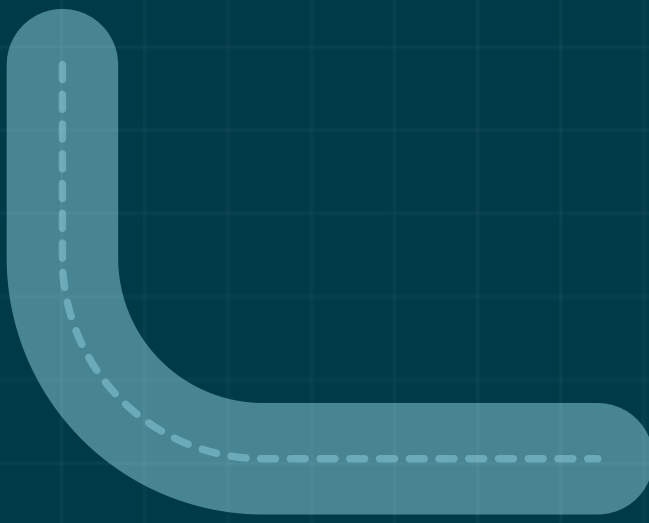
PRODUCT DATA SHEET

CARBON STEEL · SEAMLESS FITTINGS · 06

Pipe Elbows

Seamless butt-weld change-of-direction fittings — long & short radius in 45°, 90° and 180° return — cold-formed / induction-bent to ASME B16.9 & EN 10253-2.

LR | SR | 45° | 90° | 180°



½″–24″ NPS/DN15–600	45/90/180 degrees	1.5D · 1D LR / SR	A234 WPA · WPB
SIZE RANGE	ANGLES	BEND RADIUS	CORE GRADE

Pipe Elbows

— 01 / SPECIFICATION

SEAMLESS CONSTRUCTION

Butt-Weld Range SMLS

Size range	NPS ½"–24" · DN15–600
Angles	45° · 90° · 180° return
Bend radius	LR 1.5D · SR 1.0D · 3D/5D
Schedule	SCH 10 – XXS (match pipe)
Ends	Butt-weld, bevel 30°

Manufacture & Standards INFO

Process	Cold forming · induction bend
Standards	ASME B16.9 · B16.28
European	EN 10253-2 · DIN 2605
Tolerance	ASME B16.9 / EN 10253 table

APPLICATIONS

- Oil, gas & petrochemical process lines
- Steam, boiler & high-temperature lines
- Refineries & nuclear plants
- Water & utility distribution
- General pressure piping (ASME B31.x)



Pipe Elbows — schematic (not to scale)

MATERIAL GRADES

Standard	Grades
ASME B16.9 / A234	WPA · WPB
EN 10253-2	P235 · P265 · S235 · S265
DIN 2605	St35.8 · St37 · St44

HOW TO ORDER

1 · Product	Butt-weld elbow
2 · Size × angle	e.g. 8" · 90° LR
3 · Schedule	e.g. SCH 40
4 · Grade	ASTM A234 WPB
5 · Ends	bevel 30°
6 · Cert	EN 10204 3.1

```
ELBOW · 8" · 90° LR
ASME B16.9 · SCH 40
ASTM A234 WPB
Butt-weld bevel 30°
MTC EN 10204 3.1
```

STANDARDS & SURFACE

ASME B16.9 · ASME B16.28 · EN 10253-2 · ASTM A234 WPA/WPB · DIN 2605 · EN ISO 6761 · EN 10204 3.1 · ISO 9001:2015

Surface: oil / galvanized / sandblasted / bare