

Nipoflanges and Flanged Branch Outlets

BLD Forge Direct - Product RFQ Datasheet

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Canonical page: <https://www.bldforgedirect.com/products/nipoflanges/>

Nipoflange requests are reviewed using branch and header size, outlet geometry, standard or drawing, material, pressure rating, machining and inspection requirements.

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

Custom Forged Components

Typical scope

Nipoflanges and flanged branch outlet forgings by drawing; Branch size, run size, neck, bore and facing detail review; Material, heat treatment, NDT and MTC requirements checked 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

Drawing revision and controlled dimensions; Shape profile, datum scheme and machining allowance; Material grade, heat treatment and hardness or mechanical tests; NDT, dimensional report and MTC requirements; 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

Nipoflanges Technical Data That Changes the RFQ

Branch connection scope

Nipoflange RFQs combine branch outlet geometry with a flanged connection; header and branch sizes must both be clear.

Size and rating review

Header size, branch size, Class rating, facing and bore are checked against drawing or project branch standard.

Standard references

Buyer drawing, ASME flange face requirements, branch connection specification and material standard.

Critical dimensions

Neck height, branch bore, header fit-up, reinforcement profile, flange face, bolt pattern and machining allowance.

Inspection depth

Bore alignment, dimensional report, MTC 3.1, UT/MT/PT and PMI when alloy grade is specified.

RFQ reminder

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