



# CEWELD OA 57

|                |                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TYPE           | High-alloyed tubular wire on a C-Cr. carbide basis for extreme hard deposits on parts subject to strong mineral abrasion.                                                                                                                                                                                                                                                         |
| APPLICATIONS   | Rebuilding and or protecting wear parts against extreme abrasion with low impact.                                                                                                                                                                                                                                                                                                 |
| PROPERTIES     | High C-, Cr- alloyed flux-cored wire electrode which forms extremely hard carbides for extremely hard deposits on parts subject to excessively heavy abrasive wear weldable without protective gas. More than 3 layers should not be deposited. A Buffer layer with OA 4370 or OA MnCr is recommended in case of old layers or critical base metals.. Equivalent in SMAW: Dur 62S |
| CLASSIFICATION | EN ISO 14700: T Fe15<br>DIN 8555: MF 10-GF-60-65-G                                                                                                                                                                                                                                                                                                                                |
| SUITABLE FOR   | 60-64 HRc hardfacing alloy, Cement, Mineral mixing peddles, coke wear plates, Fan blades, screw conveyors, pumps etc.                                                                                                                                                                                                                                                             |

## APPROVALS

## WELDING POSITIONS



## TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

| C   | Si | Mn  | Cr | Fe   |
|-----|----|-----|----|------|
| 5.5 | 1  | 0.1 | 32 | Rem. |

## MECHANICAL PROPERTIES

| Heat Treatment | R <sub>P0.2</sub> (MPa) | R <sub>m</sub> (MPa) | A5 (%) | Hardness |
|----------------|-------------------------|----------------------|--------|----------|
| As Welded      |                         |                      |        | 62 HRc   |
| As Welded      |                         |                      |        | 62 HRc   |

## REDRYING 140°C / 24 hr

## GAS ACC. EN ISO 14175



# CEWELD OA 57

OA 57 2,4MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663403575 |