

EN10111 DD12 steel plate/sheet for stamping and cold forming steels

EN10111 DD12 steel plate/sheet,EN10111 DD12 steel plate/sheet, under EN standard, we can regard DD12 steel plate/sheet as stamping and cold forming steels.EN10111 DD12 is mainly used as stamping and cold forming steels.

EN10111 DD12 steel plate/sheet is stamping and cold forming steels,it is equivalent to DIN1614:RRSTE23, JISG3131:SPHE, ASTM-SAE:A621DQ-SAE1008 steels.

<p style="text-align: center;">DD12 EN 10111 Number: 1.0398</p>	Comparison of steel grades	
	UNI5867	-
	DIN1614	RRSTW23
	NFA 36-301	-
	JIS G 3131	SPHE
	ASTM-SAE	A621DQ-SAE1008
	UNE36.093	-

Chemical analysis -% by mass*

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

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	170-320			0 S
t < 3mm t ≥ 3mm		420		
Up to 1.5mm			25 A80	
1.51-2.00mm			26 A80	
2.01-2.50mm				
2.51-2.99mm				
≥ 3mm			30 A5	