

Tube Sheet Forgings RFQ Support

BLD Forge Direct - Product RFQ Datasheet

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Canonical page: <https://www.bldforgedirect.com/products/tube-sheet-forgings/>

Tube sheet forging RFQs are checked by drawing, diameter, thickness, material, hole pattern, machining process and inspection documents.

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

Tube sheet blank and machined tube sheet review; Drawing, drilling and tolerance requirements checked early; MTC, UT and dimensional reporting supported per project

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

Diameter or profile, thickness and flatness requirement; Tube-hole, pipe-hole or drilling layout where applicable; Material grade, heat treatment and machining allowance; UT, PMI, 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

Tube Sheet Forgings Technical Data That Changes the RFQ

Tube sheet scope

Diameter, thickness, hole count, tube-hole pattern and drilling tolerance define the RFQ more than a product name.

Size and weight review

Large tube sheets are reviewed against OD up to 2,500 mm capability reference, thickness, material and machining envelope.

Standard references

Heat exchanger drawing, TEMA/project notes, ASTM/EN material standard, cladding or overlay notes when specified.

Critical dimensions

OD, thickness, hole pitch, hole diameter, ligament, flatness, drilling tolerance and gasket surface.

Inspection depth

UT, drilling inspection, dimensional report, PMI, MTC 3.1 and third-party inspection if required.

RFQ reminder

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