

CORODUR[®] TS 308 L

CLASSIFICATION:

T 19 9 L R M 3 (C3)
T 308 LT0 1- 4
1.4316

GENERAL CHARACTERISTICS:

Flux cored wire for joining corrosion-proof Cr-Ni- steels with low carbon content as well as stabilised and non-stabilised steels of identical or similar characteristics which are resistant to chemical agents. Used on a base metal of identical characteristics the weld metal is resistant to wet corrosion up to 350° C and is scale resistant up to 800°C in an air and oxidising gases atmosphere. No intercrystalline corrosion due to low carbon content. The deposits are capable of taking high polish.

APPLICATION:

1.4306 X2CrNi 19-11	1.4312 GX10CrNi 18-10
1.4311 X2CrNi 18-10	1.4541 X6CrNiTi 18-10
1.4300 X 12 CrNi 18 8	1.4550 X6CrNiTi 18-10
1.4301 X5CrNi 18-10	1.4552 GX5CrNiNb 19-11
GX5CrNi 19-10	

TYPICAL ALL WELD METAL ANALYSIS (%):

C	Si	Mn	Cr	Ni
0,03	0,7	1,4	20,0	10,5

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	460	36	- 196 C°; 32

FORMS OF DELIVERY:

Diameter / mm	Sales units	Shielding gas
0,9	BS 300	Argon + Co ₂
1,2	BS 300	Argon + Co ₂
1,6	BS 300	Argon + Co ₂