Spool bore fit sheet

Bodhin Studio · ring coupon for an empty spool

Selected dimensions

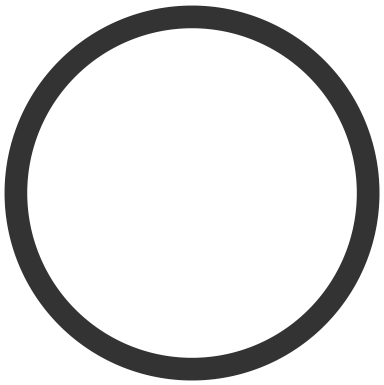
Bore Ø 50.00 mm minus 0.40 mm diametral clearance gives a ring Ø 49.60 mm (0.2 mm gap per side).

4.00 mm high · 3.00 mm radial wall · 0.40 mm outer lead-in at each end

Actual-size check

Print at Actual size / 100%. Disable fit-to-page. Measure the outer ends of this bar with a ruler before using the outline.

50.00 mm reference



Plan view at 1:1 · maximum outside Ø 49.60 mm · inside Ø 43.60 mm

Print and try

Import the STL in mm at 100%, print it flat, then measure its straight middle band. Gently try both bore openings with the opposite side accessible for removal.

Pass: This ring enters and comes out by hand at the tested positions. Record any tight spots. Longer-part fit, spool rotation and feeder clearance require separate checks.

Printer / material _____ Measured ring Ø _____ mm

Spool / position _____ Result _____

Nominal CAD geometry. Physical fit untested.