



CEWELD SA 307

TYPE

APPLICATIONS

PROPRIÉTÉS

CLASSIFICATION

CONVIENT POUR

AGRÉMENTS

POSITIONS DE SOUDAGE

ANALYSE CHIMIQUE
TYPIQUE DU MÉTAL
D'APPORT (%)

PROPRIÉTÉS MÉCANIQUES

ETUVAGE

GAS ACC. EN ISO 14175

Solid stainless steel welding wire

Rails, as a buffer layer on concrete crushers

Moderate strength with very high resistance against cracking because of its high elongation. Flux FL 880 or FL 838

AWS

EN ISO

W.Nr.

F-nr

FM

A 5.9: ~ER 307

14343-A: S 18 8 Mn

1.4370

6

5

19%Cr, 9%Ni Type, ISO 15608: 8.1 , 1.4316

1.4306, 1.4301, 1.4541, 1.4550, 1.4311, 1.4546, 1.4312, 1.4300, 1.4312, 1.4371, 1.4541, 1.4543, 1.4550, 1.4452

X2CrNi 19 11 (TP), X4CrNi 18 10 (TP), X6CrNiTi 18 10 (TP), X6CrNiNb 18 10 (TP), X2CrNiN 18 10 (TP), X5CrNiNb 18 10, G-X10CrNi 18 8 (TP)

AISI 202, 302, 304L, 304, 305, 321, 347, 304 LN,

ASTM A320 Grade B8C/D

CE

PA

PB

PC

C	Si	Mn	P	S	Cr	Ni
0.09	0.7	6.5	0.02	0.02	18	8

Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V	Hardness
				RT	
As Welded	400	600	34	80	HRc

Not required