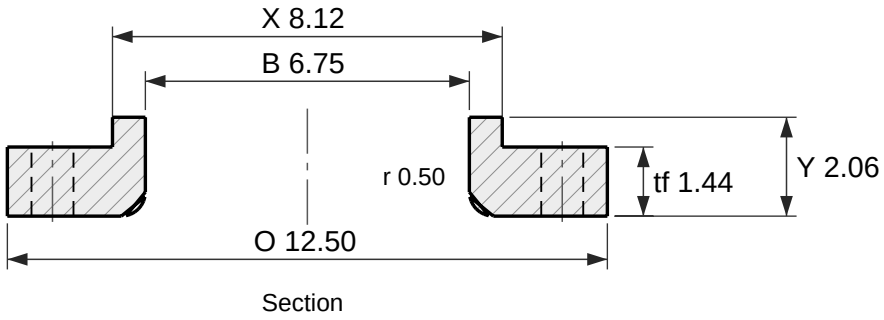
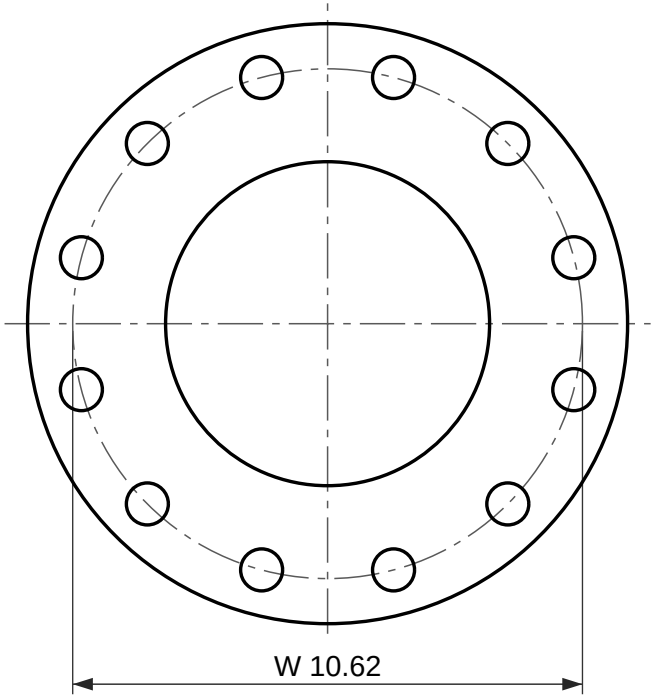
Approx. weight

Material	lb	kg
Carbon steel	34.4	15.6
Stainless steel 304 and 304L	34.6	15.7
Stainless steel 316 and 316L	35.1	15.9

Densities 7.85, 7.9 and 8.0 g/cm3.
Calculated from the dimensions as the standard gives them, with no allowance for tolerance.



Section



12 holes Ø0.88

Face view

Lap joint flange, ASME B16.5 Class 300

NPS 6 (DN 150)

Dimensions per ASME B16.5-2025, inches and millimetres as the standard's own tables give them.
Lap joint flange: no raised face; it seats on the stub end lap.
Reference drawing. The purchase order and ASME B16.5 govern. Check the latest edition.
Generated at rajendradatacenter.us/flanges/lap-joint/

Dimension	in	mm
O Outside diameter	12.50	318
tf Flange thickness	1.44	36.6
Y Length through hub	2.06	52
X Hub diameter at base	8.12	206
B Bore	6.75	171.4
r Corner radius of bore	0.50	13
W Bolt circle diameter	10.62	269.7
h Bolt holes, 12 off	0.88	22.2

12 stud bolts of 3/4 in; holes 0.88 in (22.2 mm)

RAJENDRA INDUSTRIAL CORPORATION
rajendradatacenter.us
Drawing RIC-B165-LJ300-6
Scale 1:4 on Letter
Units: inches (mm)
Date 2026-11-22
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