

Forged Weld Neck Flanges RFQ Support

BLD Forge Direct - Product RFQ Datasheet

Generated: 2026-06-14

Canonical page: <https://www.bldforgedirect.com/products/weld-neck-flanges/>

Weld neck flange RFQs are reviewed for hub transition, bore, facing, standard, pressure rating, material grade, inspection and documentation needs.

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

Flanges

Typical scope

Standard weld neck and high neck forged flange quotation review; ASME B16.5, EN / DIN, GOST and drawing-based dimensions; Hub, bore, facing, heat treatment and NDT 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

Size, DN or NPS; Pressure class or PN rating; Drawing revision and critical dimensions; Facing, bore, bolt pattern and machining tolerance; 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

Weld Neck Flanges Technical Data That Changes the RFQ

Size and rating review

ASME B16.5 NPS 1/2 to 24, larger drawing-based items by review, Class 150 to 2500, RF or RTJ.

Standard references

ASME B16.5, ASME B16.47, EN 1092-1 Type 11, GOST weld-neck equivalents and project drawings.

Critical dimensions

Bore or schedule, hub OD, hub length, weld bevel, facing, bolt pattern and neck transition.

Material families

A105/A105N, LF2 for low-temperature service, F304/F316 stainless and duplex grades by project.

Inspection depth

Bore check, face finish, hub profile, MTC 3.1, PMI, UT/MT/PT and third-party inspection when specified.

RFQ reminder

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