

ASTM A105 Flanges RFQ Support

BLD Forge Direct - Product RFQ Datasheet

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Canonical page: <https://www.bldforgedirect.com/products/astm-a105-flanges/>

ASTM A105 flange RFQs are reviewed for standard, class, size, heat treatment, MTC, marking 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

Flanges

Typical scope

Carbon steel forged flange quotation support; ASME B16.5, EN, DIN and project drawing requirements; MTC 3.1, marking and dimensional report review

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

ASTM A105 Flanges Technical Data That Changes the RFQ

Material focus

ASTM A105/A105N carbon steel forgings for ambient and elevated-temperature pressure service flange RFQs.

Shape scope

The flange shape still follows ASME, EN, DIN, GOST or drawing; A105 controls material certificate and heat treatment.

Typical ratings

Common ASME Class 150 to 2500 line items, with PN/DN projects reviewed by drawing and material note.

Critical documents

MTC 3.1, heat number traceability, normalizing note when required, hardness and dimensional report.

Inspection depth

Chemical/mechanical certificate check, dimensional table check, marking and third-party inspection by project request.

RFQ reminder

Send the standard or drawing, material grade, quantity, inspection requirement, document

list and destination country to quote@bldforgedirect.com.