

[EN10111 DD11 steel plate/sheet](#) for stamping and cold forming steels

EN10111 DD11 steel plate/sheet, DD11 steel plate/sheet, under EN standard, EN10111 DD11 steel plate/sheet for stamping and cold forming steels, DD11 steel supplier/Chinese supplier, DD11 steel price, DD11 steel manufacturer.

[DD11 steel plate/sheet](#) is in EN10111 standard. It's grade Number is 1.0332. The equal material of DD11 is: DIN 1614 STW22, NFA 36-301 1C, UNI5867 FEP11, BS1449 HR3, UNE36.093 AP11, ASTM-SAE A621DQ-SAE1010, JIS G 3131 SPHD.

DD11 EN 10111 Number: 1.0332	Comparison of steel grades	
	UNI5867	FEP11
	DIN1614	STW22
	NFA 36-301	1C
	JIS G 3131	SPHD
	ASTM-SAE	A621DQ-SAE1010
	BS1449	HR3
	UNE36.093	AP11

Main chemical composition in EN10111 DD11 steel: Carbon: max 0.12, Manganese max 0.60, Sulphur max 0.045, Phosphorus max 0.045. More detailed information, please refer to the following table:

[DD11 steel Chemical analysis](#) -% by mass*

Chemical elements	C	Si max	Mn max	P max.	S max.
DD11	0.12	--	0.60	0.045	0.045

[EN10111 DD11 steel plate/sheet](#) is stamping and cold forming steels, it is suitable for non-structural press work and forming. Its tensile strength is around 440 MPa (there is different min strength point at the different thickness.) DD11 yield strength is from 170 MPa to 340 MPa. (different min strength point at the different thickness.) More detailed information about EN10111 DD11 steel Mechanical Properties, please refer to the following table:

Mechanical properties

thickness	Yield Strength ReH [N/mm ²] transv. min.	Tensile Strength Rm [N/mm ²] 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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