



# CEWELD AA SS 50

**TYPE** Tungsten alloyed cored wire for hardfacing applications..

**TOEPASSINGEN** Rebuilding wornout parts that faces wear and impact combined with increased working temperatures.

**EIGENSCHAPPEN** Machinable ,Heat resistant weld deposit with excelent wear resistance. The weld deposit can be heat treated to offer maximum service protection.

**CLASSIFICATIE** EN ISO 14700: T Fe3  
DIN MSG 3-GF-45-T  
W.Nr. 1.2567

**GESCHIKT VOOR** **45-52 HRc**  
1.2567, 1.2365, 1.2713, 1.2714, 1.2581  
30WCrV17 2, 32CrMoV12-283, 55NiCrMoV6, 55NiCrMoV7, X30WCrV9-3

**GOEDKEURINGEN**

**LASPOSITIES**



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

C	Si	Mn	Cr	V	W	Fe
0.3	0.75	0.8	2.5	0.6	4.5	Rem.

**MECHANISCHE WAARDEN**

Heat Treatment	R <sub>P0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
As Welded				47 HRc
580°C±15°C 1h				53 HRc

**HERDROGEN** 140°C / 2 hr

Hardening : 1060° C-1120° C°, hot bath, compressed air. Tempering : approx. 3 h / temperature depending on desired working hardness. Soft annealing : 2 - 4 h at 800° C -840° C / furnace cooling

**GAS ACC. EN ISO 14175** M13