



# CEWELD OA 56 Nb

**TYPE** High-alloyed tubular wire on a C-Cr-Nb-W-V carbide basis against shock and abrasion.

**APPLICATIONS** CEWELD OA 56 Nb is a self- shielded cored 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**

**WELDING POSITIONS**



**TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)**

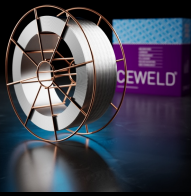
C	Si	Mn	Cr	Mo	Nb	V	Fe	W
1.4	0.7	1.3	6	1.2	8	1	Rem.	1.2

**MECHANICAL PROPERTIES**

Heat Treatment	R <sub>P0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
As Welded				55 HRc

**REDRYING** 140°C / 24 hr

**GAS ACC.** EN ISO 14175



# CEWELD OA 56 Nb

OA 56 NB 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663403476

OA 56 NB 1,6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663403469

OA 56 NB 2,8MM

Packaging	KG/unit	EanCode
BS-300	15	8720663403483