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Management Systems
 Certified by
 LRQA
 ISO 9001 / SGI 6000360
 ISO 14001 / SGI 1870678

ACEROS INOXIDABLES

OLARRA

OLARRA U.K. LTD.
 FOREST PARK - CLEOBURY MORTIMER
 NR KIDDERMINSTER - DY14 9BD - ENGLAND

Trade Mark - Zeichen des Lieferwerkes
 Anagrama del suministrador 
 Works Inspector Stamp - Werkssachverständiger
 Sello del Inspector 

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|---------------------------------|--|---|--|--|--|---|--|------------|--|--|--|--------------------------|--|--|--|---------|--|--------|--|------|--|--|--|--|--|
| Certificate type - APZ Nach Certificado tipo | | EN 10204/3.1 | | Certificate n° - Prüf-Nr Certificado n° | | 188734 | | Date - Datum - Fecha 07 - 04 - 2014 | | | | | | | | | | | | | | | | | | | |
| Our order N° Werks - Nr N° de Referencia | | 542650 | | Heat Schmelze Colada | | 368167 | | Your order N° Bestell - Nr Pedido N° | | | | OL6278 | | | | | | | | | | | | | | | |
| 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 | | 6 | | Bars Stäbe Barras | | 218 | | Weight Gewicht Peso | | 3696 Kg | | | | | | | | | |
| Requirements - Anforderungen - Exigencias | | | | | | | | | | | | Anhang I Absatz 4.3 Certificate/Zertifikat Nr. 348/2008/MUC | | | | | | | | | | | | | | | |
| EN 10.088-3.2005. EN 10.272-2007. ASTM A 182 / A 182M-13a. ASTM A 479 / A 479M-13b. 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, Parag.4.3/DGR 97/23/EG | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Melling process / Erschmelzungsart / Proceso de Fusión E.A.F. / A.O.D. | | | | | | Heat treatment / Wärmebehandlung / Tratamiento térmico 1060C 4H/Std WATER/WASSER/AGUA | | | | | | | | | | | | | | | | | | | | | |
| Solution annealed/Abgeschreckt/Hipertemple-Cold drawn/Gezogen/Estrado- | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | |
| Temperature °C 20 | | Spec. N° Probe Nr. Pro N° | | 1 | | 412 | | 501 | | 622 | | 42 | | 45 | | 73 | | 197 | | | | | | | | | |
| Min. | | | | | | 18,50 | | 2,00 | | 11,00 | | | | | | | | | | | | | | | | | |
| Max. | | 0,030 | | 1,00 | | 2,00 | | 0,045 | | 0,030 | | 18,50 | | 2,50 | | 14,00 | | 0,70 | | | | | | | | | |
| | | 0,020 | | 0,39 | | 1,74 | | 0,036 | | 0,027 | | 17,25 | | 2,00 | | 11,10 | | 0,42 | | 0,0195 | | 0,19 | | | | | |
| Visual and dimensional inspection Besichtigung und Ausmessung Control visual y dimensional | | | | O.K. | | | | Radioactivity inspection Radioaktivitätskontrolle Control de Radioactividad | | | | O.K. | | | | Antimixing test Spektroskop Verwechslungspr Antimezcla | | | | O.K. | | | | Grain Size Korngröße Tamaño de grano | | | |
| Remarks - Bemerkungen - Observaciones | | | | | | | | | | | | EDV / EDP Acc. EN 10.204 Alfredo Molina Certification Mng. | | | | | | | | | | | | | | | |
| IC test acc./IK prüfung nach ASTM A 262 E.02. OK Crack control/Rissgeprüft acc. EN 10277-1 class 2. OK | | | | | | | | | | | | Works Inspector Der Werkssachverständige Inspector de fábrica | | | | | | | | | | | | | | | |
| F9660 1/2"BSP P X 9/16" JIC M/M ADAPTOR 10K 316L | | | | | | | | | | | | | | | | | | | | | | | | | | | |