



# CEWELD OA 57-62 Nb

**TYPE** High alloyed seamless fluxcored wire without slag for hardfacing.

**APPLICATIONS** CEWELD OA 57-62 Nb is designed for multiple layer welding and offers excellent resistance against combinations of wear and shock.

**PROPERTIES** Due to the high Niobium content this alloy offers very good resistance against abrasion by minerals, all weld metal requires no buffer layer except on materials considered critical or old hardsurfacing layers. In this Situation CEWELD OA 4370 or CEWELD ER 100 SG is recommended. Suited for wear parts subject to heavy impact and shock. In critical cases such as cement rollers the interpass temperature should be kept at 270°C for the best results. The weld metal is only machinable by grinding. Due to the production method (seamless wire) this wire can be stored for a long time without the risk of moisture pick up and has excellent feeding and welding properties. Weldable without protective gas. (Also weldable with M21 mixed gas)

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

**SUITABLE FOR** Hardfacing alloy against heavy impact and shock for hammers, crushers, buckets, conveyors, crusher jaws, stone crushers, crushing rollers etc.

**APPROVALS**

**WELDING POSITIONS**



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

| C   | Si  | Mn  | Cr | Nb  | Fe   |
|-----|-----|-----|----|-----|------|
| 1.3 | 1.4 | 0.8 | 6  | 6.5 | 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** Not required

**GAS ACC.** EN ISO 14175



# CEWELD OA 57-62 Nb

OA 57-62 NB 1,6MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 16      | 8720663403667 |