

API 5CT Casing Coupling - Data Sheet

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

Specifications

Outer diameter	4-1/2" - 20"
Wall thickness	Per API 5CT coupling OD and length tables
Length	Per API 5CT, typically 200 - 300 mm
Ends	Internally threaded both ends, STC, LTC or BTC
Surface treatment	Phosphate coated threads, zinc plated on request
Manufacturing process	Seamless tube, machined and threaded
Connection type	STC, LTC, BTC

Casing coupling dimensions: what to confirm on the order

Thread	Size range	What dimensions matter
STC	4 1/2 - 20 inch	Coupling OD, length and weight; pipe OD and weight per foot
LTC	4 1/2 - 20 inch	Coupling OD, length and weight; drift and thread gauge
BTC	4 1/2 - 20 inch	Coupling OD, length, weight and connection make-up requirements

Grades supplied and minimum properties

Grade	Yield strength	Tensile strength
J55	379 - 552 MPa (55,000 - 80,000 psi)	517 MPa min (75,000 psi)
K55	379 - 552 MPa (55,000 - 80,000 psi)	655 MPa min (95,000 psi)
N80-1	552 - 758 MPa (80,000 - 110,000 psi)	689 MPa min (100,000 psi)
N80Q	552 - 758 MPa (80,000 - 110,000 psi)	689 MPa min (100,000 psi)
L80 Type 1	552 - 655 MPa (80,000 - 95,000 psi)	655 MPa (95,000 psi)
P110	758 - 965 MPa (110,000 - 140,000 psi)	862 MPa (125,000 psi)
Q125	862 - 1,034 MPa (125,000 - 150,000 psi)	931 MPa min (135,000 psi)

- J55
- K55
- N80
- L80
- P110

Inspection & testing

Packaging	Sea-worthy export packing: bundled by size, plastic caps on both ends, corrosion protection on request, stencilled with size, grade and heat number.
MOQ	One bundle or one truckload; mixed sizes within a bundle accepted.
Lead time	Stock sizes: 7-15 days. Mill run / non-stock: 4-6 weeks after order confirmation.

- Thread gauging with API 5B plug and ring gauges
- Dimensional inspection of OD, length and drift
- Hardness testing
- Tensile testing
- Magnetic particle inspection on request

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