



MUSSARI S.r.l.

Traffleria tubi inox di alta precisione
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EN 10204 / 3.1
ABNAHMEPRÜFZEUGNIS
CERTIFICAT D'ESSAIS

CERTIFICATO DI COLLAUDO
Comm. Nr. 2028/17

DELIVERY BILL - Lieferchein/Bullein de Livraison/Bolla di consegna
1682

N. 2154 - 2017
DATE - Datum/Date: 25 luglio 2017

CUSTOMER ORDER N° - Bestellung/Comande Clienti/Ordre Cliente
2017141

MECHANICAL TEST Mechanische Prüfungen/Essai Mécanique/Caratteristiche meccaniche
SPECIFICATIONS Anforderungen/Spezifikationen/Normative:
ASTM A 213/289 - MSR-HP Tubes

STEEL GRADE Werkstoff/Nuance Materiale	DIMENSIONS Abmessungen Dimensioni/Dimensioni	QUANTITY Menge/Quantità/Quantité	YIELD POINT Streck-Dehngrenze Limite d'allungamento		TENSILE STRENGTH Zugfestigkeit Résistance à la traction Limite de Rupture		ELONGATION Bruchdehnung Allongement		HARDNESS Härte Durezza		TECHNOLOGICAL TEST Technologische Prüfung Essai en Technologie Prova tecnologica
			RP0.2% req.	N/mm ² result	% SI req.	% S MAX 0.23	% S MAX 0.23	% S MAX 0.23	% S MAX 0.23	% S MAX 0.23	
TP 316 - 316L	1/4" x 0.083" 6.35 x 2.10	317.53	≥ 689	785.8 777.0	≥ 758	922.5 936.4	≥ 18%	20.0 20.0	≥ 95	101,2 100,8	FLARING TEST: =
<p>REMARKS: Bemerkungen/Notes/Note nipples non kalt gezogen HART gelbzt - Tubes sans soudure étirés à froid Egout décapsé - Tubi senza saldatura trafilati a freddo CRUDI decappati</p> <p>* Only For Chemical Analysis Suitable for 60,000 Psi</p> <p>HEAT TREATMENT: N.A. Wärmebehandlung/Traitement Thermique PMI TEST on each tube: = Verweilungsprüfung/Essai P.M.I./Prova anti macchia Intergranular corrosion test acc. To ASTM Pract E Korrosionsprüfung/Resistenza all'attacco intergranulare (testi controllati): =</p>											

LOW TECHNOLOGY LTD.
TEST CERTIFICATE
VERIFIED TRUE
COPY OF ORIGINAL

100% hydrostatic pressure tested at 60,000 PSI
Wasserdruckversuch/Essai Hydraulique/Prova Idraulica
100% eddy current test acc. to ASTM A450/E426-EN 10893-1-EN 10893-2-EN10246-2 :G000
Eddy current/Courant de Foucault/Eddy Current

Visual and Dimensional control : OK
Straightness control : OK
Geometrie/Kontroll/Controlle de rectitude/Controllo rettitudine
MARKING-Kennzeichnung/Marquage/Marcatura

MSR - ASTM A213/289 - AISI 316-316L Heat No.: MSR-HP Tubes Size 1/4"x0.083" O.D.mm L.D. C.D. tubes Suit. For 60,000 PSI
We certify that the material described has been manufactured acc. With above standards and specifications and satisfies the order's requirements.
Wir bestätigen, dass die gelieferte Ware den Betriebsvorschriften entspricht/Nous attestons que les produits livrés sont conformes aux références de la commande/Attestiamo che il materiale spedito è conforme ai requisiti dell'ordine

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F133339 - 1/4" HIGH PRESSURE NIPPLE 185mm LONG 60K 316L