



# CEWELD 430 Ti

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                    |                         |                      |                    |          |     |      |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------|----------------------|--------------------|----------|-----|------|
| TYPE                                              | Ti gestabiliseerd RVS draad voor lassen van 18% Cr stalen ook in zwavelhoudende omgeving.                                                                                                                                                                                                                                                                                                                                                                                                                               |                                    |                         |                      |                    |          |     |      |
| TOEPASSINGEN                                      | Uitlaatsystemen ook in zwavelhoudende omgeving, piping en constructie in de chemische industrie en maritieme omgeving.                                                                                                                                                                                                                                                                                                                                                                                                  |                                    |                         |                      |                    |          |     |      |
| EIGENSCHAPPEN                                     | Ti gestabiliseerd ferritisch roestvast staal, Austenitisch roestvast staal in zowel homogene als heterogene toestand (aan elkaar gelaste platen van verschillende kwaliteiten). Corrosie bestendig tegen zeewater, zwavelhoudende omgevingen, tegen verdunde organische en anorganische zuren. Oxidatiebestending tot 950°C bij zwavelhoudende verbrandingsgassen.                                                                                                                                                      |                                    |                         |                      |                    |          |     |      |
| CLASSIFICATIE                                     | AWS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A 5.9: ER439, A 5.9: ~ER 430 Ti    |                         |                      |                    |          |     |      |
|                                                   | EN ISO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 14343-B: SS439, 14343-A: Z 18 L Ti |                         |                      |                    |          |     |      |
|                                                   | W.Nr.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ~1.4510, 1.4502                    |                         |                      |                    |          |     |      |
|                                                   | F-nr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 6                                  |                         |                      |                    |          |     |      |
|                                                   | FM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5                                  |                         |                      |                    |          |     |      |
| GESCHIKT VOOR                                     | 1.4000, 1.4002, 1.4016, 1.4057, 1.4113, 1.4057, 1.4059, 1.4332, 1.4502, 1.4509, 1.4510, 1.4511, 1.4512, 1.4520, 1.4523, 1.4712, 1.4713, 1.4724, 1.4740, 1.4741, 1.4742, 1.4842, X7Cr14, X12Cr13, X17CrNi16-2, X6Cr13, X6CrAl13, X6Cr17, X 6 Cr Mo 17, X17CrNi16-2, X2CrTiNb18, X3CrTi17, X3CrNb17, X2CrTi12, X2CrTi17, X10CrSi6, X10CrAlSi7, X10CrAlSi13, X10CrAlSi18 UNS S40300, S40500, S40900, S41000, S42900, S43000, S43035, S43036, S43100, S44200 AISI 403, 405, 409, 410, 429, 430, 430Cb, 430Ti, 439, 431, 442 |                                    |                         |                      |                    |          |     |      |
| GOEDKEURINGEN                                     | CE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                    |                         |                      |                    |          |     |      |
| LASPOSITIES                                       | <div><div>PA</div><div>PB</div><div>PC</div></div>                                                                                                                                                                                                             |                                    |                         |                      |                    |          |     |      |
| TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%) | C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Si                                 | Mn                      | Cr                   | Ni                 | Mo       | Ti  | Cu   |
|                                                   | 0.02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0.7                                | 0.6                     | 18                   | 0.2                | 0.04     | 0.5 | 0.09 |
| MECHANISCHE WAARDEN                               | Heat Treatment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                    | R <sub>P0,2</sub> (MPa) | R <sub>m</sub> (MPa) | A <sub>5</sub> (%) | Hardness |     |      |
|                                                   | As Welded                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                    | 320                     | 480                  | 17                 | HRc      |     |      |
| HERDROGEN                                         | Niet van toepassing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                    |                         |                      |                    |          |     |      |
| GAS ACC. EN ISO 14175                             | M13, M12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                    |                         |                      |                    |          |     |      |



# CEWELD 430 Ti

430 Ti 0,8MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663412096 |

430 Ti 1,0MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663412119 |

430 Ti 1,2MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663412126 |