

Large Diameter Flange - Data Sheet

Mejor Steel, export sourcing for steel pipe and OCTG | Request a quotation: <https://mejorsteel.com/get-a-quote/>

Specifications

Outer diameter	26" - 60" to ASME B16.47
Schedule	Bore machined to match the pipe schedule for weld neck; blind has no bore
Length	Flange thickness and hub per ASME B16.47, Series A or Series B as ordered
Ends	Raised face (RF) or ring joint (RTJ)
Surface treatment	Black oxide, anti-rust oil, or machined finish
Manufacturing process	Forged and machined, or cut from plate and machined
Pressure rating	Class 75, 150, 300, 400, 600, 900
Connection type	Butt weld to pipe (weld neck) or bolted closure (blind)

Grades supplied and minimum properties

Grade	Yield strength	Tensile strength
A105 (forged carbon steel)	250 MPa (36,000 psi)	485 MPa (70,000 psi)
F316 (forged stainless steel)	205 MPa min (30,000 psi)	515 MPa min (75,000 psi)

- A105
- A350 LF2
- A694 F52
- A694 F60
- A694 F70

Inspection & testing

Packaging	Sea-worthy export packing: wooden cases or pallets, tagged with size, grade and heat number; corrosion protection on request.
MOQ	By piece - mixed sizes accepted; no minimum on standard items.
Lead time	Stock items: 5-10 days. Made to order: 3-5 weeks after order confirmation.

- Dimensional inspection per ASME B16.47
- Chemical and mechanical testing per ASTM
- PMI on alloy and stainless steel
- Hardness testing
- Ultrasonic examination of plate material

Page: <https://mejorsteel.com/flanges/large-diameter-flange/> | Everything in this data sheet is taken from the published page. The governing standard, MOQ, lead time and price are confirmed on request.