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
P1553657	10/14/2025	Jonathan Wood	5168966-01	1

Line		Product	Ordered	Status	Certificate
2	3023A304	Hardened Oversized High-Speed M2 Tool Steel Rod, 0.368" Diameter, 5" Long	2 each	2 each deliver October 15	257–4289

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

Vermont Precision Tools
10 Precision Lane
P.O. Box 189
Swanton VT 05488
US

Material Certificate J000772266

Date: 6/20/2024

Customer: McMaster Carr 3,4,6,7,8,12
PO Box 5516
Chicago IL 60680
US

Item: 502236800

Description: LETTER "U" X 5 HSS RB HT# DD4454

Drawing Number:

Revision:

Material: M2

Sales Order Num: S000417807

Purchase Order Num: TA-77766440

Heat Number DD4454

Work Order#: J000772266

Test Method: ASTM A600

Country of Origin: Austria

Quanity Shipped: 25

Chemical Analysis

Carbon:	0.9100	**Silicon:**	0.2800	**Manganese:**	0.3100
Sulphur:	0.0009	**Phosphorus:**	0.0240	**Tungsten:**	6.1100
Chromium:	4.0000	**Nickel:**	0.0000	**Cobalt:**	0.4900
Vanadium:	1.8900	**Molybdenum:**	4.8700	**Copper:**	0.0000
Aluminum:	0.0000	**Nitrogen:**	0.0000	**Selenium:**	0.0000
Lead:	0.0000	**Tin:**	0.0000	**Titanium/Tantalum:**	0.0000
Vanadium/Carbide:	0.0000	**Tungsten/Carbide:**	0.0000	**Density:**	0.0000
Grain Size:	0.0000				

Printed Name: Wendy L Sargeant Signed:

Quality Assurance