



# CEWELD AA CrCoMo 50

**TYPE** High-alloyed tubular wire on a C-Cr-Co basis for wear protection in several applications where metal to metal wear at high temperatures is needed. Weldable with shielding gas according EN 439: M11, M12 and M21

**APPLICATIONS** Hot working tools such as: Dies and Continuous casting rollers.

**PROPRIÉTÉS** Very good corrosion resistance and high hardness due to the amount of „Cobalt“ even at higher temperatures. Excellent weldability and often used as economical alternative for „stellite“ .

**CLASSIFICATION** EN ISO 14700: T Fe3

**CONVIENT POUR** 48-50 HRc hardfacing alloy containing Cobalt for excelent metal to metal wear, hot working tools, dies and continuous casting rollers.

**AGRÉMENTS**

**POSITIONS DE SOUDAGE**



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

C	Si	Mn	Cr	Mo	Co
0.1	0.7	0.4	15	3.2	14

**PROPRIÉTÉS MÉCANIQUES**

Heat Treatment	R <sub>p0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
As Welded				49 HRc

**ETUVAGE** 140°C / 24 hr

**GAS ACC. EN ISO 14175** M21