Long Weld Neck Flange RFQ Support from China

BLD Forge Direct - Product RFQ Datasheet
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BLD Forge Direct reviews long weld neck flange RFQs based on standard, drawing, pressure class, material grade, overall length, neck OD, bore, facing, inspection requirements and destination country before quotation.

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
Long weld neck flanges; High hub flange designs; ASME LWN flanges by drawing; Class 150 to 2500 pressure projects; Custom overall length, neck OD and bore review

Standards / drawings
ASME B16.5; Project drawings for custom long weld neck or high hub flanges; ASME B16.47 where larger diameter project drawings require review; EN / DIN or GOST references when the project drawing uses those systems; ASTM material standards for carbon, low-temperature, stainless and duplex grades

Material review
ASTM A105; ASTM A350 LF2; Stainless steel grades such as 304, 316, 321 or 347; Duplex and super duplex grades when specified; Project-specified alloy grades subject to drawing review

Critical RFQ variables
Overall length; Neck outside diameter; Bore and transition details; NPS / DN and pressure class / PN; Facing and bolt pattern; Material grade and heat treatment

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

Long Weld Neck Flanges Technical Data That Changes the RFQ

High-hub geometry
Overall length, neck OD, bore transition and weld-end geometry are the first quotation checks, not only NPS and Class.

Size and rating review
Commonly ASME B16.5 Class 150 to 2500 by drawing; custom high-hub and vessel-nozzle lengths are reviewed case by case.

Standard references
ASME B16.5 LWN, vessel nozzle drawings, pressure vessel specification, ASME B16.47 for large custom drawings by review.

Critical dimensions
Overall length, hub/neck OD, bore, wall transition, facing, bolt pattern, weld bevel and machining allowance.

Inspection depth
Dimensional report, UT/MT, MTC 3.1, heat-treatment record and third-party inspection for high-pressure projects.

RFQ reminder

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