



60 rue de la Tuilerie - 38920 Crolles - France
Tél. 0033 438 920 980 - Fax. 0033 476 401 384 - Email : info@steelor.com

STEEL STEELHARD 500

The steel of snow clearance STEELHARD 500 meets the needs increasingly more rigorous than imposes from now on the modern snow clearance

Its very great hardness and its sophisticated composition allow him a very great longevity towards other steels, in particular in the event of severe abrasion on increasingly heavy stems and at high speeds of work. It resists very well the possible shocks thanks to its high yield stress and has a very good impact strength at low temperatures due to its high percentage of nickel.

It is easily weldable because its percentage of carbon is weak, which is appreciated by the welders.

However, it will be necessary to take some precautions in the event of assembly with different or unknown steels.

Dimensions available: all (on order) Time: 10 days

CHEMICAL COMPOSITION :

| | | | | | | |
|------|------|------|------|------|------|------|
| C | SI | MN | CR | MO | NI | B |
| 0.25 | 0.40 | 1.80 | 1.30 | 0.80 | 1.50 | 0.05 |

AVERAGE HARDNESS : 480 à 520 HB

Nota : We specify however, that with oxycutting, this steel can lose 50 HB of hardness on 5 mm thickness.

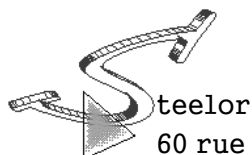
YIELD STRESS : 130 Kg/ Cm²

BREAKING STRENGTH : 160 Kg/ Cm²

WELDING ➔ Recommended Products

MANUAL WELDNG : Basics electrodes
Electrodes NI - CR : ISARC MTD - ISARC 70
ISARC 1810 - ISARC 310
For assembly with unknown steels

SEMI-AUTO WELDING : Basics Wires : ISAFIL 80 G - ISAFIL 70 G
Wires NI - CR : ISAFIL 1632 G
For assembly with unknown steels



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