

INSPECTION CERTIFICATE

UNYITE, INC.  
One Unyite Drive  
Peru, Illinois 61354  
815-224-2221 — FAX# 815-224-3434

Customer: **ASTM A-563**    Specification: **ASTM A-563**    Lot No.: **7B841**    Date: **AUG. 27, '11**  
 Grade: **DR3**    Size: **7/8 - 9 UNC**  
 Heavy Hex Nut    Mechanical properties listed in accordance to ASTM F606/F606M, ASTM A370, ASTM E18

Chemical Composition (%)											
Mill	Material Size	C	Si	Mn	P	S	Cu	Ni	Cr	Mo	Shape & Dimension Inspection
BERDAUT	HEX	0.24	0.24	0.40	0.014	0.014	0.23	0.35	0.54	0.04	ANSI B18.2.2 GOOD
ISTREZ	NO	0.22	0.22	1.03	0.014	0.014	0.23	0.35	0.54	0.04	Thread Precision Inspection ANSI B1.1 CLASS "B" GOOD
Mechanical Property Inspection											
Item	Proof Load	Core Stripping	Hardness	Hardness After Heat Treatment	Hardness After 24 Hrs. @ 100°C	Absorbed Energy	Heat Treatment	Remarks			
Spec.	80,000 lb	n	24-38 HRC	H8-H9 5 Pieces Average After Heat Treatment	H8-H9 5 Pieces Average After Heat Treatment	1-1/2 in. x 1/4 in.	T: MIN. 800 F	* DR3 II *			
Results	5	n	27.3 27.2 27.2 27.3	27.3 27.2 27.3 27.3	27.2			Production Quantity 76,050 pcs.			
Results	GOOD							Q: Quenching T: Tempering ST: Solution Treatment			

OFFICIAL SEAL  
NOTARY PUBLIC - STATE OF ILLINOIS  
JEAN MARC HERIOT  
6/8/24/11

Material used for the nut was melted and manufactured in the USA. The nut was manufactured in the USA to the above specification.  
 We hereby certify that the material described has been manufactured and inspected satisfactorily with the requirement of the above specification.  
 Chief of Quality Assurance Section