



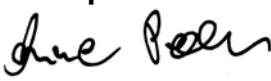


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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|------------------------------------------------------------------------|-------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Delivery address, Empfänger, Lieu de livraison<br><b>HTM YHTIÖT OY</b><br><br><b>TIILITEHTAANTIE 23</b><br><b>12310 RYTTYLÄ</b><br><b>SUOMI - FINLAND</b>                                                                                                                                                                                                                                                          |                                                                               |                                                                        |                               |             | <b>HTM YHTIÖT OY</b><br><br><b>TIILITEHTAANTIE 23</b><br><b>12310 RYTTYLÄ</b><br><b>SUOMI - FINLAND</b>                                                        |                        |                                                             |                                                                                                                   |                                                                                                                                                             |
| Requirements, Anforderungen, Exigences<br><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. 2021</b>                                                                                                                                                                                                                         |                                                                               |                                                                        |                               |             | Our Order No.<br>Unser Auftrag Nr.<br>Notre commande n°<br><b>300628422</b>                                                                                    |                        | Your order, Ihre Bestellung, Votre commande<br><b>15259</b> |                                                                                                                   |                                                                                                                                                             |
| Product, Erzeugnisform, Produit<br><b>COIL , STAINLESS STEEL</b>                                                                                                                                                                                                                                                                                                                                                   |                                                                               |                                                                        |                               |             | Mark of Manufacturer<br>Zeichen des Lieferwerkes<br>Signe de producteur<br> |                        | Process<br>Erschmelzungsart<br>Mode de fusion<br><b>AOD</b> |                                                                                                                   | Inspector's stamp<br>Zeichen d. Sachverst.<br>Poicon de l'expert<br><br> |
| Grade, Werkstoff, Nuance<br><b>1.4307 1.4301 TYPE 304</b>                                                                                                                                                                                                                                                                                                                                                          |                                                                               |                                                                        |                               |             | Tolerances Toleranzen, Tolérances<br><b>EN ISO 9445-2</b>                                                                                                      |                        |                                                             |                                                                                                                   |                                                                                                                                                             |
| Marking, Kennzeichnung, Marquage<br><b>1.4307 2B</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><b>10</b><br>0045-CPR-0567 |                                                                                                                                                             |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                           | <b>7</b>                                                                      | <b>41320 4</b>                                                         | <b>5,0 X 1500 MM</b>          |             |                                                                                                                                                                | <b>5640 KG</b>         | <b>2B</b>                                                   |                                                                                                                   |                                                                                                                                                             |
| Charge no.<br>Schmelze Nr.<br>Coulée n°                                                                                                                                                                                                                                                                                                                                                                            |                                                                               | Chemical composition, Chemische Zusammensetzung, Composition chimiques |                               |             |                                                                                                                                                                |                        |                                                             |                                                                                                                   |                                                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                               | <b>C</b>                                                               | <b>Si</b>                     | <b>Mn</b>   | <b>P</b>                                                                                                                                                       | <b>S</b>               | <b>Cr</b>                                                   | <b>Ni</b>                                                                                                         | <b>N</b>                                                                                                                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                               | <b>%</b>                                                               | <b>%</b>                      | <b>%</b>    | <b>%</b>                                                                                                                                                       | <b>%</b>               | <b>%</b>                                                    | <b>%</b>                                                                                                          | <b>%</b>                                                                                                                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                               | <b>41320</b>                                                           | <b>0,026</b>                  | <b>0,41</b> | <b>1,47</b>                                                                                                                                                    | <b>0,034</b>           | <b>&lt;.001</b>                                             | <b>18,1</b>                                                                                                       | <b>8,0</b>                                                                                                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                               | <b>0,062</b>                                                           |                               |             |                                                                                                                                                                |                        |                                                             |                                                                                                                   |                                                                                                                                                             |
| 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   | <b>A5</b><br>%                                                                                                                                                 | <b>A50</b><br>%        | %                                                           | Hardness<br>Härte, Duraté<br><b>HBW</b>                                                                           | <b>ISO 6892-1:2019 A224</b><br><b>SAMPLES PERPENDICULAR TO</b><br><b>THE ROLLING DIRECTION</b>                                                              |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                           | <b>01</b>                                                                     | <b>328</b>                                                             | <b>369</b>                    | <b>631</b>  | <b>54</b>                                                                                                                                                      | <b>53</b>              |                                                             | <b>186</b>                                                                                                        |                                                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>02</b>                                                                     | <b>317</b>                                                             | <b>358</b>                    | <b>632</b>  | <b>54</b>                                                                                                                                                      | <b>53</b>              |                                                             | <b>184</b>                                                                                                        |                                                                                                                                                             |
| 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. intercrst.<br><b>EN ISO 3651-2 A: OK</b>                                                                                                                                                            |                                                                               |                                                                        |                               |             |                                                                                                                                                                |                        |                                                             |                                                                                                                   |                                                                        |
| ASTM A240/A240M<br>ASME SA-240/SA-240M II A ED. 2021<br>TYPE 304L<br>EN 10088-2:2014/1.4307, 1.4301<br>NACE MR0103/ISO 17945 AND<br>NACE MR0175/ISO 15156-1 / NACE MR0175/ISO 15156-3<br>HEAT TREATMENT 1060 C<br>SOLUTION ANNEALED                                                                                                                                                                                |                                                                               |                                                                        |                               |             |                                                                                                                                                                |                        |                                                             |                                                                                                                   |                                                                                                                                                             |
| 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.                                                                                                          |                                                                               |                                                                        |                               |             |                                                                                                                                                                |                        |                                                             |                                                                                                                   |                                                                                                                                                             |
| <p><b>Outokumpu Stainless Oy</b></p>  <p>Authorized inspector <b>ANNE PELLIKKA</b><br/>Werkssachverständiger<br/>Inspecteur autorisé</p> <p>FI-95490 Tornio, Finland<br/>Tel. +358 16 4521, email certificate.tornio@outokumpu.com,<br/>www.outokumpu.com<br/>Domicile: Tornio, Finland. Business Identity Code 0823315-9</p> |                                                                               |                                                                        |                               |             |                                                                                                                                                                |                        |                                                             |                                                                                                                   |                                                                                                                                                             |