

# Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

## ELBOW

# Sch40 Seamless Carbon Steel MS Boiler Fittings

ISO9001 Supplier

Class Certificate

Export Supply

Product Description: MS seamless boiler tube fittings type:Long(Short) radius elbows 90/45/180 degree,Equal Tee,Reducing Tee,Eccentric reducer,Concentric reducer,CAP,3D/5D/7D Bend etc Specifications:1/2"-24...



### Key Highlights

Category	Elbow
Standard	JIS
Material	ASTMA234,ASTM A420,20#,Q345,WP5,WP9,WP11,ST37.0,STP G38 etc
Weight / Size	MS seamless boiler tube fittings type:Long(Short) radius elbows 90/45/18...
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			
<b>Category</b>	Elbow	<b>Model / SKU</b>	Sch40-Seamless-Carbon-Steel-MS-Boiler-Fittings
<b>Standard</b>	JIS	<b>Material</b>	ASTMA234,ASTM A420,20#,Q345,WP5,WP9,WP11,ST37.0,STP G38 etc
<b>Weight / Size</b>	<p>MS seamless boiler tube fittings type:Long(Short) radius elbows 90/45/180 degree,Equal Tee,Reducing Tee,Eccentric reducer,Concentric reducer,CAP,3D/5D/7D Bend etc Specifications:1/2"-24",Thickness:schedule40(2.77mm-17.48mm) Material:ASTMA234,ASTM A420,20#,Q345,WP5,WP9,WP11,ST37.0,STP G38 etc Standard:GB3087-1999,ANSI B16.9/B16.28,ASME B16.9,JIS B2311/B2312,DIN 2605/2617/2615,GB 12459—99,EN etc Outer diameter and wall thickness of allowable deviation(GB3087-1999) Steel tube type Size (mm) Allowable deviation Common Advanced Hot rolled tube D ≤159 +1.0% (Min+0.5mm) +0.75% (Min+0.3mm) &gt;159 +1.0% +0.90% S &lt;3.5 +15%(Min+0.48mm) -10% (Min-0.32mm) +1.0%(Min+0.2mm) 3.5~20 +15% -10% +10% &gt;20 D&lt;219 +10% +7.5% D≥219 +12.5% -10.0% +10% Cold drawn pipe D ≤30 +0.20mm +0.15mm &gt;30~50 +0.30mm +0.25mm &gt;50 +0.8% +0.6% S 2~3 +12% -10% +10% &gt;3 +10% +7.5%</p>	<b>Certificate</b>	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS
<b>Warranty</b>	12 Months unless specified otherwise	<b>Origin</b>	China

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## Product Description:

MS seamless boiler tube fittings type: Long(Short) radius elbows 90/45/180 degree, Equal Tee, Reducing Tee, Eccentric reducer, Concentric reducer, CAP, 3D/5D/7D Bend etc

Specifications: 1/2"-24", Thickness: schedule 40 (2.77mm-17.48mm)

Material: ASTM A234, ASTM A420, 20#, Q345, WP5, WP9, WP11, ST37.0, STP G38 etc

Standard: GB3087-1999, ANSI B16.9/B16.28, ASME B16.9, JIS B2311/B2312, DIN 2605/2617/2615, GB 12459—99, EN etc

## Outer diameter and wall thickness of allowable deviation(GB3087-1999)

Steel tube type	Size (mm)		Allowable deviation		
			Common	Advanced	
Hot rolled tube	D	≤159	+1.0%(Min+0.5mm)	+0.75%(Min+0.3mm)	
		>159	+1.0%	+0.90%	
	S	<3.5	+15%(Min+0.48mm) -10% (Min-0.32mm)	+1.0%(Min+0.2mm)	
		3.5~20	+15% -10%	+10%	
		>20	D<219	+10%	+7.5%
			D≥219	+12.5% -10.0%	+10%
Cold drawn pipe	D	≤30	+0.20mm	+0.15mm	
		>30~50	+0.30mm	+0.25mm	
		>50	+0.8%	+0.6%	
	S	2~3	+12% -10%	+10%	
		>3	+10%	+7.5%	