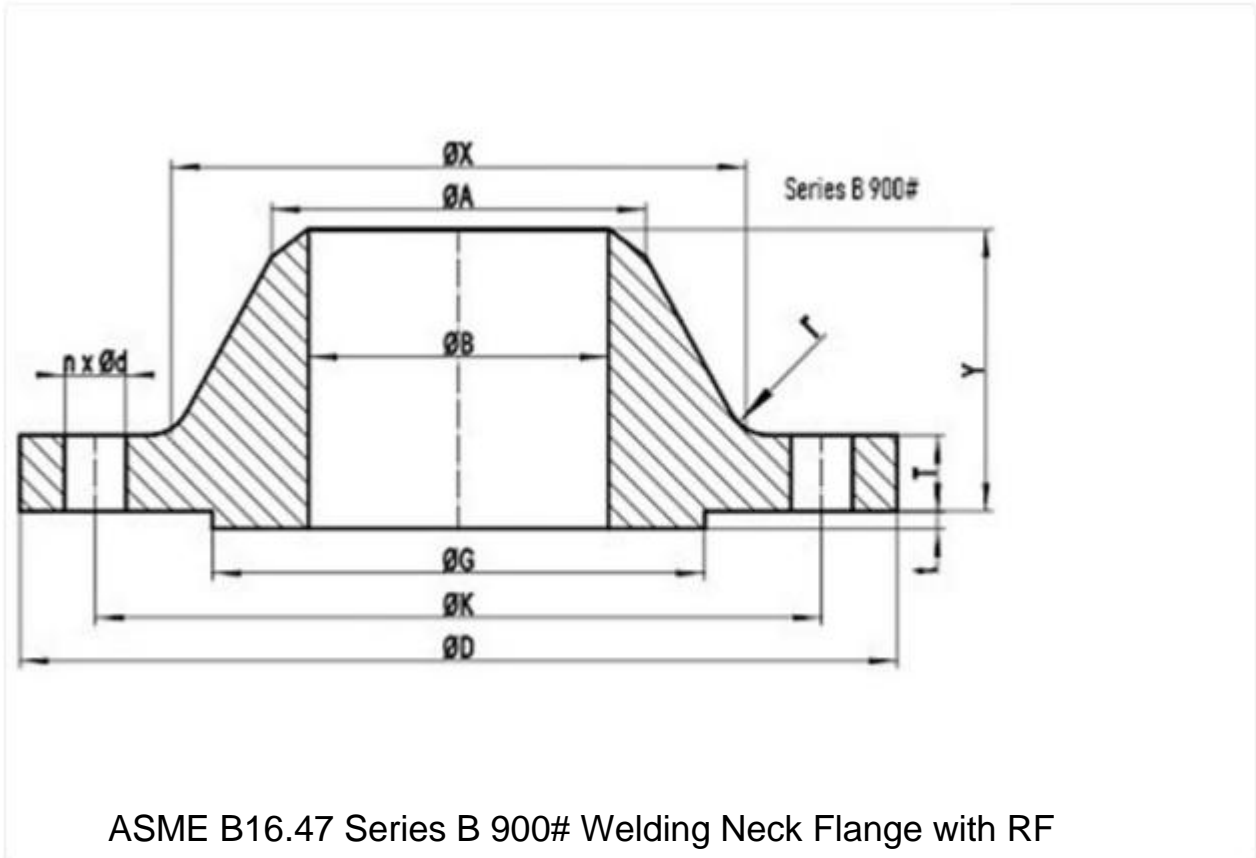
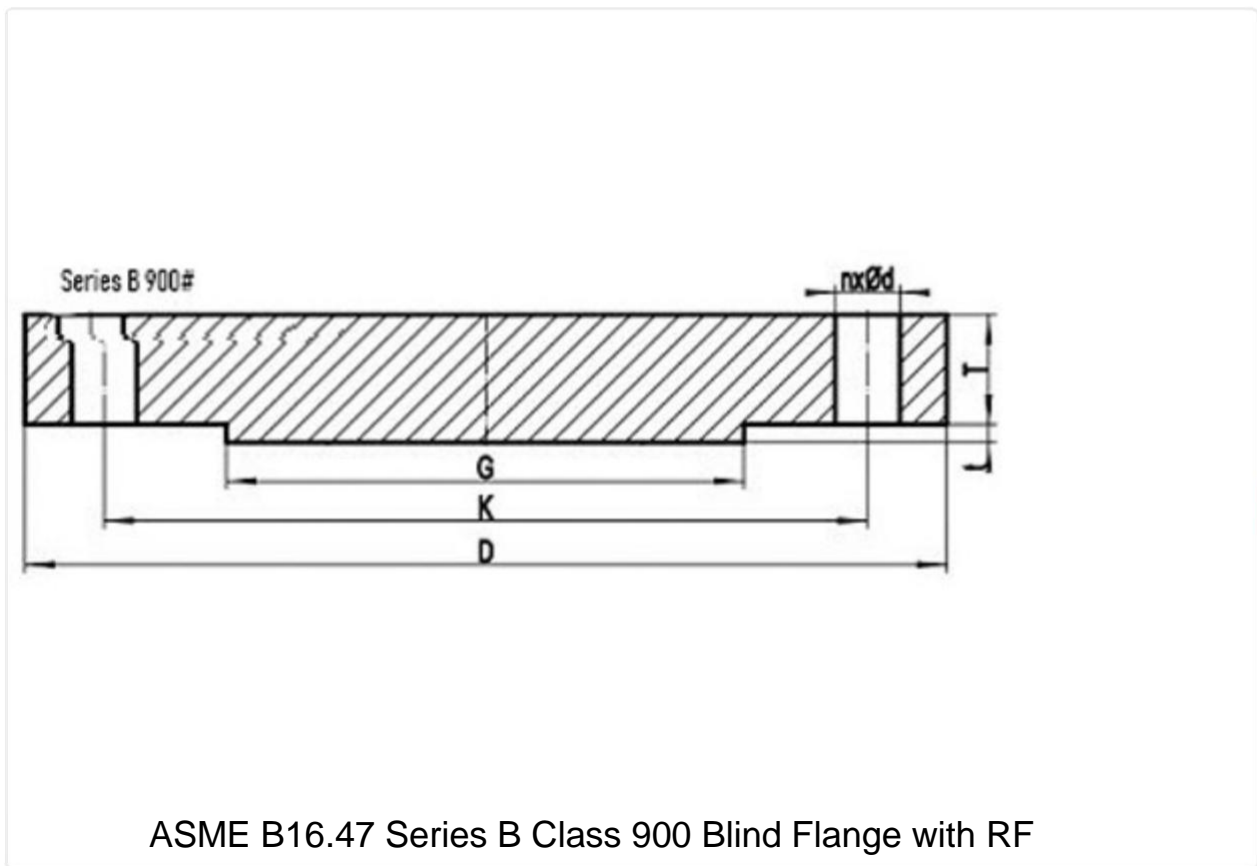


ASME B16 47 Class 900 Series B Flange

ASME B16.47 SERIES B FLANGES CLASS 900 DIMENSIONS AND TECHNICAL DRAWINGS





900# B16.47 SERIES B FLANGES DIMENSIONS

B16.47 DIMENSIONS IN MM

NPS	D	K	G	X
26	1020	901.7	762	743
28	1105	971.6	819	797
30	1180	1035.0	876	851
32	1240	1092.2	927	908
34	1315	1155.7	991	962
36	1345	1200.2	1029	1016

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	154.0	135.0	259
28	711.2	166.7	147.7	276
30	762.0	176.1	155.6	289

NPS	A	TBL	TWN	Y
32	812.8	186.0	160.4	303
34	863.6	195.0	171.5	319
36	914.4	201.7	173.1	325

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 900 Series B fange.

NPS	n	d	l	r
26	20	2-5/8	2-1/2	11
28	20	2-7/8	2-3/4	13
30	20	3-1/8	3	13
32	20	3-1/8	3	13
34	20	3-3/8	3-1/4	14
36	24	3-1/8	3	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 900 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.