

Custom Forged Rings RFQ Support

BLD Forge Direct - Product RFQ Datasheet

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Canonical page: <https://www.bldforgedirect.com/products/custom-forged-rings/>

Custom forged ring RFQs are reviewed by drawing, OD, ID, height, material, machining allowance, tolerance and inspection process.

Scope note: This PDF is generated from the visible product page technical table. It is an RFQ preparation sheet, not a substitute for the buyer's current standard, drawing revision, tolerance note or project specification. Standard dimensions are not invented here.

Engineering Snapshot

Product family

Custom Forged Components

Typical scope

Rolled ring and open-die ring review; Machined ring and forged blank quotation support; Material, heat treatment and NDT requirements checked before quote

Standards / drawings

Project drawing or purchase specification; ASME B16.5 where flange dimensions follow ASME classes; EN 1092-1 / DIN where PN and DN requirements are specified; GOST 33259, 12820 or 12821 where CIS project requirements apply; ASTM, EN or project material standards as listed in the RFQ

Material review

ASTM A105 carbon steel; ASTM A350 LF2 low-temperature carbon steel; Stainless steel grades such as 304, 316, 321 or 347; Duplex and super duplex grades when specified by the project; Alloy steel or drawing-specified grades subject to feasibility review

Critical RFQ variables

OD, ID, height and wall thickness; Material grade, heat treatment and ring-rolling allowance; Ovality, end-face parallelism and final machining tolerance; NDT, dimensional report and MTC requirements; Quantity, destination country and packing requirement

Inspection documents

MTC EN 10204 3.1; Heat treatment record; Dimensional report; PMI when alloy verification is required; UT, MT or PT when specified; Tensile, impact or hardness test records when required

Custom Forged Rings Technical Data That Changes the RFQ

Ring size review

OD, ID, wall thickness and height define feasibility; forged ring OD up to 2,500 mm by capability reference.

Shape scope

Rolled rings, open-die rings, rough-machined rings and drawing-based ring blanks.

Standard references

Buyer drawing, machining allowance, ASTM/EN material standard, heat-treatment requirement and NDT note.

Critical dimensions

OD, ID, height, wall thickness, ovality, flatness, machining allowance and tolerance.

Inspection depth

UT, hardness, dimensional report, heat-treatment record, MTC 3.1 and traceability.

RFQ reminder

Send the standard or drawing, material grade, quantity, inspection requirement, document list and destination country to quote@bldforgedirect.com.