



# CEWELD AA M57-62

**TYPE** Seamless metal cored wire for hardfacing (60 HRc, T Fe2)

**APPLICATIONS** Rebuilding and cladding parts against strong abrasion and heavy impact. Hardfacing alloy against heavy impact and shock, bucket, loaders, crusher jaws, crusher cones, pumps, sand, snow scratchers, stone cutting tools etc.

**PROPERTIES** Due to the high resistance to cracking and toughness, all weld metal requires no buffer layer except on materials considered critical. In this situation CEWELD AA M690 is recommended. Suited for wear parts subject to heavy impact and shock. The interpass temperature should be maximum 250°C. The weld metal is machinable by special carbide tools, hardening is possible. The maximum hardness is dependent on the base metal and is achieved in the first layer.

**CLASSIFICATION** EN ISO 14700: T ZFe2  
DIN 8555: MSG 6-GF-60 P

**SUITABLE FOR** 55-62 HRc, T Fe2

## APPROVALS

## WELDING POSITIONS



## TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

| C   | Si  | Mn  | Cr | Mo  |
|-----|-----|-----|----|-----|
| 0.5 | 1.2 | 1.5 | 6  | 0.9 |

## MECHANICAL PROPERTIES

| Heat Treatment | R <sub>P0,2</sub> (MPa) | R <sub>m</sub> (MPa) | A5 (%) | Hardness |
|----------------|-------------------------|----------------------|--------|----------|
| As Welded      |                         |                      |        | 60 HRc   |

**REDRYING** Not required

**GAS ACC. EN ISO 14175** M21



# CEWELD AA M57-62

## AA M57-62 1,2MM

| Packaging | KG/unit  | EanCode       |
|-----------|----------|---------------|
| BS-300    | 16       | 8720663423429 |
| D-200     | 20 (4x5) | 8720663423412 |

## AA M57-62 1,6MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| K-300     | 16      | 8720663423436 |