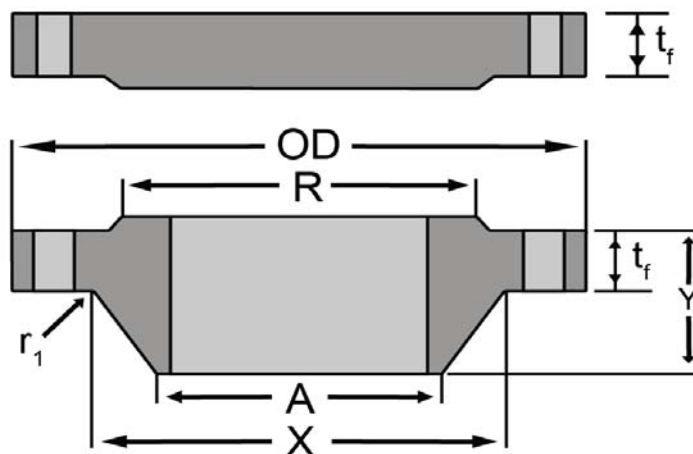




ASME B16.47 - 2017

Dimensions of Class 600 Series B Flanges



Nominal Size	Outside Diameter (OD)	Minimum Thickness of Flange, (t _f)		Length Through Hub (Y)	Hub Dia. Base (X) (Note2)	Hub Dia. Top (A)	Raised Face Dia. (R)	Drilling			Minimum Fillet Radius, (r ₁)	
		[Note (1)]						Bolt Circle Diameter	No. of Bolt Holes	Dia. of Bolt Hole		
		WNF	Blind									
26	35.00	4.38	4.38	7.12	27.50	26.00	28.62	31.75	28	1 ³ / ₄	1 ⁵ / ₈	0.50
28	37.50	4.56	4.56	7.50	29.62	28.00	30.88	34.00	28	1 ⁷ / ₈	1 ³ / ₄	0.50
30	40.25	4.94	5.00	8.06	31.75	30.00	33.12	36.50	28	2	1 ⁷ / ₈	0.50
32	42.75	5.12	5.31	8.50	33.88	32.00	35.25	38.75	28	2 ¹ / ₈	2	0.50
34	45.75	5.56	5.68	9.19	36.00	34.00	37.50	41.50	24	2 ³ / ₈	2 ¹ / ₄	0.56
36	47.75	5.75	5.94	9.56	38.12	36.00	39.75	43.50	28	2 ³ / ₈	2 ¹ / ₄	0.56
38	50.00	6.00	6.12	10.00	40.25	38.00	41.50	45.75	28	2 ³ / ₈	2 ¹ / ₄	0.56
40	52.00	6.25	6.38	10.38	42.25	40.00	43.75	47.75	32	2 ³ / ₈	2 ¹ / ₄	0.56
42	55.25	6.62	6.75	11.00	44.38	42.00	46.00	50.50	28	2 ⁵ / ₈	2 ¹ / ₂	0.56
44	57.25	6.81	7.00	11.38	46.50	44.00	48.25	52.50	32	2 ⁵ / ₈	2 ¹ / ₂	0.56
46	59.50	7.06	7.31	11.81	48.62	46.00	50.25	54.75	32	2 ⁵ / ₈	2 ¹ / ₂	0.56
48	62.75	7.44	7.69	12.44	50.75	48.00	52.50	57.50	32	2 ⁷ / ₈	2 ³ / ₄	0.56
50	65.75	7.75	8.00	12.94	52.88	50.00	54.50	60.00	28	3 ¹ / ₈	3	0.56
52	67.75	8.00	8.25	13.25	54.88	52.00	56.50	62.00	32	3 ¹ / ₈	3	0.56
54	70.00	8.25	8.56	13.75	57.00	54.00	58.75	64.25	32	3 ¹ / ₈	3	0.56
56	73.00	8.56	8.88	14.25	59.12	56.00	60.75	66.75	32	3 ³ / ₈	3 ¹ / ₄	0.62
58	75.00	8.75	9.12	14.56	61.12	58.00	63.00	68.75	32	3 ³ / ₈	3 ¹ / ₄	0.62
60	78.50	9.19	9.56	15.31	63.38	60.00	65.25	71.75	28	3 ⁵ / ₈	3 ¹ / ₂	0.69

GENERAL NOTES:

Dimensions are in inches.

- 1) The minimum flange thickness does not include the raised face thickness
- 2) This dimension is for the large end of hub, which may be straight or tapered.
- 3) Weldneck Bore/ID is to be specified by purchaser
- 4) For other details and tolerances see specification.

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