

Butt Weld Elbow - 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" - 48" (DN15 - DN1200)
Wall thickness	SCH 10 - SCH XXS, or matching pipe wall thickness
Schedule	SCH 10, 20, 40, 80, 160, XXS, STD, XS
Length	Center to end per ASME B16.9, e.g. LR 90 deg 1.5 x NPS
Ends	Bevelled to ASME B16.25, 37.5 deg +/- 2.5 deg
Surface treatment	Black, varnish, galvanized, sand blasted, or epoxy coated
Manufacturing process	Seamless or welded, hot formed or cold formed
Pressure rating	Per ASME B16.9 wall thickness and ASME B31.3 design

Grades supplied and minimum properties

Grade	Yield strength	Tensile strength
WPB (carbon steel)	240 MPa (35,000 psi)	415 - 585 MPa (60,000 - 85,000 psi)
WPC (carbon steel)	275 MPa (40,000 psi)	485 - 655 MPa (70,000 - 95,000 psi)
WP304 (stainless)	205 MPa min (30,000 psi)	515 MPa min (75,000 psi)
WP316 (stainless)	205 MPa min (30,000 psi)	515 MPa min (75,000 psi)

- WPB
- WPC
- WP1
- WP5
- WP9

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 B16.9
- Radiographic or ultrasonic weld examination
- PMI on alloy and stainless steel
- Hardness testing
- Hydrostatic test on request

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