



# Acciaierie Valbruna S.p.A.

36100 VICENZA (Italia) - Viale della scienza, 25 z.l.  
 Telefono 0444.968211 - Fax 0444.968836  
 Stab.: 39100 BOLZANO (Italia) - Via A. Volta 4/37  
 Telefono 0471.924111 - Fax 0471.924497

## CERTIFICATO DI COLLAUDO - ABNAHMEPRUEFZEUGNIS - INSPECTION CERTIFICATE - CERTIFICAT DE RECEPTION

In conformità a: EN 10204 (2004), 3.1 / ISO 10474 (2013), 3.1  
 Nach/According to/Selon

Certificato nr. MEST249606 / 2018 /  
 Prüfung/Test/Essai

Cliente / Besteller/Purchaser/Client  
**VALBRUNA CANADA LTD**  
 8724 HOLLGATE CRESCENT  
 L5T 5Z1 - MILTON, ONT L5T 5Z1 - CA

Stato di fornitura: Forged - Annealed FORGED  
 Lieferzustand  
 Delivery state  
 Etat de livraison

Produttore:  
 Hersteller/Item/Usine productrice

**ACCIAIERIE VALBRUNA S.P.A.**

Ordine nr: 802006870 Replacement sto  
 Bestel /  
 Your order  
 Commande

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

Marchi di Fabbrica:  
 Zeichen des Lieferwerkes  
 Trade marks  
 Sigles de l'usine productrice



Conferma ordine nr: EI18002298  
 Works/Our Order/Ref. nr.

Qualità: 316/316L  
 Werkstoff/Grade/Nuance

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

MR

Avviso di Spedizione: D-VI18014535  
 Lieferanzeige/Packing list/B.L.

Marca: APM L  
 Markenbezeichnung  
 Brand / Nuance

Punzonatura: 316/316L  
 Kennzeichnung  
 Marking  
 Marqueage

### SPECIFICHE :

Nota:

Anforderungen / Requirements / Exigences

Abzeichnungen / Notes / Notes

VSI 0 316/316L A  
 AISI 316/316L  
 AMS 5648 M S31600 A  
 AMS 5653 H S31603 A  
 AMS-QQ-S-763 D 316/316L A  
 ASME SA182 2017 S31600/03 A (0)  
 ASME SA193 2017 B8M CLASS 1 (1)  
 ASME SA276 2017 S31600/03 A (2)  
 ASME SA320 2017 B8M CLASS1 (3)  
 ASME SA479 2017 S31600/03 A (4)  
 ASTM A182 2016 S31600/03 A (5)  
 ASTM A193 2016 B8M CLASS 1  
 ASTM A262 2015 PRACTICE E  
 ASTM A276 2017 S31600/03 A  
 ASTM A314 2015 S31600/03  
 ASTM A320 2017A B8M CLASS1  
 ASTM A370 2017  
 ASTM A473 2001 S31600/03 (6)  
 ASTM A479 2018 S31600/03 A  
 MIL-S-862 B/1 316/316L  
 NACE MR0103 2015 S31600/03 A (7)  
 NACE MR0175 2015 S31600/03 A (8)  
 QQ-S-763 F 316/316L A

(0)Section II Part A 2017 EDITION For products machined directly from bar refer to ASME SA479.  
 (1)Section II Part A 2017 EDITION  
 (2)Section II Part A 2017 EDITION  
 (3)Section II Part A 2017 EDITION  
 (4)Section II Part A 2017 EDITION  
 (5)For products machined directly from bar refer also to ASTM A479.  
 (6)Chemical analysis only.  
 (7)ANSI/NACE MR0103/ISO 17845 November 23, 2015  
 (8)ANSI/NACE MR0175/ISO 15156-3, third edition November 23, 2015

Tolleranza: ASTM A484-16 TABLE 3

Tolerance/Allowance/Tolerancia

Pos. nr. Pos. nr. Item no. Nr. de piece	Oggetto Gegenstand Product description Description de produit	Dimensioni - In Abmessungen Dimension Dimension	Lunghezza - In Länge Length Longueur	Colata Schmelze Heat Coulée	Pezzi Stückzahl Pieces Pièces	Peso - LB Gewicht Weight Poids	Lotto nr. Lohn Lot no. Lettre
0070	Round	8,5000	233/ 233	277051	1	3,867	802510710

P.O.#: P119789  
 R#: R155648  
 ITEM#: 509378  
 HEAT#: 277051  
 BRANCH#: 875

Vicenza, 18/05/18

VCC008 - MEST249606

(Mod. MCE2)

Il collaudatore di stabilimento / der Werkstoffverständige / Works Inspector / L'agent d'usine

M. RIZZOTTO *[Signature]*

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Scanned 7/25/2019

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Provided by: ENCORE METALS DIVISION OF RMCI





# Acciaierie Valbruna S.p.A.

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ACCIAIERIE VALBRUNA S.P.A.

Ordine nr: 802006870 Replacement sto  
 Bestell  
 Your order  
 Commande

Tipo di Elaborazione E+AOD  
 Erhmelzungsart  
 Melting process  
 Mode d'elaboration

Marchi di Fabbrica:  
 Zeichen des Lieferwerkes  
 Trade marks  
 Signes de l'usine productrice



Conferma ordine nr: E118002298  
 Works/Our Order/Ref nr.

Qualità: 316/316L  
 Werkstoff/Grade/Nuance

Punzone del Collaudatore:  
 Stempel des Werksachverständigen  
 Inspector's stamp/Pointon de l'essayeur

MR

Avviso di Spedizione: D-VI18014535  
 Lieferanzeige/Packing list/B.L.

Marca: APLM  
 Markenbezeichnung  
 Brand / Nuance

Punzonatura: 316/316L  
 Kennzeichnung  
 Marking  
 Marquage

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.

QUALITY MANAGEMENT SYSTEM CERTIFIED BY LLOYD'S REGISTER ACCORDING TO ISO 9001 : 2015, IATF 16949 : 2016, AS 9100D

The Quality Management System is Certified acc. Pressure Equipment Directive [97/23/EC] Annex 1, s. 4.3 and 2014/68/EU 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.  
 Maximal and/or Valplus grades/products are manufactured with ladle techniques to control composition, distribution, size and shape of non-metallic inclusions for improved machinability.

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.

Provided by: ENCORE METALS DIVISION OF RMCL

Vicenza, 18/05/18

VCC008 - MEST249606

(Mod. MGE2) WSP/21/2012/1/10/01/0001/01/2013/02/01

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

M. RIZZOTTO

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