



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



Certificate

Purchase Order PO26231775	Order Date 6/9/2026	Placed By Christopher Berger	McMaster-Carr Number 8677354-03	Number of Certificates 1
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Line	Product	Ordered	Status	Certificate
1	8953K98 Ultra-Machinable 360 Brass Rod, 1" Diameter, 3 Feet Long	1 each	1 each delivers June 10	348-3855



Wieland Chase, LLC, Montpelier, USA

Copper & Brass Sales
22355 W Eleven Mile Rd
SOUTHFIELD MI 48033
USA

Reprint
Loading area/ No. : 630001/
Heat No. :

Your order No.	: 5400817310
Date	: 04/06/2026
Your fax No.	:

Order confirmation No. : 2310004452 013
Inspection lot No. : 0
Our delivery note No. : 2380007281 030
Quantity delivered : 7,067.000 LBS
Date : 04/24/2026

Inspection certificate 3.1 as per EN 10204 : 2004

Product:	section number:	Dimensions:
Round rods drawn		Dim A: 1.0000 in
Material:	Temper:	Dim B:
Wieland ZU1 C36000	1/2-hard	Dim C:
		Dim D: 144.000 in
Specification:	Revision/Date of issue:	
Analysis: ASTM B16/B16M -24		
Mech.parameters: ASTM B16/B16M -24		H02-THREAD ROLL
Dimensions: ASTM B 249/ B 249M -23		A

Remarks:
040008740062
Your material code No. : CURD01097
Melted and manufactured in the USA.
Wieland Chase produced rod: NAFTA - Yes

Heat No. 63003459 63005155

Chemical composition as per 3.1 EN 10204 : 2004

Test method	Unit	Measured		Specified / Reference (R)		Spec
		Min.	Max.	Min.	Max.	
The sum of the other elements corresponds to what is specified in the chemical standard.						
Cu Copper	%			60.0	63.0	
63003459		61.1	61.6			
63005155		61.5	62.2			
Cd Cadmium	%				0.0075	
63003459		0.0004	0.0006			

From: ThyssenKrupp Materials NA
Cust. MCMaster-CARR SUPPLY CO Del.: 2411164374
CstAr 438 CstOr GH-33686020
Wgt.: 261.207 LB Date 05/06/2026

wieland

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Delivery note no. Item
2380007281 030

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63005155		0.0003	0.0004		
Fe Iron	%				0.35
63003459		0.15	0.17		
63005155		0.17	0.18		
Pb Lead	%			2.5	3.0
63003459		2.6	2.8		
63005155		2.6	2.8		
Zn Zinc	%				balance
63003459					
63005155					

Method of control of dimensions

Parameter tested	Unit	Measured		Specified / Reference (R)		Spec (No.)
		Min.	Max.	Min.	Max.	
Length	in			144.00	145.00	
63003459			144.00			(1)
63005155			144.00			(1)
Diameter	in			0.998	1.002	
63003459			1.001			(1)
63005155			1.001			(1)

Mechanical testing

Parameter tested	Unit	Measured		Specified / Reference (R)		Spec (No.)
		Min.	Max.	Min.	Max.	
Rt 0.5 % yield strength	KSI			25		
63003459			39			(1)
63005155			42			(1)
Tensile strength Rm	KSI			52		
63003459			58			(1)
63005155			58			(1)
Elongation A4	%			10		
63003459			27			(1)
63005155			24			(1)
Rockwell hardness HRB mid-radius				55	75	
63003459			70			(1)
63005155			73			(1)

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Further inspections

Parameter tested	Unit	Measured		Specified / Reference (R)		Spec (No.)
		Min.	Max.	Min.	Max.	

Declaration of conformity

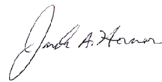
As manufacturer we declare that the products described herein comply with the specifications agreed with the purchaser, with the above-mentioned standards, descriptions, quantity and the data indicated in this certificate.

These products have been manufactured and tested under a quality system certified to ISO 9001:2015. Our quality system is audited regularly (SGS Certificate No. US23/00000084 (SGS North America) and US25/00000198 (SGS ICS Portugal # IPAC).

The recording of false, fictitious, or fraudulent statement or entries on this document may be a punishable offense under federal and state law.

Material is mercury-free, and meets EC Directives RoHS / RoHS2 / RoHS3

WARNING: This product can expose you to chemicals including lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warning.ca.gov.



Jack Horner (Inspection Representative)
Telephone: +1-419-485-8967
e-mail: Jack.Horner@wieland.com
Computer-generated inspection certificate

From: ThyssenKrupp Materials NA

Cust. MCMaster-CARR SUPPLY CO

CstAr 438

Wgt.: 261.207 LB

Del.: 2411164374

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Date 05/06/2026