

# ASTM A234 Carbon Steel Elbows

These carbon steel elbows adhere to ASTM A234 standards. They are available in 90, 45, and 180-degree angles and sizes ranging from 1/2 to 80 inches for versatile use in piping systems.



## Product Overview

### Industrial Grade Carbon Steel Elbows

These forged straight elbows are engineered for reliable flow direction changes in demanding industrial piping systems. Manufactured to rigorous ASTM A234 and ASME B16.9 standards, they feature a smooth surface finish and consistent wall thickness for optimal performance. Available in a wide range of angles, materials, and schedules, these fittings provide the durability and mechanical integrity required for critical infrastructure applications.

## Technical Standards

### Compliance Standards

ASTM A234, ASME B16.9, GR. WPA, GR. WPB, GR/T13401, GR/T12459, ANSI, JIS, DIN

## Physical Dimensions

### Available Sizes

- 1/2 - 48 inch
- DN15 - DN1200

### Wall Thickness Schedules

SCH10 • SCH20 • SCH30 • SCH40 • STD • SCHXS • SCH80 • SCH120 • SCH160 • SCHXXS

## Material Specifications

### Material Grades

- WPBA234
- A420-WPL6
- A234-WP12
- A234-WP11
- A234-WP5
- A403-WP304
- A403-WP304L
- A403-WP316
- A403-WP316L

## Design Features

### Available Angles

- 90 degree
- 45 degree
- 180 degree

### Connection Types

Welding, Threaded, Socket