

CEWELD AA SS 6356

TYPE	Flux-cored welding wire for rebuilding and hardfacing.						
TOEPASSINGEN	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						
EIGENSCHAPPEN	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. As welded: ~ 34 HRc 480°C/3h:~53 HRc Nitriding: ~ 63 HRc						
CLASSIFICATIE	EN ISO	14700: T Z Fe5					
GESCHIKT VOOR	Tool steel						
GOEDKEURINGEN							
LASPOSITIES	PAPBPC						
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	C	Si	Mn	Ni	Mo	Fe	Co
	0.03	1	0.4	18	4	Rem.	12
MECHANISCHE WAARDEN	Heat Treatment		R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness	
	As Welded					34 HRc	
HERDROGEN	Not required						
GAS ACC. EN ISO 14175	M21						