

## QuNi41

EN ISO 1071: S C NiFe, M.- No.: ~2.4560

is suitable for joint and build-up welding of ferrite and austenitic nodular cast iron as well as mixtures of non-alloy and high alloy steel, copper and nickel alloys.

Build-ups on grey cast iron qualities are also possible. Special applications are tools, GGG fittings and pumps and corrosion-resistant cladding.

### Recommendation for

GJL (GG) and GJS (GGG) – Materials, other normal cast iron sorts

### Rework

The weld can be chrome-plated, polished and machined. The weld is cold work hardened.

### Material analysis in %

C	Mn	Ni	Fe	Si
0,1	1,00	59,0	Rest	0,1

(test certificates upon request.)

### Standard/Mechanical Values

Inert gas	Argon	Values of the pure weld metal
Temperature	20°C	
Yield strength Re	MPa	300
Tensile strength Rm	MPa	500
Elongation A (Lo = 5do)	%	25
Hardness untreated	HB	200

### Following standard:

#### Laser welding wires

rods: 333 mm / 1.000 mm

spool: K80 / K125 / K250 / SH253 / MA125

The reported values were determined by the manufacturer and / or by a neutral Laboratory. We cannot guarantee for the accuracy.