

Non-Standard Forgings and Custom Forged Parts

BLD Forge Direct - Product RFQ Datasheet

Generated: 2026-07-08

Canonical page: <https://www.bldforgedirect.com/products/non-standard-forgings/>

Non-standard forging RFQs are reviewed from drawing, service application, material grade, dimensions, machining allowance, heat treatment, inspection requirements and destination.

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

Drawing-based forged parts; Custom steel forgings; Special pressure components; Machined forged blanks; Large custom forgings

Standards / drawings

Project drawing and purchase specification; ASTM, EN, DIN, GOST or project material standards; Heat treatment and NDT requirements by application; Dimensional and third-party inspection requirements

Material review

Carbon steel custom forgings; Low-temperature steel custom forgings; Stainless steel custom forgings; Duplex and super duplex custom forgings; Alloy and nickel alloy custom forgings by feasibility

Critical RFQ variables

Drawing revision and application; Critical dimensions and tolerances; Material grade and heat treatment; Forging process and machining allowance; Inspection scope and document package; Quantity, packing and destination

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

Non-Standard Forgings Technical Data That Changes the RFQ

Drawing-first scope

Non-standard forged parts require the latest 2D/3D drawing before feasibility, price and lead time can be confirmed.

Capability boundary

Reviewed against forging equipment, heat-treatment route, machining envelope, OD up to 2,500 mm and up to 5,000 kg single-piece reference.

Standard references

Buyer drawing, ASTM/EN/GOST material standard, tolerance note, heat treatment and NDT specification.

Critical dimensions

Critical dimensions, allowance, tolerance, surface finish, rough or finished weight and machining stage.

Inspection depth

Feasibility review, UT/MT/PT, dimensional report, heat-treatment record, MTC 3.1 and third-party inspection support.

RFQ reminder

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