



ZHEHENG STEEL

Wenzhou Zheheng Steel Industry Co.,Ltd
stainless-steelseamlesspipe.com

ASTM A403 WPS31254 Stainless Steel Butt Weld Fitting Elbow ASME B16.9

Our Product Introduction

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Basic Information

- Place of Origin: Wenzhou, China
- Brand Name: Zheheng
- Certification: ISO9001
- Model Number: Elbow
- Minimum Order Quantity: MOQ500kg
- Packaging Details: In wooded cases or pallets, or as for clients requirement
- Delivery Time: 7-15 working days after receiving payment
- Payment Terms: L/C, D/P, T/T, Western Union
- Supply Ability: 1000 Ton/Tons per Month



Product Specification

- Thickness: SCH5S-SCH160 Or As Required
- Size: 1/4" - 60"
- OD: 6-2000mm
- Price Terms: FOB, CIF, EXW
- Connection: Butt Welding/SMLS
- Standard: ASTM B16.9
- Bending Radius: R=1D, 2D, 3D, 5D, 6D, 8D, 10D Or Custom
- Highlight: **Stainless Steel Butt Weld Fitting,
WPS31254 Butt Weld Fitting,
ASTM A403 Stainless Steel Elbow**



Product Description

ASTM A403 WPS31254 Stainless Steel Butt Weld Fitting Elbow ASME B16.9

Characteristic

ASTM A403 is a specification established by the American Society for Testing and Materials (ASTM) that outlines the requirements for wrought austenitic stainless steel piping fittings. These fittings are intended for use in pressure piping and pressure vessel service at high temperatures and corrosive environments. ASTM A403 WPS31254 is a specific grade of stainless steel that falls under the austenitic category. It is also known by its trade name "6Mo" and is designed to provide excellent corrosion resistance in extremely harsh environments, including those containing chlorides, acids, and other corrosive agents. This makes it particularly suitable for applications in industries such as chemical processing, petrochemical, oil and gas, and marine.

Chemical Composition

C	Mn	Si	P	S	Cr	Ni	Mo	Cu	N
0.02	1	0.8	0.03	0.01	19.5-20.5	17.5-18.5	6.0-6.5	0.5-1.0	0.18-0.22

Mechanical Properties

Yield Rp0.2 (MPa)	Tensile Rm (MPa)	Impact KV/Ku (J)	Elongation A (%)	Reduction in cross section on fracture Z (%)	As-Heat-Treated Condition	Brinell hardness (HBW)
338 (≥)	461 (≥)	33	43	44	Solution and Aging, Annealing, Ausaging, Q+T,etc	213

Physical Properties

Temperature (°C)	Modulus of elasticity (GPa)	Mean coefficient of thermal expansion 10- 6/(°C) between 20(°C) and	Thermal conductivity (W/m·°C)	Specific thermal capacity (J/kg·°C)	Specific electrical resistivity (Ω mm ² /m)	Density (kg/dm ³)	Poisson's coefficient, ν
31	-	-	-	-	0.13	-	-
999	821	-	34.3	341	-	-	-
259	-	42	44.2	-	-	112	141

Shipping

ASTM A403 WPS31254 Pipe Fittings is sleeved into plastic bag individually, pieces wrapped with water-proof material, bundled with nylon rope. Clear labels are tagged on the outside of the package for easy identification of the quantity and product I.D.

Image



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