

CARBON STEEL • WELDED FITTINGS • 13

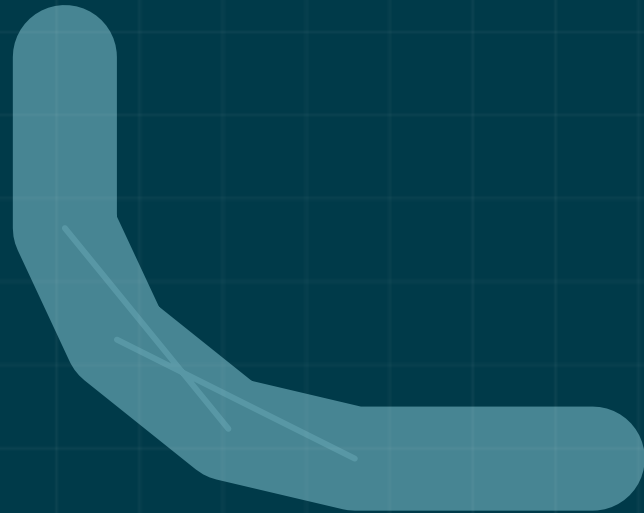
Mitered Elbows

Segmented mitered elbows — welded from pipe sections cut at precise angles — the cost-efficient large-diameter directional change for water, fire-water and industrial lines, to AWWA C208.

MITER

SEGMENTED

1.5D–10D

**12"–100"** large bore

SIZE RANGE

1.5D–10D selectable

BEND RADIUS

Any° made to order

ANGLES

CS / SS material

OPTIONS

Mitered Elbows

- 01 / SPECIFICATION

WELDED (FABRICATED) CONSTRUCTION

Fabricated Range **WELD**

Size range	12"–100" (large diameter)
Bend radius	1.5D • 2D • 3D • 5D • 10D
Angles	Any degree – custom cut
Material	Carbon & stainless steel
Ends	BW • bevel • grooved • flanged • Van Stone

Finish & Standards **INFO**

Surface	Protective oil / galvanized / sandblasted / bare
Coating	Epoxy • FBE on request
Standards	AWWA C208 • ASME B16.9 • ASME B31.3
Also	BS 3799 • ISO 15590-2 • ASTM A403/A774

APPLICATIONS

- ◆ Fire-water & cooling water lines
- ◆ Large-bore water transmission mains
- ◆ Geohazard / seismic-resilient pipelines
- ◆ Sewage, mining & slurry systems
- ◆ Refinery & petrochemical (older plants)

STANDARDS & SURFACE

AWWA C208 ASME B16.9 ASME B31.3 ASTM A403 ASTM A774 BS 3799 ISO 15590-2 EN 10204 3.1 ISO 9001:2015

Surface: oil / galvanized / sandblasted / bare



Mitered Elbows — schematic (not to scale)

MATERIAL GRADES

Standard	Grades
Plate – EN 10025	S235JR • S275 • S355
ASTM A234	WPB (carbon, BW)
ASTM A403	WP304 • WP316 (stainless)
Plate – ASTM	A283 • A516

HOW TO ORDER

1 • Product	Segmented mitered elbow
2 • Size × angle	e.g. 48" • 90°
3 • Bend radius	e.g. 3D
4 • Material	CS or SS
5 • Ends	bevel / flanged
6 • Cert	EN 10204 3.1

MITERED ELBOW • 48" • 90°
3D radius • AWWA C208
Carbon steel • WT per design
Bevelled ends
MTC EN 10204 3.1