



JIS G 3106 SM490A, B, and C Steel Work / Steel Structure / Steel Machining Parts

SM490A, B, and C Steel Structures are produced based on the Japanese Standard JIS G3106 which mainly references the hot rolled low alloy steels. JIS3106 SM490A, B, and C Steel Work usually are used for fabricating the bridges, ships, rolling stocks, petroleum storage tanks, containers and other constructions.

JIS G 3106 SM490A, B, and C Steel machining parts Chemical Composition Analysis:

Grade	C	Si	M	P	S
JIS 3106 SM490A	Thickness ≤ 50mm 0.20max 200mm > 50mm 0.22max	0.55 max	1.60 max	0.035 max	0.035 max
JIS 3106 SM490B	Thickness ≤ 50mm 0.18max 200mm > 50mm 0.20max	0.55 max	1.60 max	0.035 max	0.035 max
JIS 3106 SM490C	Thickness ≤ 100mm 0.18max	0.55 max	1.60 max	0.035 max	0.035 max

JIS G 3106 SM490A, B, and C Steel Work Mechanical Properties:

Grade	Yield point or proof stress N/mm ²						Tensile strength N/mm ²	
	Thickness of steel product (t) mm						Thickness mm	
	≤ 16	> 16	> 40	> 75	> 100	> 160	≤ 100	> 100 < 200

Office Address: Room 301, Unit 6, lane 2500, xiupu Road, Kangqiao Industrial Area, Pudong New District, Shanghai



		< 40	< 75	< 100	< 160	< 200		
JIS 3106 SM490A					285	275	490	490
JIS 3106 SM490B	325 min	315 min	295 min	295 min	min	min	to 610	to 610
JIS 3106 SM490C					-	-		

JIS G 3106 SM490A, B, and C Steel Work Heat treatment and symbol:

For JIS G 3106 SM490A, B, and C Steel machining parts, Katalor can offer Normalizing (N), Quench-hardening and Tempering (Q), or Tempering (T), as necessary. Further more, if you need any special heat treatment for JIS G3106 SM490A, B, and C Steel Structure, it should be agreed upon between the purchaser and supplier.

Shanghai Katalor can supply the JIS3106 SM490A, B, and C Steel machining parts with high function performance. We have more than 20000 square meters workshop and plenty of machining equipments so we can supply the SM490A, B, and C Steel Work in competitive prices and short delivery time. If you need the SM490A, B, and C Steel work/steel structure, please don't hesitate to contact us.



Shanghai Katalor Enterprises

ONCE BELIEVE, TRUST FOREVER!

Email: info@katalor.com

Tel: 0086-21-61182423



Shanghai Katalor Enterprises Co., Ltd located in shanghai of china, is specialized in manufacturing and exporting steel and casting product. Based on the domestic rich product resources and professional research on international market, Katalor's service has already spread many countries in Europe , America, Southeast Asia, Middle East, South America, Africa, and so on.

Contact US:

Phone: 0086-18317160019

TEL: 0086-21-61182423

Fax: 0086-21-61182425

E-mail: info@katalor.com

Skype: shanghai.katalor

Address : Room 301, Unit 6, lane 2500, xiupu Road, Kangqiao Industrial Area, Pudong New District, Shanghai

Office Address: Room 301, Unit 6, lane 2500, xiupu Road, Kangqiao Industrial Area, Pudong New District, Shanghai