CEWELD SS 6356 (40 HRc)

certilas® THE FILLER METAL SPECIALIST

TYPE	Cobalt alloyed age hardenable hardfacing alloy for Mig and Tig welding.
ANWENDUNGEN	High alloyed, age-hardenable alloy for high wear resistant clad layers combined with galling and high working temperatures.
EIGENSCHAFTEN	The weld deposit is, in the as-welded condition machinable, and the subsequent artificial aging optimises the resistance to hot wear and alternating temperatures.
KLASSIFIKATION	EN ISO 14700: S Fe5
GEEIGNET FÜR	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.
ZULASSUNGEN	
SCHWEISSPOSITIONEN	

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

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

MECHANISCHE GÜTEWERTE

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness
As Welded	885	990		39 HRc

RÜCKTROCKNUNG	Not required
GAS ACC. EN ISO 14175	I1, M13, M12