

(Special material) patent protected

QuEISI is a special alloy that is characterised by the exceptionally high hardness that can be achieved. **QuEISI** can be used for repair and build-up, especially on high-performance tool steels. Crack-proof build-up welding on many ferrous materials is possible.

Achievable hardness values are 62 - 66 HRC, depending on machining and welding layers.

Recommendation for base material

High performance tool steels, low to high alloy steels
Good experience on 1.3343 - 1.3348, as well as on PM steels and GJS cast iron

Rework

Chrome-plated

Material analysis in %

C	Cr	Mo	V	Fe
1,0	4,0	8,0	2,0	Rest

(test certificates are available on request at any time)

Mechanical values

Inert gas	Argon	Values of the pure weld metal
Temperature	20°C	
Yield strength Re	N/mm ²	
Tensile strength Rm	N/mm ²	
Elongation A (Lo = 5do)	%	
Hardness untreated	HRC	62 - 66

Form of supply

Rod: 333 mm / 1.000 mm - Special lengths on request
Bobbin: 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.