CEWELD AA SS 6356

TYPE	Flux-cored welding wire for rebuilding and hardfacing.
ANWENDUNGEN	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 ....
EIGENSCHAFTEN	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
KLASSIFIKATION	EN ISO 14700: T Z Fe5
GEEIGNET FÜR	Tool steel
ZULASSUNGEN	
SCHWEISSPOSITIONEN	

TYPISCHE CHEMISCHE ANALYSE DES SCHWEISSMETALLS (%)

C	Si	Mn	Ni	Mo	Fe	Co
0.03	1	0.4	18	4	Rem.	12

MECHANISCHE GÜTEWERTE

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness
As Welded				34 HRc

RÜCKTROCKNUNG	Not required
GAS ACC. EN ISO 14175	M21