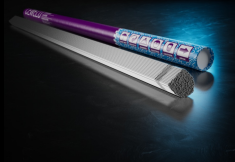




# CEWELD 309LSi Tig

|   |   |                         |                      |                    |                         |        |          |
|---|---|-------------------------|----------------------|--------------------|-------------------------|--------|----------|
| TYPE  | Roestvaststalen toevoegmateriaal voor ongelijksoortig lassen tussen staal en roestvast staal  |                         |                      |                    |                         |        |          |
| TOEPASSINGEN                                      | Bufferlagen voor hardfacing, ongelijke verbindingen tussen ferritische en austenitische staalsoorten.   |                         |                      |                    |                         |        |          |
| EIGENSCHAPPEN                                     | Hoge mechanische eigenschappen en zeer goede lasbaarheid dankzij een verhoogd siliciumgehalte, geschikt voor bedrijfstemperaturen tot 300 °C.   |                         |                      |                    |                         |        |          |
| CLASSIFICATIE                                     | AWS   | A 5.9: ER309LSi         |                      |                    |                         |        |          |
|   | EN ISO  | 14343-A: W 23 12 L Si   |                      |                    |                         |        |          |
|   | W.Nr.   | 1.4432                  |                      |                    |                         |        |          |
|   | F-nr  | 6                       |                      |                    |                         |        |          |
|   | FM  | 5                       |                      |                    |                         |        |          |
| GESCHIKT VOOR                                     | <b>ISO 15608: 8.1 Austenitic ≤ 19 % Cr , TÜV 1000: Gr. 21-30, 23% Cr, 12%Ni Type</b><br><b>ISO 15608: Gr. 8.1 mix 1.1, 1.2, 1.3, 2.1, 2.2, 3.1 , 3.2</b><br>1.2780, 1.4541, 1.4550, <b>1.4710, 1.4712, 1.4713, 1.4724, 1.4729, 1.4740, 1.4741, 1.4742, 1.4746,</b><br>1.4762, 1.4745, <b>1.4825, 1.4826, 1.4828, 1.4832, 1.4878,</b><br>X15CrNiSi20 12, G-X 40 CrNiSi20 9,<br>AISI 446, AISI442, AISI309,<br>UNS S30900, S44200, S44600 |                         |                      |                    |                         |        |          |
| GOEDKEURINGEN                                     | TÜV: TÜV (12394.00), CE   |                         |                      |                    |                         |        |          |
| LASPOSITIES                                       |   |                         |                      |                    |                         |        |          |
| TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%) | C   | Si                      | Mn                   | P                  | S                       | Cr     | Ni       |
|   | 0.02  | 0.7                     | 1.7                  | 0.01               | 0.01                    | 24     | 13       |
| MECHANISCHE WAARDEN                               | Heat Treatment  | R <sub>P0,2</sub> (MPa) | R <sub>m</sub> (MPa) | A <sub>5</sub> (%) | Impact Energy (J) ISO-V |        | Hardness |
|   | As Welded   | 535                     | 640                  | 37                 | RT                      | -196°C | HRC      |
| HERDROGEN   | Not required  |                         |                      |                    |                         |        |          |
| GAS ACC. EN ISO 14175                             | I1  |                         |                      |                    |                         |        |          |



# CEWELD 309LSi Tig

|                         |           |         |               |
|-------------------------|-----------|---------|---------------|
| 309LSI TIG 1,0 X 1000MM | Packaging | KG/unit | EanCode       |
|                         | Tube      | 5       | 8720663413987 |
| 309LSI TIG 1,2 X 1000MM | Packaging | KG/unit | EanCode       |
|                         | Tube      | 5       | 8720663414007 |
| 309LSI TIG 1,6 X 1000MM | Packaging | KG/unit | EanCode       |
|                         | Tube      | 5       | 8720663413994 |
| 309LSI TIG 1,6 X 500MM  | Packaging | KG/unit | EanCode       |
|                         | Tube      | 5       | 8720663414014 |
| 309LSI TIG 2,0 X 1000MM | Packaging | KG/unit | EanCode       |
|                         | Tube      | 5       | 8720663414021 |
| 309LSI TIG 2,0 X 500MM  | Packaging | KG/unit | EanCode       |
|                         | Tube      | 5       | 8720663414045 |
| 309LSI TIG 2,4 X 1000MM | Packaging | KG/unit | EanCode       |
|                         | Tube      | 5       | 8720663414069 |
| 309LSI TIG 2,4 X 500MM  | Packaging | KG/unit | EanCode       |
|                         | Tube      | 5       | 8720663414083 |
| 309LSI TIG 3,2 X 1000MM | Packaging | KG/unit | EanCode       |
|                         | Tube      | 5       | 8720663414090 |
| 309LSI TIG 4,0 X 1000MM | Packaging | KG/unit | EanCode       |
|                         | Tube      | 5       | 8720663414182 |