

INSPECTION CERTIFICATE 3.1

FILE: AA10M10000000BA-C2-IT

TYPE 3.1 EN10204	NUMBER 15031-0	DATE 21-05-15	ARTICLE CODE AA10M10000000BA
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 WZN M.10 Lot C2	ARTICLE DESCRIPTION DIN580:2010/C15E M.10 WZN SAFETY-EN2066/42/CE WLL Kg 230				
	STANDARD/TABLE/DWG DIN580:2010	DIMENSION / THREAD M.10	BODY 10	LOT IDENTIFICATION C2 (2015)	MATERIAL C15E+AI
	HEADMARK W	SURFACE TREATMENT WZN ZINCAT. GALV. BIANCA / WHITE ZINC PLATED			
	NOTES				



CHEMICAL COMPOSITION OF THE MATERIAL: C15E+AI - DIN 1.1141 - EN 10084

C	Si	Mn	P	S	AI				
0,160	0,230	0,480	0,015	0,009	0,029				
MIN 0,100	MAX 0,200	MIN 0,000	MAX 0,430	MIN 0,260	MAX 0,640	MIN 0,000	MAX 0,040	MIN 0,000	MAX 0,040
						MIN 0,025	MAX 0,050		

MECHANICAL PROPERTY - TESTS ON SPECIMEN

RP 0,2% = N/mm2 (MPA) 276
R = N/mm2 (MPA) 434

Notes:

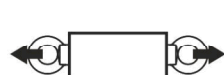
ADDITIONAL TESTS

Charpy impact test - value K1 = 62 Joule (Test performed at temperature of -20° C)

Spectrographic inspection - austenitic and ferritic grain size found: 6 (Minimum value required: 5)

MECHANICAL PROPERTY TEST MADE BY LABORATORY ON FINISHED PRODUCTS

AXIAL TENSILE TEST:

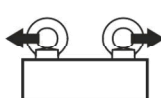


Minimum acceptable value: KN 13,5 (WLL x 6)

Result of first test **KN 25,0**

Result of second test **KN 25,0**

90° TENSILE TEST:



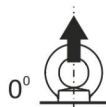
Minimum acceptable value: KN 6,7 (WLL x 6)

Result of first test **KN 11,0**

Result of second test **KN 11,0**

Notes: The tests have been performed to breaking of the part.

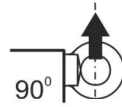
Permissible Working Load Limit at straight lifting


WLL
(Working Load Limit)
KG 230

Permissible Working Load Limit at 45° lifting


WLL
(Working Load Limit)
KG 170

Permissible Working Load Limit at 90° lifting


WLL
(Working Load Limit)
KG 115


DECLARATION OF ORIGIN:

This product is 100% ITALIAN ORIGIN (PREFERENTIAL origin status - CE/1207/2001 - CE/1617/2006)
100% MADE IN ITALY (EUR 1 / EUR-MED)

We declare that the product has been introduced to the market in compliance with the technical standard and the Machinery Directive 2006/42/CE - Lifting accessories.

MACHINERY DIRECTIVE
2006/42/CE
LIFTING ACCESSORIES


The product is marked with following details:

the manufacturer's headmark, the CE mark, the Working Load Limit (WLL) for straight vertical lifting, the thread size, the type of material and the lot number.

Every package provides a MINICERT-Label and every package contains the mandatory instructions for safe product use.

You can request a copy of En10204 3.1 certificate (this certificate) at www.mecwolf.it otherwise you can request it by email free of charge at certify@wolf.it

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DIRECTOR