

Lap Joint and Loose Flanges

BLD Forge Direct - Product RFQ Datasheet

Generated: 2026-07-23

Canonical page: <https://www.bldforgedirect.com/products/lap-joint-flanges/>

Lap joint and loose flanges rotate freely over a stub end or welded collar, which makes bolt-hole alignment easy and suits frequently dismantled or lined piping. We forge them to ASME B16.5 lap joint and EN 1092-1 type 02/04 loose-plate practice, or to drawing.

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

ASME B16.5 lap joint and EN 1092-1 type 02 / 04 loose flange review; Rotating loose flange over stub end or flat welded collar; Carbon, low-temperature, stainless and duplex steel grades; MTC 3.1, dimensional report and NDT stated before quotation

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

Lap Joint Flanges Technical Data That Changes the RFQ

Technical basis

This product is reviewed against its drawing, standard, material grade, quantity, inspection requirement and destination country.

Product-specific difference

The RFQ must define the dimensions and tolerances unique to Lap Joint Flanges rather than relying on a generic forged flange description.

Inspection depth

MTC 3.1, dimensional report, heat-treatment record, PMI and NDT are confirmed according to project requirement.

RFQ reminder

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