



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 _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	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