McMASTER-CARR®

Certificate

330-995-5500
330-995-9600 (fax)
cle.sales@mcmaster.com

Purchase Order	Order Date	Placed By	McMaster-Carr Number	Number of Certificates
P1562512	1/30/2026	Jonathan Wood	1980035-01	1

Line		Product	Ordered	Status	Certificate
4	93496A029	Silicon Bronze Split Lock Washer for 1/4" Screw Size, 0.26" ID, 0.487" OD	1 pack	1 pack delivers February 2	282–9742

Your order is subject only to our terms and conditions, available at www.mcmaster.com or from our Sales Department.

STAR STAINLESS

SUPPLIER # G-185

INSPECTION CERTIFICATE AND TEST REPORT

INSPECTION CERTIFICATE

according to EN 10204 3.1

Modello Q125
Draft by GNT
Approved by PLO
Date 1° issue. 15/09/2014
Rev. N° 0 Date 15/09/2014

CERTIFICATE N° - PAGE N°	CUSTOMER'S CODE AND NAME	CUSTOMER'S ORDER NUMBER
001/82674 1	044392 STAR STAINLESS SCREW CO.	205401 12/09/2024

ITEM NUMBER	ITEM DESCRIPTION
006309 A	1/4 MED SPLIT LW ASME B 18.21.1 SILICON BRONZE

ARTICLE BATCH NUMBER	BATCH'S NUMBER OF PIECES	CUSTOMER'S PART NUMBER
72673/1	24000	8-L-25

PACKING LIST NUMBER	SURFACE TREATMENT DESCRIPTION + CODE	COUNTRY OF ORIGIN
101541 31/10/2024	01 Raw	Italy

CODE	▽	CHECKED DIMENSIONS	UNIT OF MEASUREMENT	REQUIREMENTS	ACTUAL VALUE
DI		Inner diameter	mm	6.40 - 6.60	6.50 - 6.58
DG		Maximum outside diameter of spring lock washers	mm	<=12.36	12.21
FA		Lock washer section width	mm	2.77 - 3.01	2.80 - 2.82
SP		Thickness	mm	1.67 - 1.91	1.78 - 1.82
AL		Height	mm	3.38 - 3.98	3.54 - 3.70
TO		Twist test (45 °)	ATTR.	Absence of cracks	Absence of cracks
DV		Hardness Vickers (HV) (10 Kg)	Hv	185.00 - 300.00	189.00 - 201.00
BA		Burrs	ATTR.	No burrs	No burrs

RAW MATERIAL TEST REPORT - *according to EN 10204 2.2*

CODE	DESCRIPTION OF RAW MATERIAL	BATCH NUMBER
A06235 1	Silicon bronze C65100 ASTM B98-13 04/2019	52194/1

CODE	▽	CHEMICAL ANALYSIS/CHECKED DIMENSIONS	UNIT OF MEASUREMENT	REQUIREMENTS	ACTUAL VALUE
Fe		Iron	%	<=0.800	0.004
Mn		Manganese	%	<=0.700	0.313
Pb		Lead	%	<=0.050	0.001
Si		Silicon	%	0.800 - 2.000	1.500
Zn		Zinc	%	<=1.500	0.004
		Chemical analysis from raw material's supplier certificate			

NOTES

▽ **S** = SECURITY CHARACTERISTIC **C** = CRITICAL CHARACTERISTIC

GOODS PRODUCED IN ITALY **** We certify that the finished goods are DFAR/RoHS/REACH compliant.

DATE OF INSPECTION: 03/04/2023

QUALITY CONTROL DEPAARTMENT

Novellino Cristina