McMASTER-CARR®

Certificate

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

Purchase Order	Order Date	Placed By	McMaster-Carr Number	Number of Certificates
PO26442267	11/4/2026	Christopher Berger	8302956-02	1

Line		Product	Ordered	Status	Certificate
7	90145A536	18-8 Stainless Steel Dowel Pin, 1/4" Diameter, 3/8" Long	2 packs	2 packs deliver November 5	290–2665

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

Pennsylvania
289 Mifflin Drive
Wrightsville, PA 17368
USA

METALLURGICAL TEST REPORT

6870 Highway 42 East
Ghent, KY 41045-9615
(502) 347-6000

Certificate: 758902 17
Customer: 002275 998

Mail To:
YARDE METALS, INC.
OLD PRATT & WHITNEY BLDG DG
45 NEWELL STREET
SOUTHINGTON, CT 06489

Ship To:
YARDE METALS, INC.
CUSTOMER PICKUP
289 MIFFLIN DRIVE
WRIGHTSVILLE, PA 17368

Date: 2/16/2022 Page: 1
Steel: 303 Ultra
Finish: CDC
Corrosion:

Your Order: P10527MR023 NAS Order: PN 0127320 01 Heat Treat Code: 68,438

PRODUCT DESCRIPTION:

Round Bar, Annealed, Enhanced Finish, Chamfered
ASTM A582/21 EN 10204 3.1, ASTM A484/21
AMS 5640/V TYPE 1, QQS:764/B CONDITION A
SOLUTION ANNEAL TEMP 1900F MIN
" 303 Ultra For High Machinability"

REMARKS:

COMPLIES W/REQUIREMENTS OF DFAR 252.225-7009 EU DIRECTIVE 2011/65/EU.RoHS. EAF+AOD+CC. NO WELD REPAIR. MELTED AND MFG IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

Product Id	Skid #	Diameter	Size	Weight	-------Length------	Mark	Pieces	Commodity Code
BM4520 4		.2580		860	144.00	9	1	

ANAB, ISO/IEC 17025, Certificate# L2323

CHEMICAL ANALYSIS

CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

Chemical Analysis per ASTM A751/20

NAS Heat	CM	C %	CO %	CR %	CU %	MN %	MO %	N %	NI %	P %
N50W	US	.050	.18	17.07	.30	1.95	.279	.033	8.49	.029

S %	SI %
.3012	.53

MECHANICAL PROPERTIES

Product Id	loc	dir	HB No.	.2YS KSI	UTS KSI	RA %	Elng % 2"
BM4520 4	R	L	216.0	96.86	113.72	45.77	33.95

YARDE METALS, INC. CERTIFIES THAT THIS IS A TRUE COPY OF THE ORIGINAL MILL TEST REPORT NOW ON FILE. RECEIVED AND INSPECTED
FEB 17 2022
BY
Melissa Gagnier, Certification Processor

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical Dept. Mgr. KRIS LARK 2/16/2022

YARDE METALS INC 07-30-25
S11230CD021-8 RADAX INDUSTRIE PO: 507600 Part #:
172.00PC 360.00LB