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.
PROPERTIES	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
SUITABLE FOR	Age-hardenable alloy for high wear resistan 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.
APPROVALS	No Approvals Found
WELDING POSITIONS	

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

C	Ni	Co	Mo	Mn	Si	Fe
0.03	17	10	4	0.3	0.8	Rem.

ALL WELD MECHANICAL PROPERTIES

Heat Treatment	$R_{P0,2}$ MPa	Rm MPa	A5 (%)		Hardness Rockwell C
As Welded /	885	990			Avg. 39

REDRYING TEMPERATURE	Not required
GAS ACCORDING EN 14175	I1, M13, M12