ELBOW

90 Degree Welding Seamless Elbow

ISO9001 Supplier

Class Certificate

Export Supply

Product Description: Heat induction pipe bending Induction pipe bending place an induction coil around a pipe. The coil heats a narrow section of pipe to 800 to 2,200 degrees Fahrenheit, depending on the materi...



Key Highlights

Category	Elbow
Standard	DIN
Material	Carbon steel
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications

Category	Elbow	Model / SKU	90-Degree-Welding-Seamless-Elbow
Standard	DIN	Material	Carbon steel
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS	Warranty	12 Months unless specified otherwise
Origin	China		

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Product Description:

Heat induction pipe bending
Induction pipe bending place an induction coil around a pipe. The coil heats a narrow section of pipe to 800 to 2,200 degrees Fahrenheit, depending on the material type. Once the proper temperature is reached, the pipe slowly passes through the coil as the bending force is applied. After the induction bends are formed, the heated area is cooled by a spray of water or air.
Creating a precise induction bend requires extensive induction bending expertise. Compared to cold forming methods,

induction bending minimizes deformation of the material and distortion of the cross-section even when tight radius bends are required. Pipes formed with induction pipe bending by Tulsa Tube Bending can be found in power plants, highway road signs and petroleum pipelines.

ASTM A234 WPB chemical composition

Material	C (Wt%)	Si (Wt%)	Mn (Wt%)	P (Wt%)	S (Wt%)	TS(Mpa)	YS(Mpa)	E(%)	AK(J)	HB
ASTM A234 WPB	≤0.30	≥0.10	0.29-1.06	≤0.05	≤0.058	415-585	≥240	20	---	≤197