

QuNi41

(W.-Nr. NiFe-2)

is particularly suitable for welding and repairing ferrite and austenitic nodular cast iron as well as for joining it with 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.

Recommended for:

GG ung GGG – Materials, other normal cast iron sorts

Rework

The weld can be chrome-plated, polished and machined

Material analysis in %

C	Mn	Ni	Fe	Ti
0,1	3,5	55,0	Rest	+

(test certificates upon request.)

Standard/Mechanical Values

Ø	N / mm ²	Elongation AL100	Items on stock rods spools	
0,2	-	-	-	-
0,3	-	-	X	-
0,4	-	-	X	X
0,5	1196	1,70	X	X
0,6	1175	2,00	X	-
0,7	-	-	-	-
0,8	-	-	-	X

Hardness after welding

Ø	HRC	base material
1. layer		
2. layer		
3. layer		

(results on request)

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 determined. For the accuracy we cannot guarantee)