

# CEWELD AA SS 6356

TYPE	Flux-cored welding wire for rebuilding and hardfacing.										
APPLICATIONS	CEWELD® AA SS 6356 is a flux-cored wire electrode for hardfacing tools that needs to be machined afterwards. Such as : Die casting molds, edges, and cutting tools ....										
PROPRIÉTÉS	<p>The weld metal deposited by CEWELD® AA SS 6356 consists of a martensite-hardening alloy that can be drilled, turned, milled, and filed in the welded condition. Heat treatment can significantly increase the hardness of the weld metal, and nitriding can increase it further.</p> <p>As welded: ~ 34 HRc 480°C/3h:~53 HRc Nitriding: ~ 63 HRc</p>										
CLASSIFICATION	EN ISO	14700: T Z Fe5									
CONVIENT POUR	Tool steel										
AGRÉMENTS											
POSITIONS DE SOUDAGE	 PA  PB  PC										
ANALYSE CHIMIQUE TIPIQUE DU MÉTAL DE SOUDURE (%)	C	Si	Mn	Ni	Mo	Fe	Co				
	0.03	1	0.4	18	4	Rem.	12				
PROPRIÉTÉS MÉCANIQUES	Heat Treatment	R <sub>P0,2</sub> (MPa)		Rm (MPa)	A5 (%)	Hardness					
	As Welded					34 HRc					
ETUVAGE	Not required										
GAS ACC. EN ISO 14175	M21										