

## QuFe30

EN 14700: S Fe 8; DIN 8555: MWSG 6-GZ-60; M.- No.: 1.4718

is especially applicable for the repairing of compression molds, blanking and cutting tools. The hard and tough weld is resistant against high edge load and shows excellent edge retention. Also applicable for multi layer welding.

Possible Hardness: 54 - 60 HRC.  
Dependent on conditioning and layers.

### Recommendation for:

1.2080, 1.2379, 1.2436, 1.2601 and similar

### Rework

The weld can be heat treated, nitrated, case-hardenable, chrome-plated, CVD coated

### Material analysis in %

C	Si	Mn	Cr
0,5	3,0	0,5	9,5

(test certificates upon request.)

### Standard/Mechanical Values

Inert gas	Argon	Values of the pure weld metal
Temperature	20°C	
Yield strength Re	MPa	
Tensile strength Rm	MPa	
Elongation A (Lo = 5do)	%	
Hardness untreated	HRC	54 - 60

### 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.