



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 _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	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