



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



<b>Purchase Order</b> PO26231775	<b>Order Date</b> 6/9/2026	<b>Placed By</b> Christopher Berger	<b>McMaster-Carr Number</b> 8677354-02	<b>Number of Certificates</b> 1
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Line	Product	Ordered	Status	Certificate
19	91273A384 Same-Size Thread 18-8 Stainless Steel Shoulder Screw, 5 mm Shoulder Diameter, 6 mm Shoulder Length, M5 x 0.80 mm Thread Size	1 each	1 each delivers June 11	343-0242

Sales Order Number: 474105-04  
 Lot #: 278646-PPO MFG Lot #: DR1C  
 Finished Product Code: STR601M5X6-OST  
 Finished Description: 5 (M5 x 0.8) X 6 Oversized Thread Shdr Scrw Knurled  
 Hex Socket 18-8 SS Plain USA

Raw Material Lot Number: 48751-DI-002  
 Raw Material Product Code: RM200-1G-.375  
 Raw Material Description: 3/8" ROUND TYPE 303 STAINLESS STEEL BAR,  
 GROUND AND POLISHED TO +/- .0005", DFARS & ROHS, ASTM A582



METALLURGICAL TEST REPORT

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

Certificate: 60103 02      Mail To: COPPER AND BRASS SALES, INC.      Ship To: COPPER AND BRASS SALES, INC.      Date: 8/27/2025 Page: 1 Of 1  
 ATTN: ACCOUNTS PAYABLE      SOUTHFIELD MI 48086-      8001 MURPHY WAY      NORTHWOOD OH 43619      Steel: 303      Finish: Cold Draw  
 Customer: 0925 045      Heat Treat Code: 86,206      Dia/Thk: .3750 in  
 NAS Order: LR 55514 13      Item Code: XSSRD0003590      Leg Length:      Length: 144.00 in  
 Your Order: 5400751579      Corrosion:

PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw, Centerless Ground, Chamfered  
 ASTM A582/A582M-22 EN 10204 3.1B, ASTM A484/A484M-24b  
 AMS 5640V TYPE 1, QQS-764B CONDITION A

REMARKS:

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

Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight
BP00570	1548								

ANAB, ISO/IEC 17025, Certificate# L2323

CHEMICAL ANALYSIS CM(Country of Melt and Pour) ES(Spain) US(United States) ZA(South Africa) JP(Japan) Chemical Analysis per ASTM A751/20

NAS Heat	Supplier Heat	CM	C %	CO %	CR %	CU %	MN %	MO %	N %	NI %	P %	S %
DR1C		US	.041	.24	17.21	.25	1.91	.277	.042	8.64	.030	.3010
			SI %									
			.51									

MECHANICAL PROPERTIES

Id	HB	.2YS	UTS	RA	Elong	
o i	No.	KSI	KSI	%	% 2"	
BP00570	R L	200.0	80.18	106.85	48.16	39.95

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  
 Cust. ACCURATE MANUFACTURED PRODUCTS GRP Del.: 2410895818

Technical Dept. Mgr.

*Daniel Harzetti*  
 DANIEL HARZETTI

CstAr RM200-1G-.375

CstOr 48751

Wgt.: 1,548 LB

Date 11/11/2025