

# NST Carbomig 2N

AWS: A5-18/SFA5.18: ER70S-6

EN ISO 14341-A: G 46 2 M21 3Si1

EN ISO 14341-A: G 42 2 C1 3Si1



## Solid wire for welding of mild and high strength steels.

### General description:

NST Carbomig 2N is a copper coated solid (SG2) wire for MIG/MAG welding of unalloyed steels with CO<sub>2</sub> or Argon/CO<sub>2</sub> mix shielding gas.

The wire is suitable for welding in a wide range of welding currents with excellent appearance.

Also suitable for welding thin walled steels or sheet metal.

### Welding positions:



### Welding current:

DC+

### Gas flow:

12-20 l/min.

### Typical chemical composition of welding wire:

C	Si	Mn						
0,08	0,90	1,50						

### Type of gas:

Ar/CO<sub>2</sub> or CO<sub>2</sub>.

### Mechanical properties of all-weld-metal:

Yield and Tensile Strengths			Charpy Impact Test	
Yield Mpa	Tensile Mpa	Elongation %	Charpy V (J) -30 °C	
≥420	500-640	≥22	≥47	

### Guidance - Ampere (DC+):

Wire diameter			
Ampere / Volt			

### Packaging information:

0,8mm x 15Kg + drum Ø51cm  
1,0mm x 15Kg + drum Ø51cm  
1,2mm x 15Kg + drum Ø51cm

### Approvals:

TÜV, CE,

### Reference / date:

NST Carbomig2N,  
English, 29.04.2016.