

Forged Square Flanges RFQ Support

BLD Forge Direct - Product RFQ Datasheet

Generated: 2026-07-08

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

Square flange quotation requests are reviewed by drawing, connection pattern, port or bore size, pressure requirement, material, quantity and inspection documents.

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

Square flange forgings and machined square flange components; Drawing, bolt pattern, bore, sealing face and pressure requirement review; Carbon steel, stainless steel and drawing-specified grades

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

Square Flanges Technical Data That Changes the RFQ

Drawing-controlled geometry

Overall length, width, thickness, bore or port profile, bolt-hole coordinates and flatness are taken from the drawing.

Typical size review

Small machinery plates through heavy custom plates; single-piece feasibility reviewed up to the 5,000 kg factory capability boundary.

Standard references

Buyer drawing, equipment specification, ASTM/EN material standard and machining tolerance notes.

Critical dimensions

Hole pitch, center distance, edge distance, port size, counterbore, surface finish and flatness.

Inspection depth

Dimensional report, hole-position check, material traceability, flatness and MT/PT if surface integrity is specified.

RFQ reminder

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