



CEWELD SS 6356 Tig

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 W.Nr.		14700: S Fe5 ~1.6356						
GEEIGNET FÜR	All hot- and cold-work steels. GG and GGG cast iron materials. Similar materials: 1.2706 / 1.2709 / Böhler W720/21/22 / 1.6354 / 1.6358 (AMS 6512-6514) / Thyrodur / Corrax.								
ZULASSUNGEN									
SCHWEISSPOSITIONEN	 PA  PB  PC  PD  PE  PF								
TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%)	C	Ni	Co	Mo	Mn	Si	Fe	Ti	Cr
	0.01	18	12	4	0.03	0.4	Rem.	1.6	0.2
MECHANISCHE GÜTEWERTE	Heat Treatment		R _{P0,2} (MPa)		R _m (MPa)		A5 (%)	Hardness	
	As Welded		885		990			38 HRc	
RÜCKTROCKNUNG	Not required								
GAS ACC. EN ISO 14175	I1, M13, M12								