

ASME B16.5 Flanges RFQ Support

BLD Forge Direct - Product RFQ Datasheet

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Canonical page: <https://www.bldforgedirect.com/products/asme-b16-5-flanges/>

ASME B16.5 flange requests are reviewed by NPS, class, facing, material, bore, quantity, inspection and documentation 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

Class 150 to 2500 quotation review; RF, FF, RTJ and project facing requirements; ASTM A105, A350 LF2 and stainless or alloy material grades

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

ASME B16.5 Flanges Technical Data That Changes the RFQ

ASME scope

ASME B16.5 covers NPS 1/2 to 24 and Class 150, 300, 400, 600, 900, 1500 and 2500.

Product types

Weld neck, slip-on, blind, socket weld, threaded, lap joint and special drawing-based ASME line items.

Critical dimensions

NPS, Class, flange type, RF/RTJ/FF facing, bore or schedule, drilling and standard edition.

Material families

ASTM A105/A105N, A350 LF2, A182 F304/F316/F321/F347, duplex and project alloys.

Inspection depth

ASME dimension check, marking, MTC 3.1, PMI for alloy grades, NDT when project specification requires it.

RFQ reminder

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