

## EN10111 DD11 steel plate/sheet for stamping and cold forming steels

EN10111 DD11 steel plate/sheet,EN10111 DD11 steel plate/sheet, under EN standard, we can regard DD11 steel plate/sheet as stamping and cold forming steels.EN10111 DD11 is mainly used as stamping and cold forming steels.

EN10111 DD11 steel plate/sheet is stamping and cold forming steels,it is it is suitable for non-structural presswork and forming.This kind of steel is identical to UNI:FEP11,DIN:StW22.JIS:SPHD,BS:HR3 and so on.

<p style="text-align: center;">DD11 EN 10111 Number: 1.0332</p>	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

Chemical analysis -% by mass\*

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

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	170-340			1 S
t < 3mm t ≥ 3mm		440		
Up to 1.5mm			23 A80	
1.51-2.00mm			24 A80	
2.01-2.50mm				
2.51-2.99mm				
≥ 3mm			28 A5	