



EN10149-2 S315MC steel work / steel structure / steel machining parts

S315MC steel is defined in EN 10149-2 standard, the material number is 1.0972.

S315MC steel work / steel structure / steel machining parts is made from S315MC steel raw material.

For more information about S315MC steel work / steel structure / steel machining parts, please see the following details.

S315MC steel structure Chemical composition

Chemical analysis -% by mass*	C	Si	Mn	P	S 1)	Altotal	Mo	Ti	B
	max.	max.	max.	max.	max.	min.	max.	max.	max.
	0,12	0,50	1,30	0,025	0,020	0,015	-	0,15	-

S315MC steel machining parts Mechanical properties

Mechanical properties	Yield Strength ReH [N/mm ²] transv.min.	Tensile Strength Rm [N/mm ²] transv.	Min.totalelongation [%]		Smallest recommended bending radius bending angles ≤ 90		
	S315MC	315	390 - 510	L0 = 80 mm	L0= 5,65 √S0	e1) ≤ 3	3 < e1) < 6
e2) < 3				e2) ≥ 3	0,25 e	0,5 e	1,0 e
20				24			

S315MC steel steel structure Heat treatment:

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



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Tel: 0086-21-61182423

Annealing, tempering, quenching + tempering, other delivery conditions according to the customer's requirement

S315MC steel work application:

Car fabrication, marine contribution, machine fabrication, bridge constructions etc.

If you need S315MC steel machining parts or you need any machining information about S315MC steel work, please contact us!

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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

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