



# CEWELD OA 61

**TYPE** High-alloyed tubular wire on a C-Cr-B-W-V carbide basis for extreme hard deposits on parts subject to strong mineral abrasion.

**APPLICATIONS** Rebuilding and or protecting wornout parts that faces extreme abrasion attack with medium impact.

**PROPERTIES** Very good wear resistance even at higher temperatures. The deposit gives already a very good hardness in the first layer. A buffer layer with CEWELD® OA 4370 or CEWELD® OA MnCr is recommended in case of sensible base material or old layers. Weldable without protective gas.

**CLASSIFICATION** EN ISO 14700: T ZFe16  
DIN 8555: MF 10-GF-65-G

**SUITABLE FOR** 62-66 HRc hardfacing alloy for use in Cement, Mineral and brick industry: screws, decanters, earthmoving equipment, wear plates, dredger teeth, pumps etc.

**APPROVALS**

**WELDING POSITIONS**



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

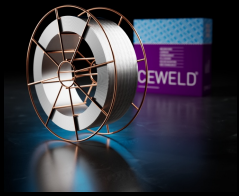
C	Si	Mn	Cr	V	Fe	W	B
4.2	0.8	1.2	22	0.8	Rem.	0.7	1.1

**MECHANICAL PROPERTIES**

Heat Treatment	R <sub>p0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
As Welded				63 HRc

**REDRYING** 140°C / 24 hr

**GAS ACC.** EN ISO 14175



# CEWELD OA 61

OA 61 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663403636

OA 61 1,6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663403650