

QuMed4571

DIN EN 10888-3: X6CrNiMoTi17-12-2; AISI 316 Ti; M.- No.: 1.4571

The welding is suitable for joint welding on non-rusting and heat-resistant steels. Corrosion-resistant build-up weldings for instruments and building elements of the food industry, chemical industry, textile and fuel industry. It is suitable for temperatures up to 400°C. From 401°C up to 850°C the danger of intercrystalline corrosion also known as knife edge corrosion exists.

Recommended for

1.4401, 1.4404, 1.4571

Material analysis in %

C	Si	Mn	Cr	Ni	Mo	Ti
0,08	1,0	2,0	16,5-18,5	10,5-13,5	2,0-2,5	5xC

(test certificates upon request.)

Standard/Mechanical Values

Inert gas	Argon	Values of the pure weld metal
Temperature	20°C	
Yield strength Re	N/mm ²	205
Tensile strength Rm	N/mm ²	515
Elongation A (Lo = 5do)	%	35
Hardness untreated	HB	

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.