



Q BQB310 QStE420TM / QStE460TM steel work / steel structure / steel machining parts

QStE420TM / QStE460TM steel are included in the Q BQB310 standard. QStE420TM / QStE460TM steel work / steel structure / steel machining parts are made of QStE420TM / QStE460TM steel raw material. QStE420TM / QStE460TM steel work have high strength, excellent forming and welding performance, suitable for making automobile structure parts, such as vehicle beams and wheels.

For more information about QStE420TM / QStE460TM steel work, please see the following details.

QStE420TM / QStE460TM steel structure chemical composition %

Grade	Chemical Composition a (Heat Analysis) (%)						
	C	Si	Mn	P	S	Alt	Others
QStE420TM steel structure	≤0.12	≤0.50	≤1.50	≤0.030	≤0.025	≥0.015	Nb≤0.09 V≤0.20 Ti≤0.15
QStE460TM steel structure	≤0.12	≤0.50	≤1.60	≤0.030	≤0.025	≥0.015	Nb≤0.09 V≤0.20 Ti≤0.15

QStE420TM / QStE460TM steel machining parts Mechanical properties

Grade	Tensile Testa				180°Bending Test b Diameter
	ReH	Rm	Elongation (%)		
	(MPa)	(MPa)	L0=80mm, b=20mm	L0=5.65√S0	

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			Nominal Thickness(mm)		0.5a
			<3.0	≥3.0	
QStE420TM steel machining parts	≥420	480~620	≥16	≥21	1a
QStE420TM steel machining parts	≥460	520~670	≥14	≥19	1a

a: Tensile test specified values apply to longitudinal samples. Tensile test should use sample of L0=50mm, b=25mm, i.e. P14 sample of GB/T 228.

QStE420TM / QStE460TM steel plate available size:

Thickness: 3-15mm

Width: 700-2000mm

We keep more than 10000 ton QStE420TM / QStE460TM steel in stock, including QStE420TM / QStE460TM steel plate, QStE420TM / QStE460TM steel pipe, QStE420TM / QStE460TM steel bar, QStE420TM / QStE460TM angle steel and so on .

Base on the QStE420TM / QStE460TM steel stock, we can produce many kinds of QStE420TM / QStE460TM steel structure according to the customer's requirement.

As a QStE420TM / QStE460TM steel structure manufacturer, we can provide the machining service for QStE420TM / QStE460TM steel. We have professional sales team and logistic team, if you have the demand for QStE420TM / QStE460TM steel

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Shanghai Katalor Enterprises

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machining parts, if you want to find the reliable QStE420TM / QStE460TM steel structure exporter, please contact Shanghai Katalor!

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**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:**

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