

257322

# Acciaierie Valbruna S.p.A.



QUALITY MANAGEMENT SYSTEM CERTIFIED BY DNV GL

## CERTIFICATO DI COLLAUDO ABNAHMEPRUEFZEUGNIS INSPECTION CERTIFICATE CERTIFICAT DE RECEPTION EN 10204 (2004), 3.1

39100 VICENZA (Italia) - Viale della scienza, 25 z.l.  
Stab.: 39100 BCLZANO (Italia) - Via A. Volta, 4

Clienti / Kunden / Clients  
VALBRUNA STAINLESS INC.  
2400 TAYLOR STREET WEST  
48801-PORT WAYNE, IN 48801-US

Produttore: ACCIAIERIE VALBRUNA S.P.A.  
Hersteller: Valbruna S.p.A.

Stato di fornitura: - Annata di FORGED  
Lieferzustand: - Annata di FORGED

Specifiche:  
Anforderungen / Requirements / Spécifications

V8I 0318/316L A  
AMS 5958 F S31603 A  
ASME SA193 2010 B8M CLASS1 (1)  
ASME SA473 2010 S31600/03 A (4)  
ASTM A282 2010 PRACTICE E  
ASTM A320 2011 B8M CLASS1  
ASTM A473 2011 S31600/03 A  
QQ-S-789 F S16/316L A

Avviso di spedizione: D-VI12014883  
Lieferungsauftrag: D-VI12014883

Ordine nr: 31480 STOCK OHINO  
Bestellnummer: 31480

Tipo di elaborazione: E+AQD  
Erweiterung: E+AQD

Certificato nr: MEST199737/2012/  
Zertifikatsnummer:

Conferma ordine nr: E11 1008474  
Bestellbestätigung:

Marchio di fabbrica:  
Zufluss des Lieferanten:  
Typische Maß:  
Größe des Produktes

Funzione del Collaudatore:  
Funktion des Werkprüfingenieur:  
Inspektor / Agent d'usine



AMS 5958 F S31603 A  
ASME SA193 2010 B8M CLASS1 (1)  
ASME SA473 2010 S31600/03 A (4)  
ASTM A282 2010 PRACTICE E  
ASTM A320 2011 B8M CLASS1  
ASTM A473 2011 S31600/03 A  
NACE MR0175 2008 S31600/03 A (7)

- (0) SEC. II PT.A 2010 EDITION ADD. 2011a
- (1) SEC. II PT.A 2010 EDITION ADD. 2011a
- (2) SEC. II PT.A 2010 EDITION ADD. 2011a
- (3) For products machined directly from bar refer to ASTM A473.
- (4) For products machined directly from bar refer to ASTM A473.
- (5) For products machined directly from bar refer to ASTM A473.
- (6) For products machined directly from bar refer to ASTM A473.
- (7) ANS/NACE MR0175/ISO 15156-3, second edition 2009-10-15

- (0) For products machined directly from bar refer to ASME SA473.
- (1) SEC. II PT.A 2010 EDITION ADD. 2011a
- (2) SEC. II PT.A 2010 EDITION ADD. 2011a
- (3) SEC. II PT.A 2010 EDITION ADD. 2011a
- (4) SEC. II PT.A 2010 EDITION ADD. 2011a
- (5) Chemical analysis only.
- (7) Technical circular 12011 Published 2011-06-14

Qualità: 316/316L

Pos. Nr. Pos. Nr. No. de pozitie	Objetto Objekt Obiect	Dimensioni - In Abmessungen Dimensiuni	Lunghezza - In Länge Lungime	Colore Farbe Culoare	Pezzi Stückzahl Piese	Peso - LB Gewicht Pondere	Lotto Nr. Lose Lot nr.
0040	Round	16,1683	138 / 142	257322		14.817	128405370

### TEST ALLO STATO DI FORNITURA

TEST	Prova di Prova Prüfung Proba	°F	Prova di Prova Prüfung Proba	Garanzamento Garantie Garantia	Resistenza Festigkeit Rezistență	Alungimento Dehnung Alungirea	Strizione Zugverspannung Strucțiune	Resilienza Zugverspannung Rezistență	Durezza Härte Dureza
A	12.5	88	L	98	83	68	70	168	229

Mechanical properties according to ASTM A970.

### Analisi chimica

Colore Steel Farbe Stahl	min. max.	1.00	1.20 2.00	18.00 18.00	2.00 3.00	1.00	10.00 14.00	-	0.040	0.025 0.030	0.100	-	-	-	-
C %	Si %	Mn %	Cr %	Mo %	Cu %	Ni %	Co %	P %	S %	N %	-	-	-	-	-
257922	0.016	0.35	1.72	18.67	2.04	0.61	10.02	0.099	0.032	0.028	0.087	-	-	-	-

Produced without class I-II Ozone depleting substances.  
Solution heat treated free from continuous carbide network.  
Annealing temperature: 1840 °F for 10 h/water.  
Micro and macro etch test OK  
Reduction ratio > 4 : 1  
Intergranular corrosion test per ASTM A282 pract. E1 ok.  
Material is DPARS Compliant

Vicenza, 16/05/12 Vicepräsident Prod. MCEB	Il collaudatore di stabilimento / der Werkprüfingenieur / Works Inspector / L'agent d'usine M. Rizzotto	Pagina - 1 di 2
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From: Copper and Brass Sales CA  
Cust. TECHNORX INC  
CstAr  
Wgt.: 427 LB

Del.: 2402943870  
CstOr 189613  
Date 02/03/2014

*John R. Zambetti*

# Acciaierie Valbruna S.p.A.



CONFORMITÀ CON I REQUISITI  
DEI SISTEMI DI GESTIONE QUALITÀ

## CERTIFICATO DI COLLAUDO ABNAHMEPRÜFZEUGNIS INSPECTION CERTIFICATE CERTIFICAT DE RECEPTION EN 10204 (2004) , 3.1

35100 VICENZA (Italia) - Viale della scienza, 25 z.l.  
Sede: 39100 BOLZANO (Italia) - Via A. Volta, 4  
Clienti / Kunden: **VALBRUNA STAINLESS INC.**  
2400 TAYLOR STREET WEST  
48801-FORT WAYNE, IN 48801-US  
Produttore: **ACCIAIERIE VALBRUNA S.P.A.**  
Hersteller: Valbruna Industrie

Avviso di Spedizione: D-VI12014865  
Lieferung/Fracht Nr.:

Ordine nr. 81480 STOCK CHINO  
Bestell-Nr. oder Warenrang:

Tipo di Elaborazione: E+AOD  
Erzeugnisbezeichnung: Erg. Produkt/Mod. d. Erzeugung:

Controllo antipneumatico/wat OK  
Vorprüfung auf Leckage/Leckprüfung durchgeführt  
Air leakage testing performed: OK  
Leckprüfung durchgeführt: OK

Certificato nr: MEST198787/2012/  
Prüfung/Nr.:

Confirma ordine nr: E211008474  
Werkstatt/Order/Nr.:

Materiale di Rifornimento:  
Zusatz zum Auftragsmaterial  
Träger/Träger  
Stoff der F. oder Produkt

Funzione del Collaudatore:  
Prüfung des Werkstoffzustandes  
Inspektion a carico/Prüfung des F. Zustandes

Controllo visivo e dimensionale soddisfa le esigenze  
Sichtprüfung und Abmessung des Bestandes  
Visual inspection and dimensional check satisfactory  
Completamente soddisfatto

Stato di fornitura: Annealed FORGED  
Lieferungszustand: Lieferzustand

Sono state soddisfatte tutte le condizioni richieste  
Die geforderten Anforderungen sind erfüllt  
The material has been furnished in accordance with the requirements  
Le Anforderungen sind erfüllt

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 (PED/2010/27/EU) Annex 1, 4.4.3 by TÜV 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 non-specified, 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 S.p.A. shall not be responsible for any improper use of the Product.

Vicenza, 16/05/12 v00000 (Mod. NCEM)	Il collaudatore di stabilimento / der Werkstoffprüfstellen / Werkstoffprüfer / L' agente di usina M. Rizzotto	Pagina - 2 di 2
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