



# CEWELD Alloy W Tig

**TYPE** Tig filler rods especially for welding of dissimilar alloys (UNS nr. N10004)

**APPLICATIONS** Gas turbines also older gas turbine engines

**PROPERTIES** Excelente welding characteristics for dissimilar alloys

**CLASSIFICATION** AWS A 5.14: ERNiMo-3  
F-nr 44

**SUITABLE FOR** Nickel-, Cobalt- and Iron alloys and also for dissimilar welding of mentioned alloys

**APPROVALS**

**WELDING POSITIONS**



**TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)**

| Cr | Ni | Mo | Fe |
|----|----|----|----|
| 5  | 63 | 24 | 6  |

**MECHANICAL PROPERTIES**

| Heat Treatment | R <sub>P0,2</sub> (MPa) | R <sub>m</sub> (MPa) | A5 (%) | Hardness |
|----------------|-------------------------|----------------------|--------|----------|
| As Welded      |                         | 690                  |        | HRc      |

**REDRYING** Not required

**GAS ACC. EN ISO 14175** 11



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|                          |           |         |               |
|--------------------------|-----------|---------|---------------|
| ALLOY W TIG 1,14 X 914MM | Packaging | KG/unit | EanCode       |
|                          | Tube      | 4,54    | 8720663420343 |
| ALLOY W TIG 1,6 X 914MM  | Packaging | KG/unit | EanCode       |
|                          | Tube      | 2,27    | 8720682050101 |
| ALLOY W TIG 2,4 X 914MM  | Packaging | KG/unit | EanCode       |
|                          | Tube      | 2,27    | 8720682050095 |