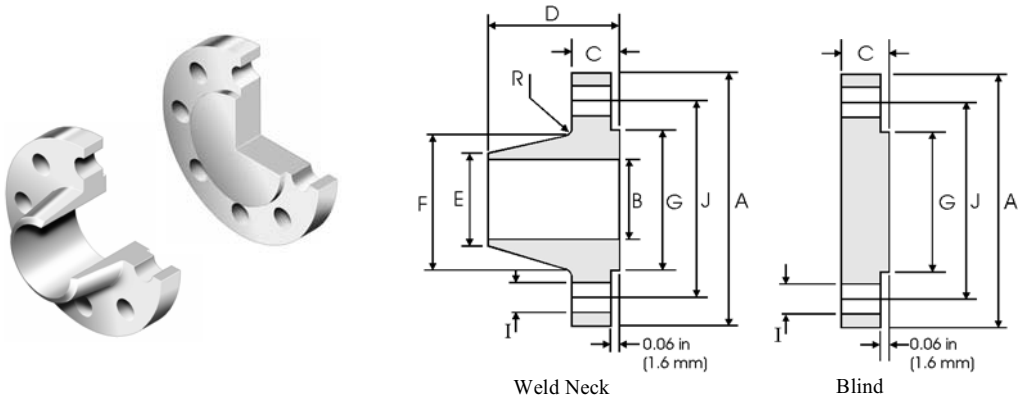


ASME B16.47 Series B (API 605) Flanges



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.