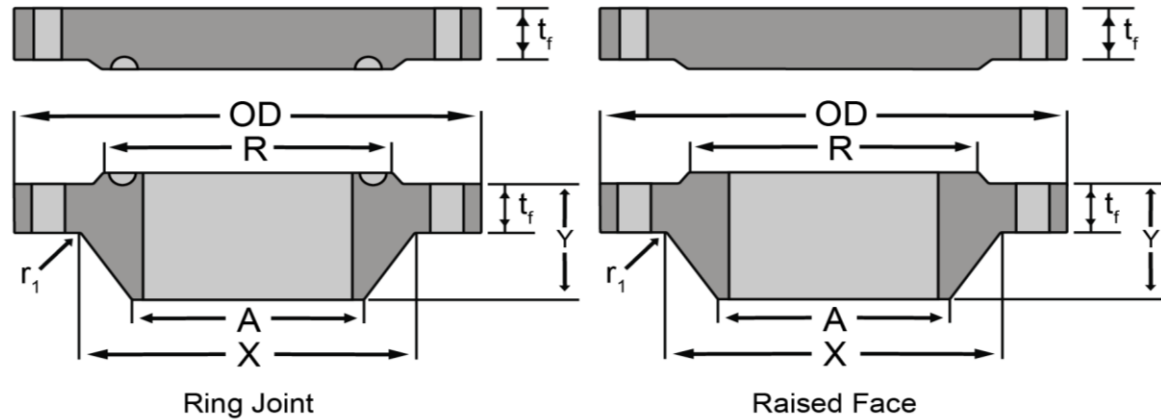


ASME B16.47 - 2017 Dimensions of Class 400 Series A Flanges



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	38.25	3.50	3.88	7.62	28.62	26.00	29.50	34.50	28	1 ⁷ / ₈	1 ³ / ₄	0.44
28	40.75	3.75	4.12	8.12	30.81	28.00	31.50	37.00	28	2	1 ⁷ / ₈	0.50
30	43.00	4.00	4.38	8.62	32.94	30.00	33.75	39.25	28	2 ¹ / ₈	2	0.50
32	45.25	4.25	4.56	9.12	35.00	32.00	36.00	41.50	28	2 ¹ / ₈	2	0.50
34	47.50	4.38	4.81	9.50	37.19	34.00	38.00	43.50	28	2 ¹ / ₈	2	0.56
36	50.00	4.50	5.06	9.88	39.38	36.00	40.25	46.00	32	2 ¹ / ₈	2	0.56
38	47.50	4.88	4.88	8.12	39.50	38.00	40.75	44.00	32	1 ⁷ / ₈	1 ³ / ₄	0.56
40	50.00	5.12	5.12	8.50	41.50	40.00	43.00	46.25	32	2	1 ⁷ / ₈	0.56
42	52.00	5.25	5.25	8.81	43.62	42.00	45.00	48.25	32	2	1 ⁷ / ₈	0.56
44	54.50	5.50	5.50	9.18	45.62	44.00	47.25	50.50	32	2 ¹ / ₈	2	0.56
46	56.75	5.75	5.75	9.62	47.75	46.00	49.50	52.75	36	2 ¹ / ₈	2	0.56
48	59.50	6.00	6.00	10.12	49.88	48.00	51.50	55.25	28	2 ³ / ₈	2 ¹ / ₄	0.56
50	61.75	6.19	6.25	10.56	52.00	50.00	53.62	57.50	32	2 ³ / ₈	2 ¹ / ₄	0.56
52	63.75	6.38	6.44	10.88	54.00	52.00	55.62	59.50	32	2 ³ / ₈	2 ¹ / ₄	0.56
54	67.00	6.69	6.75	11.38	56.12	54.00	57.88	62.25	28	2 ⁵ / ₈	2 ¹ / ₂	0.56
56	69.00	6.88	6.94	11.75	58.25	56.00	60.12	64.25	32	2 ⁵ / ₈	2 ¹ / ₂	0.56
58	71.00	7.00	7.12	12.06	60.25	58.00	62.12	66.25	32	2 ⁵ / ₈	2 ¹ / ₂	0.56
60	74.25	7.31	7.44	12.56	62.38	60.00	64.38	69.00	32	2 ⁷ / ₈	2 ³ / ₄	0.56

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.