



NOVA™

TECHNICAL INFORMATION

NH 33 Hardfacing Electrodes

This electrode has extremely high hardness especially designed for abrasion and medium impact. With this unique composition, it is very ideal for overlaying earth moving heavy equipment parts and other heavy machinery parts. Hardness : 56-59 H.R.C

- Special features :**
- 1) High hardness deposit.
 - 2) Excellent abrasion resistance.
 - 3) Contains unique elements such as chromium and boron.
 - 4) Positively crack free.

TYPICAL ANALYSIS OF ALL-WELD METAL DEPOSIT

Element	<u>C</u>	<u>Si</u>	<u>Mn</u>	<u>P</u>	<u>S</u>	<u>Cr</u>	<u>Mo</u>	<u>B</u>
Deposited Metal %	0.59	0.88	1.29	0.03	0.01	6.88	0.88	0.48

Uses : Shovel bucket, scraper, bucket teeth, cutter knives and casings, drag line bucket and underwater hard facing for machinery parts.

Ampere setting : AC and DC + -
3.2 mm 120-140 amp
4.0 mm 130-150 amp



Build up by NH 99/final of NH 33



Worn-out saw plate at granite quarry

The data published are to our best knowledge the correct information. We reserve the right to alter the specifications at any time and without prior notice.