






|   |   |  |                               |           |   |                                 |   |   |   |      |
|---|---|--|-------------------------------|-----------|---|---------------------------------|---|---|---|------|
| Delivery address, Empfänger, Lieu de livraison<br><b>HTM YHTIÖT OY</b><br><b>TEOOLLISUUSKUJA 1</b><br><b>14200 TURENKI</b><br><b>SUOMI - FINLAND</b>  |   |  |                               |           | <b>HTM YHTIÖT OY</b><br><b>TIILITEHTAANTIE 23</b><br><b>12310 RYTTYLÄ</b><br><b>SUOMI - FINLAND</b>   |                                 |   |   |   |      |
| Requirements, Anforderungen, Exigences<br><b>EN 10088-4:2009</b><br><b>AD 2000 W2, W10 &amp; EN 10028-7:2016</b><br><b>ASTM A240/A240M</b><br><b>ASME SA-240/SA-240M II A ED. 2017</b>  |   |  |                               |           | Our Order No.<br>Unser Auftrag Nr.<br>Notre commande n°<br><b>300469712</b>   |                                 | Your order, Ihre Bestellung, Votre commande<br><b>11329</b>                           |   |   |      |
| Product, Erzeugnisform, Produit<br><b>SHEET , STAINLESS STEEL</b>   |   |  |                               |           | Mark of Manufacturer<br>Zeichen des Lieferwerkes<br>Signe de producteur<br>outokumpu   |                                 | Process<br>Erschmelzungsart<br>Mode de fusion<br><b>AOD</b>                           |   | Inspector's stamp<br>Zeichen d. Sachverst.<br>Poicon de l'expert<br>   |      |
| Grade, Werkstoff, Nuance<br><b>1.4307 1.4301 TYPE 304L</b>  |   |  |                               |           | Tolerances Toleranzen, Tolérances<br><b>EN ISO 9444-2</b>   |                                 |   |   |   |      |
| Marking, Kennzeichnung, Marquage<br><b>1.4307 1D</b>  |   |  |                               |           | Marks, Versandzeichen, Marques  |                                 |   |   |   |      |
| Line<br>Reihe<br>Ligne  | Item<br>Position<br>Poste   | Charge-test No.<br>Schmelze-Probe Nr.<br>Coulée n° | Size, Abmessungen, Dimensions |           |   | Quantity<br>Stückzahl<br>Nombre | Weight, Gewicht, Poids  | Finish<br>Ausführung<br>Fini<br>EN/ASTM | <br>14<br>0045-CPR-0567  |      |
| 1   | 1   | 82392 3  | 3,0                           | X         | 1500 X 3000   | MM                              | 24  | 2606 KG                                 |   | 1D/1 |
| 2   | 2   | 73017 K  | 4,0                           | X         | 1500 X 3000   | MM                              | 19  | 2718 KG                                 |   | 1D/1 |
| 3   | 3   | 81754 6  | 5,0                           | X         | 1500 X 3000   | MM                              | 11  | 1958 KG                                 |   | 1D/1 |
| 4   | 4   | 72905 J  | 6,0                           | X         | 1500 X 3000   | MM                              | 12  | 2582 KG                                 |   | 1D/1 |
| Charge no.<br>Schmelze Nr.<br>Coulée n°   | Chemical composition, Chemische Zusammensetzung, Composition chimiques        |  |                               |           |   |                                 |   |   |   |      |
|   | C<br>%  | Si<br>%  | Mn<br>%                       | P<br>%    | S<br>%  | Cr<br>%                         | Ni<br>%   | N<br>%                                  |   |      |
| 82392   | 0,029   | 0,39   | 1,49                          | 0,033     | 0,002   | 18,1                            | 8,0   | 0,050                                   |   |      |
| 73017   | 0,024   | 0,30   | 1,28                          | 0,030     | 0,001   | 18,3                            | 8,0   | 0,064                                   |   |      |
| 81754   | 0,020   | 0,42   | 1,54                          | 0,034     | 0,001   | 18,2                            | 8,0   | 0,041                                   |   |      |
| 72905   | 0,022   | 0,33   | 1,34                          | 0,029     | 0,001   | 18,3                            | 8,1   | 0,071                                   |   |      |
| Line<br>Reihe<br>Ligne  | Mechanical properties, Mechanische Eigenschaften, Caracteristiques mecaniques |  |                               |           |   |                                 |   |   | Tensile test, Zugversuch, Essai de traction   |      |
|   | Sample ID<br>Proben ID<br>Echantillon   | Rp0.2<br>MPa                                       | Rp1.0<br>MPa                  | Rm<br>MPa | A5<br>%   | A50<br>%                        | %   | Hardness<br>Härte, Duraté<br>HBW        | <b>ISO 6892-1:2009 A224</b><br><b>SAMPLES PERPENDICULAR TO</b><br><b>THE ROLLING DIRECTION</b>  |      |
| 1   | 01  | 310  | 357                           | 650       | 53  | 50                              |   | 191                                     | <b>APPROVED ACC.TO</b><br><b>AD2000-WO WITH</b><br><b>VERIFICATION OF THE</b><br><b>UNIFORMITY OVER THE</b><br><b>STRIP LENGTH. CERTIFIED</b><br><b>ACC.TO PED 2014/68/EU BY</b><br><b>TÜV NORD REG. NO. 0045.</b><br><b>DOPS ACC. TO CPR</b><br><b>AVAILABLE ON THE WEB</b><br><b>PAGE BY STEEL NUMBER</b> |      |
|   | 02  | 302  | 350                           | 642       | 54  | 51                              |   | 181                                     |   |      |
| 2   | 02  | 307  | 362                           | 648       | 52  | 50                              |   | 196                                     |   |      |
|   | 09  |  |                               |           |   |                                 |   | 180                                     |   |      |
| 3   | 01  | 305  | 349                           | 631       | 52  | 51                              |   | 184                                     |   |      |
|   | 02  | 309  | 353                           | 633       | 53  | 52                              |   | 195                                     |   |      |
| 4   | 01  | 290  | 336                           | 623       | 56  | 55                              |   | 188                                     |   |      |
|   | 02  | 296  | 343                           | 630       | 54  | 53                              |   | 188                                     |   |      |
| Identity test, Verwechslungsprüfung, Controle d'identification<br>Sizes, Abmessungen, Dimensions<br>Surface, Oberfläche, Surface<br>Test of intergran. corros, Prüfung auf interkrist. Korros, Test de corros. intercris.<br><b>EN ISO 3651-2 A: OK</b>   |   |  |                               |           | OK<br>OK<br>OK  |                                 |  |   |   |      |
| <b>ASTM A240/A240M</b><br><b>ASME SA-240/SA-240M II A ED. 2017</b><br><b>TYPE 304</b><br><b>NACE MR0103/ISO 17945 AND</b><br><b>NACE MR0175/ISO 15156-1 / NACE MR0175/ISO 15156-3</b><br><b>73017K PRODUCT MELTED IN CALVERT, ALABAMA, USA</b><br><b>72905J PRODUCT MELTED IN CALVERT, ALABAMA, USA</b><br><b>11329</b> |   |  |                               |           | We certify that the above mentioned products comply with the terms of the order contract.<br>Wir bestätigen, dass die Lieferung den Vereinbarungen der Bestellannahme entspricht.<br>Nous certifions que les produits énumérés ci-dessus sont conformes aux prescriptions de la commande.                 |                                 |   |   |   |      |
|   |   |  |                               |           | This test certificate is made by controlled ADP-system and is valid without signature.<br>Dieses Zeugnis wurde von einem überprüften Datenverarbeitungssystem erstellt und ist ohne Unterschrift gültig.<br>Ce certificat a été établi par un système informatique contrôlé et est valide sans signature. |                                 |   |   |   |      |
|   |   |  |                               |           | <b>Outokumpu Stainless Oy</b><br>  |                                 |   |   |   |      |
|   |   |  |                               |           | Authorized inspector <b>LARI NISSINEN</b><br>Werkssachverständiger<br>Inspecteur autorisé   |                                 |   |   |   |      |
|   |   |  |                               |           | FI-95490 Tornio, Finland<br>Tel. +358 16 4521, email certificate.tornio@outokumpu.com, www.outokumpu.com<br>Domicile: Tornio, Finland. Business Identity Code 0823315-9   |                                 |   |   |   |      |