



60 rue de la Tuilerie - 38920 Crolles - France  
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## **STEEL** **STEELHARD 150**

### **APPLICATION**

Blades of snow-plough, blades of cups, shieldings for material of TP, shoes of wear for A.F.C. chains.

### **PROPERTIES**

Steel siliceous mangano of self-hardening type,  
High percentage of carbon allowing to raise hardness in a natural state until 400HB by quenching water,  
Resistance raised to the abrasive wear,  
Good mechanical characteristics.

### **MECHANICAL CHARACTERISTICS**

- Rm : 750 à 850 N/mm<sup>2</sup>
- Re : 370 à 450 N/mm<sup>2</sup>
- A% : 14 à 17
- Hardness: 220 to 280 HB in a natural, hammer-hardenable state until 400HB

### **CHEMICAL ANALYSIS**

C %	Si %	Mn%	P%	S
0.42 à 0.50	0.25 à 0.35	0.50 à 0.80	0.035	0.025 à 0.035

### **IMPLEMENTATION**

- Cross by shear, sawing or rather easy oxycutting
- Drilling and milling with tools with cobalt,
- Welding arc or Mig with fillers to high yield stress.

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