CEWELD OA 56 Nb

certilas® THE FILLER METAL SPECIALIST

TYPE

High-alloyed tubular wire on a C-Cr-Nb-V carbide basis against schock and abrasion.

APPLICATIONS

CEWELD OA 56 Nb is a self- shielded crored wire for high pressure resistant hardfacing. With the additional Nb carbides they have a good resistanc against abrasive wear.
Rebuilding and hardfacing wornout parts that faces heavy shock and abrasion at the same time.
Cement crush rollers, Pulverizer Rolls, Hammers

PROPERTIES

Very good wear resistance against abrasion combined with impact. The deposit gives already a very good hardness in the first layer thank to the Nb carbides. The choice for the buffer layer is depending on the base metal and not always necessary. If applied correctly the hardfacing layer wil not show any cracks.

CLASSIFICATION

EN ISO	14700: T Fe8
DIN	8555: MF 6-55-GP

SUITABLE FOR

55-60 HRc hardfacing alloy against shocks and mineral wear, Cement rollers and crushers, Drilling shafts, Mineral and brick crushing industry, Screw conveyers, waste recycling etc.

APPROVALS

No Approvals Found

WELDING POSITIONS

TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

C	Si	Mn	Cr	Mo	Nb	V	Fe
1.4	1.5	1.5	7	1.3	8	0.5	Rem.

ALL WELD MECHANICAL PROPERTIES

Heat Treatment	$R_{P0,2}$ MPa	Rm MPa	A5 (%)		Hardness Rockwell C
As Welded /					Avg. 55

REDRYING TEMPERATURE

140°C / 24 hr

GAS ACCORDING EN 14175

CEWELD OA 56 Nb

OA 56 NB 1,2MM

Type	KG/unit	EANCode
BS-300	15	8720663403476

OA 56 NB 1,6MM

Type	KG/unit	EANCode
BS-300	15	8720663403469

OA 56 NB 2,8MM

Type	KG/unit	EANCode
BS-300	15	8720663403483