

• PIPE FITTINGS • FLANGES • SEAMLESS PIPE

PRODUCT CATALOGUE

Carbon, low-temperature, stainless, duplex and nickel alloy piping components

BUTT-WELD FITTINGS

STANDARD
ASME B16.9

MATERIALS
Carbon, low-temp, stainless,
duplex, nickel alloy

SIZES & WALL THICKNESS
To ASME B16.9 or customer
specification

ENDS
Bevelled to ASME B16.25



Elbow

90° LR & SR, 45° LR and 180° returns.



Equal & Reducing Tee

Same-size or smaller branch off the run.



Concentric Reducer

In-line transition between two pipe sizes.



Eccentric Reducer

Flat side for level pipe runs and pump
suctions.



Pipe Cap

Butt-weld cap for closing pipe ends.



Stub End

Long pattern to ASME B16.9, short pattern
to MSS SP-43.

FORGED FLANGES

STANDARD

ASME B16.5 · EN 1092-1

MATERIALS

Carbon, low-temp, stainless, duplex, nickel alloy

PRESSURE RATING

ASME classes · EN PN ratings, to standard or customer spec

FACING

RF · FF · RTJ



Weld Neck Flange

Butt-welded hub for high-pressure and cyclic service.



Slip-On Flange

Hubbed (ASME) or plate type (EN); fillet-welded.



Blind Flange

Closes pipe ends and valve or vessel openings.



Lap Joint Flange

Loose backing flange used with a stub end.



Nipoflange

Outlet and flange in one forging, for vents and drains.

ALSO AVAILABLE

Socket weld flanges

Threaded flanges (NPT)

Alloy 625 weld-overlay flanges

SOUR SERVICE & SPECIAL REQUIREMENTS

NACE MR0175 / ISO 15156

- Carbon steel fittings and flanges for sour service
- Hardness controlled and recorded on the MTC

Low-Temperature Service

- ASTM A420 WPL6 / A350 LF2 / A333 Gr.6 for low design temperatures
- Charpy impact tested at low temperature

Special Alloys

- Duplex 2205, super duplex 2507
- Nickel alloys 825 and 625
- Lead time depends on raw material availability

FORGED FITTINGS & BRANCH OUTLETS

STANDARD

ASME B16.11 · MSS SP-97

MATERIALS

Carbon, low-temp, stainless, duplex

PRESSURE CLASS

To ASME B16.11 / MSS SP-97 or customer spec

ENDS

Socket weld · Threaded (NPT) · Butt weld



Socket Weld Elbow

90° and 45° elbows for small-bore lines.



Socket Weld Tee

Equal tees and crosses, socket weld ends.



Threaded Tee

Tees and crosses, female NPT to ASME B1.20.1.



Socket Weld Coupling

Full and half couplings for small-bore pipe.



Butt-Weld Outlet

Weldolet-type branch outlet to MSS SP-97.

ALSO AVAILABLE

Threaded couplings

Caps, plugs and bushings

Socket weld and threaded outlets (sockolet / threadolet type)

INSPECTION & DOCUMENTATION

Certificates

- EN 10204 3.1 MTC with every order
- EN 10204 3.2 with third-party witness
- Traceable to the original heat number
- Partner factory certified to ISO 9001:2015

Testing

- Spectrometer chemical analysis
- Tensile, hardness and Charpy impact
- Dimensional and wall thickness checks

Third-Party Inspection

- SGS, BV, TÜV or buyer's inspector
- Factory visits welcome
- Live video walk-throughs on request

SEAMLESS PIPE

STANDARD

ASME B36.10M · B36.19M

MATERIALS

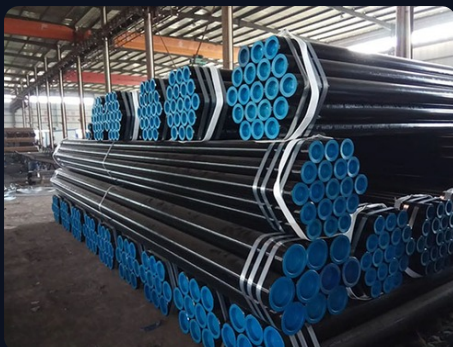
Carbon, low-temp, stainless, duplex, nickel alloy

SIZES & SCHEDULES

To ASME B36.10M / B36.19M or customer spec

ENDS & FINISH

Plain or bevelled · Bare, varnished or coated



Supply

- Single random, double random or fixed lengths
- Bundled and strapped, with plastic end caps
- Mill markings for heat traceability

MATERIALS QUICK REFERENCE

Material Group	Butt-Weld Fittings	Flanges & Forgings	Seamless Pipe
Carbon Steel	ASTM A234 WPB	ASTM A105 / A105N	ASTM A106 Gr.B, A53 Gr.B Type S
Low-Temperature	ASTM A420 WPL6	ASTM A350 LF2	ASTM A333 Gr.6
Stainless Steel	ASTM A403 WP304/304L, WP316/316L	ASTM A182 F304/304L, F316/316L	ASTM A312 TP304/304L, TP316/316L
Duplex 2205*	ASTM A815 WPS31803 / WPS32205	ASTM A182 F51	ASTM A790 S31803 / S32205
Super Duplex 2507*	ASTM A815 WPS32750	ASTM A182 F53	ASTM A790 S32750
Nickel Alloy 825*	ASTM B366 WPNICMC	ASTM B564 N08825	ASTM B423 N08825
Nickel Alloy 625*	ASTM B366 WPNCMC	ASTM B564 N06625	ASTM B444 N06625

* Made to order; lead time depends on raw material availability.

SEND US YOUR BOM OR RFQ

Name **Mason Miao, International Sales**
Email **mason@masonpiping.com**
WhatsApp **+64 27 504 7698**
WeChat **+86 185 1445 8815**
Website **www.masonpiping.com**



SCAN FOR OUR WEBSITE