



609-259-8900
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Certificate

Purchase Order PO26101646	Order Date 3/12/2026	Placed By Christopher Berger	McMaster-Carr Number 4162462-01	Number of Certificates 1
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Line	Product	Ordered	Status	Certificate
5	92558A360 Stainless Steel Raised Knurled-Head Thumb Screw, M4 x 0.70 mm Thread Size, 20 mm Long	2 each	2 each deliver March 16	320-8810

Your Reference: D4LTDS04

361604020SS LOT 27477

361604020SS
Lot # 27477



Certificate of Test

PRODEC QUALITY

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HEAT E220562 ORDER 701358/ 02 BOL 0257484 * CERTIFICATION * 07/08/22

SHIP TO:
YARDE METALS
45 NEWELL STREET
SOUTHINGTON 064890000

----- YOUR ORDER & DATE -----
P11021EM016 10/21/21 CUST# 0975001 CUST TAG#

----- ITEM DESCRIPTION -----
GRADE 303 PRODEC QUALITY Ship Condition CONDA
Size303 RND CFA CONDA .6250 x 144.000 RL
Country of Melt: UNITED KINGDOM Country of Mfg.: UNITED STATES
No weld repair
Free of mercury contamination, Free of radiation contamination
No WEEE relevant substances; Meets RoHS-2011/65/EU and 2015/863
Total Bundles 2 Total Weight 5226 Approx. Hot Red. Ratio 101:1

WO 2118892 Bundles: 1R, 1S
----- SPECIFICATIONS -----
MFG TO FINISHED BAR IN THE USA FROM BILLETS IMPORTED UNITED KINGDOM
AMS5640V Type 1 ASTM A484/A484M-21
ASTM A582/A582M-21 DIN 50049/EN 10204 Type 3.1
Federal Spec QQ-S-764B Prodec Quality
Solution Annealed Condition UNS S30300, AISI 303
ASTM F899-20 EN 10204 Type 3.1 Document
DFARS 252.225.7009 10/4/11 DFARS 225.7002-3(B) (1)
Solution Anneal 1900Fmin/WQ Bars are Eddy Current tested
Sol Anneal at 1900F min/ Water Quench

----- MECHANICAL & OTHER TESTS -----
Hardness as shipped 183 HB
Hardness as shipped (88 HRC)
Grain size 10.0 Tensile strength, KSI (MPa) 98.5 (679)
Micro OK 0.2% Yield Strength, KSI (MPa) 45.2 (312)
Intergranular corrosion OK
Elongation % in 4D 55.0
Reduction of area % 60.6

----- CHEMICAL COMPOSITION -----
Carbon (C) .043 Manganese (Mn) 1.580
Phosphorus (P) .034 Sulphur (S) .350
Silicon (Si) .430 Chromium (Cr) 17.130
Nickel (Ni) 8.100 Cobalt (Co) .248
Copper (Cu) .570 Moly (Mo) .410
Nitrogen (N) .068
Iron (Fe) Balance
Melt Practice EAF
Refining Practice AOD
De-long Ferrite

THIS IS A TRUE COPY OF THE ORIGINAL
MILL TEST REPORT NOW ON FILE.
RECEIVED AND INSPECTED
JUL 11 2022
BY *Melissa Gagner*
Melissa Gagner, Certification Processor

Knowingly & willfully falsifying or concealing a material act on this form, or making false, fictitious or fraudulent statements or representations herein could constitute a felony punishable under federal statutes. We hereby certify that the test results shown in this report are correct and accurate as contained in the records of the company and are in compliance with the specifications, codes, and standards listed above.

Digitally Signed by M.F. Marcano, Quality Manager

Outokumpu Stainless Bar, LLC
3043 Crenshaw Pkwy
Richburg, SC 29729

M.F. Marcano