

ASME B16.47 Series A – Class 300 Weld Neck & Blind Flange Dimension

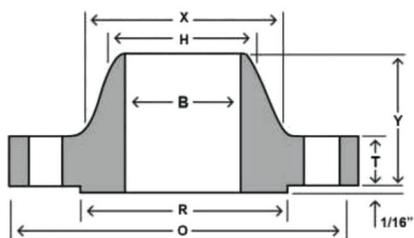
Flanges are typically made from:

Forged carbon steel: ASTM A105, A350 LF2

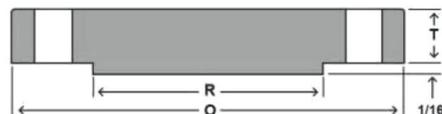
Alloy steel: ASTM A182 F11, F22, F5

Stainless steel: ASTM A182 F304, F304L, F316, F316L, F321, F347

Duplex stainless steel: ASTM A182 F51, F53, F55



WELD NECK



BLIND

Nom Size	Thickness								Drilling				Weight	
	OD	Weld Neck	Blind	OD of RF	Dia at Base	Bore	LTH	Dia Bevel	Bolt Circle	Bolt Length	Hole Dia	# of Holes	Weld Neck	Blind
	O	T	T	R	X	B	Y	H		(A)	(B)			
26	38.25	3.07	3.25	29.50	28.38		7.19	26.00	34.50	10.75	1.75	28	605	1078
28	40.75	3.32	3.50	31.50	30.50		7.69	28.00	37.00	11.25	1.75	28	745	1315
30	43.00	3.57	3.69	33.75	32.56		8.19	30.00	39.25	12.00	1.88	28	870	1543
32	45.25	3.82	3.88	36.00	34.69		8.69	32.00	41.50	12.50	2.00	28	1005	1795
34	47.50	3.94	4.07	38.00	36.88		9.07	34.00	43.50	13.00	2.00	28	1145	2068
36	50.00	4.07	4.32	40.25	39.00		9.44	36.00	46.00	13.50	2.12	32	1275	2436
38	46.00	4.19	4.19	40.50	39.12		7.06	38.00	43.00	12.50	1.62	32	695	2001
40	48.75	4.44	4.44	42.75	41.25		7.56	40.00	45.50	13.25	1.75	32	840	2380
42	50.75	4.63	4.63	44.75	43.25		7.82	42.00	47.50	13.75	1.75	32	950	2688
44	53.25	4.82	4.82	47.00	45.25		8.06	44.00	49.75	14.25	1.88	32	1055	3079
46	55.75	5.00	5.00	49.00	47.38		8.44	46.00	52.00	15.00	2.00	28	1235	3499
48	57.75	5.19	5.19	51.25	49.38		8.75	48.00	54.00	15.25	2.00	32	1380	3896
50	60.25	5.44	5.44	53.50	51.38		9.07	50.00	56.25	16.00	2.12	32	1530	4442
52	62.25	5.63	5.63	55.50	53.38		9.32	52.00	58.25	16.50	2.12	32	1660	4906
54	65.25	5.94	5.94	57.75	55.50		9.88	54.00	61.00	17.50	2.38	28	2050	5684
56	67.25	6.00	6.00	59.75	57.62		10.19	56.00	63.00	17.75	2.38	28	2155	6098
58	69.25	6.19	6.19	62.00	59.62		10.44	58.00	65.00	18.00	2.38	32	2270	6669
60	71.25	6.38	6.38	64.00	61.62		10.69	60.00	67.00	18.50	2.38	32	2470	7274

To be specified by Purchaser.

DIMENSIONS ARE IN INCHES | WEIGHTS ARE IN POUNDS

(A) Bolt lengths are calculated based on bolting one WN to one Blind

(B) Bolt diameter should be 1/8" less than the bolt hole diameter

(C) Larger sizes as well as intermediate sizes can be furnished