



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

STEEL STEELHARD 400

The steel of snow clearance STEELHARD 400 meets the needs increasingly more rigorous than imposes from now on the modern snow clearance.

Its great hardness and its sophisticated composition allow him a greater longevity in front of other steels, in particular in the event of severe abrasion on increasingly heavy stems.

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

Dimensions available: all (on order) Time: 15 days.

CHEMICAL COMPOSITION

C	SI	MN	MO	NI	B
0.20	0.30	1.7	0.80	1.50	0.05

AVERAGE HARDNESS

380 à 420 HB

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

YIELD STRESS :

100 Kg/ Cm²

BREAKING STRENGTH

130 Kg/ Cm²

WELDING ➤ **Recommended Products:**

MANUAL WELDING :

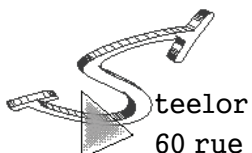
Basics electrodes :
Electrodes NI - CR :

ISARC 51 - ISARC 70
ISARC 1810 - ISARC 310
Pour assemblage avec aciers inconnus

SEMI-AUTO WELDING

Basic wires :
Wires NI - CR :

ISAFIL 80 G - ISAFIL 70 G
ISAFIL ACIER
ISAFIL 1632 G
for assembly with unknown steels



60 rue de la Tuilerie - 38920 Crolles - France

Tél. 0033 438 920 980 - Fax. 0033 476 401 384 - Email : info@steelor.com