



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

In conformità a : EN 10204 (2004) , 3.1 / ISO 10474 (2013) , 3.1

Certificato nr. MEST220895 / 2018 /

Nach/According to/Selon

Prüfung/Test/Essai

Cliente / Besteller/Purchaser/Client
VALBRUNA U.K. LTD.
OLDBURY ROAD
B70 9BH - WEST BROMWICH B70 9BH GB - GB

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

Produttore :
 Hersteller/Item/Usine productrice

Ordine nr: 801053884 Sheffield
 Bestell
 Your order
 Commande

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

ACCIAIERIE VALBRUNA S.P.A.



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

Conferma ordine nr: SP18000079
 Werks/Our Order/Ref nr.

Qualità: N06625/NA21
 Werkstoff/Grade/Nuance

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

MR

Avviso di Spedizione: D-VI18008509
 Lieferanzeige/Packing list/B.L.

Marca: GL3
 Markenbezeichnung
 Brand / Nuance

Punzonatura: N06625/NA21
 Kennzeichnung
 Marking
 Marquage

SPECIFICHE :

Note:

Anforderungen / Requirements / Exigences

Aufzeichnungen / Notes / Notes

AMS 5666 G N06625 A
 ASME SB446 2015 N06625 GRADE1 (0)
 ASME SB564 2015 N06625 A (1)
 ASTM B446 2003 N06625 GRADE1
 ASTM B564 2017A N06625 A (2)
 BS 3076 89 NA 21 A,HW
 NACE MR0103 2010 N06625 A
 NACE MR0175 2015 N06625 A (3)

(0)SECTION II PT.B 2015 EDITION
 (1)SECTION II PT.B 2015 EDITION Chemical analysis only and mechanical properties.
 (2)Chemical analysis and mechanical properties only.
 (3)ANSI/NACE MR0175/ISO 15156-3, third edition November 23,2015

FLOW TECHNOLOGY LTD
TEST CERTIFICATE
VERIFIED TRUE
COPY OF ORIGINAL

Tolleranza: k12

Tolleranza/Allowance/Tolerance

Pos. nr. Pos. nr. Item nr. Nr. de poste	Oggetto Gegenstand Product description Descrip. du produit	Dimensioni - mm		Lunghezza - mm	Colata	Pezzi	Peso - KG	Lotto nr.	
		Abmessung Dimension Dimension		Länge Length Longueur	Schmelze Heat Coulée	Stückzahl Pieces Pieces	Gewicht Weight Poids	Losnr. Lot nr. Lot nr.	
0030	Round	55,000		4550/ 5540	305820	2	203,0	713012064	

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/ Probtestab Specimen/Eprouvette Larg diam Spess. Breite Diam. Dicke Width Diam. Thickness Larg. diam. epais mm	°C	Posiz. Saggio Probenlage Location Emplacement 1)	Snervamento	Snervamento	Resistenza	Allungamento		Strizione		Resilienza		Durezza	
				Streckgrenze Yield Stress Limite elastique Rp 0,2%	Streckgrenze Yield Stress Limite elastique Rp 1%	Zugfestigkeit Tensile strength Resistance à traction Rm	A5 %	E 4d %	Z %	RA %	Kerbschlagarbeit Impact Value Resilience	HB		
Valori richiesti		min max		415	455	830	30	30	-	-	-	-	-	287
A	10	20	L	439	473	882	49	52	62	62			219	

Test On Delivering Condition

Test on delivery condition / Prüfung auf lieferbarem produkt / Test a l'etat de fourniture / Prueba sobre el material así como entregado

TEST		min	max
A	HRc		35,0
			19,0

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		min	max
A	Grain size for ASTM E112	5	5

Analisi chimica

Chemische Zusammensetzung/Chemical Analysis/Analyse chimique

Colata /Heat Schmelze/Coulée	min REM max -	-	-	-	20,00 23,00	8,00 10,00	58,00	-	1,000	0,40	0,40	0,015	0,015	5,00	0,0500	-
	Ni %	C %	Si %	Mn %	Cr %	Mo %	Ni %	Co %	Ti %	Al %	P %	S %	Fe %	Ta %		
305820	REM	0,014	0,32	0,18	21,45	8,40	61,09	0,013	0,21	0,26	0,008	0,001	4,43	0,0085		

Vicenza, 21/03/18

VCQ008 - MEST220895

(Mod. MCE2) WSP9778F071C5E44768B76CDD09FA44A9B6

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

M.RIZZOTTO

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Colata /Heat Schmelze/Coulée	min	3,150	3,150	-	-	-	-
	max	4,150	4,150	-	-	-	-
	Cb(Nb)%		Nb%+Ta%				
305820	3,500		3,509				

Reduction ratio = 76,7 : 1
 Annealing temperature 1020° C for 1.5h/water.

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 à été trouvé conforme aux exigences

Controllo antimescolanza: OK

Verwechslungsprüfung: spectralanalytisch durchgeführt
 Antimixing testing performed: OK
 Contrôle antimelange 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.

QUALITY MANAGEMENT SYSTEM CERTIFIED BY LLOYD'S REGISTER ACCORDING TO ISO 9001 : 2008, IATF 16949 : 2016, AS 9100C

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.

Maxival 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.

F14065
1" Medium Pressure Male x M42 x 2 Male Adaptor 10K Alloy 625

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