



# CEWELD OA 55 TC

**TYPE** Titanium -alloyed tubular wire on a C-Cr-Ti carbide basis for hardfacing.

**APPLICATIONS** Rebuilding and or protecting wear parts that faces severe impact combined with heavy abrasion.

**PROPERTIES** Very good wear resistance against abrasion combined with impact. The deposit gives already a very good hardness in the second layer thanks to the Titanium carbides. The choice for the buffer layer is depending on the base metal and not always necessary.

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

**SUITABLE FOR** HRc 54-59, hardfacing alloy for Cement crusher rollers, Mineral and brick industry, Hammers, Screw conveyers, gravel pumps, bucket collars, dredger teeth etc.

**APPROVALS**

**WELDING POSITIONS**



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

C	Si	Mn	Cr	Mo	Ti	Fe
1.7	1.4	1	7.2	1.3	5	Rem.

**MECHANICAL PROPERTIES**

Heat Treatment	R <sub>p0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
As Welded				58 HRc

**REDRYING** 140°C / 24 hr

**GAS ACC.** EN ISO 14175



# CEWELD OA 55 TC

OA 55 TC 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663403421

OA 55 TC 1,6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663403438

OA 55 TC 2,0MM

Packaging	KG/unit	EanCode
BS-300	15	8720663403445

OA 55 TC 2,8MM

Packaging	KG/unit	EanCode
BS-300	15	8720663403452