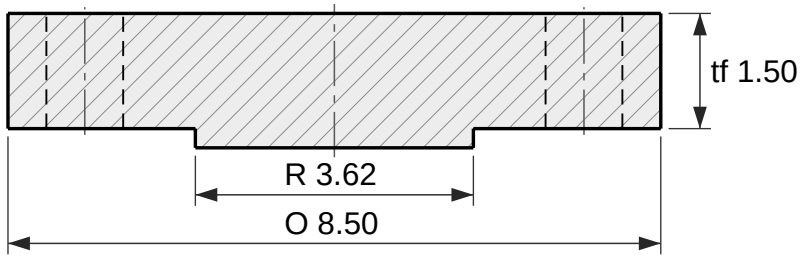
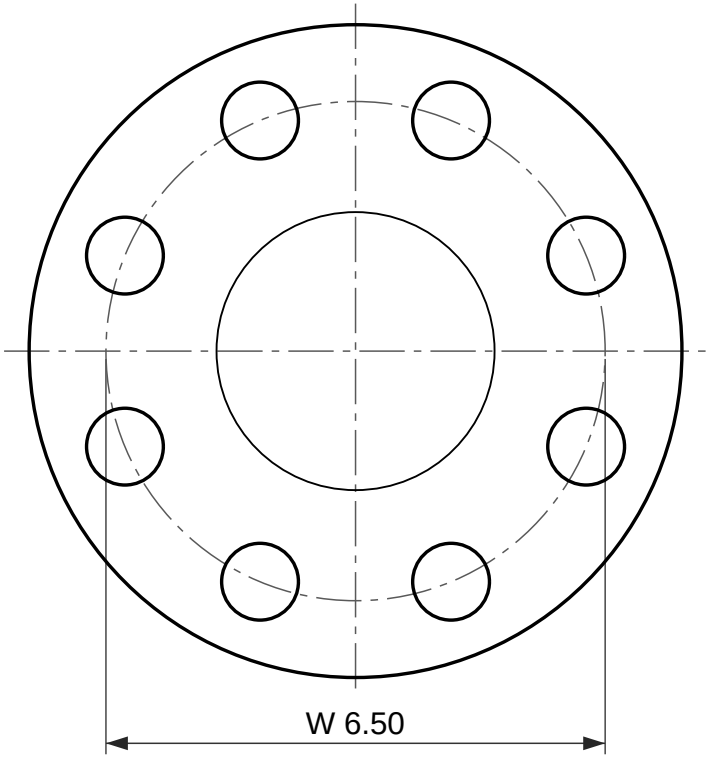
**Approx. weight**

| Material | lb | kg |
|---|---|---|
| Carbon steel | 22.2 | 10.1 |
| Stainless steel 304 and 304L | 22.3 | 10.1 |
| Stainless steel 316 and 316L | 22.6 | 10.3 |

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




8 holes Ø1.00

Face view

# Blind flange, ASME B16.5 Class 1500 RF

NPS 2 (DN 50)

Dimensions per ASME B16.5-2025, inches and millimetres as the standard's own tables give them.
tf is the ASME B16.5 dimension, measured without the 0.25 in (6.4 mm) raised face; the tf + f row is the same flange measured over the face, which is what most catalogs print.
ASME B16.5 gives Class 1500 the same dimensions as Class 900 in NPS 2; only the marking differs.
Reference drawing. The purchase order and ASME B16.5 govern. Check the latest edition.
Generated at rajendradatacenter.us/flanges/high-pressure/

| Dimension | in | mm |
|---|---|---|
| O Outside diameter | 8.50 | 216 |
| R Raised face diameter | 3.62 | 91.9 |
| f Raised face height | 0.25 | 6.4 |
| tf Thickness (min), without raised face | 1.50 | 38.1 |
| tf + f Thickness over the raised face | 1.75 | 44.5 |
| W Bolt circle diameter | 6.50 | 165.1 |
| h Bolt holes, 8 off | 1.00 | 25.4 |

8 stud bolts of 7/8 in; holes 1.00 in (25.4 mm)

RAJENDRA INDUSTRIAL CORPORATION

rajendradatacenter.us
Drawing RIC-B165-BL1500-2
Scale 1:2.5 on Letter
Units: inches (mm)
Date 2026-11-22
Quote: rajendradatacenter.us/rfq/
sales@rajendradatacenter.com
+91 74338 71355