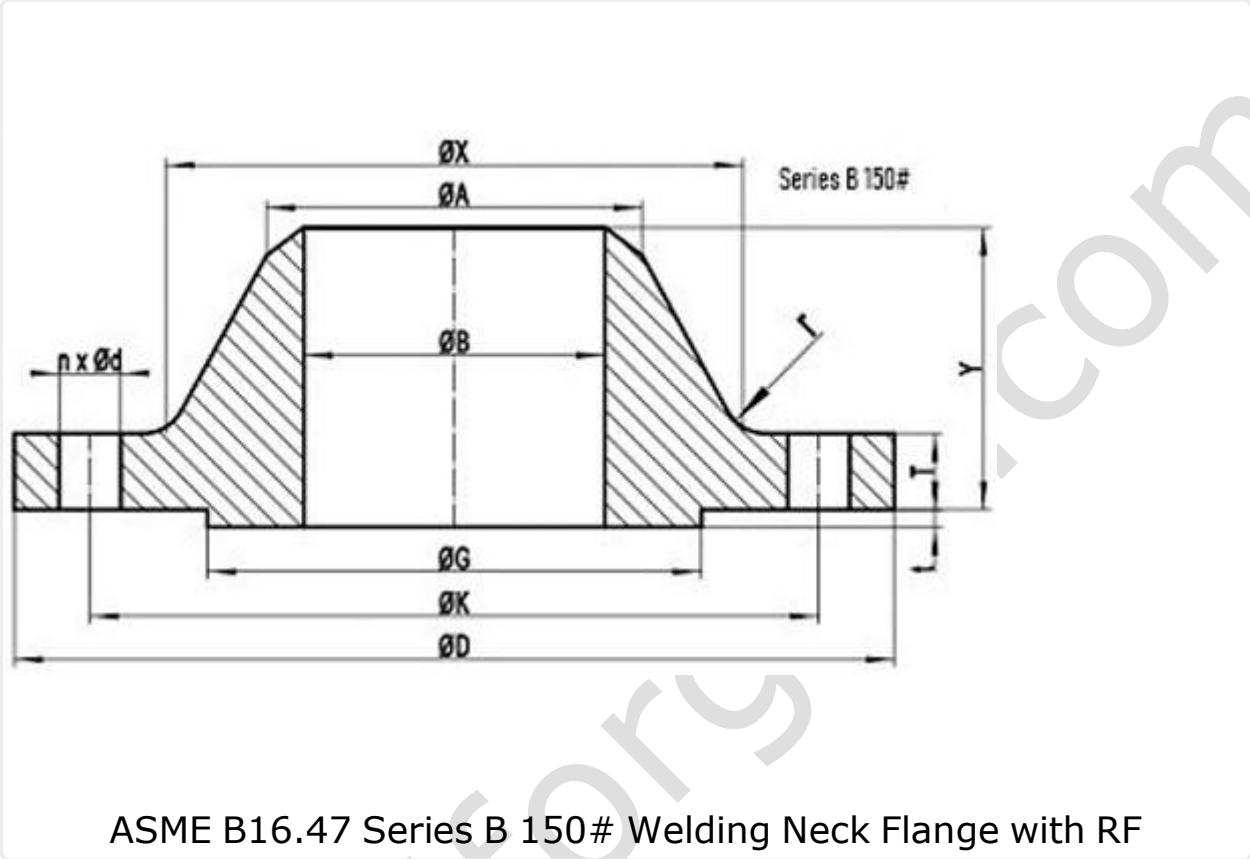
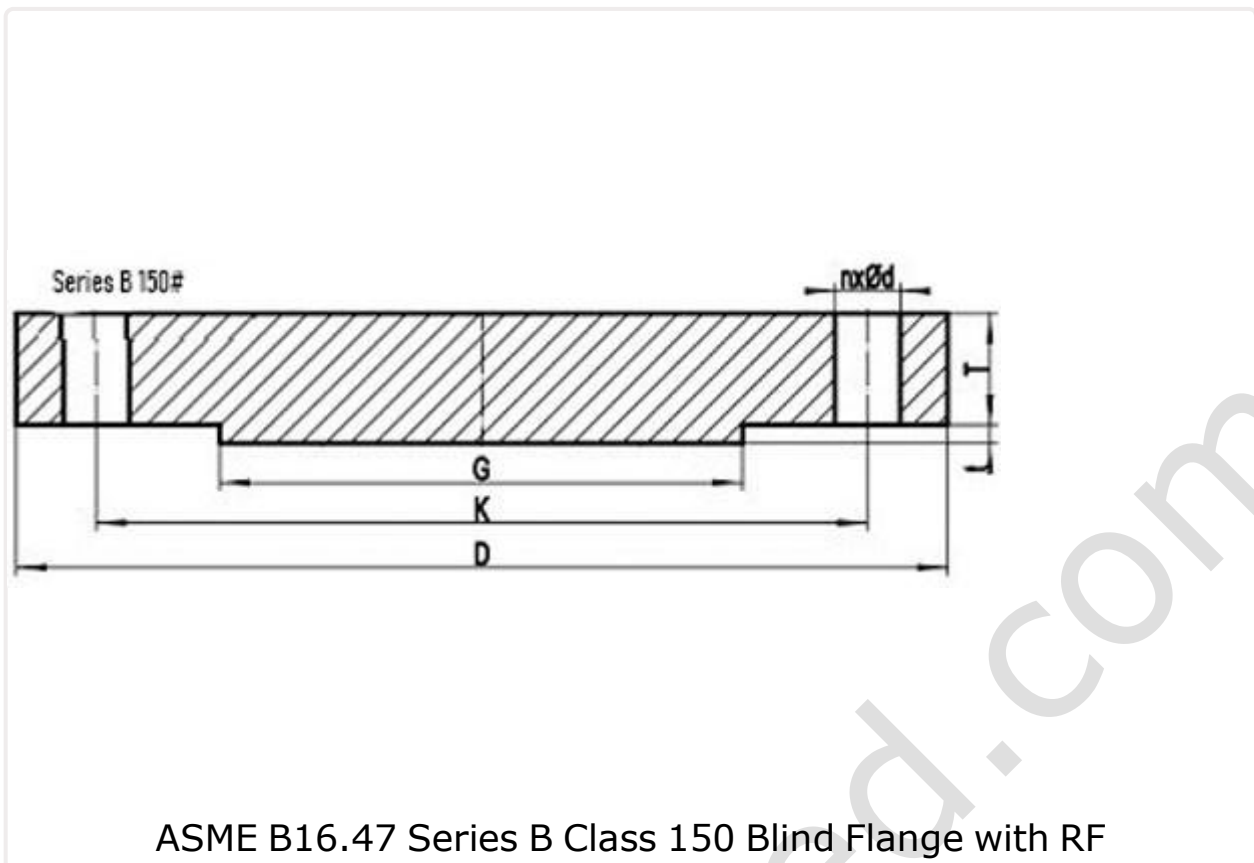


ASME B16 47 Class 150 Series B Flange

ASME B16.47 SERIES B FLANGES CLASS 150 DIMENSIONS AND TECHNICAL DRAWINGS





150# B16.47 SERIES B FLANGES DIMENSIONS

B16.47 DIMENSIONS IN MM

NPS	D	K	G	X
26	785	744.5	711	684
28	835	795.3	762	735
30	885	846.1	813	787
32	940	900.1	864	840
34	1005	957.3	921	892
36	1055	1009.6	972	945
38	1125	1070.0	1022	997
40	1175	1120.8	1080	1049
42	1225	1171.6	1130	1102
44	1275	1222.4	1181	1153
46	1340	1284.3	1235	1205
48	1390	1335.1	1289	1257
50	1445	1385.9	1340	1308
52	1495	1436.7	1391	1360
54	1550	1492.2	1441	1413
56	1600	1543.0	1492	1465

58	1675	1611.3	1543	1516
NPS	D	K	G	X
60	1725	1662.1	1600	1570

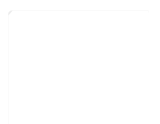
General Note:

- All dimensions are in MM.
- D: outside diameter of flange.
- K: diameter of bolt circle.
- G: outside diameter of raised face.
- X: diameter of hub of WN flange.

NPS	A	TBL	TWN	Y
26	661.9	43.0	39.8	87
28	712.7	46.2	43.0	94
30	763.5	49.3	43.0	98
32	814.3	52.5	44.6	106
34	865.1	55.7	47.7	109
36	915.9	57.3	50.9	116
38	968.2	62.0	52.5	122
40	1019.0	65.2	54.1	127
42	1069.8	66.8	57.3	132
44	1120.6	70.0	58.9	135
46	1171.4	73.1	60.4	143
48	1222.2	76.3	63.6	148
50	1273.0	79.5	66.8	152
52	1323.8	82.7	68.4	156
54	1374.6	85.8	70.0	160
56	1425.4	89.0	71.6	165
58	1476.2	91.9	73.1	173
60	1527.0	95.4	74.7	178

General Note:

- All dimensions are in MM.
- A: Diameter of hub top of WN.
- TBL: minimum thickness of blind flange.
- TWN: minimum thickness of WN flange.
- Y: length through hub of WN.
- t: 2mm height of RF for Class 150 Series B flange.



NPS	n	d	l	r
26	36	7/8	3/4	10
28	40	7/8	3/4	10
30	44	7/8	3/4	10
32	48	7/8	3/4	10
34	40	1	7/8	10
36	44	1	7/8	10
38	40	1-1/8	1	10
40	44	1-1/8	1	10
42	48	1-1/8	1	11
44	52	1-1/8	1	11
46	40	1-1/4	1-1/8	11
48	44	1-1/4	1-1/8	11
50	48	1-1/4	1-1/8	11
52	52	1-1/4	1-1/8	11
54	56	1-1/4	1-1/8	11
56	60	1-1/4	1-1/8	14
58	48	1-3/8	1-1/4	14
60	52	1-3/8	1-1/4	14

General Note:

- n: number of bolt holes.
- d: diameter of bolt hole.
- l: diameter of bolt.
- r: minimum fillet radius for WN.
- d and l are in inch units, while r is in mm unit.

ASME B16.47 SERIES B CLASS 150 FLANGES INDUSTRIES AND APPLICATIONS

- Pumps, Valves, and vessels in manufacturing and food processing.
- Pipe connections in industrial waterworks.
- Heat exchangers and heating systems of all sizes.
- Mining support.
- Nuclear power systems.
- Plumbing and mechanical systems.
- Assemblies in the oil, gas, and petrochemical industries.
- Fire protection systems.

