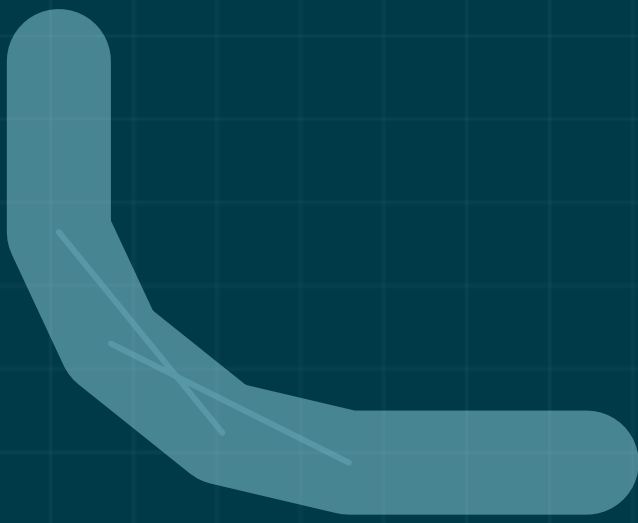
PRODUCT DATA SHEET

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	1.5D–10D selectable	Any° made to order	CS / SS material
SIZE RANGE	BEND RADIUS	ANGLES	OPTIONS

Mitered Elbows

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)



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

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