



CEWELD SS 6356 (40 HRc)

certilas® THE FILLER METAL SPECIALIST

TYPE	Cobalt alloyed age hardenable hardfacing alloy for Mig and Tig welding.									
APPLICATIONS	High alloyed, age-hardenable alloy for high wear resistant clad layers combined with galling and high working temperatures.									
PROPRIÉTÉS	The weld deposit is, in the as-welded condition machinable, and the subsequent artificial aging optimises the resistance to hot wear and alternating temperatures.									
CLASSIFICATION	EN ISO 14700: S Fe5									
CONVIENT POUR	Age-hardenable alloy for high wear resistant clad layers on cold and hot working tools. Repair, preventive maintenance and production of highly stressed cold and hot working tools, such as punching dies, cold and hot cutting knives, Al-dies cast moulds, cold forging dies, drawing, stamping- and chamfering tools.									
AGRÉMENTS										
POSITIONS DE SOUDAGE										
ANALYSE CHIMIQUE TYPIQUE DU MÉTAL D'APPORT (%)	C	Ni	Co	Mo	Mn	Si	Fe			
	0.03	17	10	4	0.3	0.8	Rem.			
PROPRIÉTÉS MÉCANIQUES	Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness					
	As Welded	885	990		39 HRc					
ETUVAGE	Not required									
GAS ACC. EN ISO 14175	I1, M13, M12									