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Management Systems
Certified by
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ISO 9001 / SGI 6000360
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ACEROS INOXIDABLES

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Works Inspector Stamp - Werkssachverständiger
Sello del Inspector



| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|---------------------------------|--|--|--|--|--|---|--|----------------|--|---|--|--------------------------|--|---|--|------|--|---------------------------|--|---------|--|--|--|--|--|
| Certificate type - APZ Nach Certificado tipo | | EN 10204/3.1 | | Certificate n° - Prüf-Nr Certificado n° | | 224547 | | Date - Datum - Fecha | | 05 - 03 - 2015 | | | | | | | | | | | | | | | | | |
| Our order N° Werks - Nr N° de Referencia | | 554809 | | Heat Schmelze Colada | | 383554 | | Your order N° Bestell - Nr Pedido N° | | OL6556 | | | | | | | | | | | | | | | | | |
| Steel Grade Werkstoff Calidad | | | | 316-S-11 AV | | | | According to Entsprechend Corresponde | | | | BS 970:PART 3:1991. | | | | | | | | | | | | | | | |
| Shape and Size - Gegenstad Perfil y dimensión | | | | HEXAGON 27,94 mm | | | | Tolerance - Toleranz Tolerancia | | h 11 /DIN 176 | | Bundles Bunde Bultos | | 4 | | Bars Stäbe Barras | | 148 | | Weight Gewicht Peso | | 2505 Kg | | | | | |
| Requirements - Anforderungen - Exigencias | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EN 10.088-3.2005. | | | | | | | | | | | | Anhang I Absatz 4.3 Certificate/Zertifikat Nr. 348/2008/MUC | | | | | | | | | | | | | | | |
| EN 10.272-2007. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ASTM A 182 / A 182M-14a. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ASTM A 479 / A 479M-14. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ASTM A 276-13a. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ASME SA 479 / SA 479M-13 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NACE MR-0175-2003/ISO 15156-3 2009. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SAE AMS 5653H-12. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 316S31AV-1.4404-1.4401-Type 316-Type 316L. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PED 97/23/EC, Annex I, Paraq.4.3/DGR 97/23/EG | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Melting process / Erschmelzungsart / Proceso de Fusión | | | | | | Heat treatment / Wärmebehandlung / Tratamiento térmico | | | | | | 1060C 4H/Std WATER/WASSER/AGUA | | | | | | | | | | | | | | | |
| E.A.F. / A.O.D. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Solution annealed/Abgeschreckt/Hipertemple-Cold drawn/Gezogen/Estirado- | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Test results - Ergebnis der Prüfungen - Resultados de los ensayos | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dimension of Specimen Abmessungen des Probestabes Medida de las probetas | | Rp0.2% N/mm2 MPA | | Rp 1% N/mm2 MPA | | Rm N/mm2 MPA | | A %L 5D | | A %L 4D | | Z % | | Hardness Härte HBw | | Impact test / Kersbschlag / Resiliencia ISO V Jules | | | | | | | | | | | |
| RD. 10,00 mm. | | Min. 325 | | 375 | | 550 | | 20 | | | | | | | | | | | | | | | | | | | |
| | | Max. | | | | | | | | | | | | | | | | | | | | | | | | | |
| Temperature°C 20 | | Spec. N° Probe Nr. Pro N° | | 1 | | 414 | | 497 | | 607 | | 42 | | 45 | | 71 | | 187 | | | | | | | | | |
| | | C | | Si | | Mn | | P | | S | | Cr | | Mo | | Ni | | Cu | | N | | Co | | | | | |
| Min. | | | | | | | | | | | | 16,50 | | 2,00 | | 11,00 | | | | | | | | | | | |
| Max. | | 0,030 | | 1,00 | | 2,00 | | 0,045 | | 0,030 | | 18,50 | | 2,50 | | 14,00 | | 0,70 | | | | | | | | | |
| | | 0,023 | | 0,33 | | 1,69 | | 0,034 | | 0,029 | | 17,25 | | 2,01 | | 11,00 | | 0,37 | | 0,0235 | | 0,15 | | | | | |
| Visual and dimensional inspection Besichtigung und Ausmessung Control visual y dimensional | | | | O.K. | | | | Radioactivity inspection Radioaktivitätskontrolle Control de Radioactividad | | | | O.K. | | | | Antimixing test Spektrsk Verwechslungspr Antimezcla | | | | O.K. | | | | Grain Size Korngröße Tamaño de grano | | | |
| Remarks - Bemerkungen - Observaciones | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IC test acc./IK prüfung nach ASTM A 262 E.13. OK | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Crack control/Rissgeprüft acc. EN 10277-1 class 2. OK | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F10554 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/2" BSPP C/S X NPT M/M ADAPTOR 15K 316L | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | EDV / EDP Acc. EN 10.204 Alfredo Molina Certification Mng. Works Inspector Der Werkssachverständige Inspector de fábrica | | | | | | | | | | | | | | | |

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