Data sheet

QuFe17

(M.-No. No material number. Analysis defined by EN ISO and AWS) EN ISO 16834-A G/W 89 4 M21 Mn4Ni2CrMo ; AWS-A5.28: ER 110S-G

is used for joint welds as well as corrections on high-strength, tempered fine grained steels with a minimum tensile strength of 890 MPA.

Recommendation for

High-strength fine grained steel as XABO 90, S890Q, OS 1002 ASTMA A709 Gr. 100 type B, E, F, H, Q, Weldox 900 E; N-A-TRA 55-70

Rework

Material-typical treatment

Material analysis in %

C	Si	Mn	Mo	Cr	Ni	Fe
0,10	0,7	1,7	0,50	0,30	2,20	Rest

(test certificates upon request.)

Standard/Mechanical Values

Inert gas	Argon	Values of the pure weld metal
Temperature	20°C	
Yield strength Re	N/mm²	880
Tensile strength Rm	N/mm²	940
Elongation A (Lo = 5do)	%	16
Hardness untreated	HRC	

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.