



# CEWELD OA 56 Nb

**TYPE** High-alloyed tubular wire on a C-Cr-Nb-W-V carbide basis against shock and abrasion.

**APPLICATIONS** Rebuilding and hardfacing wornout parts that faces heavy shock and abrasion at the same time.

**PROPRIÉTÉS** Very good wear resistance against abrasion combined with impact. The deposit gives already a very good hardness in the first layer thank to the Nb carbides. The choice for the buffer layer is depending on the base metal and not always necessary. If applied correctly the hardfacing layer wil not show any cracks.

**CLASSIFICATION** EN ISO 14700: T Fe8  
DIN 8555: MF 6-55-GP

**CONVIENT POUR** 55-60 HRc hardfacing alloy against shocks and mineral wear, Cement rollers and crushers, Drilling shafts, Mineral and brick crushing industry, Screw conveyers, waste recycling etc.

**AGRÉMENTS**

**POSITIONS DE SOUDAGE**



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

| C   | Si  | Mn  | Cr | Mo  | Nb | V | Fe   | W   |
|-----|-----|-----|----|-----|----|---|------|-----|
| 1.4 | 0.7 | 1.3 | 6  | 1.2 | 8  | 1 | Rem. | 1.2 |

**PROPRIÉTÉS MÉCANIQUES**

| Heat Treatment | R <sub>p0,2</sub> (MPa) | R <sub>m</sub> (MPa) | A <sub>5</sub> (%) | Hardness |
|----------------|-------------------------|----------------------|--------------------|----------|
| As Welded      |                         |                      |                    | 55 HRc   |

**ETUVAGE** 140°C / 24 hr

**GAS ACC. EN ISO 14175**



# CEWELD OA 56 Nb

OA 56 NB 1,2MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663403476 |

OA 56 NB 1,6MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663403469 |

OA 56 NB 2,8MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663403483 |