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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 - DY 14 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° | | 219246 | | Date - Datum - Fecha | | 26 - 01 - 2015 | | | | | | | |
| Our order N° Werks - Nr N° de Referencia | | 548620 | | Heat Schmelze Colada | | 381186 | | Your order N° Bestell - Nr Pedido N° | | OL6407 | | | | | | | |
| Steel Grade Werkstoff Calidad | | | | | | According to Entsprechend Corresponde | | | | | | | | | | | |
| 316-S-11 AV | | | | | | BS 970:PART 3:1991. | | | | | | | | | | | |
| Shape and Size - Gegenstad Perfil y dimensión HEXAGON 15,88 mm | | | | Tolerance - Toleranz Tolerancia h 11 /DIN 176 | | | | Bundles Bunde Bultos | | 4 | | Bars Stäbe Barras | | | | | |
| Weight Gewicht Peso | | | | | | | | | | | | 2135 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 SAE AMS 5653H-12. NACE MR-0175-2003/ISO 15156-3 2009. 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 | | | | | | | | | | | |
| E.A.F. / A.O.D. | | | | | | 1060C 4H/Std WATER/WASSER/AGUA | | | | | | | | | | | |
| 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 / Kerschlag / Resiliencia ISO V Jules | | | | | | | | |
| RD. 10,00 mm. | | Min. | 315 | 425 | 600 | 15 | | | | | | | | | | | |
| | | Max. | | | | | | | | | | | | | | | |
| Temperature °C 20 | Spec. N° Probe Nr. Pro N°. | 1 | 579 | 660 | 697 | 38 | 41 | 67 | 207 | | | | | | | | |
| | C | Si | Mn | P | S | Cr | Mo | Ni | Cu | N | Co | | | | | | |
| 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 | | | | | | | | |
| | 0,024 | 0,38 | 1,81 | 0,032 | 0,029 | 17,00 | 2,01 | 11,00 | 0,44 | 0,0225 | 0,16 | | | | | | |
| Visual and dimensional inspection Besichtigung und Ausmessung Control visual y dimensional | | | O.K. | | | Radioactivity inspection Radioaktivitätskontrolle Control de Radioactividad | | | O.K. | | | Antimizing test Spektroskop Verwechslungspr Antimezcla | | O.K. | | Grain Size Korngröße Tamaño de grano | |
| Remarks - Bemerkungen - Observaciones | | | | | | | | | | | | | | | | | |
| IC test acc./IK prüfung nach ASTM A 262 E.02. OK Crack control/Rissgeprüft acc. EN 10277-1 class 2. OK | | | | | | | | | | | | | | | | | |
| F11248 9/16" JIC Swivel Female x 1/4" NPT Male Adaptor 10K | | | | | | | | | | | | | | | | | |
| <div style="border: 2px solid red; padding: 5px; display: inline-block;"> FLOW TECHNOLOGY LTD TEST CERTIFICATE VERIFIED TRUE COPY OF ORIGINAL </div> | | | | | | | | | | | | | | | | | |
| EDV / EDP Acc. EN 10.204 Alfredo Molina Certification Mng. Wörks Inspector Der Werkssachverständige Inspector de fábrica | | | | | | | | | | | | | | | | | |