

# QuMed4310

DIN EN 10088 1.4310 X10CrNi18-8; M.- No.: 1.4310

Polishable austenite chromium-nickel alloy.  
The material is used for the manufacture of springs.  
Easy to weld.

## Recommended basis material

1.4301

## Material analysis in %

C	Si	Mn	P	S	Cr	Mo	Ni
0,10	2,00	2,00	0,045	0,015	17,50	0,80	8,50

(test certificates upon request)

## Standard mechanical values

Inert gas	Argon	Value of the pure weld
Temperature	20°C	
Yield point Re	MPa	400
Tensile strength Rm	MPa	710
Elongation A (Lo = 5do)	%	45
Untreated hardness	HRC	

## Following standard:

### Laser welding wires

Rod: 333 mm / 1.000 mm special lengths upon request

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.