

90 Degree Long Radius Socket Weld Elbow, PS370, 3000 LBS

This elbow is made from PS370 material and is designed for socket welding. It is a 90-degree long radius elbow with a pressure rating of 3000 LBS.



Product Overview

High-Pressure Socket Weld Elbow

This 90-degree long radius socket weld elbow is engineered for demanding industrial piping systems requiring high-pressure integrity. Rated for 3000 LBS, it is suitable for critical applications in the petroleum, natural gas, chemical, and power generation industries. The component is designed to ensure precise dimensional accuracy and robust material strength for secure fluid transport.

Technical Specifications

Pressure Rating	3000 LBS
Fitting Type	90 Degree Long Radius Socket Weld Elbow
Available Schedules	sch10, sch20, sch30, std, sch40, sch60, xs, sch80, sch100, sch120, sch140, sch160, xxs, sch5s, sch20s, sch40s, sch80s

Materials

Available Material Grades

- Carbon Steel (ASTM A105, A350 LF2, A694, C22.8, etc.)
- Stainless Steel (ASTM A182 F304/L/H, F321/H, F347/H, F316/L/H)
- Alloy Steel (ASTM A182 F1-F5, F9, F11, F12, F22, F51, 4130, 4140, etc.)
- Duplex Stainless Steel (ASTM A182 F44, F45, F51, F53, F55, F60, F61)
- Nickel Alloy (Nickel 200/201, Monel 400, Inconel 600/601/625, Hastelloy C276)

Compliance & Quality

Certifications & Standards

ISO9001:2008 • SGS • API • ASME • ABS • BV • GL • TUV • CCS • TS

Available Documentation

- Product Certificate
- Chemical Composition Report
- Mechanical Properties Report
- UT Report
- Heat Treatment Report
- Dimensions Check Report

Applications

Suitable Industries	Petroleum, Natural Gas, Chemical Industry, Refinery, Fertilizer Industry, Power Station, Shipbuilding, Onshore Platforms
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