


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: ER307						
	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 < 19%Cr, 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	Mo
	0.1	0.5	4	0.02	0.02	20	9	1
MECHANISCHE WAARDEN	Heat Treatment	R _{P0.2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness	
	As Welded	350	600	34	RT		HRC	
HERDROGEN	Not required							
GAS ACC. EN ISO 14175								