




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.					
PROPERTIES	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				
SUITABLE FOR	48-50 HRc hardfacing alloy containing Cobalt for excelent metal to metal wear, hot working tools, dies and continuous casting rollers.					
APPROVALS	No Approvals Found					
WELDING POSITIONS	<div></div>					
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	C	Si	Mn	Cr	Mo	Co
	0.1	0.7	0.4	15	3.2	14
ALL WELD MECHANICAL PROPERTIES	Heat Treatment	R _{P0,2} MPa	R _m MPa	A5 (%)	Hardness Rockwell C	
	As Welded /				Avg. 49	
REDRYING TEMPERATURE	140°C / 24 hr					
GAS ACCORDING EN 14175	M21					