

CORODUR[®] TS 309 L

CLASSIFICATION:

T 23 12 L R M 3 (C3)
T 309 LT0 1- 4
1.4332

GENERAL CHARACTERISTICS:

Flux cored wire for joining difficult-to-weld steels and for corrosion - proof plating. An austenitic 18/10 type Cr-Ni- weld metal can be obtained already in the first layer. The alloy is also suitable for buffer layers on plated metal sheets. The highly alloyed weld metal deposited by the wire ensures crack - proof welds and is scale-resistant up to 1000°C. The deposits are capable of taking high polish.

APPLICATION:

Joints of 1.4583 with H I / H II, 17 Mn 4, StE 355,
P235GH P256GH,
P295GH, P355N
1.4825 GX25CrNiSi 18-9 1.4826 GX40CrNiSi 22-9
1.4828 X15CrNiSi 20-10 1.4832 GX25CrNiSi 20-14

TYPICAL ALL WELD METAL ANALYSIS (%):

C	Si	Mn	Cr	Ni
0,03	0,7	1,4	23,5	13,0

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
580	460	35	- 60 C°; 35

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