



# NOVA™

TECHNICAL INFORMATION

## NH 66 Hardfacing Electrodes

NH 66 is a basic rutile coated manual metal arc welding electrode depositing alloyed weld metal of low hydrogen content to minimize the risk of cracking and with hardness : 46 - 50 H.R.C

- Special features** : 1) Abrasion resistance.  
2) Equal hardness and toughness.  
3) Low ampere but deep penetration.  
4) AC or DC + -, suitable for fieldwork.

### TYPICAL ANALYSIS OF ALL-WELD METAL

<b>Element</b>	<b><u>C</u></b>	<b><u>Si</u></b>	<b><u>Mn</u></b>	<b><u>P</u></b>	<b><u>S</u></b>	<b><u>Cr</u></b>	<b><u>Mo</u></b>
<b>Deposited Metal %</b>	<b>0.35</b>	<b>0.42</b>	<b>1.21</b>	<b>0.02</b>	<b>0.01</b>	<b>4.10</b>	<b>0.01</b>

- Uses** : 1) Heavy-duty component (bucket teeth, sprocket, etc).  
2) Roller for steel mild industry.  
3) Earth moving, sand and mud dredging.  
4) Coconut and palm oil hammer and press mixer component (concrete and raw material mixer).  
5) Kneading machines.

- Ampere setting** : AC and DC + -.  
3.2 mm 100 - 120 amp  
4.0 mm 120 - 160 amp

*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.*