



# 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<br>DIN                                                                                                                                                                                                                                                 | 14700: T Fe8<br>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 |