

CORODUR[®] TS 318 L

CLASSIFICATION:

T 19 12 3 Nb R M 3 (C3)
T 318 T0 1- 4
1.4576

GENERAL CHARACTERISTICS:

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.

APPLICATION:

1.4401 X5CrNiMo 17-12-2 1.4571 X6CrNiMoTi 17-12-2
1.4436 X3CrNiMo 17-13-3 1.4579 X6CrNiMoTi 17-12-2
1.4437 GX6CrNiMo 18-12 1.4580 X6CrNiMoNb 17-12-2
1.4408 GX5CrNiMo 19-11-2 1.4583 GX10CrNiMoNb 18-12

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

TYPICAL ALL WELD METAL MECHANICAL PROPERTIES:

Tensile strength R _m N/mm ²	Yield strength R _{p0,2} N/mm ²	Elongation A ₅ %	Impact strength J
620	480	34	+ 20 C°; 50

FORMS OF DELIVERY:

Diameter / mm	Sales units	Shielding gas
1,2	BS 300	Argon + Co ₂
1,6	BS 300	Argon + Co ₂