75	2.88	3.56	4.12	4	0.75	5.5
	73	177.8	62.7	22.4	69.85	73.15	90.4	104.6		19.1	139.7

3	3.5	7.5	3.07	0.94	2.75	3.5	4.25	5	4	0.75	6
	88.9	190.5	78	23.9	69.8 5	88.9	108	127		19.1	152.4
3 1/2	4	8.5	3.55	0.94	2.81	4	4.81	5.5	8	0.75	7
	101.6	215.9	90.2	23.9	71.4	101.6	122.2	139.7		19.1	177.8
4	4.5	9	4.03	0.94	3	4.5	5.31	6.19	8	0.75	7.5
	114.3	228.6	102.4	23.9	76.2	114.3	134.9	157.2		19.1	190.5
5	5.563	10	5.05	0.94	3.5	5.56	6.44	7.31	8	0.88	8.5
	141.3	254	128.3	23.9	88.9	141.2	163.6	185.7		22.4	215.9
6	6.625	11	6.07	1	3.5	6.63	7.56	8.5	8	0.88	9.5
	168.3	279.4	154.2	25.4	88.9	168.4	192	215.9		22.4	241.3
8	8.625	13.5	7.98	1.12	4	8.63	9.69	10.62	8	0.88	11.75
	219.1	342.9	202.7	28.4	101. 6	219.2	246.1	269.7		22.4	298.5
10	10.75	16	10.02	1.19	4	10.75	12	12.75	12	1	14.25
	273	406.4	254.5	30.2	101. 6	273	304.8	323.9		25.4	362
12	12.75	19	12	1.25	4.5	12.75	14.38	15	12	1	17
	323.8	482.6	304.8	31.75	114. 3	323.8	365.3	381		25.4	431.8

14	14	21	To be specified by Purchaser	1.38	5	14	15.75	16.25	12	1.12	18.75
	355.6	533.4		35.1	127	355.6	400.1	412.7		28.4	476.3
16	16	23.5		1.44	5	16	18	18.5	16	1.12	21.25
	406.4	596.9		36.6	127	406.4	457.2	469.9		28.4	539.8
18	18	25		1.56	5.5	18	19.88	21	16	1.25	22.75
	457.2	635		39.6	139.7	457.2	505	533.4		31.75	577.9
20	20	27.5		1.69	5.69	20	22	23	20	1.25	25
	508	698.5		42.9	144.5	508	558.8	584.2		31.75	635
24	24	32		1.88	6	24	26.12	27.25	20	1.38	29.5
	609.6	812.8		47.8	152.4	609.6	663.4	692.1		35.1	749.3