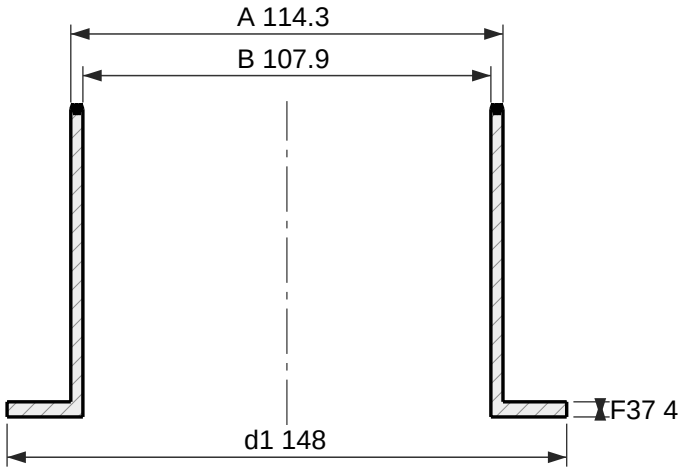
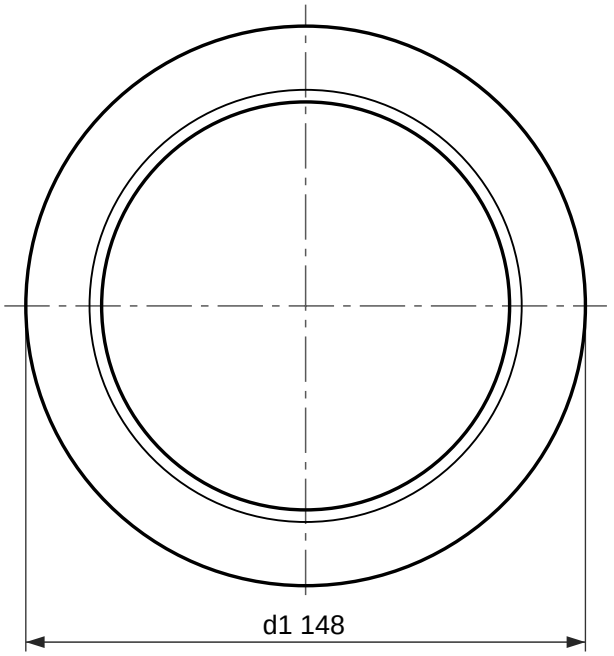
**Approx. weight**

| Material | kg | lb |
|---|---|---|
| Carbon steel | 0.9 | 2.1 |
| Stainless steel 304 and 304L | 0.9 | 2.1 |
| Stainless steel 316 and 316L | 0.9 | 2.1 |

Densities 7.85, 7.9 and 8.0 g/cm3.
Calculated from the nominal dimensions, to the break shown: EN 1092-1 gives this type no length of its own.




Section




Face view

# Lapped pipe end, EN 1092-1 type 33, PN 6

DN 100, neck 114.3 × 3.2

Designation: Collar EN 1092-1/33/DN 100/PN 6
Dimensions per EN 1092-1:2018, Table 11 (PN 6) and Table 8 (facing) and Annex A (wall thickness); tolerances per EN 1092-1.
Collar for a type 02 loose plate flange, which bolts over it. d1 is the lap diameter and the joint face.
5.7.2.1 does not ask for a machined jointing face on this type.
A lapped pipe end is formed from the pipe itself, so the standard gives it no length and no thickness of its own beyond d1 and a thickness at least that of a type 37 collar. Drawn to a break.
Reference drawing. The purchase order and EN 1092-1 govern.
Generated at rajendradatacenter.com/flanges/en-1092-1/

| Dimension | mm | in |
|---|---|---|
| d1 Collar outside diameter | 148 | 5.83 |
| F37 Collar thickness | 4 | 0.16 |
| A Neck outside diameter (pipe OD) | 114.3 | 4.50 |
| S Neck wall thickness (min) | 3.2 | 0.13 |
| B Bore, A - 2S | 107.9 | 4.25 |

RAJENDRA INDUSTRIAL CORPORATION
rajendradatacenter.com
Drawing RIC-EN1092-33-PN6-DN100
Scale 1:2 on A4
Units: mm (inches)
Date 2026-11-22
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