

# Pipe Flange Supplier - ASME B16.5 & B16.47 - Data Sheet

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

## Specifications

| Outer diameter        | 1/2" - 60" (DN15 - DN1500)                                  |
|-----------------------|-------------------------------------------------------------|
| Schedule              | Per ASME B16.5 bore and schedule                            |
| Length                | Flange thickness and hub per ASME B16.5 / B16.47            |
| Ends                  | Raised face, flat face, ring joint, or tongue and groove    |
| Surface treatment     | Black, galvanized, or machined                              |
| Manufacturing process | Forged and machined                                         |
| Pressure rating       | Class 150, 300, 400, 600, 900, 1500, 2500                   |
| Connection type       | Weld neck, slip on, socket weld, threaded, lap joint, 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
- F304
- F304L

## 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 B16.5 / B16.47
- Chemical and mechanical testing per ASTM
- PMI on alloy and stainless steel
- Hardness testing
- Radiographic or ultrasonic examination on request

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