



CEWELD SA 307

TYPE	Solid stainless steel welding wire						
APPLICATIONS	Rails, as a buffer layer on concrete crushers						
PROPRIÉTÉS	Moderate strength with very high resistance against cracking because of its high elongation. Flux FL 880 or FL 838						
CLASSIFICATION	AWS	A 5.9: ~ER 307					
	EN ISO	14343-A: S 18 8 Mn					
	W.Nr.	1.4370					
	F-nr	6					
	FM	5					
CONVIENT POUR	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						
AGRÉMENTS	CE						
POSITIONS DE SOUDAGE	PA PB PC						
ANALYSE CHIMIQUE TYPIQUE DU MÉTAL D'APPORT (%)	C	Si	Mn	P	S	Cr	Ni
	0.09	0.7	6.5	0.02	0.02	18	8
PROPRIÉTÉS MÉCANIQUES	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
ETUVAGE	Not required						
GAS ACC. EN ISO 14175							