



NOVA™

TECHNICAL INFORMATION

NX 100 Hardfacing Electrodes

Basic coated electrode for hardfacing, parts subject to severe abrasion without impact. Temperature up to 450 deg C. Hardness 60 – 64 H.R.C

- Special features :**
- 1) Ability to retain its hardness even at high temperatures.
 - 2) Excellent metal recovery - up to 190%.
 - 3) Ideal for two layer deposits.
 - 4) Provides regular and smooth beads.
 - 5) Easy to apply in all positions.

- Uses :**
- 1) Crusher parts.
 - 2) Palm-nuts press screws.
 - 3) Refractory press screws.
 - 4) Cement press screws.
 - 5) And other metal parts with heavy abrasion works.

TYPICAL ANALYSIS OF ALL-WELD METAL DEPOSIT

Element	<u>C</u>	<u>Mn</u>	<u>Si</u>	<u>Mo</u>	<u>Cr</u>	<u>Ni</u>	<u>W</u>
Deposited Metal %	5.22	1.31	2.15	0.02	32.5	0.11	0.01

- Ampere setting :** AC or DC +
- | | |
|--------|---------------|
| 3.2 mm | 120 – 140 amp |
| 4.0 mm | 160 – 180 amp |
| 5.0 mm | 180 – 200 amp |



Breaker – protected by NX 100, 1 pass only

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.