



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 14700: S Fe5 W.Nr. ~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)	A5 (%)	Hardness
As Welded	885	990		38 HRc

ETUVAGE Not required

GAS ACC. EN ISO 14175 I1, M13, M12