

# Forged Wheels and Wheel Blanks

BLD Forge Direct - Product RFQ Datasheet

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

Forged wheel RFQs are reviewed from drawing, diameter, hub and rim profile, material grade, machining allowance, heat treatment, inspection and quantity.

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

Forged wheel blanks and machined forged wheels by drawing; Diameter, hub, rim profile, bore and tolerance review; Heat treatment, hardness, NDT and dimensional report support

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

Drawing revision and controlled dimensions; Shape profile, datum scheme and machining allowance; Material grade, heat treatment and hardness or mechanical tests; 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

## Forged Wheels Technical Data That Changes the RFQ

Wheel geometry

Diameter, hub profile, rim profile, bore, web thickness and machining allowance define the RFQ.

Typical review basis

Drawing-controlled industrial wheel blanks, machined wheels, drive wheels and heavy round components.

Standard references

Buyer drawing, material specification, hardness range, heat-treatment note and machining drawing.

Critical dimensions

OD, bore, hub height, rim width, concentricity, hardness and finished-machining allowance.

Inspection depth

Hardness, dimensional report, UT/MT when specified, heat-treatment record and material traceability.

## RFQ reminder

Send the standard or drawing, material grade, quantity, inspection requirement, document list and destination country to [quote@bldforgedirect.com](mailto:quote@bldforgedirect.com).