



# 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<br>F-nr                                                                                             | A 5.14: ERNiMo-3<br>44     |                                |           |
| SUITABLE FOR                                      | Nickel-, Cobalt- and Iron alloys and also for dissimilar welding of mentiond alloys<br>HAYNES® 25 alloy |                            |                                |           |
| APPROVALS                                         |                                                                                                         |                            |                                |           |
| WELDING POSITIONS                                 |                        |                            |                                |           |
| TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%) | Cr<br>5                                                                                                 | Ni<br>63                   | Mo<br>24                       |           |
| MECHANICAL PROPERTIES                             | Heat Treatment<br>As Welded                                                                             | R <sub>P0,2</sub><br>(MPa) | R <sub>m</sub><br>(MPa)<br>690 | A5<br>(%) |
| REDRYING                                          | Not required                                                                                            |                            |                                |           |
| GAS ACC. EN ISO 14175                             | I1                                                                                                      |                            |                                |           |



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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 |