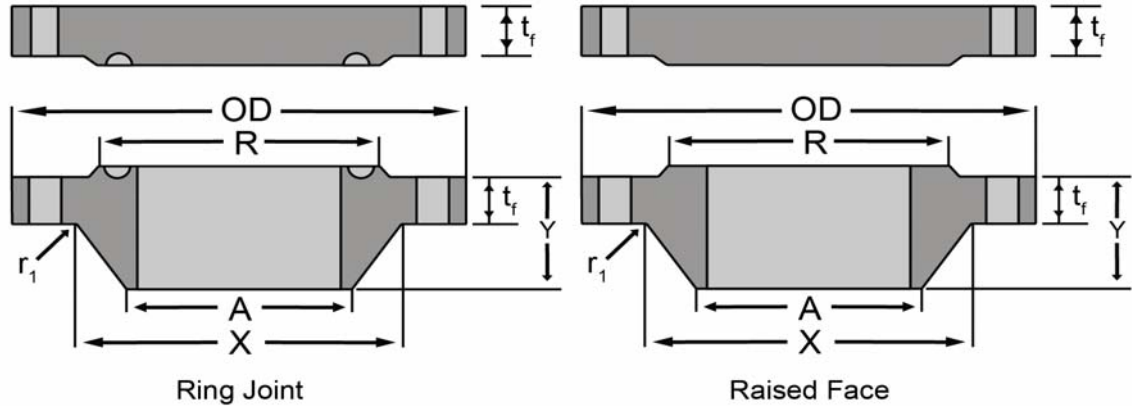




ASME B16.47 - 2017
Dimensions of Class 900 Series A Flanges



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	42.75	5.50	6.31	11.25	30.50	26.00	29.50	37.50	20	2 ⁷ / ₈	2 ³ / ₄	0.44
28	46.00	5.62	6.75	11.75	32.75	28.00	31.50	40.25	20	3 ¹ / ₈	3	0.50
30	48.50	5.88	7.18	12.25	35.00	30.00	33.75	42.75	20	3 ¹ / ₈	3	0.50
32	51.75	6.25	7.62	13.00	37.25	32.00	36.00	45.50	20	3 ³ / ₈	3 ¹ / ₄	0.50
34	55.00	6.50	8.06	13.75	39.62	34.00	38.00	48.25	20	3 ⁵ / ₈	3 ¹ / ₂	0.56
36	57.50	6.75	8.44	14.25	41.88	36.00	40.25	50.75	20	3 ⁵ / ₈	3 ¹ / ₂	0.56
38	57.50	7.50	8.50	13.88	42.25	38.00	43.25	50.75	20	3 ⁵ / ₈	3 ¹ / ₂	0.75
40	59.50	7.75	8.81	14.31	44.38	40.00	45.75	52.75	24	3 ⁵ / ₈	3 ¹ / ₂	0.81
42	61.50	8.12	9.12	14.62	46.31	42.00	47.75	54.75	24	3 ⁵ / ₈	3 ¹ / ₂	0.81
44	64.88	8.44	9.56	15.38	48.62	44.00	50.00	57.62	24	3 ⁷ / ₈	3 ³ / ₄	0.88
46	68.25	8.88	10.06	16.18	50.88	46.00	52.50	60.50	24	4 ¹ / ₈	4	0.88
48	70.25	9.19	10.38	16.50	52.88	48.00	54.50	62.50	24	4 ¹ / ₈	4	0.94
50	-	-	-	-	-	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-

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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