



562-692-5911  
 562-695-2323 (fax)  
 la.sales@mcmaster.com



<b>Purchase Order</b> PO26091612	<b>Order Date</b> 3/2/2026	<b>Placed By</b> Christopher Berger	<b>McMaster-Carr Number</b> 3556214-01	<b>Number of Certificates</b> 1
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Line	Product	Ordered	Status	Certificate
3	90278A725 18-8 Stainless Steel Precision Shoulder Screw, 3.5mm Shoulder Diameter, 4mm Shoulder Length, M2.5 x 0.45mm Thread	1 each	1 each delivers March 3	293-3322



36100 VICENZA (Italia) - Viale della scienza, 25 z.i.  
 Telefono 0444.968211 - Fax 0444.963836  
 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**

Certificato nr. **MEST114205 / 2022 /**  
 Prüfung/Test/Essai

Cliente / Besteller/Purchaser/Client  
**RICHARD MANNO & CO. INC.**  
 42 LAMAR STREET  
 11704 - WEST BABYLON, NY - US

Stato di fornitura: **Hot rolled - Annealed Cold Drawn**  
 Lieferzustand  
 Delivery state  
 Etat de livraison

Produttore:  
 Hersteller/Item/Usine productrice

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

Ordine nr: **VSL2022-335**  
 Bestell  
 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: **EI22008306**  
 Werks/Our Order/Ref nr.

Qualità: **1.4305/303**  
 Werkstoff/Grade/Nuance

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

**MR**

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

Marca: **VPAU188Z (VALPLUS)**  
 Markenbezeichnung  
 Brand / Nuance

Punzonatura: **1.4305/303**  
 Kennzeichnung  
 Marking  
 Marquage

SPECIFICHE :	Note:
Anforderungen / Requirements / Exigences	Auzeichnungen / Notes / Notes
AL STOCK A 1.4305/303 A,CF AISI . 303 A ASTM A370 2021 . ASTM A582 2021 S30300 A EN 10088 PART 3 2014 1.4305 A,CF ISO 6892-1 2019 . QQ-S-764 B/2 303 A	

Tolleranza: h9 - DIN671/EN10278

Pos. nr. Pos. nr. Item nr. Nr. de poste	Oggetto Gegenstand Product description Descript. du produit	Dimensioni - In		Lunghezza - In Länge Length Longueur	Colata Schmelze Heat Coulée	Pezzi Stückzahl Pieces Pièces	Peso - KG Gewicht Weight Poids	Lotto nr. Lostr. Lot nr. Lot nr.
		Abmessungen Dimension Dimension	Abmessungen Dimension Dimension					
0030	Round	0,2500 ( $\phi 6.35$ )		119/ 119	436218		1932,0	208807050

**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

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

TEST	Provetta/ Probestab Specimen/Eprouvette Larg.diam Specs. Breite Diam. Dicke Width Diam. Thickness Larg. diam. epais mm	°F	Posiz. Saggio Probenage Location Emploiment 1)	Snervamento Streckgrenze Yield Stress Limite elastique Rp 0,2% k.s.i.	Snervamento Streckgrenze Yield Stress Limite elastique Rp 1% k.s.i.	Resistenza Zugfestigkeit Tensile strength Resistance à traction Rm k.s.i.	Allungamento Bruchdehnung Elongation Allongement A5 %	Strizione Einschnürung Reduction of area Striction Z %	Resilienza Kerbschlagarbeit Impact Value Resilience	Durezza Härte Hardness Dureté HB
Valori richiesti Anforderungen/Required values Valeurs demandées		min max		28	33	73 138	20	-	-	-
A	6,35	68	L	106	114	123	20	36		260

**Test on delivery condition per ASTM A370**

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

TEST	Provetta/ Probestab Specimen/Eprouvette Larg.diam Specs. Breite Diam. Dicke Width Diam. Thickness Larg. diam. epais mm	°F	Posiz. Saggio Probenage Location Emploiment 1)	Snervamento Streckgrenze Yield Stress Limite elastique Rp 0,2% k.s.i.	Snervamento Streckgrenze Yield Stress Limite elastique Rp 1% k.s.i.	Resistenza Zugfestigkeit Tensile strength Resistance à traction Rm k.s.i.	Allungamento Bruchdehnung Elongation Allongement E 4d %	Strizione Einschnürung Reduction of area Striction RA %	Resilienza Kerbschlagarbeit Impact Value Resilience	Durezza Härte Hardness Dureté HB
Valori richiesti Anforderungen/Required values Valeurs demandées		min max		-	-	-	-	-	-	-
B	6,35	68	L	106		122	22	31		261

Mechanical properties according to ASTM A370.

Tensile testing according to ISO 6892-1

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

Vicenza, **04/11/2022**  
 VCCQ12 - MEST114205

Direzione Qualità  
 Qualitätsmanagement/Quality Management/Gestion Qualité  
**R.BERTELLI**

Direzione Prodotto  
 Produktmanagement/Product Management/Direction Produit  
**P.MESSORI**

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# Acciaierie Valbruna S.p.A.

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 Werkstoff/Grade/Nuance

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 Stempel des Werksachverständigen  
 Inspector's stamp/Poinçon de l'essayeur

MR

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

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### Analisi chimica

Chemische Zusammensetzung/Chemical Analysis/Analyse chimique

Colata /Heat Schmelze/Coulée	min max	0,100	1,00	2,00	17,00 19,00	0,60	1,00	8,00 10,00	0,045	0,15 0,35	0,100	-	-	-	-
	C %	Si %	Mn %	Cr %	Mo %	Cu %	Ni %	P %	S %	N %					
436218	0,026	0,64	1,80	17,35	0,54	0,61	8,34	0,030	0,30	0,021					

Reduction ratio = 657,2 : 1  
 Material annealed 1060°C for 135'(total time)/water cooled.  
 SURFACE QUALITY COMPLIANT TO EN 10088-3 TAB.1 COND. 2H  
 "MATERIAL IS DFARS COMPLIANT"  
 Material is DFARS Compliant

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 matériel a été trouvé conforme aux exigences

Controllo antimescolanza con tecnica XRF/OES portatile : OK  
 Verwechslungsprüfung: durch XRF/OES Gerät geführt : OK  
 Antimixing testing performed with XRF/OES portable : OK  
 Contrôle antimélange svr technique XRF/OES portable : OK

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

Melted, poured 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 by the portal system when it leaves the production plant.

The Quality Management System is also Certified according Pressure Equipment Directive 2014/68/EU Annex 1, chapt.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.

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.

VSP4A3817D2652702703835F80668229F58



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

Vicenza, 04/11/2022

Direzione Qualità  
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Direzione Prodotto  
 Produktmanagement/Product Management/Direction Produit

VCQ012 - MEST114205

R. RERTELLI

P. MESSORI

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