



# CEWELD 308H Tig

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                         |                      |                    |                         |        |          |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------|--------------------|-------------------------|--------|----------|
| TYPE                                              | Stainless steel Tig welding wire with high carbon content                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                         |                      |                    |                         |        |          |
| TOEPASSINGEN                                      | Welding stainless steel types with an alloy content between 16 to 21% Cr and 8 to 13 % Ni, with high carbon content.                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                         |                      |                    |                         |        |          |
| EIGENSCHAPPEN                                     | Higher temperature and scale resistance than standard (L) types.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         |                      |                    |                         |        |          |
| CLASSIFICATIE                                     | AWS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A 5.9: ER308H           |                      |                    |                         |        |          |
|                                                   | EN ISO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 14343-A: W 19 9 H       |                      |                    |                         |        |          |
|                                                   | W.Nr.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1.4302                  |                      |                    |                         |        |          |
|                                                   | F-nr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6                       |                      |                    |                         |        |          |
|                                                   | FM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5                       |                      |                    |                         |        |          |
| GESCHIKT VOOR                                     | ISO 15608: 8.1 Austenitic ≤ 19 % Cr 9 % Ni, TÜV 1000: Gr. 21,<br>1.4301, 1.4308, 1.6900, 1.6901, 1.6902, 1.6903, 1.9606<br>X 5 CrNi 18 10, X 5 CrNi 18 9, G-X 6 CrNi 18 9, X 12 CrNi 18 9, G-X 8 CrNi 18 10, X 6 CrNi 18 10, X 10 CrNiTi 18 10, X 5 CrNi 18 10<br>AISI 304, 304H, 312, 321H, 347, 347H,<br>UNS S30409, S32109, S34709, S30400, S32100, S34700                                                                                                                                                                                                                                 |                         |                      |                    |                         |        |          |
| GOEDKEURINGEN                                     | CE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                         |                      |                    |                         |        |          |
| LASPOSITIES                                       |        |                         |                      |                    |                         |        |          |
| TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%) | C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Si                      | Mn                   | P                  | S                       | Cr     | Ni       |
|                                                   | 0.05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.5                     | 1.5                  | 0.01               | 0.01                    | 20.2   | 10       |
| 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 |
|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                         |                      |                    | -40°C                   | -196°C |          |
|                                                   | As Welded                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 465                     | 650                  | 38                 | 160                     | 95     | HRc      |
| HERDROGEN                                         | Not required                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                         |                      |                    |                         |        |          |
| GAS ACC. EN ISO 14175                             | I1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                         |                      |                    |                         |        |          |



## CEWELD 308H Tig

308H TIG 1,6 X 1000MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| Tube      | 5       | 8720663412669 |

308H TIG 2,0 X 1000MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| Tube      | 5       | 8720663412676 |

308H TIG 2,4 X 1000MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| Tube      | 5       | 8720663412683 |

308H TIG 3,2 X 1000MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| Tube      | 5       | 8720663412690 |