

# Slip-On and Lap Joint Flanges

BLD Forge Direct - Product RFQ Datasheet

Generated: 2026-06-14

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

Slip-on and loose flange RFQs are checked by type, standard, bore, facing, pressure rating, material grade, quantity and inspection requirement.

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

Slip-on flanges and loose / lap joint flange requirements; ASME, EN, DIN, GOST or customer drawing review; Material, bore, facing and document requirements confirmed early

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

## Slip-On Flanges Technical Data That Changes the RFQ

Size and rating review

Common RFQ range NPS 1/2 to 24 under ASME B16.5, with PN/DN equivalents by EN, DIN or GOST project basis.

Standard references

ASME B16.5 SO, EN 1092-1 Type 01, DIN and GOST flat welding flange references.

Critical dimensions

Bore, flange thickness, face type, bolt circle, fillet-weld installation allowance and pipe fit-up.

Best-fit pressure scope

Utility and low-to-medium pressure services where the project permits slip-on welding rather than weld-neck design.

Inspection depth

Bore gauge, drilling, face finish, MTC 3.1, marking and packing checks.

## 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).