





60 rue de la Tuilerie - 38920 Crolles - France  
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## CHAMFERED BLADES STEELHARD 500

The chamfered blades steel STEELHARD 500 are produced in a treated steel of an average hardness of 500 HB having a resistance very high to abrasion (30 to 50% more resistant than steel stronger 400). They are used for assemblies on buckets of chargers, shovels, bulldozer, scraper. They can be delivered to precise dimensions with one or two chamfers, or without clamp holes.

### CHEMICAL COMPOSITION :

C = 0,20      Si = 0,50      Mn = 1,80      Mo = 0.80      Ni = 1,50      Cr = 1,30

### AVERAGE HARDNESS:

480 à 500 HB

### YIELD STRESS :

1300 N/mm<sup>2</sup>

### TENSILE STRENGTH :

1600 N/mm<sup>2</sup>

### ALENGTHENING :

8 %

### WELDING : RECOMMENDED PRODUCTS

#### A – MANUAL

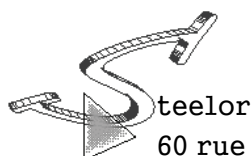
Basics Electrodes : STEELARC 510 – STEELARC MTD – STEELARC 70

Nickel-chrome Electrodes : STEELARC 1810 – STEELARC 310 (for assembly of unknown steels)

#### B – SEMI-AUTOMATIQUE

Basics Wires : STEELARC 70G – STEELARC 80G – STEELARC 90G

Nickel-chrome Wires: STEELARC 1632G – STEELARC 310G (for assembly of unknown steels)



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