



NOVA™

TECHNICAL INFORMATION

NX 90 Hardfacing Electrodes

A complete multifunctional hardfacing electrode with chromium carbides designed to compact corrosion, wear, severe abrasion and impact. Hardness: 54-58 H.R.C.

- Special Features :**
- 1) High deposition rate.
 - 2) Smooth deposits.
 - 3) Minimum dilution and spatter.
 - 4) Preheating is not required.
 - 5) Excellent for application of 2 to 3 layers.
 - 6) Withstands impact under service condition.
 - 7) Can be used on manganese steel.

- Uses :**
- 1) Coco expeller screws.
 - 2) Crusher jaws.
 - 3) Sand slides.
 - 4) Conveyor screw.
 - 5) Mixing paddles.
 - 6) Digger teeth.
 - 7) And other types of worm screws.

TYPICAL ANALYSIS OF ALL-WELD METAL DEPOSIT

Element	<u>C</u>	<u>Si</u>	<u>Mn</u>	<u>Ni</u>	<u>P</u>	<u>S</u>	<u>Cr</u>	<u>Mo</u>	<u>W</u>	<u>Nb</u>
Deposited Metal %	2.75	0.42	0.52	0.11	0.02	0.01	19.3	0.02	0.03	0.02

- Ampere settings :** AC or DC +
- | | |
|--------|---------------|
| 3.2 mm | 120 - 140 amp |
| 4.0 mm | 140 - 160 amp |
| 5.0 mm | 150 - 180 amp |



Jack hammer breaker hardfaced by NX 90

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.