

ANTONG INDUSTRIAL CO.,LTD

[Http://antongcorp.com](http://antongcorp.com)

ANSI ASME B16.47 Ser. B API Flanges

*Dimensions, Sizes and Specification of ANSI ASME B 16.47 Ser.B API Flanges
Blind Flanges and Welding Neck Flanges*

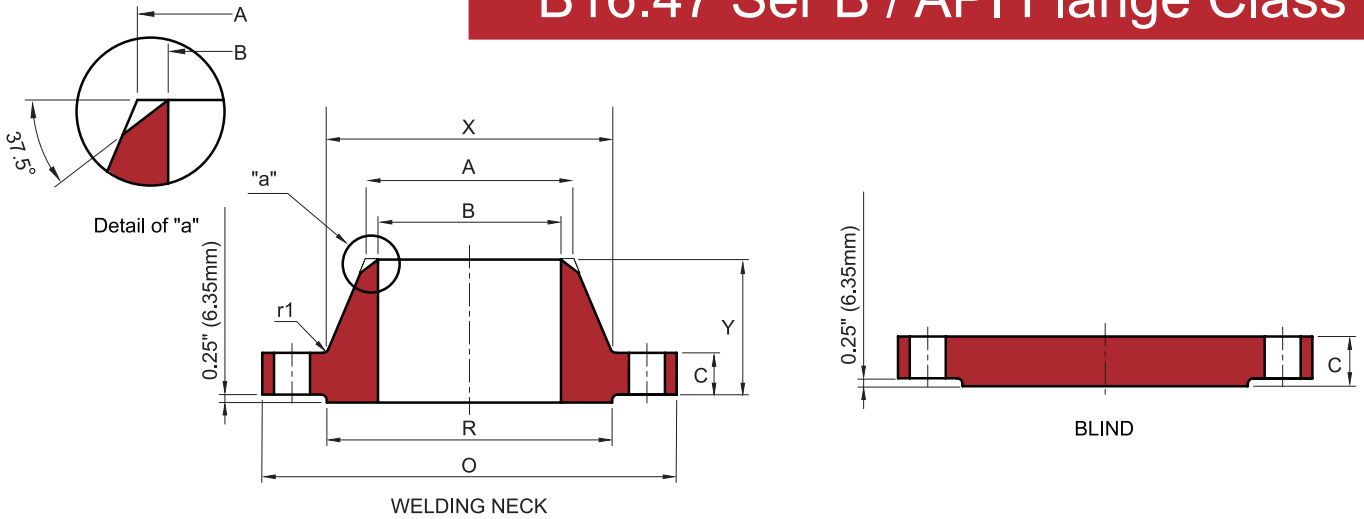


We supply welding neck flange, Blind flange on forged steel, carbon steel, stainless steel, alloy steel etc. 26 inch to 60 inch, pressure rating from class 150 to class 900 with raised face, flat face, ring joint (rj), rtj etc. according to ANSI/ASME B16.47 Series B Standard.



ANSI ASME

B16.47 Ser B / API Flange Class 75



CLASS75

Unit : mm

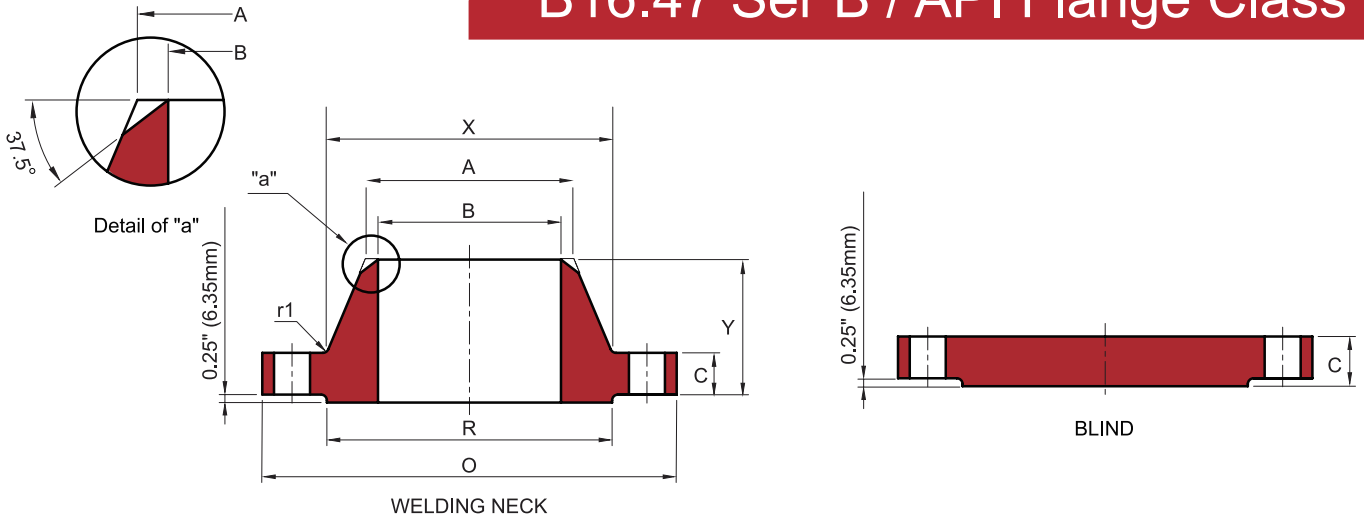
Nominal Pipe Size	O.D. OF Flange	Thickness		Length Through Hub	Diam. of Hub at Base	Hub Diam. Top	Raised Face Diam.	Drilling			Diam. of Bolt (inch)	Fillet Radius Min.
		W.N.F	Blind					Diam. of Bolt Circle	No. of Bolt Holes	Diam. of Bolt Holes		
		O	C									C
26	762.0	33.3	33.3	58.7	676.1	661.9	704.9	723.9	36	19.1	5/8	7.9
28	812.8	33.3	33.3	62.0	726.9	712.7	755.7	774.7	40	19.1	5/8	7.9
30	863.6	33.3	33.3	65.0	777.7	763.5	806.5	825.5	44	19.1	5/8	7.9
32	914.4	35.1	36.6	69.9	828.5	814.3	857.3	876.3	48	19.1	5/8	7.9
34	965.2	35.1	38.1	73.2	879.3	865.1	908.1	927.1	52	19.1	5/8	7.9
36	1033.5	36.6	42.4	85.8	935.0	915.9	965.2	992.1	40	22.4	3/4	9.7
38	1084.3	38.1	44.5	88.9	985.8	966.7	1016.0	1042.9	40	22.4	3/4	9.7
40	1135.1	38.1	44.5	91.9	1036.6	1017.5	1066.8	1093.7	44	22.4	3/4	9.7
42	1185.9	39.6	47.8	95.3	1087.4	1068.3	1117.6	1144.5	48	22.4	3/4	9.7
44	1251.0	42.9	49.3	104.6	1140.0	1119.1	1174.8	1203.5	36	25.4	7/8	9.7
46	1301.8	44.5	50.8	108.0	1190.8	1169.9	1225.6	1254.3	40	25.4	7/8	9.7
48	1352.6	46.0	53.8	111.3	1241.6	1220.7	1276.4	1305.1	44	25.4	7/8	9.7
50	1403.4	47.8	55.4	115.8	1293.9	1271.5	1327.2	1355.9	44	25.4	7/8	9.7
52	1457.5	47.8	57.2	120.7	1344.7	1322.3	1378.0	1409.7	48	25.4	7/8	9.7
54	1508.3	49.3	60.5	125.5	1397.0	1373.1	1428.8	1460.5	48	25.4	7/8	9.7
56	1574.8	50.8	62.0	134.9	1450.8	1423.9	1485.9	1521.0	40	28.4	1	11.2
58	1625.6	52.3	63.5	138.2	1501.6	1474.7	1536.7	1571.8	44	28.4	1	11.2
60	1676.4	55.6	66.5	144.5	1552.4	1525.5	1587.5	1622.6	44	28.4	1	11.2

NOTES

- 1) Bore size to be specified by customer.
- 2) When these flanges are required with flat face removed may be furnished.
Users are reminded that removing the raised face will make the length through hub nonstandard.



B16.47 Ser B / API Flange Class 150



CLASS150

Unit : mm

Nominal Pipe Size	O.D. OF Flange	Thickness		Length Through Hub	Diam. of Hub at Base	Hub Diam. Top	Raised Face Diam.	Drilling			Diam. of Bolt (inch)	Fillet Radius Min.
		W.N.F	Blind					Diam. of Bolt Circle	No. of Bolt Holes	Diam. of Bolt Holes		
		O	C									
26	785.9	41.1	44.5	88.9	684.3	661.9	711.2	744.5	36	22.4	3/4	9.7
28	836.7	44.5	47.8	95.3	735.1	712.7	762.0	795.3	40	22.4	3/4	9.7
30	887.5	44.5	50.8	100.1	787.4	763.5	812.8	846.1	44	22.4	3/4	9.7
32	941.3	46.0	53.8	108.0	839.7	814.3	863.6	900.2	48	22.4	3/4	9.7
34	1004.8	49.3	57.2	110.2	892.0	865.1	920.8	957.3	40	25.4	7/8	9.7
36	1057.1	52.3	58.7	117.3	944.6	915.9	971.6	1009.7	44	25.4	7/8	9.7
38	1124.0	53.8	63.5	124.0	997.0	968.2	1022.4	1069.8	40	28.4	1	9.7
40	1174.8	55.6	66.5	128.5	1049.3	1019.0	1079.5	1120.6	44	28.4	1	9.7
42	1225.6	58.7	68.3	133.4	1101.9	1069.8	1130.3	1171.4	48	28.4	1	11.2
44	1276.4	60.5	71.4	136.7	1152.7	1120.6	1181.1	1222.2	52	28.4	1	11.2
46	1341.4	62.0	74.7	144.5	1205.0	1171.4	1234.9	1284.2	40	31.8	1 1/8	11.2
48	1392.2	65.0	77.7	149.4	1257.3	1222.2	1289.1	1335.0	44	31.8	1 1/8	11.2
50	1443.0	68.3	80.8	153.9	1308.1	1273.0	1339.9	1385.8	48	31.8	1 1/8	11.2
52	1493.8	69.9	84.1	157.2	1360.5	1323.8	1390.7	1436.6	52	31.8	1 1/8	11.2
54	1549.4	71.4	87.4	162.1	1412.8	1374.6	1441.5	1492.3	56	31.8	1 1/8	11.2
56	1600.2	73.2	90.4	166.6	1465.4	1425.4	1492.3	1543.1	60	31.8	1 1/8	14.2
58	1674.9	74.7	93.5	174.8	1516.2	1476.2	1543.1	1611.4	48	35.1	1 1/4	14.2
60	1725.9	76.2	96.8	179.3	1570.0	1527.0	1600.2	1662.2	52	35.1	1 1/4	14.2

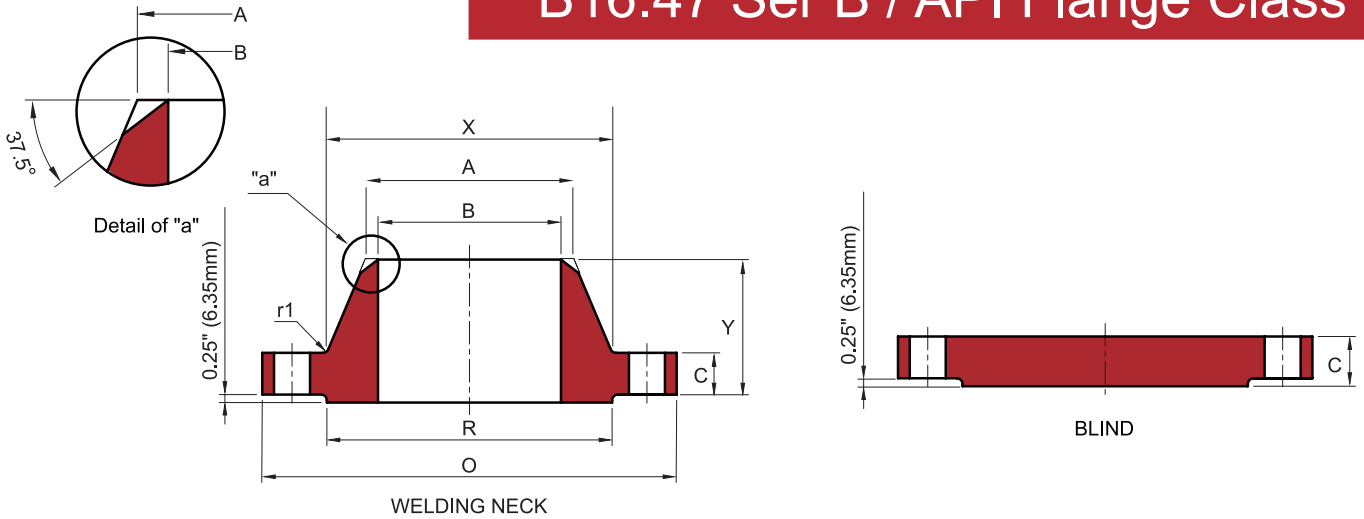
NOTES

- Bore size to be specified by customer.
- When these flanges are required with flat face removed may be furnished.
Users are reminded that removing the raised face will make the length through hub nonstandard.



ANSI ASME

B16.47 Ser B / API Flange Class 300



CLASS300

Unit : mm

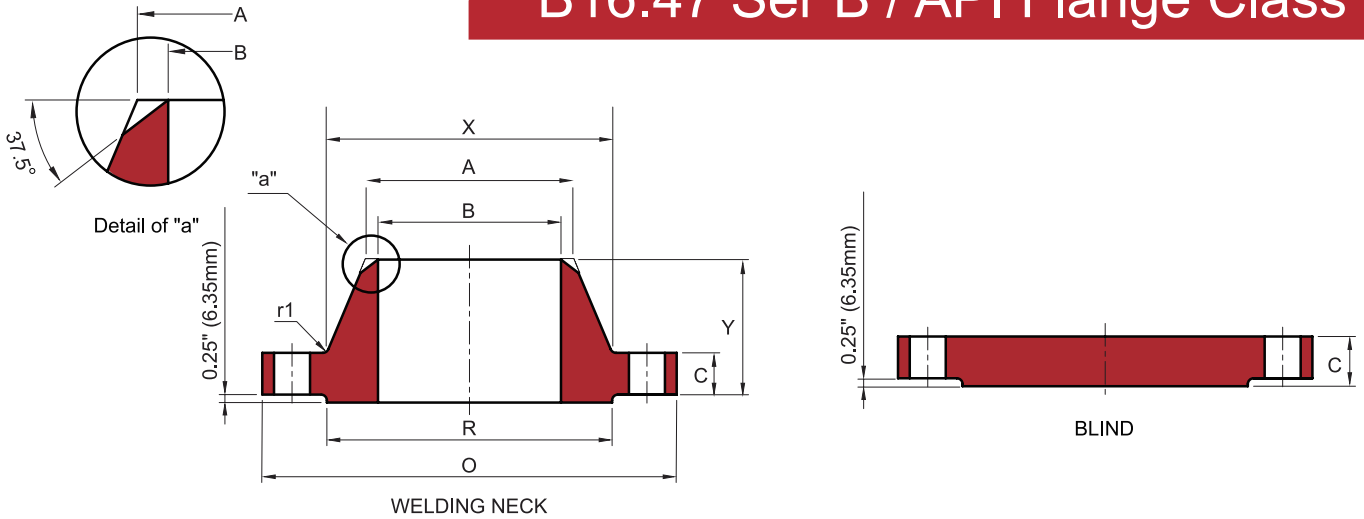
Nominal Pipe Size	O.D. OF Flange	Thickness		Length Through Hub	Diam. of Hub at Base	Hub Diam. Top	Rasied Face Diam.	Drilling			Diam. of Bolt (inch)	Fillet Radius Min.
		W.N.F	Blind					Diam. of Bolt Circle	No. of Bolt Holes	Diam. of Bolt Holes		
		O	C									
26	866.6	88.9	88.9	144.5	701.5	665.2	736.6	803.1	32	35.1	1 1/4	14.2
28	920.8	88.9	88.9	149.4	755.7	716.0	787.4	857.3	36	35.1	1 1/4	14.2
30	990.6	93.7	93.7	158.0	812.8	768.4	844.6	920.8	36	38.1	1 3/8	14.2
32	1054.1	103.1	103.1	168.1	863.6	819.2	901.7	977.9	32	41.1	1 1/2	15.7
34	1107.9	103.1	103.1	173.0	917.4	870.0	952.5	1031.7	36	41.1	1 1/2	15.7
36	1171.4	103.1	103.1	180.8	965.2	920.8	1009.7	1089.2	32	44.5	1 5/8	15.7
38	1222.2	111.3	111.3	192.0	1016.0	971.6	1060.5	1140.0	36	44.5	1 5/8	15.7
40	1273.0	115.8	115.8	198.4	1066.8	1022.4	1114.6	1190.8	40	44.5	1 5/8	15.7
42	1333.5	119.1	119.1	204.7	1117.6	1074.7	1168.4	1244.6	36	47.8	1 3/4	15.7
44	1384.3	127.0	127.0	214.4	1173.2	1125.5	1219.2	1295.4	40	47.8	1 3/4	15.7
46	1460.5	128.5	130.0	222.3	1228.9	1176.3	1270.0	1365.3	36	50.8	1 7/8	15.7
48	1511.3	128.5	134.9	223.8	1277.9	1227.1	1327.2	1416.1	40	50.8	1 7/8	15.7
50	1562.1	138.2	139.7	235.0	1330.5	1277.9	1378.0	1466.9	44	50.8	1 7/8	15.7
52	1612.9	142.7	144.3	242.8	1382.8	1328.7	1428.8	1517.7	48	50.8	1 7/8	15.7
54	1673.4	136.7	149.4	239.8	1435.1	1379.5	1479.6	1577.8	48	50.8	1 7/8	15.7
56	1765.3	153.9	157.0	268.2	1493.8	1430.3	1536.7	1651.0	36	60.5	2 1/4	17.5
58	1827.3	153.9	162.1	274.6	1547.9	1481.1	1593.9	1713.0	40	60.5	2 1/4	17.5
60	1878.1	150.9	166.6	271.5	1598.7	1531.9	1651.0	1763.8	40	60.5	2 1/4	17.5

NOTES

- 1) Bore size to be specified by customer.
- 2) When these flanges are required with flat face removed may be furnished.
Users are reminded that removing the raised face will make the length through hub nonstandard.



B16.47 Ser B / API Flange Class 600



CLASS600

Unit : mm

Nominal Pipe Size	O.D. OF Flange	Thickness		Length Through Hub Y	Diam. of Hub at Base X	Hub Diam. Top A	Rasied Face Diam. R	Drilling			Diam. of Bolt (inch)	Fillet Radius Min. r1
		W.N.F	Blind					Diam. of Bolt Circle	No. of Bolt Holes	Diam. of Bolt Holes		
		O	C									
26	889	111.3	111.3	180.8	698.5	660.4	726.9	806.5	28	44.5	1 5/8	12.7
28	952.5	115.8	115.8	190.5	752.3	711.2	784.4	863.6	28	47.8	1 3/4	12.7
30	1022.4	125.5	127.0	204.7	806.5	762.0	841.2	927.1	28	50.8	1 7/8	12.7
32	1085.9	130.0	134.9	215.9	860.6	812.8	895.4	984.3	28	53.8	2	12.7
34	1162.1	141.2	144.3	233.4	914.4	863.6	952.5	1054.1	24	60.5	2 1/4	14.2
36	1212.9	146.3	150.9	242.8	968.2	914.4	1009.7	1104.9	28	60.5	2 1/4	14.2
38	Size 38" thru 60" are identical to series A, Class 600 flanges.											
40												
42												
44												
46												
48												
50												
52												
54												
56												
58												
60												

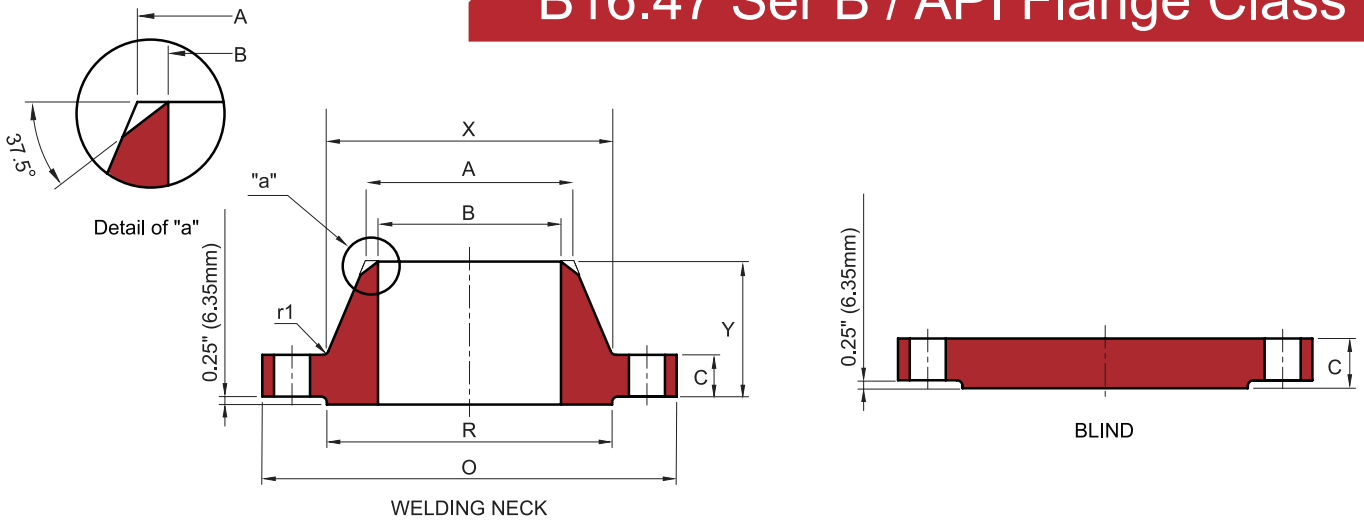
NOTES

- 1) Bore size to be specified by customer.
- 2) When these flanges are required with flat face removed may be furnished.
Users are reminded that removing the raised face will make the length through hub nonstandard.



ANSI ASME

B16.47 Ser B / API Flange Class 900



CLASS900

Unit : mm

Nominal Pipe Size	O.D. OF Flange	Thickness		Length Through Hub	Diam. of Hub at Base	Hub Diam. Top	Rasied Face Diam.	Drilling			Diam. of Bolt (inch)	Fillet Radius Min.
		W.N.F	Blind					Diam. of Bolt Circle	No. of Bolt Holes	Diam. of Bolt Holes		
		O	C									
26	1022.4	134.9	153.9	258.8	743.0	660.4	762.0	901.7	20	66.5	2 1/2	11.2
28	1104.9	147.6	166.6	276.4	797.1	711.2	819.2	971.6	20	73.2	2 3/4	12.7
30	1181.1	155.4	176.0	289.1	850.9	762.0	876.3	1035.1	20	79.2	3	12.7
32	1238.3	160.3	185.7	303.3	908.1	812.8	927.1	1092.2	20	79.2	3	12.7
34	1314.5	171.5	195.1	319.0	962.2	863.6	990.6	1155.7	20	85.9	3 1/4	14.2
36	1346.2	173.0	201.7	325.4	1016.0	914.4	1028.7	1200.2	24	79.2	3	14.2
38												
40												
42												
44												
46												
48												
50												
52												
54												
56												
58												
60												

Size 38" thru 60" are identical to series A, Class 900 flanges.

NOTES

- 1) Bore size to be specified by customer.
- 2) When these flanges are required with flat face removed may be furnished.
Users are reminded that removing the raised face will make the length through hub nonstandard.



blind flange dimensions

ANSI flange

ANSI flange dimension

ANSI flange specification

ANSI flange size

ansi flange standard

ANSI flange chart

weld neck flange

weld on flange

welded flange

welding flange

welding neck flange

weld neck flange

wnrf flange dimension

rfwn flange dimensions

b16.47 flange dimensions

asme flange

asme flange dimensions

blind flange

ANSI ASME B16.47 Ser. B API Flanges

*Dimensions, Sizes and Specification of ANSI ASME B 16.47 Ser.B API Flanges
Blind Flanges and Welding Neck Flanges*

More Information, please visit our website:

[Http://antongcorp.com](http://antongcorp.com)

ANTONG INDUSTRIAL CO.,LTD

[Http://antongcorp.com](http://antongcorp.com)

Mail: sales@antongcorp.com

Tel: 008631180763668