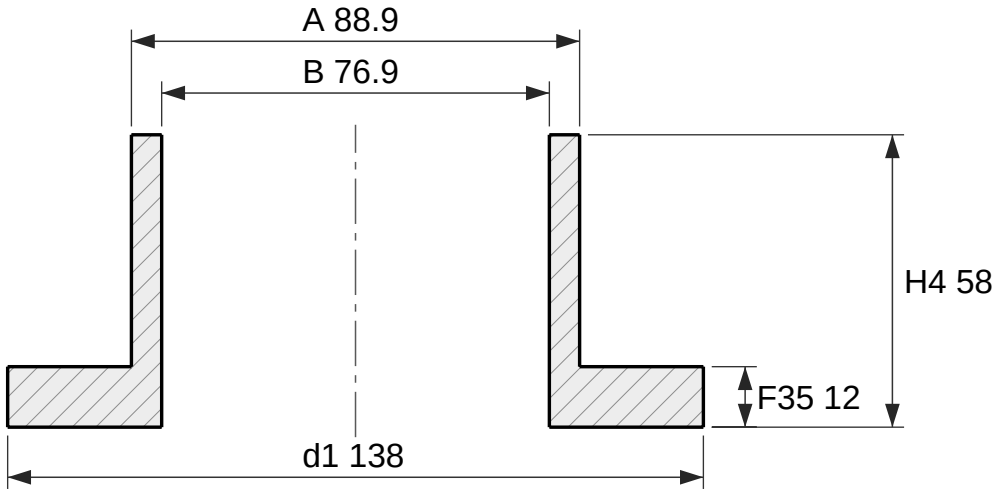
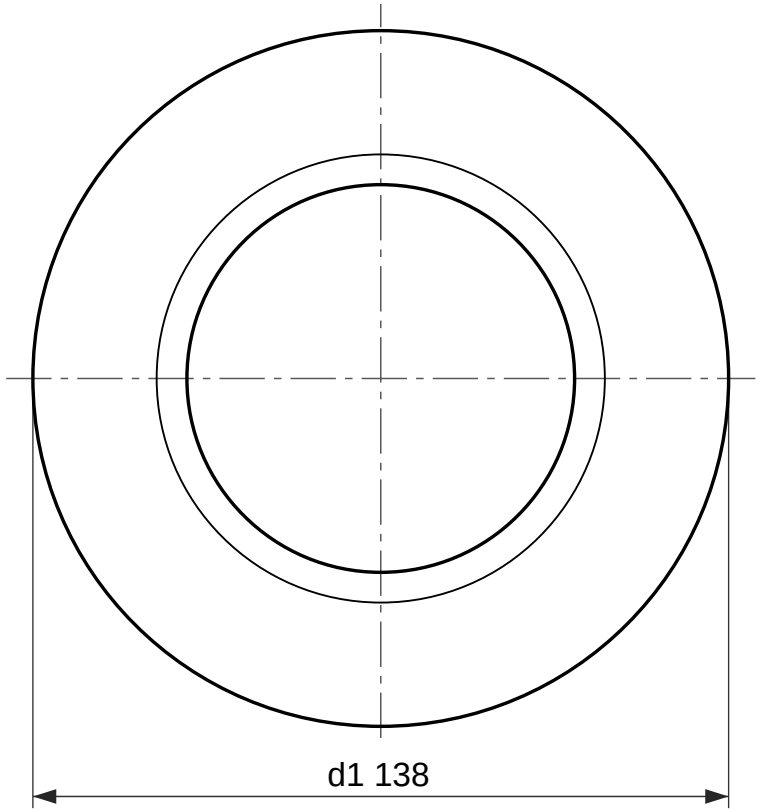
Approx. weight

Material	kg	lb
Carbon steel	1.5	3.4
Stainless steel 304 and 304L	1.5	3.4
Stainless steel 316 and 316L	1.6	3.5

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



Face view

Weldring neck, EN 1092-1 type 35, PN 40

DN 80, facing type A (flat face), neck 88.9 × 6

Designation: Collar EN 1092-1/35/A/DN 80/PN 40
Dimensions per EN 1092-1:2018, Table 15 (PN 40) and Table 8 (facing) and Annex A (wall thickness); tolerances per EN 1092-1.
Facing type A (flat face), as 5.7.2.3 gives this type unless the order says otherwise.
Collar for a type 02 loose plate flange, which bolts over it. d1 is the lap diameter and the joint face.
EN 1092-1 gives PN 40 the same dimensions as PN 25 in DN 80; only the marking differs.
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	138	5.43
F35 Collar thickness	12	0.47
H4 Overall length	58	2.28
A Neck outside diameter (pipe OD)	88.9	3.50
S Neck wall thickness (min)	6	0.24
B Bore, A - 2S	76.9	3.03

RAJENDRA INDUSTRIAL CORPORATION
rajendradatacenter.com
Drawing RIC-EN1092-35-PN40-DN80-A
Scale 1:1.5 on A4
Units: mm (inches)
Date 2026-11-22
Quote: rajendradatacenter.com/rfq/
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