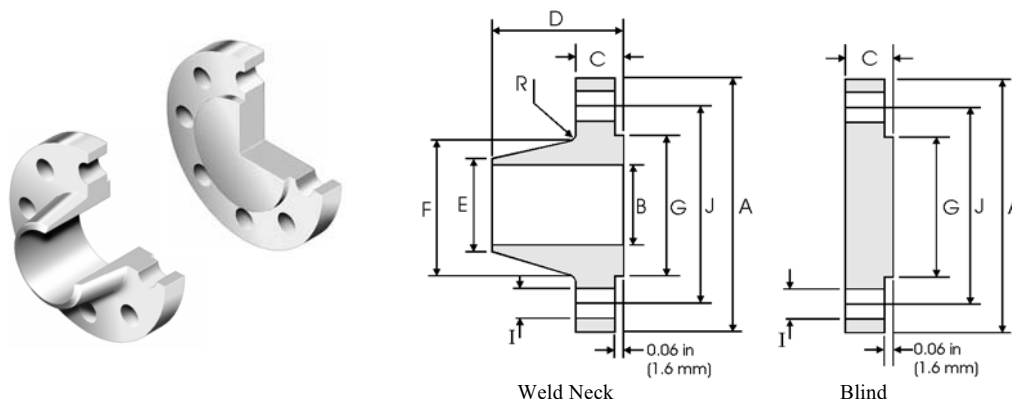


ASME B16.47 Class 300 Series B Welding Neck Flanges in the Catalog including Item #, Nominal Pipe Size, Outside Diameter (O), Minimum Thickness (T), Raised Face Diameter (R), Length Thru Hub (Y), Hub Diameter (X), Minimum Fillet Radius.

ASME B16.47 Series B (API 605) Flanges



Class 300 lb

Pipe	Flange Data				Hub Data			Raised Face	Drilling Data			Radius
Nominal Pipe Size	A	C		D	E	F	G	H	I	J	R	
	Overall Diameter	WNF Flange Thickness min	Blind Flange Thickness min	Overall Length WNF	Diameter at Weld Bevel	Hub Diameter	Face Diameter	Number of Holes	Bolt Hole Diameter	Diameter of Circle of Holes	Fillet	
	in mm	in mm	in mm	in mm	in mm	in mm	in mm		in mm	in mm	in mm	
26	34.12 866.65	3.50 88.90	3.50 88.90	5.69 144.53	26.19 665.23	27.62 701.55	29.00 736.60	32	1.38 35.05	31.62 803.15	0.56 14.22	
28	36.25 920.75	3.50 88.90	3.50 88.90	5.88 149.35	28.19 716.03	29.75 755.65	31.00 787.40	36	1.38 35.05	33.75 857.25	0.56 14.22	
30	39.00 990.60	3.69 93.73	3.69 93.73	6.22 157.99	30.25 768.35	32.00 812.80	33.25 844.55	36	1.50 38.10	36.25 920.75	0.56 14.22	
32	41.50 1054.1	4.06 103.12	4.06 103.12	6.62 168.15	32.25 819.15	34.00 863.60	35.50 901.70	32	1.62 41.15	38.50 977.90	0.62 15.75	
34	43.62 1107.9	4.06 103.12	4.06 103.12	6.81 172.97	34.25 869.95	36.12 917.45	37.50 952.50	36	1.62 41.15	40.62 1031.7	0.62 15.75	
36	46.12 1171.4	4.06 103.12	4.06 103.12	7.12 180.85	36.25 920.75	38.00 965.20	39.75 1009.7	32	1.75 44.45	42.88 1089.2	0.62 15.75	
38	48.12 1222.2	4.38 111.25	4.38 111.25	7.56 192.02	38.25 971.55	40.00 1016.0	41.75 1060.5	36	1.75 44.45	44.88 1140.0	0.62 15.75	
40	50.12 1273.0	4.56 115.82	4.56 115.82	7.81 198.37	40.25 1022.4	42.00 1066.8	43.88 1114.6	40	1.75 44.45	46.88 1190.8	0.62 15.75	
42	52.50 1333.5	4.69 119.13	4.69 119.13	8.06 204.72	42.31 1074.7	44.00 1117.6	46.00 1168.4	36	1.88 47.75	49.00 1244.6	0.62 15.75	
44	54.50 1384.3	5.00 127.00	5.00 127.00	8.44 214.38	44.31 1125.5	46.19 1173.2	48.00 1219.2	40	1.88 47.75	51.00 1295.4	0.62 15.75	
46	57.50 1460.5	5.06 128.52	5.12 130.05	8.75 222.25	46.31 1176.3	48.38 1228.9	50.00 1270.0	36	2.00 50.80	53.75 1365.3	0.62 15.75	
48	59.50 1511.3	5.06 128.52	5.31 134.87	8.81 223.77	48.31 1227.1	50.31 1277.9	52.25 1327.2	40	2.00 50.80	55.75 1416.1	0.62 15.75	

Notes

- ASME B16.47 Series B flanges are API 605 flanges. API 605 has been cancelled.
- Dimension B is to be specified by the purchaser. It corresponds to the pipe inside diameter.
- Flat face flanges may be provided at full thickness, C, or with raised face removed (the latter is nonstandard).
- WNF = Weld Neck Flange.
- The large end of the hub may be straight or tapered.
- For ring joint facings see page 8-6. For weld end bevel see page 8-5.
- For tolerances see page 8-4.