CEWELD OA 58-66B

certilas® THE FILLER METAL SPECIALIST

TYPE	High alloyed seamless metal cored wire for hardfacing against extreme abrasion.
ANWENDUNGEN	Rebuilding wornout parts or protecting new machine parts to increase life that suffer from extreme abrasive wear
EIGENSCHAFTEN	High C-, Cr-, B-alloyed flux-cored wire electrode which forms extremely hard carbides for extremely hard deposits on parts subject to excessively heavy abrasive wear weldable with and without protective gas. Verry good wear resistance due to excellent first layer hardness properties. More than 1 or 2 layers should not be deposited. A Buffer layer with CEWELD® OA 4370 or CEWELD® OA MnCr is recommended in case of old layers or critical base metals. Weldable with M21 or without shielding gas.
KLASSIFIKATION	EN ISO 14700: T ZFe14
GEEIGNET FÜR	58-66 HRc Hardfacing alloy used in mining, agriculture and steel mills, conveyor chains, agriculture, construction, mixer blades, paddles, cement pumps with excelent abrasion and wear resistance against sand and minerals
ZULASSUNGEN	
SCHWEISSPOSITIONEN	

TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

C	Si	Mn	Cr	B
2.6	0.6	0.9	17	0.9

MECHANISCHE GÜTEWERTE

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness
As Welded				62 HRc

RÜCKTROCKNUNG	140°C / 24 hr
GAS ACC. EN ISO 14175	