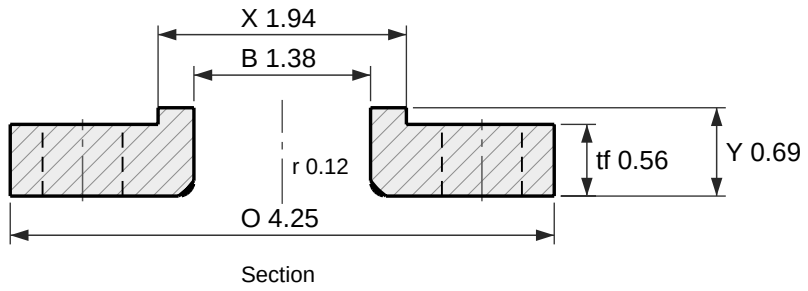
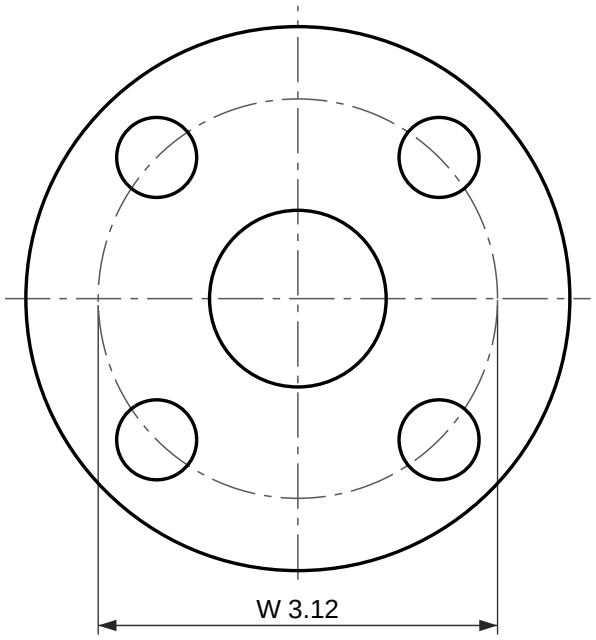
Approx. weight

Material	lb	kg
Carbon steel	1.9	0.8
Stainless steel 304 and 304L	1.9	0.9
Stainless steel 316 and 316L	1.9	0.9

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



4 holes Ø0.62
Face view

Lap joint flange, ASME B16.5 Class 150

NPS 1 (DN 25)

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	4.25	108
tf Flange thickness	0.56	14.2
Y Length through hub	0.69	18
X Hub diameter at base	1.94	49
B Bore	1.38	35.1
r Corner radius of bore	0.12	3
W Bolt circle diameter	3.12	79.2
h Bolt holes, 4 off	0.62	15.9

4 stud bolts of 1/2 in; holes 0.62 in (15.9 mm)

RAJENDRA INDUSTRIAL CORPORATION
rajendradatacenter.us
Drawing RIC-B165-LJ150-1
Scale 1:1.5 on Letter
Units: inches (mm)
Date 2026-11-22
Quote: rajendradatacenter.us/rfq/
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