

Marine and Shipbuilding Flanges and Forgings - ABS, BV, DNV,

LR, KR and ClassNK Approvals

BLD Forge Direct - Product RFQ Datasheet

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

Six classification societies have approved or recognised our steel-forging manufacture: ABS, Bureau Veritas, DNV, Lloyd's Register, Korean Register and ClassNK. Each document covers our process for the material families and limits printed on it; the flanges for a classed ship are still certified order by order, under that society's rules.

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.

Marine and Shipbuilding Flanges Technical Specification

Approvals on file

ABS FOR-0055952, Bureau Veritas SMS.W.II./152398/A.0, DNV AMMM0000388, Lloyd's Register LR25409452WA, Korean Register DLN51990-SF001 and ClassNK ST628CF - each with the scope and limits printed on it.

Standards / drawings

ASME B16.5 and B16.47 by class EN 1092-1 by PN JIS B 2220 and KS B 1503 by K rating Yard or machinery drawings The classification society's rules for materials

Material grades

Carbon and C-Mn steel forgings, e.g. DNV NV F490H or ASTM A105 Alloy steel forgings within each society's printed list Austenitic stainless forgings, e.g. ASTM A182 F316L Duplex stainless forgings, e.g. ASTM A182 F51 / F60

Product certification

Flanges for a classed ship are certified per order or batch by the society's surveyor where its rules require it; an approval is not a product certificate.

Critical dimensions

Flange standard and rating (ASME, EN, JIS B 2220, KS B 1503 or drawing), size, facing, bore and the weight of each forging.

Inspection depth

The society's witnessed tests and hold points, EN 10204 3.1 or 3.2 as ordered, dimensional report, UT/MT/PT and PMI as named.

Reviewed before quotation

Society, rule edition and the approval that covers the material Weight and section of each forging against that approval's limits Survey hold points and witnessed tests Certificate type: society product certificate, EN 10204 3.2 or both Raw-material source condition set by the society

Best-fit RFQ

Best for flanges and forgings for classed ships, offshore units and marine machinery where a classification society's rules and surveyor apply.

Buyer application

Shipyards, marine engine and machinery builders, offshore topsides and ship repair buying to ABS, BV, DNV, LR, KR or ClassNK rules.

RFQ reminder

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