

# QuAlSi5

(W.-Nr.: 3.2245)

is suitable for joining and surfacing aluminium-silicon. Alloys of up to 7% Si, as well as dissimilar types of Aluminium Alloys.

### **Recommended for basic materials:**

Aluminium – Silicon – alloys up to 7 % Si,  
Dissimilar Al-alloys

### **Rework**

material-typical treatment

### **Material analysis in %**

Si	Mn	Fe	Al
5,0	< 0,2	< 0,4	Rest

(test certificates upon request.)

### **Standard / Mechanical values**

Ø	N / mm <sup>2</sup>	elongation AL100	Items on stock	
			rods	spools
0,2				
0,25				
0,3			X	X
0,4			X	X
0,5			X	X
0,6			X	X
0,7				
0,8				

### **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 can not guarantee)