

Bowl Forgings and Shaped Forged Blanks

BLD Forge Direct - Product RFQ Datasheet

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

Bowl forging RFQs are reviewed by drawing revision, dimensions, material, machining allowance, heat treatment, NDT, quantity and final application.

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

Bowl-shaped forgings and custom shaped forged blanks; Drawing, dimensions, wall profile and machining allowance review; Material, heat treatment, UT and dimensional document 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

Bowl Forgings Technical Data That Changes the RFQ

Shape scope

Bowl forgings are reviewed by OD, depth, wall profile, bottom radius and machining allowance rather than flange tables.

Size and weight review

Drawing feasibility is checked against forging route, heat treatment, machining envelope and up to 5,000 kg single-piece capability reference.

Standard references

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

Critical dimensions

OD, ID or cavity, depth, wall thickness, bottom radius, allowance, tolerance and surface condition.

Inspection depth

UT, dimensional report, hardness, heat-treatment record and surface inspection.

RFQ reminder

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