CEWELD OA 57-62 Nb

certilas® THE FILLER METAL SPECIALIST

TYPE

High alloyed seamless fluxcored wire without slag for hardfacing.

ANWENDUNGEN

CEWELD OA 57-62 Nb is designed for multiple layer welding and offers excellent resistance against combinations of wear and shock.

EIGENSCHAFTEN

Due to the high Niobium content this alloy offers very good resistance against abrasion by minerals, all weld metal requires no buffer layer except on materials considered critical or old hardsurfacing layers. In this Situation OA 4370, ER 100 SG is recommended. Suited for wear parts subject to heavy impact and shock. In critical cases such as cement rollers the interpass temperature should be kept at 270°C for the best results. The weld metal is only machinable by grinding. Due to the production method (seamless wire) this wire can be stored for a long time without the risk of moisture pick up and has excellent feeding and welding properties. Weldable without protective gas. (Also weldable with M21 mixed gas)

KLASSIFIKATION

EN ISO	14700: T Fe8
DIN	8555: MF 6-GF-60-GP

GEEIGNET FÜR

Hardfacing alloy against heavy impact and shock for hammers, crushers, buckets, conveyors, crusher jaws, stone crushers, crushing rollers etc.

ZULASSUNGEN

SCHWEISSPOSITIONEN

TYPISCHE CHEMISCHE ANALYSE DES SCHWEISSMETALLS (%)

C	Si	Mn	Cr	Nb	Fe
1.3	1.4	0.8	6	6.5	Rem.

MECHANISCHE GÜTEWERTE

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness
As Welded				58 HRc

RÜCKTROCKNUNG

Not required

GAS ACC. EN ISO 14175

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OA 57-62 NB 1,6MM

Packaging	KG/unit	EanCode
BS-300	16	8720663403667