Corodur Fülldraht GmbH
sales@corodur.de
www.corodur.de
Tel.: +49 (0) 2154 8879 - 0

DIN EN 14700 T 19 12 3 Nb R M 3 (C3)

CORODUR® TS 318 L

High alloyed stabilised Cr-Ni-Mo-Nb- flux cored wire for joining corrosion-resistant stabilised and non-stabilised Cr-Ni-Mo- steels of identical or similar characteristics which are resistant to chemical agents. For service temperatures up to 400 °C. Non scaling up to 800 °C.

1.4571	X6 CrNiMoTi 17-12-2
1.4580	X6 CrNiMoNb 17-12-2
1.4583	GX10 CrNiMoNb 18-12

RUST, ACID AND HEAT RESISTANT ALLOYS

TYPICAL ALL WELD METAL ANALYSIS (%)

C	Si	Mn	Cr	Ni	Mo	Nb
0,03	0,9	1,5	19,5	12,0	2,9	0,45

Tensile strength R_m N/mm²	Yield strength $R_{p0,2}$ N/mm²	Elongation A_5 %	Impact strength (J)
620	480	34	50 @ 20° C

FORMS OF DELIVERY

Diameter	Units	Shielding gas
1,2	BS 300	Argon + Co_2
1,6	BS 300	Argon + Co_2

Other dimensions on request

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