

ASTM - SAE A 621 CQ - [SAE 1010 steel plate/sheet](#) for stamping and cold forming steels

ASTM - SAE 1010 steel plate/sheet,A 621 CQ - SAE 1010 steel plate/sheet, under EN standard, ASTM - SAE A 621 CQ - SAE 1010 steel plate/sheet for stamping and cold forming steels,A 621 CQ - SAE 1010 steel supplier/Chinese supplier,SAE 1010 steel price,A 621 CQ - SAE 1010 steel manufacturer.

[SAE 1010 steel plate/sheet](#) is in ASTM - SAE standard. It's grade Number is 1.0332. The equal material of A 621 CQ - SAE 1010 is: DIN 1614 STW22, NFA 36-301 1C, UNI5867 FEP11, BS1449 HR3,UNE36.093 AP11, EN 10111 DD11,JIS G 3131 SPHD.

A 621 CQ - SAE 1010 ASTM - SAE Number: 1.0332	Comparison of steel grades	
	UNI5867	FEP11
	DIN1614	STW22
	NFA 36-301	1C
	JIS G 3131	SPHD
	EN 10111	DD11
	BS1449	HR3
	UNE36.093	AP11

Main chemical composition in [ASTM - SAE 1010 steel](#): Carbon:max 0.20, Manganese max 0.60, Sulphur max 0.045, Phosphorus max 0.045. More detailed information, please refer to the flowing table:

Chemical analysis -% by mass*

Chemical elements	C	Si max	Mn max	P max.	S max.
SAE 1010	0.12	--	0.60	0.045	0.045

[ASTM - SAE A 621 CQ - SAE 1010 steel plate/sheet](#) is stamping and cold forming steels,it is suitable for non-structural press work and forming.It's tensile strength is around 420 MPa (there is different min strength point at the different thickness.) A 621 CQ - SAE 1010 yield strength is from 170MPa to 320 MPa. (different min strength point at the different thickness.) More detailed information about ASTM SAE 1010 steel Mechanical Properties , please refer to the following table:

Mechanical properties

thickness	Yield Strength ReH [N/mm2] transv.min.	Tensile Strength Rm [N/mm2] transv.	Fracture Elongation[%]transv. min.	Bending Test transv.bending mandrel Ø angle = 180° s = plate thickness
t ≤ 16mm t > 16mm	170-340			1 S
t < 3mm t ≥ 3mm		440		
Up to 1.5mm 1.51-2.00mm 2.01-2.50mm 2.51-2.99mm			23 A80 24 A80	

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Beijing ICE iron and steel

≥ 3mm			28 A5	
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