

# CEWELD 4316 Kb

**TYPE** Basic coated electrode for corrosion-resistant Cr-Ni-steels with very low C-content

**TOEPASSINGEN** The electrode is suitable for welding corrosion-resistant Cr-Ni-steels with extremely low C-content at working temperatures up to 350 °C.

**EIGENSCHAPPEN** The weld deposit is scale-resistant up to approx. 800 °C in normal atmosphere and oxidizing gases. The weld deposit is capable of taking a high polish.

**CLASSIFICATIE**

AWS	A 5.4: E 308L-15
EN ISO	3581-A: E 19 9 L B 12
W.Nr.	1.4316
F-nr	1
FM	5

**GESCHIKT VOOR** **ISO 15608: 8.1 Austenitic ≤ 19 % Cr , TÜV 1000: Gr. 21 - 29, 9 % Ni,**  
 1.4301, 1.4306, 1.4307, 1.4308, 1.4311, 1.4312, 1.6900, 1.6901, 1.6902, 1.6903, 1.9606, 1.4541,  
 1.4546, 1.4550  
 X 5 CrNi 18 10, X 2 CrNi 19 11, X 5 CrNi 18 9, G-X 6 CrNi 18 9, X 12 CrNi 18 9, G-X 8 CrNi 18 10, X 6  
 CrNi 18 10, X 10 CrNiTi 18 10, X 5 CrNi 18 10  
 AISI 304, 304H, 312, 321H, 347, 347H,  
 UNS S30409, S32109, S34709, S30400, S32100, S34700

**GOEDKEURINGEN** CE

**LASPOSITIES**



**TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)**

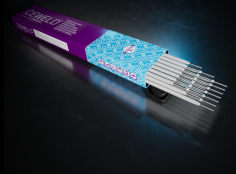
C	Cr	Ni
0.03	19	10

**MECHANISCHE WAARDEN**

Heat Treatment	R <sub>P0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Impact Energy (J) ISO-V	
				RT	Hardness
As Welded	330	550	35	70	HRC

**HERDROGEN** 300°C / 2 hr

**GAS ACC. EN ISO 14175**



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4316 KB 3,2 X 350MM

Packaging	KG/unit	EanCode
Can	2,8	8720663411631