



|   |  |   |   |  |
|---|--|---|---|--|
| Usine productrice<br>Hersteller<br>Manufacturer | Ugine<br>Avenue Paul<br>Girod<br>73403 Ugine<br>France | INSPECTION CERTIFICATE 3.1<br>CERTIFICAT DE RECEPTION 3.1<br>ABNAHMEPRUEFZEUGNIS 3.1<br>-----<br>EN 10204 / 3.1 | UGITECH<br>Providing special steel solutions. |  |
|---|--|---|---|--|

|  |                             |  |
|--|-----------------------------|--|
| Bu sertifika <b>BİRÇELİK PASLANMAZ ÇELİK LTD. ŞTİ.</b> ye aittir. Bu sertifika hiçbir koşulda <b>KOPYALANAMAZ VEYA ÇOĞALTILAMAZ.</b> | Batch / Prod. Order<br>3000 | Bu sertifika <b>BİRÇELİK PASLANMAZ ÇELİK LTD. ŞTİ.</b> ye aittir. Bu sertifika hiçbir koşulda <b>KOPYALANAMAZ VEYA ÇOĞALTILAMAZ.</b> |
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|   |                      |  |    |
|---|----------------------|--|----|
| Certification - Werkzeugsnis - Certificate<br>AD 2000-MERKBLATT W0/TRD100<br>Pressure Equipment Directiva 97/23/EC<br>ISO 9001<br>ISO/TS 16949<br>ISO 14001 | ISO 9100<br>ISO 9120 | Marque d'usine<br>Herstellerzeichen<br>Supplier's Mark<br>  | 97 |
|   |                      | Poinçon de l'expert<br>Prüfstempel<br>Inspector's stamp<br> | 98 |

|                                     |   |   |
|-------------------------------------|---|---|
| Product<br>Erzeugnisform<br>Product | UGI 630 BAR TURNED POLISHED SOLUTION TREATED COND. A H10ROUND 25,000MM LONG. 4,000M + 300,000MM -0,000MM<br>UGI 630 BARRE TOURNÉE POLIE TREMPÉ(E) COND. A H10RONDIEI 25,000MM LONG. 4,000M +300,000MM -0,00<br>UGI 630 STAB GESCHÄLT POLIERT LÖSUNGSGEGLÜHT COND. A H10RUND 25,000MM LONG. 4,000M + 300,000MM -<br>UGI 630 BAR TURNED POLISHED SOLUTION TREATED COND. A H10ROUND 25,000MM LONG. 4,000M +300,000MM | 5 |
|-------------------------------------|---|---|

|   |  |
|---|--|
| Client et/ou destinataire - Besteller und/oder Empfänger - Purchaser and/or Consignor<br>12672 BIRCELIK PASLANMAZ CELIK TIC | Bu sertifika <b>BİRÇELİK PASLANMAZ ÇELİK LTD. ŞTİ.</b> ye aittir. Bu sertifika hiçbir koşulda <b>KOPYALANAMAZ VEYA ÇOĞALTILAMAZ.</b> |
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|  |                           |      |
|--|---------------------------|------|
| Norme de référence / Besuagenorm / Standard for reference<br>AISI 630<br>ASTM A564/A564M-10 of oct 2010 TYPE 630 | EN 10088-3 ED 2005 1.4542 | 12-2 |
|--|---------------------------|------|

|   |      |
|---|------|
| Spécification client / Kundenspezifikation / Customer's specification | 12-3 |
|---|------|

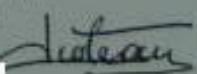
| Nombre<br>Stueckzahl<br>Pieces Nbr | Profil<br>Profilie<br>Shape | Dimension<br>Ausmessung<br>Dimension | Longueur<br>Laenge<br>Length | Poids<br>Gewicht<br>Weigh |
|------------------------------------|-----------------------------|--------------------------------------|------------------------------|---------------------------|
| 61                                 | RO                          | 25,000                               | 21,0                         |                           |

|   |  |   |    |
|---|--|---|----|
| Mode<br>d'elaboration<br>Erchmel zungsart<br>Melting process<br>EAF + AOD<br>+ CC | N° prélevement<br>Probenummer<br>Test number<br>LNJL | Demandé / Vorschrift / Required<br>42 4<br>Min<br>Max<br>0,0700 0,7000 1,0000 5,0000 17,0000 0,6000 5,0000 0,0300<br>coulée/ Schmelzen / Heat<br>0,0190 0,3430 0,8160 4,5410 15,4300 0,0900 3,1290 0,0192 | 49 |
|---|--|---|----|

|                                  |        |        |    |    |    |    |    |    |    |    |    |    |
|----------------------------------|--------|--------|----|----|----|----|----|----|----|----|----|----|
| Demandé / Vorschrift / Required  | 50     | 51     | 52 | 53 | 54 | 55 | 70 | 71 | 72 | 73 | 74 | 75 |
|                                  | % P    | % NB   |    |    |    |    |    |    |    |    |    |    |
| Min                              |        | 0,1500 |    |    |    |    |    |    |    |    |    |    |
| Max                              | 0,0400 | 0,4500 |    |    |    |    |    |    |    |    |    |    |
| coulée/ Schmelzen / Heat         | 0,0183 | 0,2070 |    |    |    |    |    |    |    |    |    |    |
| Produit / Erzeugnisform/ Product |        |        |    |    |    |    |    |    |    |    |    |    |

|                                  |    |    |    |    |    |    |    |    |    |    |    |    |
|----------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|
| Demandé / Vorschrift / Required  | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 |
| Min                              |    |    |    |    |    |    |    |    |    |    |    |    |
| Max                              |    |    |    |    |    |    |    |    |    |    |    |    |
| coulée/ Schmelzen / Heat         |    |    |    |    |    |    |    |    |    |    |    |    |
| Produit / Erzeugnisform/ Product |    |    |    |    |    |    |    |    |    |    |    |    |

The contents of the report are accurate and all test results and operations performed by UGITECH or its subcontractors are in compliance with the material specification and the specific applicable material requirements of ASME NCA-3800

|  |  |  |
|--|--|--|
| We declare that the mentioned product is in compliance with the requirements of the contract and that, after checks and tests, it meets in all respects the specified requirements and applicable standards and regulations, except for the declaration of conformity. / Document validated by electronic signature. Material manufactured | 65-1<br>Der Werksachverständige<br>The work inspector<br> | Bu sertifika <b>BİRÇELİK PASLANMAZ ÇELİK LTD. ŞTİ.</b> ye aittir. Bu sertifika hiçbir koşulda <b>KOPYALANAMAZ VEYA ÇOĞALTILAMAZ.</b> |
|--|--|--|

Usine productrice Ugine  
 Hersteller Avenue Paul  
 Manufacturer Girod  
 73403 Ugine  
 France

INSPECTION CERTIFICATE 3.1  
 CERTIFICAT DE RECEPTION 3.1  
 ABNAHMEPRUEFZEUGNIS 3.1  
 EN 10204 / 3.1

UGITECH  
 Providing special steel solutions



Bu sertifika BİRÇELİK PASLANMAZ ÇELİK LTD. ŞTİ. ye aittir. Bu sertifika hiçbir koşulda KOPYALANAMAZ VEYA ÇOĞALTILAMAZ.  
 3000 11-1

Bu sertifika BİRÇELİK PASLANMAZ ÇELİK LTD. ŞTİ. ye aittir. Bu sertifika hiçbir koşulda KOPYALANAMAZ VEYA ÇOĞALTILAMAZ.  
 11-3

| 24  | 90   |     | T °C | Limite d'élasticité<br>Designated<br>Yield Strength<br>0,2% 1% |     | RM<br>Zugfestigkeit<br>Tensile<br>Mpa | Allongement<br>Bruchdehnung<br>Elongation<br>A50 A40 |    | Striction<br>Einknickung<br>Red area<br>% | Dureté-Haerte-Hardness |    |     |     |
|---|------|-----|------|--|-----|---------------------------------------|--|----|---|------------------------|----|-----|-----|
|   | Min  | Max |      | Mpa  | Mpa |                                       | %  | %  |   | HB                     | HV | HRB | HRC |
| 13  | Min  | Max | 20   |  |     |                                       |  |    |   | 363                    |    |     | 38  |
|   | Min  | Max | 20   |  |     |                                       |  |    |   |                        |    |     |     |
| N° prélèvement<br>Probenummer<br>Test number<br>399 | 1NJL | 1 L | 20   | 948  |     | 1087                                  | 13   | 15 | 55  | 359                    |    |     | 36  |

Bu sertifika BİRÇELİK PASLANMAZ ÇELİK LTD. ŞTİ. ye aittir. Bu sertifika hiçbir koşulda KOPYALANAMAZ VEYA ÇOĞALTILAMAZ.

A l'état de Référence / treatment on test sample / Probezustandbehandlung  
 14 25 26A 26B 27 28 29 30 31 32 33 34

| Taux de corroyage<br>Forging ratio<br>Verformungsgrad<br>79,2 | Résilience-Kerbschlagzähigkeit-Notch Toughness |      |                               |     |   |  |                                   |   |
|---|--|------|-------------------------------|-----|---|--|-----------------------------------|---|
|   | Type Form<br>Type                              | T °C | Sans<br>Richtung<br>Direction | Min | Valeurs individuelles<br>Einzelwerte<br>individual values |  | Moyenne<br>Mittelwerte<br>Average | Expansion latérale<br>Seitliche Breitung<br>Lateral Expansion |
| 101   | 31   | 33   | 32                            | 95  |   |  | 35                                | 36  |

A l'état de livraison / Lieferzustand / As delivered  
 13

Solution treated  
Cond. A

A l'état de Référence / treatment on test sample / Probezustandbehandlung  
 14

BIRCELİK PASLANMAZ ÇELİK TIC

Quantité livrée / delivered quantity / gelieferte Quantität  
 92 93 94

The contents of the report are accurate and all test results and operations performed by UGITECH or its subcontractors are in compliance with the material specification and the specific applicable material requirements of ASME NCA-3800  
 Bu sertifika BİRÇELİK PASLANMAZ ÇELİK LTD. ŞTİ. ye aittir. Bu sertifika hiçbir koşulda KOPYALANAMAZ VEYA ÇOĞALTILAMAZ.

We declare that the mentioned product is in compliance with requirements of the contract and that, after checks and tests, it meets all aspects the specified requirements and applicable standards and regulations, except reservations or exceptions in production of conformity. Document validated by electronic signature. Material manufactured in the REACH region.  
 Bu sertifika BİRÇELİK PASLANMAZ ÇELİK LTD. ŞTİ. ye aittir. Bu sertifika hiçbir koşulda KOPYALANAMAZ VEYA ÇOĞALTILAMAZ.  
 95