



36100 VICENZA (Italia) - Viale della scienza, 25 z.i.
Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4
Telephon number : 0039 (0) 444968211

QUALITY MANAGEMENT SYSTEM CERTIFIED BY LLOYD'S REGISTER

Cliente / Besteller/Purchaser/Client
VALBRUNA NORDIC AB
LOVARTSGATAN 7
65221-KARLSTAD - SWEDEN-SE

Avviso di Spedizione: D-VI15010258
Lieferanzeige/Packing list/B.L.

Certificato nr: MEST671663/2015/
Prüfung/Test/Essai

Produttore: **ACCIAIERIE VALBRUNA S.P.A.**
Hersteller/Item/Usine produtrice

Ordine nr: R31781 R31781
Bestell/Your order/Commande

Conferma ordine nr: EI15002433
Werks/Our Order/Ref nr.

Marchio di Fabbrica:
Zeichen des Lieferwerkes
Trade mark
Sigle de l'usine produtrice



Stato di fornitura: Hot rolled Descaled Annealed Hot rolled
Lieferzustand/Delivery state/Etat de livraison

Tipo di Elaborazione: E+AOD
Erschmelzungsart/Melting process/Mode d'elaboration

Punzone del Collaudatore:
Stempel des Werkssachverständigen
Inspector's stamp/Poinçon de l'essayeur

Specifiche:
Anforderungen / Requirements / Exigences

VAL STOCK 2010 1.4307/304L A
ASME SA182 2013 S30400 A (0)
ASME SA276 2013 S30400 A (3)
ASME SA479 2013 S30400 A (6)
ASTM A182 2014A S30403 A (9)
ASTM A276 2013A S30400 A
ASTM A479 2014 S30400 A
EN 10088-3 2005 1.4301 A
EN 10272 2007 1.4307 A
NACE MR0175 2009 S30400 A (A)

ASIS 304
ASME SA182 2013 S30403 A (1)
ASME SA276 2013 S30403 A (4)
ASME SA479 2013 S30403 A (7)
ASTM A193 2011A B8 CLASS1
ASTM A276 2013A S30403 A
ASTM A479 2014 S30403 A
EN 10088-3 2005 1.4307 A
NACE MR0103 2010 S30400 A
NACE MR0175 2009 S30403 A (B)

AISI 304L
ASME SA193 2013 B8 CLASS1 (2)
ASME SA320 2013 B8 CLASS1 (5)
ASTM A182 2014A S30400 A (8)
ASTM A262 2013 PRACTICE E
ASTM A320 2011A B8 CLASS1
DIN 17440 96 1.4301 A
EN 10272 2007 1.4301 A
NACE MR0103 2010 S30403 A

(0) SECTION II PT.A 2013 EDITION
(1) SECTION II PT.A 2013 EDITION
(2) SECTION II PT.A 2013 EDITION
(4) SECTION II PT.A 2013 EDITION
(6) SECTION II PT.A 2013 EDITION
(8) For products machined directly from bar refer also
(9) For products machined directly from bar refer also
(A) ANSI/NACE MR0175/ISO 15156-3, second edition 2009-10-15
(B) ANSI/NACE MR0175/ISO 15156-3, second edition 2009-10-15

(0) For products machined directly from bar refer to ASME SA479.
(1) For products machined directly from bar refer to ASME SA479.
(3) SECTION II PT.A 2013 EDITION
(5) SECTION II PT.A 2013 EDITION
(7) SECTION II PT.A 2013 EDITION
(8) to ASTM A479.
(9) to ASTM A479.
(A) Technical circular 1:2011 Published 2011-06-14
(B) Technical circular 1:2011 Published 2011-06-14

Qualità: 1.4301/1.4307/304/304L
Werkstoff/Grade/Nuance

Marca: Markenbezeichnung Brand/Nuance	AISS	Tolleranza: Tol. DIN 1017 Tolleranz/Allowance/Tolerance	Punzonatura: 1.4301/7/304/L Kennzeichnung/Marking/Marquage						
Pos. nr. Pos. nr. Item nr. Nr. de poste	Oggetto Gegenstand Product description Descrip. du produit	Dimensioni - mm Abmessungen Dimension Dimension	Lunghezza - mm Länge Length Longueur	Colata Schmelze Heat Coulée	Pezzi Stückzahl Pieces Pieces	Peso - KG Gewicht Weight Poids	Lotto nr. Losnr. Lot nr. Lot nr.		
0060	Flat	50,000 x 20,000	6000 / 6125	266916		1368,0	503504531		

TEST ALLO STATO DI FORNITURA																
Test on delivery condition Prüfung auf lieferbarem produkt test a l'etat de fourniture Prueba sobre el material así como entregado																
TEST	Provetta/Probetab Specimen/Eprouvette Larg diam Spessa Breite Diam. Dicke Width Diam. Thickness Larg. diam. epais mm	°C	Posiz. Saggio Probenage Location Emplacement 1)	Snervamento Streckgrenze Yield Stress Limite elastique Rp 0,2% N/mm2	Snervamento Streckgrenze Yield Stress Limite elastique Rp 1% N/mm2	Resistenza Zugfestigkeit Tensile strength Resistance à traction Rm N/mm2	Allungamento Bruchdehnung Elongation Allongement A5 % E 4d %		Strizione Einschnürung Reduction of area Striction Z % RA %		Resilienza Kerbschlagarbeit Impact Value Resilience KV J			Durezza Haerte Hardness Durete HB		
	Valori richiesti 1 Anforderungen/Required values Valeurs demandées	min max		205	230	515 680	45	40	-	50	100			- 215		
	A	10	20	L	323	370	632	50	53	71	71	230	234	237	186	
TEST						min	max									
A	Grain size for ASTM E112							6								

1)L=longitudinale/längs, T=trasversale/quer, Q=Tangenziale/tangential

Analisi chimica

Chemische Zusammensetzung/Chemical Analysis/Analyse chimique

Colata /Heat Schmelze/Coulée	min - max 0,030	- 1,00	- 2,00	18,00 19,50	8,00 10,00	- 0,045	- 0,030	- 0,100	- -	- -	- -	- -	- -	- -
	C %	Si %	Mn %	Cr %	Ni %	P %	S %	N %						
266916	0,024	0,40	1,66	18,18	8,00	0,035	0,024	0,085						

Intergranular corrosion test per ASTM A262 pract. E: ok.
Absence of cracks at 20 x magnification after bend test.
I.Korrosion nach EN ISO 3651-2A Sensibilisierung : T1 : OK

Vicenza,08/04/15 VCQ008 (Mod. MCE2)	Il collaudatore di stabilimento / der Werkssachverständige / Works inspector / L'agent d'usine M. Rizzotto	Pagina - 1 di 2
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Corrosion test per EN ISO 3651-2A sensitized T1 : OK
Reduction ratio = 32,4 : 1

Sono state soddisfatte tutte le condizioni richieste
Die gestellten Anforderungen sind it. Anlage erfüllt
The material has been furnished in accordance with the requirements
Le materiel a été trouvé conforme aux exigences

Controllo antimescolanza: OK
Verwechslungsprüfung: spectralanalytisch durchgeführt
Antimixing testing performed: OK
Contrôle antimélange fait: r a s

Controllo visivo e dimensionale: soddisfa le esigenze
Besichtigung und Ausmessung: ohne Beanstandung
Visual inspection and dimensional checks: satisfactory
Contrôle visuel et dimensions: satisfaisant

Melted and manufactured in Italy No welding or weld repair Material free from Mercury contamination
We declare that the finished product is checked for radioactive contamination through Portal System when it leaves the production plant.
The Quality Management System is Certified acc. Pressure Equipment Directive [97/23/EC] Annex 1,s.,4.3 by TUEV and LLOYD' S

Any act of tampering, modification, alteration, counterfeiting and/or falsification and/or any other action which modifies the contents of this test certificate shall constitute a violation of applicable civil and criminal laws. Acciaierie Valbruna shall protect its rights and interests before any competent court, authority and jurisdiction.

The supplied product conforms to requirements expressly requested by the purchaser and conforms to requirements specified by certified norms and standards. Should the product be used for more severe, critical and/ or in any case different applications than those the material is generally intended for, any different and/or supplementary requirements shall be specifically demanded, at least, upon order of the Product by the Purchaser. Acciaierie Valbruna SpA shall not be responsible for any improper use of the Products.

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Zeichen des Lieferwerkes
Trade mark
Sigle de l' usine productrice

Punzone del Collaudatore:
Stempel des Werkssachverständigen
Inspector's stamp/Pointon de l' assesseur



Vicenza, 08/04/15

VCQ008
(Mod. MCE2)

Il collaudatore di stabilimento / der Werkssachverständige / Works inspector / L' agent d' usine

M. Rizzotto

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