



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

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

EIGENSCHAFTEN 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“ .

KLASSIFIKATION EN ISO 14700: T Fe3

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

ZULASSUNGEN

SCHWEISSPOSITIONEN



TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

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

MECHANISCHE GÜTEWERTE

Heat Treatment	R _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
As Welded				49 HRc

RÜCKTROCKNUNG 140°C / 24 hr

GAS ACC. EN ISO 14175 M21