

[EN10111 DD12 steel plate/sheet](#) for stamping and cold forming steels

EN10111 DD12 steel plate/sheet, DD12 steel plate/sheet, under EN standard, EN10111 DD12 steel plate/sheet for stamping and cold forming steels, DD12 steel supplier/Chinese supplier, DD12 steel price, DD12 steel manufacturer.

[DD12 steel plate/sheet](#) is in EN10111 standard. It's grade Number is 1.0398. The equal material of DD12 is: DIN 1614 RRSTW23, ASTM-SAE A621DQ-SAE1008, JIS G 3131 SPHE.

DD12 EN 10111 Number: 1.0398	Comparison of steel grades	
	UNI5867	-
	DIN1614	RRSTW23
	NFA 36-301	-
	JIS G 3131	SPHE
	ASTM-SAE	A621DQ-SAE1008
	UNE36.093	-

Main chemical composition in [EN10111 DD12 steel](#): Carbon max 0.10, Manganese max 0.45, Phosphorus max 0.035, Sulphur max 0.035, More detailed information, please refer to the flowing table:

[DD12 steel Chemical analysis](#) -% by mass\*

Chemical elements	C	Si max	Mn max	P max.	S max.
DD12	0.10	--	0.45	0.035	0.035

EN10111 DD12 steel plate/sheet is stamping and cold forming steels, it is suitable for non-structural press work and forming. Its yield strength is between 170 to 320 MPa (there is different min strength point at the different thickness.) DD12 tensile strength is from around 420 MPa. (different min strength point at the different thickness.) More detailed information about EN10111 DD12 steel Mechanical Properties, please refer to the following table:

Mechanical properties

thickness	Yield Strength ReH [N/mm <sup>2</sup> ] transv. min.	Tensile Strength Rm [N/mm <sup>2</sup> ] transv.	Fracture Elongation[%] transv. min.	Bending Test transv. bending mandrel Ø angle = 180° s = plate thickness
t ≤ 16mm t > 16mm	170-320			0 S
t < 3mm t ≥ 3mm		420		
Up to 1.5mm 1.51-2.00mm 2.01-2.50mm 2.51-2.99mm ≥ 3mm			25 A80 26 A80  30 A5	

**Ice steel — The most professional exporter on weathering resistant steel**

Tel: 0086-10-56218820

E-mail: [steel@ice-steels.com](mailto:steel@ice-steels.com)

Fax: 0086-10-56218821

Web: <http://www.ice-steels.com>

Oficina Dir: ROOM 3007 1# SOHO MODERN CITY, 88 NO. JIAN GUO ROAD BEI JING OF CHINA



## Beijing ICE iron and steel

---

ICE steel is the professional Chinese steel exporter, we can supply all kinds of steel products like EN10111 DD12 steel plate, steel sheet, metal sheet, flanges, steel circle, color coated steel plate, hot plate, steel coils, etc. If our products EN10111 DD12 steels are helpful to you, please be free to contact, we promise to give you the most competitive prices and best services.

---

**Ice steel — The most professional exporter on weathering resistant steel**

Tel: 0086-10-56218820

E-mail: [steel@ice-steels.com](mailto:steel@ice-steels.com)

Fax: 0086-10-56218821

Web: <http://www.ice-steels.com>

Oficina Dir: ROOM 3007 1# SOHO MODERN CITY, 88 NO. JIAN GUO ROAD BEI JING OF CHINA