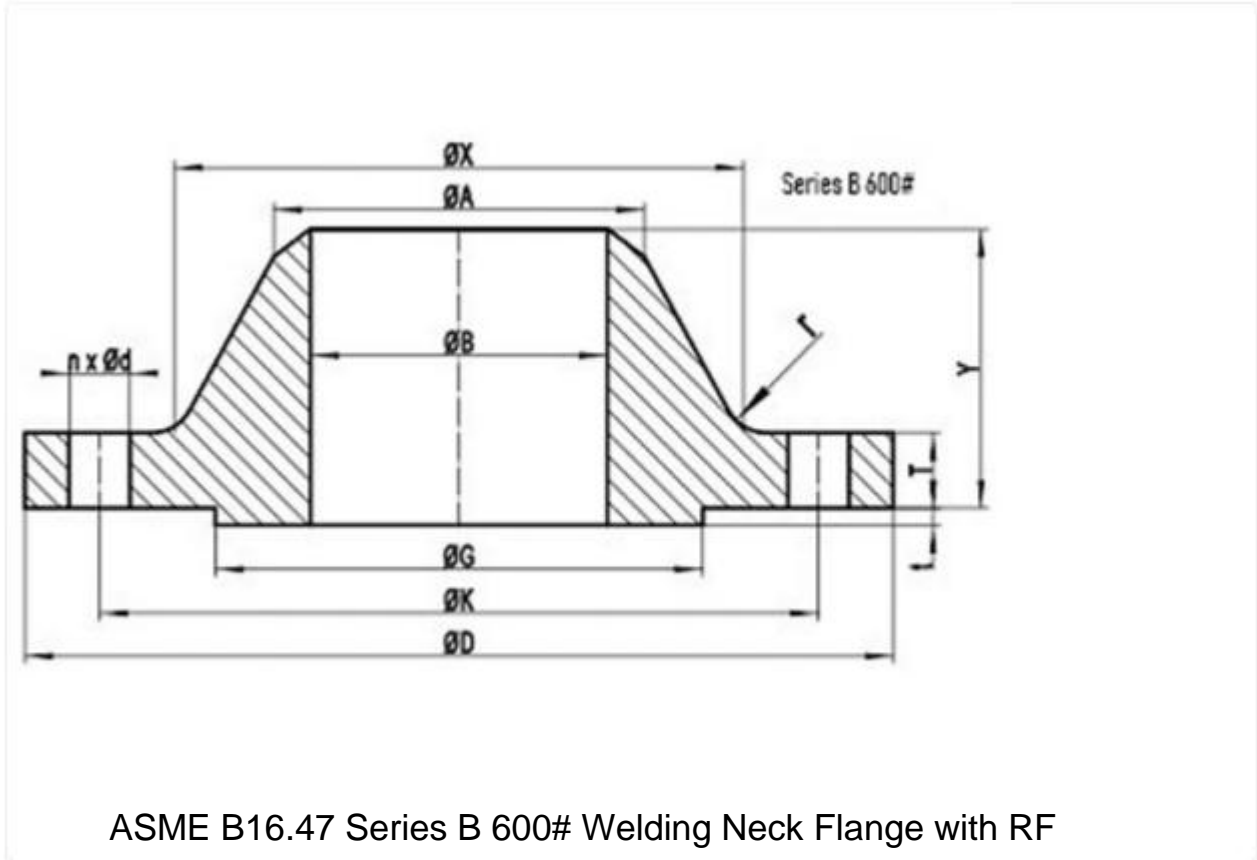
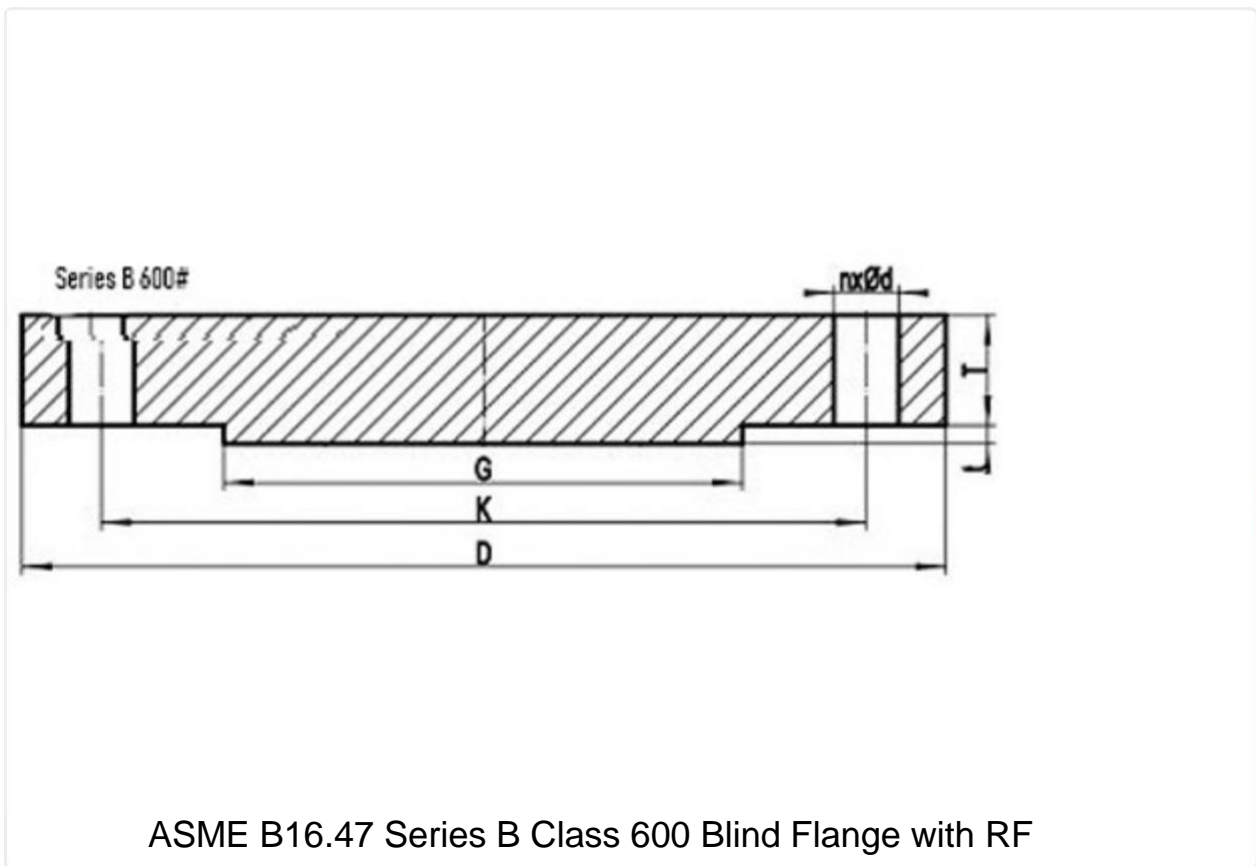


ASME B16 47 Class 600 Series B Flange

ASME B16.47 SERIES B FLANGES CLASS 600 DIMENSIONS AND TECHNICAL DRAWINGS





600# B16.47 SERIES B FLANGES DIMENSIONS

B16.47 DIMENSIONS IN MM

NPS	D	K	G	X
26	890	806.4	727	698
28	950	863.6	784	752
30	1020	927.1	841	806
32	1085	984.2	895	860
34	1160	1054.1	953	914
36	1215	1104.9	1010	968

General Note:

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

NPS	A	TBL	TWN	Y
26	660.4	111.3	111.2	181
28	711.2	115.9	115.9	190
30	762.0	127.0	125.5	205

NPS	A	TBL	TWN	Y
32	812.8	134.9	130.2	216
34	863.6	144.2	141.3	233
36	914.4	150.9	146.1	243

General Note:

- All dimensions are in MM.
- A: Diameter of hub top of WN.
- TBL: minimum thickness of blind fange.
- TWN: minimum thickness of WN fange.
- Y: length through hub of WN.
- t: 7mm height of RF for Class 600 Series B fange.

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NPS	n	d	l	r
26	28	1-3/4	1-5/8	13
28	28	1-7/8	1-3/4	13
30	28	2	1-7/8	13
32	28	2-1/8	2	13
34	24	2-3/8	2-1/4	14
36	28	2-3/8	2-1/4	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 600 FLANGES INDUSTRIES AND APPLICATIONS

WIDELY USED IN THE INDUSTRIES

- 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.