

# Stainless Steel and Duplex Forged Flanges

BLD Forge Direct - Product RFQ Datasheet

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Canonical page: <https://www.bldforgedirect.com/products/stainless-steel-forged-flanges/>

Stainless and duplex flange RFQs are reviewed by material grade, corrosion service, standard, pressure rating, heat treatment, PMI, inspection and document 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

ASTM A182 F304 / F304L, F316 / F316L and project-specified stainless grades; Duplex and super duplex forged flange requirements by project; PMI, MTC 3.1, dimensional and NDT requirements checked before quotation

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

## Stainless Steel Forged Flanges Technical Data That Changes the RFQ

Grade scope

ASTM A182 F304/F304L, F316/F316L, F321, F347, duplex F51 and super duplex grades by project review.

Shape scope

ASME/EN/DIN/GOST or drawing controls the flange type; stainless/duplex controls PMI, corrosion-service notes and certificate route.

Critical dimensions

Facing, bore, bolt pattern, wall schedule, surface condition and passivation or special finish when specified.

Document focus

MTC 3.1, PMI, heat number traceability, ferrite or NACE notes when specified, and dimensional report.

Inspection depth

PMI is normally central; UT/MT/PT, surface condition and third-party inspection are added by project requirement.

## 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).