

High Pressure Flanges RFQ Support

BLD Forge Direct - Product RFQ Datasheet

Generated: 2026-06-14

Canonical page: <https://www.bldforgedirect.com/products/high-pressure-flanges/>

High-pressure flange RFQs are checked for pressure class, material grade, wall thickness, facing, NDT, heat treatment and packing 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

ASME Class 600, 900, 1500 and 2500 review; Critical dimension, NDT and heat treatment support; Suitable for oil, gas, petrochemical and pressure pipeline RFQs

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

High Pressure Flanges Technical Data That Changes the RFQ

Pressure class focus

Class 600, 900, 1500 and 2500 RFQs need exact face, bore, material and NDT scope before price comparison.

Standard references

ASME B16.5/B16.47, API or project high-pressure flange drawings and RTJ groove specifications.

Critical dimensions

RTJ groove, raised-face finish, bore, wall schedule, hub dimensions, bolt-hole pattern and hardness limits.

Material families

A105N, LF2, F304/F316, duplex grades and project alloy materials with PMI or impact requirements.

Inspection depth

UT, MT/PT, PMI, hardness, dimensional report, MTC 3.1 and third-party witness inspection when specified.

RFQ reminder

Send the standard or drawing, material grade, quantity, inspection requirement, document

list and destination country to quote@bldforgedirect.com.