



CEWELD SA 307

TYPE	Solid stainless steel welding wire					
TOEPASSINGEN	Rails, as a buffer layer on concrete crushers					
EIGENSCHAPPEN	Moderate strength with very high resistance against cracking because of its high elongation. Flux FL 880 or FL 838					
CLASSIFICATIE	AWS	A 5.9: ~ER 307				
	EN ISO	14343-A: S 18 8 Mn				
	W.Nr.	1.4370				
	F-nr	6				
	FM	5				
GESCHIKT VOOR	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					
GOEDKEURINGEN	CE					
LASPOSITIES	  					
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn	P	S	Cr Ni
	0.09	0.7	6.5	0.02	0.02	18 8
MECHANISCHE WAARDEN	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V	
					RT	
	As Welded	400	600	34	80	
					Hardness	
					HRc	
HERDROGEN	Not required					
GAS ACC. EN ISO 14175						