

Butt Weld Cap - 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 - XXS
Schedule	SCH 10 to XXS, STD, XS
Length	End to end per ASME B16.9
Ends	Bevelled to ASME B16.25
Surface treatment	Black, varnish, galvanized
Manufacturing process	Seamless or welded, formed
Pressure rating	Per ASME B16.9 wall thickness and ASME B31.3

What to state for a cap: permanent closure or test closure

Use	What it fixes in the specification	What to state on the enquiry
Permanent end closure	Cap to ASME B16.9 in the line material and schedule	size, schedule and material
Hydrostatic test closure	The cap has to hold the test pressure and then come off again	the test pressure, and how many times the cap will be used
Closure that must be reopened later	A welded cap has to be cut off, so a blind flange or a flanged closure is usually the better order	whether the line has to be reopened for inspection or pigging
Large diameter closure	Availability falls away at the top of the size range in most markets	size, and whether a fabricated cap is acceptable
Stainless or alloy closure	The material follows the pipe specification, and the inside surface matters where the closure is wetted	matching grade, and the finished surface required

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
- WP5
- WP11
- WP22
- WP91

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 examination
- PMI on alloy and stainless steel
- Hydrostatic test on request
- Third-party inspection (SGS, BV, TUV)

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