



CEWELD SS 6356 Tig

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 W.Nr.	14700: S Fe5 ~1.6356	
CONVIENT POUR	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.		

AGRÉMENTS

POSITIONS DE SOUDAGE



ANALYSE CHIMIQUE TYPIQUE DU MÉTAL D'APPORT (%)

C	Ni	Co	Mo	Mn	Si	Fe	Ti	Cr
0.01	18	12	4	0.03	0.4	Rem.	1.6	0.2

PROPRIÉTÉS MÉCANIQUES

Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
As Welded	885	990		38 HRc

ETUVAGE Not required

GAS ACC. EN ISO 14175 I1, M13, M12