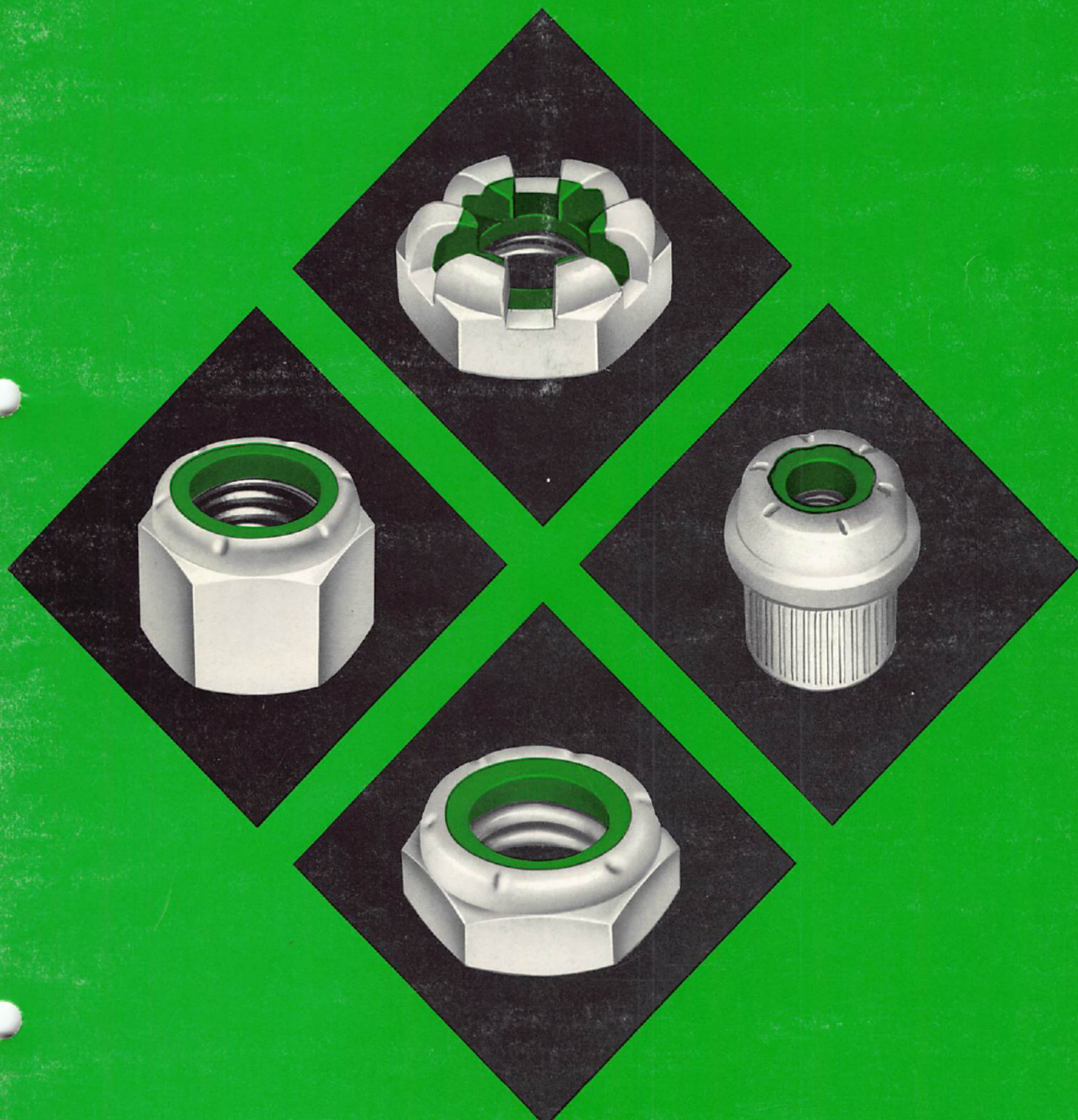




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A MICRODOT COMPANY

## Nylon Insert Locknuts



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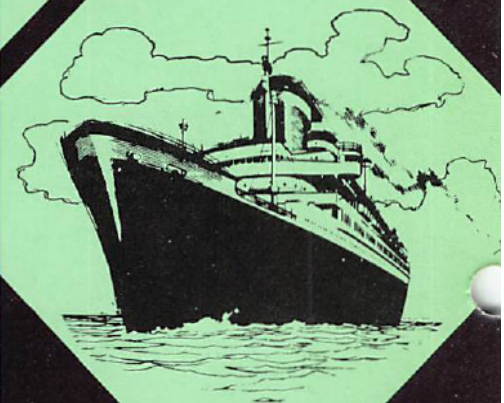
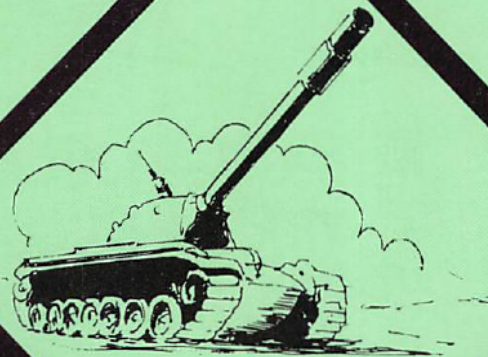
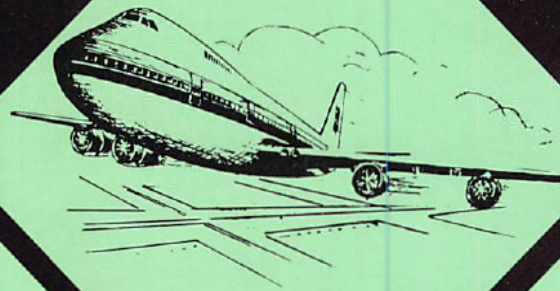
<https://www.AngicGlobal.com> [Sales@AngicGlobal.com](mailto:Sales@AngicGlobal.com)

## GREER LOCKNUTS SAVE YOU MONEY

As you know, a common cause of assembly failure is due to excessive vibration which loosens nuts. Greer Locknuts help eliminate loose nuts because Greer's integral nylon collar grabs on and holds on tight, providing exceptional reliability and fastener integrity. Greer Nylon Insert Locknuts also help avoid expensive down-time, maintenance service costs and product liability problems.

Greer Locknuts meet the rigid specs of industry and government and are the logical selection for use in applications such as motor transport equipment, ordnance equipment, railroad, farm and off-road vehicles, and on engines, airframes and communications and navigational equipment. For samples and information concerning prices and shipping, call your Greer sales representative, or use the return post card attached to this catalog.

### TYPICAL APPLICATIONS



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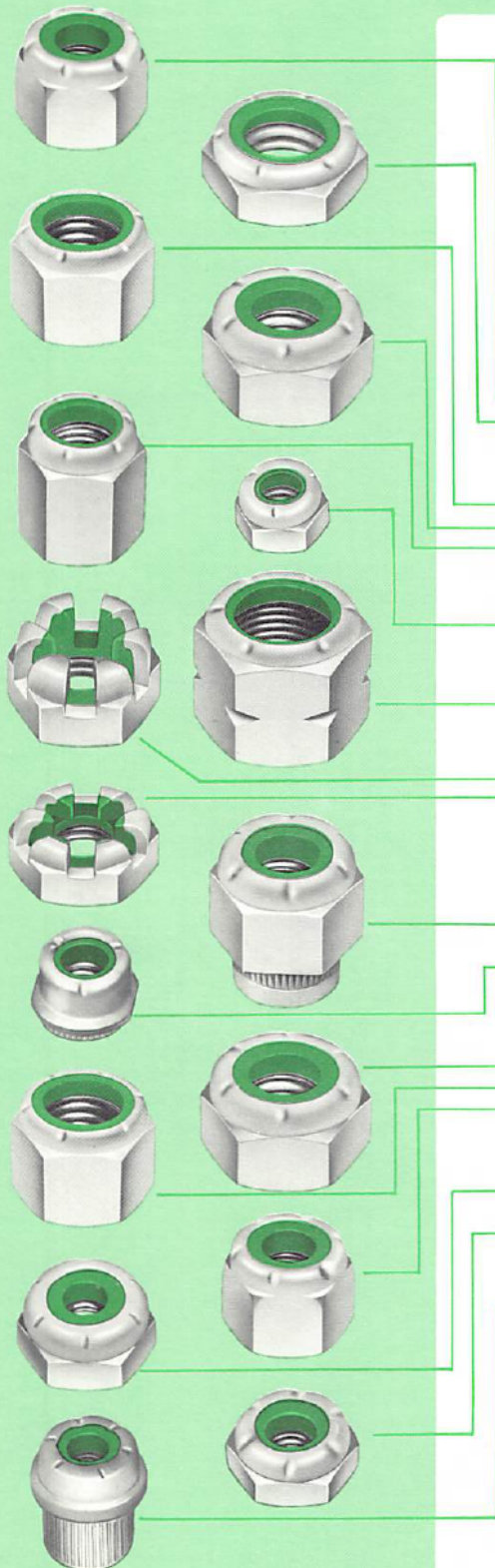
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# GREER

## NYLON INSERT LOCKNUTS

### TABLE OF CONTENTS



	Page No.
<b>APPLICATIONS</b> .....	2
<b>HOW THE GREER NUT WORKS</b> .....	4
<b>HOW TO ORDER</b>	
Greer Part Numbering Code .....	5
<b>STANDARDS</b>	
NM-NE Nut-Hexagon, Light, Regular Height .....	6 & 7
NTM-NTE Nut-Hexagon, Light, Thin .....	8 & 9
<b>HEAVY</b>	
NU Nut-Hexagon, Heavy .....	10 & 11
NTU Nut-Hexagon, Heavy, Thin .....	12 & 13
N1260 Nut-Hexagon, Heavy, U-Bolt .....	14
<b>MINIATURE</b>	
1660 Nut-Hexagon, Miniature .....	15
<b>HIGH STRENGTH (Steel)</b>	
N7582 Nut-Hexagon, Light, Regular Height .....	16 & 17
<b>CASTELLATED</b>	
NMC-NEC Nut-Hexagon, Light, Regular Height, Castellated .....	18
NTMC-NTEC Nut-Hexagon, Light, Thin Castellated .....	19
<b>CLINCH NUTS</b>	
NC Nut-Clinch .....	20 & 21
NC Installation Procedure .....	22
NCFMA Nut-Clinch, Miniature .....	23
NCFMA Installation Procedure .....	24
<b>MONEL</b>	
NTU Nut-Hexagon, Monel, Heavy-Thin .....	25
NU Nut-Hexagon, Monel, Heavy .....	26 & 27
NM-NE Nut-Hexagon, Monel, Regular Height .....	28 & 29
<b>ALUMINUM (High Strength Aluminum)</b>	
NMJ Nut-Hexagon, High Strength, Regular Height .....	30
NTMJ Nut-Hexagon, High Strength, Thin .....	31
<b>SPLINE NUTS</b>	
ND Nut-Spline .....	32 & 33
<b>AN-MS-NAS INTERCHANGE</b> .....	34 to 37
<b>SPECIALS</b> .....	38



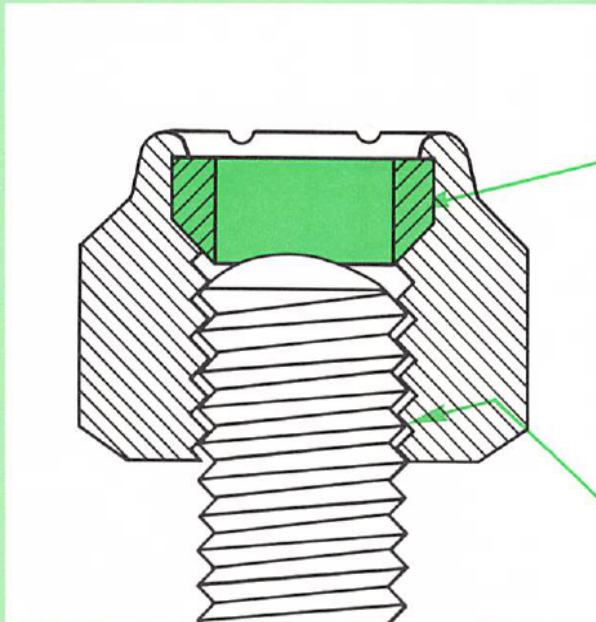
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# How The GREER Nut Works



**Bolt being driven into Greer nut**

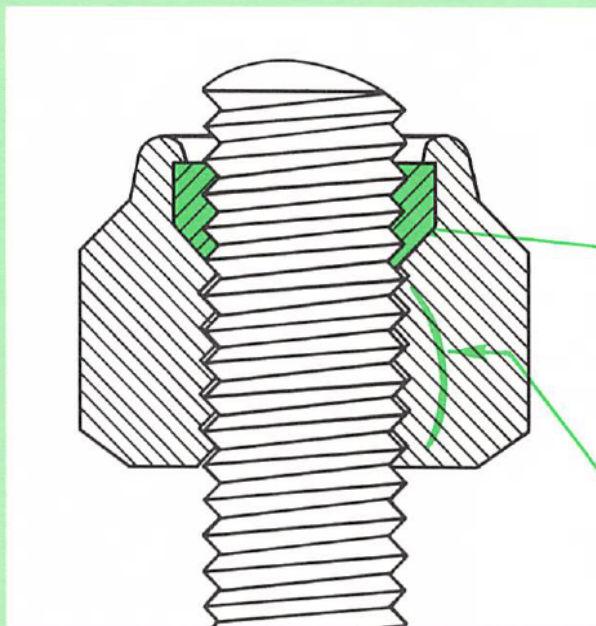
## Greer's Integral Nylon Collar

The molded Green nylon insert is the locking element in Greer Locknuts. The internal diameter of the insert is a computer-determined degree smaller than the bolt thread and the external diameter is large enough to fit tightly under a rolled over, crimped metal collar.

## Bolt Threads Impress But Do Not Cut

The resiliency of Greer's nylon collar prevents the threads of the bolt from cutting the collar. A tight grip results as the bolt threads become impressed in the nylon, preventing the nut from rotating free, even under severe shock and vibration.

Note that the driving torque creates a degree of metal-to-metal thread engagement along the upper flanks of the threads as the bolt is started into the nut.



**Bolt engaged with Greer nut**

## Locking Action Created Along Entire Thread Engagement

No matter how severe the vibration, the nylon collar exerts constant pressure against the threads of the bolt . . . not only where the bolt is engaged with the nylon, but along the entire metal-to-metal thread engagement. As the bolt enters the nylon, a downward pressure is created. This pressure forces the nut axially downward until the thread flanks of the nut and bolt are in close frictional contact. Thus, locking occurs over the entire length of the threads.

The nylon collar holds fast at any point on the bolt where the threads are in full contact. However, efficient locking occurs when at least 1-1/2 threads extend beyond the top surface of the collar.

Note the close frictional contact along the entire length of the thread lines.



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# Greer Part Numbering Code

The Greer part numbering code is a descriptive system which can be interpreted as shown below. This information is for reference and should not be used to compile non-existent part numbers. For specific information, see the appropriate catalog page or call the Greer sales office.

## F52NE-720

### Plating & Finishes

- 0—Special
- 1—Zinc Plated per QQ-Z-325, Type I, Class 3
- 2—Cadmium Plated per QQ-P-416, Type I, Class 3
- 3—Phosphate and Oil
- 7—Bright Nickel Plated .0002 Minimum Thickness per QQ-N-290
- 8—Anodized per Mil-A-8625
- 9—No Finish

### Material

- 0—Monel
- 1—Alloy Steel
- 2—Carbon Steel
- 4—Carbon Steel
- 5—Carbon Steel
- 6—Aluminum
- 7—Stainless Steel—AISI 303 or Equivalent
- 9—Brass—Commercial Half Hard

### Additional Finish Treatments

- "F"—Supplementary Chromate Post-treatment (Steel Nuts Only)
- "L"—Passivated and Lubricated (Stainless Steel Nuts Only)
- "Y"—Supplementary Chromate Post-treatment (Brass Nuts Only)

### Nut Type

The letter "N" in the following combinations specifies a nylon (To MIL-M-20693; Polyamide nylon composition "A" Type-1-Green) locking insert.

- NC—Clinch Nut
- NCFMA—Clinch Nut, Miniature, Flush Mounting
- ND—Spline Nut
- NE—Light Hex, Fractional Thread Sizes
- NEC—Light Hex, Fractional Thread Sizes, Castellated
- NM—Hex, Machine Screw Thread Sizes
- NMC—Hex, Machine Screw Thread Sizes, Castellated
- NN—S.A.E. Regular Hex
- NTE—Light Hex, Thin, Fractional Thread Sizes
- NTEC—Light Hex, Thin, Fractional Thread Sizes, Castellated
- NTM—Hex, Thin, Machine Screw Thread Sizes
- NTMC—Hex, Thin, Machine Screw Thread Sizes, Castellated
- NU—Heavy Hex
- NTU—Heavy Hex, Thin
- J—The letter "J" appearing in combination with the above (NMJ and NTMJ) specifies high strength aluminum material

### Thread Size

Nominal Thread Size	GREER Dash No.	ESNA Dash No.	
(.0860)	#2-56	256	26
(.0860)	#2-64	264	24
(.0990)	#3-48	348	38
(.0990)	#3-56	356	36
(.1120)	#4-40	440	40
(.1120)	#4-48	448	48
(.1250)	#5-40	540	50
(.1250)	#5-44	544	54
(.1380)	#6-32	632	62
(.1380)	#6-40	640	60
(.1640)	#8-32	832	82
(.1640)	#8-36	836	86
(.1900)	#10-24	1024	04
(.1900)	#10-32	1032	02
(.2160)	#12-24	1224	124
(.2160)	#12-28	1228	128
(.2500)	1/4-20	420	040
(.2500)	1/4-28	428	048
(.3125)	5/16-18	518	058
(.3125)	5/16-24	524	054
(.3750)	3/8-16	616	066
(.3750)	3/8-24	624	064
(.4375)	7/16-14	714	074
(.4375)	7/16-20	720	070
(.5000)	1/2-13	813	083
(.5000)	1/2-20	820	080
(.5625)	9/16-12	912	092
(.5625)	9/16-18	918	098
(.6250)	5/8-11	1011	101
(.6250)	5/8-18	1018	108
(.7500)	3/4-10	1210	120
(.7500)	3/4-16	1216	126
(.8750)	7/8-9	1409	149
(.8750)	7/8-14	1414	144
(1.0000)	1-8	1608	168
(1.0000)	1-12	1612	162
(1.0000)	1-14	1614	164
(1.1250)	1-1/8-7	1807	187
(1.1250)	1-1/8-12	1812	182
(1.2500)	1-1/4-7	2007	207
(1.2500)	1-1/4-12	2012	202
(1.3750)	1-3/8-6	2206	226
(1.3750)	1-3/8-12	2212	222
(1.5000)	1-1/2-6	2406	245
(1.5000)	1-1/2-12	2412	242
(1.7500)	1-3/4-5	2805	285
(2.0000)	2-4-1/2	3204	324
(2.2500)	2-1/4-4	3604	364
(2.5000)	2-1/2-5	4004	404

# Service & Industry Approvals

Greer nylon insert locknuts are qualified or are equivalent to the following Service and Industry Standards.

### Military

- AN363
  - AN364
  - AN365
  - MS17825
  - MS17826
  - MS20364
  - MS20365
  - MS21044
  - MS21045
  - MS21083
- Approved part numbers are listed in QPL25027 (ASG) and supplementary letters of approval.

### National Aircraft Standards

- NAS1021
- NAS1022

### Ordnance Department

- BBSX1
  - BBSX2
  - BBSX3
  - BBSX4
  - BBSX5
  - BBWX5
  - BBWX6
- Various Ordnance seven-digit standards.

### Bureau of Ships

- MS17828
- MS17829
- MS17830

For data on the latest Greer nylon insert locknut Approvals, please contact your Greer representative or distributor, or phone the Greer sales office.



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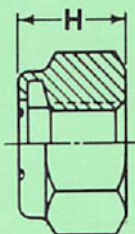
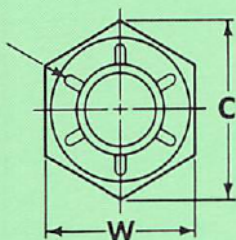
**GREER****NYLON INSERT  
LOCKNUTS**

GREER PART NO.	THREAD (MIL-S-8879)	WIDTH ACROSS FLATS	THICKNESS	WIDTH ACROSS CORNERS	APPROX. WT. LBS./100
		W	H (Max)	C (Min)	
NM-256 NM-440 NM-540	.0860-56 UNJC-3B .1120-40 UNJC-3B .1250-40 UNJC-3B	<u>.251</u> .243	.153	.275	.14
NM-632 NM-640	.1380-32 UNJC-3B .1380-40 UNJF-3B	<u>.313</u> .305	.188	.344	.26
NM-832	.1640-32 UNJC-3B	<u>.345</u> .336	.239	.378	.42
NM-1024 NM-1032	.1900-24 UNJC-3B .1900-32 UNJF-3B	<u>.376</u> .367	.249	.410	.48
NM-1224 NM-1228	.2160-24 UNCJ-3B .2160-28 UNJF-3B	<u>.439</u> .430	.328	.488	.88
NE-420 NE-428	.2500-20 UNCJ-3B .2500-28 UNJF-3B	<u>.439</u> .430	.328	.488	.88
NE-518 NE-524	.3125-18 UNJC-3B .3125-24 UNJF-3B	<u>.502</u> .492	.359	.557	1.18
NE-616 NE-624	.3750-16 UNJC-3B .3750-24 UNJF-3B	<u>.564</u> .553	.468	.628	1.82
NE-714 NE-720	.4375-14 UNJC-3B .4375-20 UNJF-3B	<u>.627</u> .615	.468	.698	2.20
NE-720U	.4375-20 UNJF-3B	<u>.690</u> .679	.468	.766	3.12
NE-813 NE-820	.5000-13 UNJC-3B .5000-20 UNJF-3B	<u>.752</u> .741	.609	.840	4.35
NE-912 NE-918	.5625-12 UNJC-3B .5625-18 UNJF-3B	<u>.877</u> .865	.656	.982	7.10
NE-1011 NE-1018	.6250-11 UNJC-3B .6250-18 UNJF-3B	<u>.940</u> .928	.765	1.051	8.60
NE-1210 NE-1216	.7500-10 UNJC-3B .7500-16 UNJF-3B	<u>1.064</u> 1.053	.890	1.191	12.10
NE-1409 NE-1414	.8750-9 UNJC-3B .8750-14 UNJF-3B	<u>1.252</u> 1.240	.999	1.403	19.40
NE-1608 NE-1612 NE-1614	1.0000-8 UNJC-3B 1.0000-12 UNJF-3B 1.0000-14 UNS-3B	<u>1.440</u> 1.428	1.078	1.615	28.50
NE-1807 NE-1812	1.1250-7 UNJF-3B 1.1250-12 UNJF-3B	<u>1.627</u> 1.615	1.203	1.826	41.90
NE-2007 NE-2012	1.2500-7 UNJF-3B 1.2500-12 UNJF-3B	<u>1.815</u> 1.803	1.422	2.038	60.30

**NM - NE** NUT-HEXAGON, LIGHT, REGULAR HEIGHT

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GREER PART NO.	THREAD (MIL-S-8879)	WIDTH ACROSS FLATS W	THICKNESS H (Max)	WIDTH ACROSS CORNERS C (Min)	APPROX. WT. LBS./100
NE-2206 NE-2212	1.3750-6 UNJC-3B 1.3750-12 UNJF-3B	$\frac{2.011}{1.973}$	$\frac{1.609}{1.547}$	2.249	96.46
NE-2406 NE-2412	1.5000-6 UNJC-3B 1.5000-12 UNJF-3B	$\frac{2.200}{2.159}$	$\frac{1.640}{1.578}$	2.416	125.28



**NOTES:**

- To order specific materials and finishes, select the appropriate prefix to precede the Greer part number:
  - 21, 41 - Steel, Zinc
  - 22, 42, 52 - Steel, Cadmium
  - 29, 49, 59 - Steel, Plain
  - 68 - Aluminum, Anodized
  - L79 - Stainless, 303
  - 92 - Brass, Cadmium
  - 99 - Brass, Plain

**Example:**  
21-NE-813 = steel - zinc, Nut - hexagon light-regular 1/2 - 13.
- Approximate weight, lbs./100 for aluminum is about 2/3 less than steel and brass.
- Locking Insert . . . . . Green Nylon  
other materials on request.
- Threads . . . . . For use with MIL-S-8879 and MIL-S-7742 external threaded elements.
- Temperature . . . . . 250° F. maximum
- Procurement Spec. . . MIL-N-25027 as applicable. See interchangeability section of this catalog for approved AN/MS/NAS parts.

**HOW TO ORDER:**  
SEE PAGE 5 FOR DETAILED INFORMATION.



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# GREER

## NYLON INSERT LOCKNUTS



GREER PART NO.	THREAD (MIL-S-8879)	WIDTH ACROSS FLATS W	THICKNESS H (Max)	WIDTH ACROSS CORNERS C (Min)	APPROX. WT. LBS./100
NTM-440	.1120-40 UNJC-3B	.251	.124	.275	.09
NTM-540	.1250-40 UNJC-3B	.243			
NTM-632	.1380-32 UNJC-3B	.313	.140	.344	.18
NTM-640	.1380-40 UNJF-3B	.305			
NTM-832	.1640-32 UNJC-3B	.345	.187	.378	.29
		.336			
NTM-1024	.1900-24 UNJC-3B	.376	.187	.413	.34
NTM-1032	.1900-32 UNJF-3B	.367			
NTE-420	.2500-20 UNJC-3B	.439	.218	.488	.49
NTE-428	.2500-28 UNJF-3B	.430			
NTE-518	.3125-18 UNJC-3B	.502	.265	.557	.79
NTE-524	.3125-24 UNJF-3B	.492			
NTE-616	.3750-16 UNJC-3B	.564	.281	.628	.94
NTE-624	.3750-24 UNJF-3B	.553			
NTE-714	.4375-14 UNJC-3B	.627	.328	.698	1.29
NTE-720	.4375-20 UNJF-3B	.615			
NTE-720U	.4375-20 UNJF-3B	.690	.328	.766	2.10
		.679			
NTE-813	.5000-13 UNJC-3B	.752	.328	.840	1.99
NTE-820	.5000-20 UNJF-3B	.741			
NTE-912	.5625-12 UNJC-3B	.877	.374	.982	3.49
NTE-918	.5625-18 UNJF-3B	.865			
NTE-1011	.6250-11 UNJF-3B	.940	.406	1.051	3.88
NTE-1018	.6250-18 UNJF-3B	.928			
NTE-1210	.7500-10 UNJF-3B	1.064	.421	1.191	5.00
NTE-1216	.7500-16 UNJF-3B	1.053			
NTE-1409	.8750-09 UNJF-3B	1.252	.484	1.403	7.90
NTE-1414	.8750-14 UNJF-3B	1.240			
NTE-1612	1.0000-12 UNJF-3B	1.440	.578	1.615	13.50
NTE-1614	1.0000-14 UNS-3B	1.428			
NTE-1807	1.1250-7 UNJF-3B	1.627	.672	1.826	18.50
NTE-1812	1.1250-12 UNJF-3B	1.615			

**NTM - NTE** NUT-HEXAGON, LIGHT, THIN



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GREER PART NO.	THREAD (MIL-S-8879)	WIDTH ACROSS FLATS W	THICKNESS H (Max)	WIDTH ACROSS CORNERS C (Min)	APPROX. WT. LBS./100
NTE-2007 NTE-2012	1.2500-7 UNJF-3B 1.2500-12 UNJF-3B	<u>1.815</u> 1.803	.765	2.038	26.20
NTE-2206 NTE-2212	1.3750-6 UNJF-3B 1.3750-12 UNJF-3B	<u>2.008</u> 1.980	.821	2.249	33.00
NTE-2406 NTE-2412	1.5000-6 UNJC-3B 1.5000-12 UNJF-3B	<u>2.197</u> 2.167	.828	2.416	43.00

## NOTES:

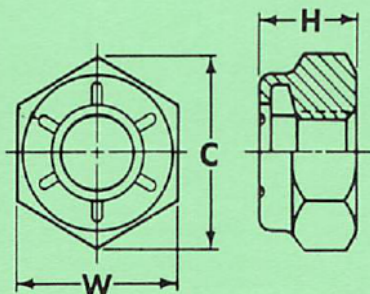
1. To order specific materials and finishes, select the appropriate prefix to precede the Greer part number:

21, 41 - Steel, Zinc  
 22, 42, 52 - Steel, Cadmium  
 29, 49 - Steel, Plain  
 L79 - Stainless, 303  
 68 - Aluminum,  
 Anodized

## Example:

21-NTE-813 = steel - zinc,  
 Nut - hexagon light-thin.  
 1/2 - 13.

2. Approximate weight, lbs./100 for aluminum is about 2/3 less than steel and brass.
3. Locking Insert . . . . . Green nylon,  
 other materials on request.
4. Threads . . . . . For use with MIL-S-8879 and  
 MIL-S-7742 external threaded  
 elements.
5. Temperature . . . . . 250° F. maximum
6. Procurement Spec. . . . . MIL-N-25027 as applicable. See inter-  
 changeability section of this catalog  
 for approved AN/MS/NAS parts.



**HOW TO ORDER:**  
 SEE PAGE 5 FOR DETAILED  
 INFORMATION.



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# GREER

## NYLON INSERT LOCKNUTS



HEAVY

GREER PART NO.	THREAD (MIL-S-8879)	WIDTH ACROSS FLATS W	THICKNESS H (Max)	WIDTH ACROSS CORNERS C (Min)	APPROX. WT. LBS./100
NU-420	.2500-20 UNJC-3B	<u>.503</u> .489	.390	.556	1.50
NU-518	.3125-18 UNJC-3B	<u>.566</u> .551	.453	.624	2.10
NU-616	.3750-16 UNJC-3B	<u>.691</u> .675	.562	.763	3.80
NU-714	.4375-14 UNJC-3B	<u>.754</u> .736	.609	.829	4.80
NU-813	.5000-13 UNJC-3B	<u>.879</u> .861	.718	.969	8.20
NU-912	.5625-12 UNJC-3B	<u>.942</u> .922	.812	1.037	10.00
NU-1011	.6250-11 UNJC-3B	<u>1.067</u> 1.045	.874	1.175	14.00
NU-1210	.7500-10 UNJC-3B	<u>1.255</u> 1.231	1.015	1.382	23.00
NU-1409	.8750-9 UNJC-3B	<u>1.444</u> 1.417	1.140	1.589	34.00
NU-1608	1.0000-8 UNJC-3B	<u>1.632</u> 1.602	1.312	1.796	48.00
NU-1807	1.1250-7 UNJC-3B	<u>1.820</u> 1.788	1.469	2.002	69.00
NU-2007	1.2500-7 UNC-3B	<u>2.008</u> 1.973	1.641 ± .031	2.209	92.00
NU-2206	1.3750-6 UNC-3B	<u>2.197</u> 2.159	1.797 ± .031	2.416	120.00

**NU** NUT-HEXAGON, HEAVY



Get quote »

GREER PART NO.	THREAD (MIL-S-8879)	WIDTH ACROSS FLATS W	THICKNESS H (Max)	WIDTH ACROSS CORNERS C (Min)	APPROX. WT. LBS./100
NU-2406	1.5000-6 UNC-3B	$\frac{2.384}{2.344}$	1.922 ± .031	2.622	150.00
NU-2805	1.7500-5 UNC-3B	$\frac{2.762}{2.715}$	2.313 ± .063	3.025	240.00
NU-3204.5	2.0000-4½ UNC-3B	$\frac{3.137}{3.086}$	2.406 ± .063	3.449	310.00
NU-3208	2.0000-8 UN-3B				
NU-3212	2.0000-12 UN-3B				
NU-4004	2.5000-4 UNC-3B	$\frac{4.015}{3.875}$	3.141 ± .063	4.393	682.00

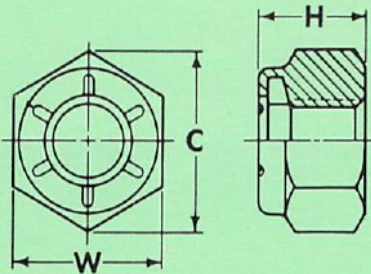
**NOTES:**

- To order specific materials and finishes, select the appropriate prefix to precede the Greer part number:

- 21, 41 - Steel, Zinc
- 22 - Steel, Cadmium
- 29, 49 - Steel, Plain
- L79 - Stainless, 303
- 99 - Brass, Plain

**Example:**

22-NU-813 = steel - cadmium,  
Nut - hexagon heavy.  
1/2-13



- Locking Insert . . . . . Green nylon, other materials on request.
- Threads . . . . . For use with MIL-S-8879 and MIL-S-7742 external threaded elements.
- Temperature . . . . . 250° F. maximum
- Approval Status . . . . . See interchangeability section of this catalog for approved AN/MS/NAS parts.

**HOW TO ORDER:**  
SEE PAGE 5 FOR DETAILED INFORMATION.



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# GREER

## NYLON INSERT LOCKNUTS



HEAVY

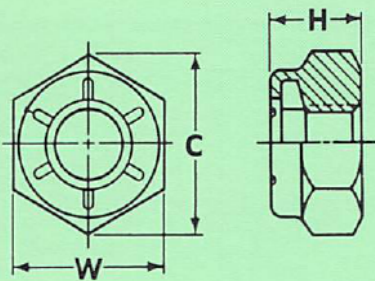
GREER PART NO.	THREAD (MIL-S-8879)	WIDTH ACROSS FLATS W	THICKNESS H (Max)	WIDTH ACROSS CORNERS C (Min)	APPROX. WT. LBS./100
NTU-420	.2500-20 UNJC-3B	<u>.503</u> .489	.296	.556	1.00
NTU-518	.3125-18 UNJC-3B	<u>.566</u> .551	.328	.624	1.40
NTU-616	.3750-16 UNJC-3B	<u>.691</u> .675	.421	.763	2.70
NTU-714	.4375-14 UNJC-3B	<u>.754</u> .736	.453	.829	3.30
NTU-813	.5000-13 UNJC-3B	<u>.879</u> .861	.546	.969	5.40
NTU-1011	.6250-11 UNJC-3B	<u>1.067</u> 1.045	.624	1.175	9.20
NTU-1210	.7500-10 UNJC-3B	<u>1.255</u> 1.231	.718	1.382	15.00
NTU-1409	.8750-9 UNJC-3B	<u>1.444</u> 1.417	.796	1.589	21.00
NTU-1608	1.0000-8 UNJC-3B	<u>1.632</u> 1.602	.922	1.796	30.00
NTU-2007	1.2500-7 UNC-3B	<u>2.008</u> 1.973	1.109± .031	2.209	57.00
NTU-2206	1.3750-6 UNC-3B	<u>2.197</u> 2.159	1.188± .031	2.416	70.00
NTU-2406	1.5000-6 UNC-3B	<u>2.384</u> 2.344	1.313± .031	2.622	95.00

**NTU** NUT—HEXAGON, HEAVY, THIN



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GREER PART NO.	THREAD (MIL-S-8879)	WIDTH ACROSS FLATS W	THICKNESS H (Max)	WIDTH ACROSS CORNERS C (Min)	APPROX. WT. LBS./100
NTU-2805	1.7500-5 UNC-3B	$\frac{2.763}{2.715}$	1.469 ± .063	3.035	140.00
NTU-3212	2.0000-12 UN-3B	$\frac{3.137}{3.086}$	1.672 ± .063	3.449	210.00
NTU-3604.5	2.2500-4½ UNC-3B	$\frac{3.514}{3.457}$	1.938 ± .063	3.862	290.00
NTU-4012	2.5000-12 UN-3B	$\frac{4.015}{3.875}$	2.187 ± .063	4.495	430.00



**NOTES:**

- To order specific material and finishes, select the appropriate prefix to precede the Greer part number:
 

21, 41 - Steel, Zinc	<b>Example:</b> 21-NTU-813 = steel - zinc, Nut - hexagon heavy-thin. 1/2-13.
22, 42 - Steel, Cadmium	
29, 49 - Steel, Plain	
L79 - Stainless, 303	
99 - Brass, Plain	
- Locking Insert . . . . . Green nylon,  
other materials on request.
- Threads . . . . . For use with MIL-S-8879 and  
MIL-S-7742 external threaded  
elements.
- Temperature . . . . . 250° F. maximum
- Approval Status . . . . . See interchangeability section of this  
catalog for approved AN/MS/NAS  
parts.

**HOW TO ORDER:**  
SEE PAGE 5 FOR DETAILED  
INFORMATION.



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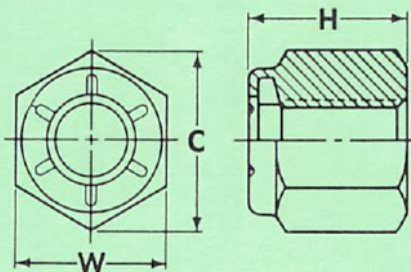
# GREER

## NYLON INSERT LOCKNUTS



HEAVY

GREER PART NO.	THREAD (MIL-S-8879)	WIDTH ACROSS FLATS	THICKNESS	WIDTH ACROSS CORNERS	APPROX. WT. LBS./100
		W	H (Max)	C (Min)	
N1260-624	.3750-24 UNJF-3B	.566 — .551	.656	.624	3.60
N1260-720	.4375-20 UNJF-3B	.628 — .612	.780	.694	3.60
N1260-820	.5000-20 UNJF-3B	.754 — .736	.827	.829	5.90
N1260-918	.5625-18 UNJF-3B	.879 — .861	.937	.969	9.60
N1260-1018	.6250-18 UNJF-3B	.942 — .922	1.015	1.037	12.00
N1260-1216	.7500-16 UNJF-3B	1.067 — 1.045	1.265	1.175	18.00
N1260-1414	.8750-14 UNJF-3B	1.255 — 1.231	1.453	1.382	30.00
N1260-1614	1.0000-14 UNS-3B	1.444 — 1.417	1.703	1.589	46.00
N1260-1812	1.1250-12 UNF-3B	1.632 — 1.602	1.874	1.796	—
N1260-2012	1.2500-12 UNF-3B	1.820 — 1.788	2.062	2.002	—
N1260-2412	1.5000-12 UNJF-3B	2.197 — 2.167	2.406	2.416	—



**NOTES:**

- To order specific materials and finishes, select the appropriate prefix to precede the Greer part number:  
  

51 - Steel, Zinc	Example:
59 - Steel, Plain	51-N1260-624 = steel - zinc, Nut - hexagon heavy U-bolt. 3/8 - 24.
- Locking Insert . . . . . Green nylon,  
other materials on request.
- Threads . . . . . For use with MIL-S-8879 and  
MIL-S-7742 external threaded  
elements
- Temperature . . . . . 250° F. maximum

**HOW TO ORDER:**  
SEE PAGE 5 FOR DETAILED  
INFORMATION.

## N1260 NUT-HEXAGON, HEAVY, U-BOLT



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Angic Global Solutions

1-888-872-0690

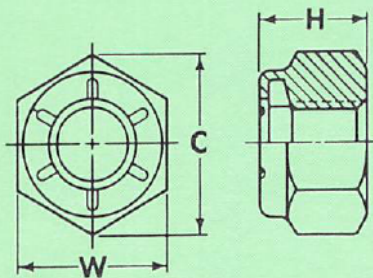
<https://www.AngicGlobal.com> [Sales@AngicGlobal.com](mailto:Sales@AngicGlobal.com)

# GREER

## NYLON INSERT LOCKNUTS



GREER PART NO.	THREAD (MIL-S-8879)	WIDTH ACROSS FLATS W	THICKNESS H (Max)	WIDTH ACROSS CORNERS C (Min)	APPROX. WT. LBS./100
1660-256 1660-264	.0860-56 UNJC-3B .0860-64 UNJF-3B	.158 — .150	.110	.169	.036
1660-348 1660-356 1660-440	.0990-48 UNJC-3B .0990-56 UNJF-3B .1120-40 UNJC-3B	.190 — .181	.125	.205	.060



### NOTES:

1. To order specific materials and finishes, select the appropriate prefix to precede the Greer part number:

- 68 - Aluminum, Alodine
- 92 - Brass, Cadmium
- 99 - Brass, Plain

#### Example:

92-1660-256 = brass - cadmium, Nut-hexagon miniature 2-56 .

- 2. Approximate weight, lbs./100 for aluminum is about 2/3 less than steel and brass.
- 3. Locking Insert . . . . . Green nylon, other materials on request.
- 4. Threads . . . . . For use with MIL-S-8879 and MIL-S-7742 external threaded elements.
- 5. Temperature . . . . . 250° F. maximum

**HOW TO ORDER:**  
SEE PAGE 5 FOR DETAILED INFORMATION.

MINIATURE

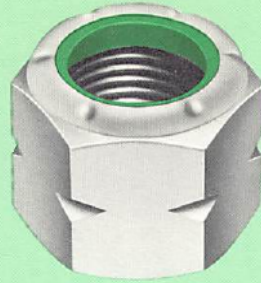
## 1660 NUT-HEXAGON, MINIATURE



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# GREER

## NYLON INSERT LOCKNUTS



GREER PART NO.	THREAD (MIL-S-8879)	WIDTH ACROSS FLATS W	THICKNESS H (Max)	WIDTH ACROSS CORNERS C (Min)	APPROX. WT. LBS./100
F52-N7582-420	.2500-20 UNJC-3B	.440	.328	.482	.88
F52-N7582-428	.2500-28 UNJF-3B	.428	.298		
F52-N7582-518	.3125-18 UNJC-3B	.502	.359	.552	1.18
F52-N7582-524	.3125-24 UNJF-3B	.492	.329		
F52-N7582-616	.3750-16 UNJC-3B	.564	.468	.622	1.82
F52-N7582-624	.3750-24 UNJF-3B	.553	.438		
F52-N7582-714U	.4375-14 UNJC-3B	.690	.468	.766	2.20
F52-N7582-720U	.4375-20 UNJF-3B	.679	.438		
F52-N7582-813	.5000-13 UNJC-3B	.752	.609	.837	4.35
F52-N7582-820	.5000-20 UNJF-3B	.741	.579		
F52-N7582-912	.5625-12 UNJC-3B	.877	.656	.978	7.10
F52-N7582-918	.5625-18 UNJF-3B	.865	.626		
F52-N7582-1011	.6250-11 UNJC-3B	.940	.765	1.051	8.60
F52-N7582-1018	.6250-18 UNJF-3B	.928	.735		
F52-N7582-1210	.7500-10 UNJC-3B	1.064	.890	1.191	12.10
F52-N7582-1216	.7500-16 UNJF-3B	1.053	.860		
F52-N7582-1409	.8750-9 UNJC-3B	1.252	.999	1.403	19.40
F52-N7582-1414	.8750-14 UNJF-3B	1.240	.969		
F52-N7582-1608	1.0000-8 UNJC-3B	1.440	1.078	1.615	28.50
F52-N7582-1612	1.0000-12 UNJF-3B	1.428	1.016		

HIGH STRENGTH  
(Steel)

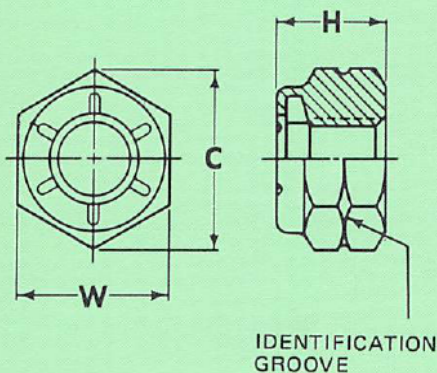
**N7582** NUT-HEXAGON, LIGHT, REGULAR HEIGHT, HIGH STRENGTH



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GREER PART NO.	THREAD (MIL-S-8879)	WIDTH ACROSS FLATS W	THICKNESS H (Max)	WIDTH ACROSS CORNERS C (Min)	APPROX. WT. LBS./100
F52-N7582-1807	1.1250-7 UNJC-3B	<u>1.627</u>	<u>1.203</u>	1.826	41.90
F52-N7582-1812	1.1250-12 UNJF-3B	1.615	1.141		
F52-N7582-2007	1.2500-7 UNJC-3B	<u>1.814</u>	<u>1.422</u>	2.038	60.30
F52-N7582-2012	1.2500-12 UNJF-3B	1.801	1.360		
F52-N7582-2206	1.3750-6 UNJC-3B	<u>2.008</u>	<u>1.609</u>	2.232	77.00
F52-N7582-2212	1.3750-12 UNJC-3B	1.973	1.547		
F52-N7582-2406	1.5000-6 UNJC-3B	<u>2.197</u>	<u>1.640</u>	2.444	100.00
F52-N7582-2412	1.5000-12 UNJC-3B	2.159	1.578		
F52-N7582-2805	1.7500-5 UNJC-3B	<u>2.762</u>	<u>2.376</u>	3.075	250.00
F52-N7582-2812	1.7500-12 UNJC-3B	2.715	2.250		
F52-N7582-3204.5	2.0000-4½ UNJC-3B	<u>3.137</u>	<u>2.463</u>	3.497	310.00
		3.086	2.343		
F52-N7582-3604.5	2.2500-4½ UNJC-3B	<u>3.514</u>	<u>2.876</u>	3.918	450.00
		3.451	2.750		
F52-N7582-4004	2.500-4 UNJC-3B	<u>4.015</u>	<u>3.204</u>	4.393	682.00
		3.875	3.078		

**NOTES:**



1. Material . . . . . Available in .40 maximum carbon steel, heat treated to Rc 26-34.
2. Finish . . . . . Cadmium plated per QQ-P-416, Type II, Class 3.
3. Locking Insert . . . . . Green nylon, other materials on request.
4. Threads . . . . . For use with MIL-S-8879 and MIL-S-7742 external threaded elements.
5. Procurement Spec. . . MIL-N-25027 except axial tensile strength.

**HOW TO ORDER:**  
SEE PAGE 5 FOR DETAILED INFORMATION.

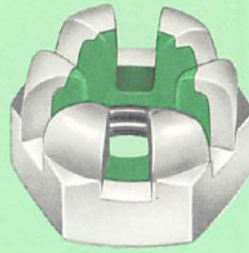
**HIGH STRENGTH**  
(Steel)



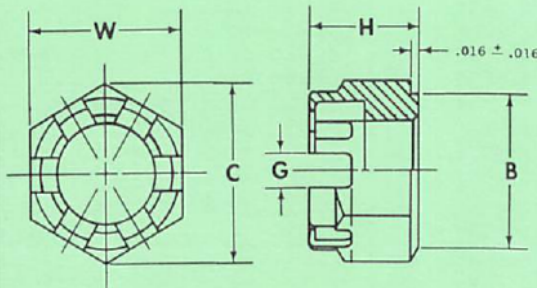
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# GREER

## NYLON INSERT LOCKNUTS



GREER PART NO.	THREAD (MIL-S-8879)	WIDTH ACROSS FLATS W	THICKNESS ±.015 H (Max)	WIDTH ACROSS CORNERS C (Min)	CHAMFER DIA. B	SLOT WIDTH G	APPROX. WT. LBS./100
F12-NMC-1032	.1900-32 UNJF-3B	.376 .367	.250	.410	.376 .355	.108 .078	.35
F12-NEC-428	.2500-28 UNJF-3B	.439 .430	.281	.482	.439 .418	.108 .078	.46
F12-NEC-524	.3125-24 UNJF-3B	.502 .492	.328	.552	.502 .480	.108 .078	.89
F12-NEC-624	.3750-24 UNJF-3B	.564 .553	.406	.622	.564 .543	.155 .125	1.14
F12-NEC-720	.4375-20 UNJF-3B	.690 .679	.453	.694	.690 .675	.155 .125	1.63
F12-NEC-820	.5000-20 UNJF-3B	.752 .741	.563	.837	.752 .737	.155 .125	3.24
F12-NEC-918	.5625-18 UNJF-3B	.877 .865	.609	.978	.877 .862	.187 .157	5.09
F12-NEC-1018	.6250-18 UNJF-3B	.940 .928	.719	1.051	.940 .925	.187 .157	8.48
F12-NEC-1216	.7500-16 UNJF-3B	1.064 1.052	.813	1.191	1.064 1.049	.187 .157	13.90



HOW TO ORDER:  
SEE PAGE 5 FOR DETAILED INFORMATION.

NOTES:

1. Material ..... .40 max. carbon steel.
2. Finish ..... Cadmium plated per QQ-P-416, Type II, Class 2.
3. Locking Insert ..... Green nylon, other materials on request.
4. Threads ..... For use with MIL-S-8879 and MIL-S-7742 external threaded elements.
5. Temperature ..... 250° F. maximum.
6. Performance ..... MIL-N-25027 except axial tensile strength, vibration and locking torque as specified in military standard MS17825.
7. Conformance ..... The NMC and NEC conforms to MS17825.

## NMC - NEC NUT-HEXAGON, LIGHT, REG. HEIGHT, CASTELLATED



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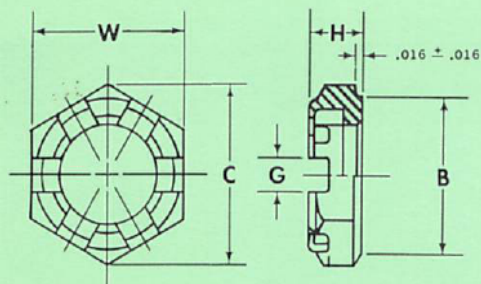
# GREER

## NYLON INSERT LOCKNUTS



CASTELLATED

GREER PART NO.	THREAD (MIL-S-8879)	WIDTH ACROSS FLATS	THICKNESS	WIDTH ACROSS CORNERS	CHAMFER DIA.	SLOT WIDTH	APPROX. WT. LBS./100
		W	± .015 H (Max)	C (Min)	B	G	
F12-NTMC-1032	.1900-32 UNJF-3B	.376	.188	.410	.376	.108	.27
		.367					
F12-NTEC-428	.2500-28 UNJF-3B	.439	.188	.482	.439	.108	.36
		.430					
F12-NTEC-524	.3125-24 UNJF-3B	.502	.188	.552	.502	.108	.46
		.492					
F12-NTEC-624	.3750-24 UNJF-3B	.564	.219	.622	.564	.155	.59
		.553					
F12-NTEC-720	.4375-20 UNJF-3B	.690	.219	.694	.690	.155	.71
		.679					
F12-NTEC-820	.5000-20 UNJF-3B	.752	.250	.837	.752	.155	1.31
		.741					
F12-NTEC-918	.5625-18 UNJF-3B	.877	.313	.978	.877	.187	2.43
		.865					
F12-NTEC-1018	.6250-18 UNJF-3B	.940	.313	1.051	.940	.187	3.29
		.928					
F12-NTEC-1216	.7500-16 UNJF-3B	1.064	.375	1.191	1.064	.187	4.80
		1.052					



### NOTES:

1. Material ..... .40 max. carbon steel.
2. Finish ..... Cadmium plated per QQ-P-416, Type II, Class 2.
3. Locking Insert ..... Green nylon, other materials on request.
4. Threads ..... For use with MIL-S-8879 and MIL-S-7742 external threaded elements.
5. Temperature ..... 250° F. maximum.
6. Performance ..... MIL-N-25027 except axial tensile strength, vibration and locking torque as specified in military standard MS17826.
7. Conformance ..... The NTMC and NTEC conforms to MS17826.

**HOW TO ORDER:**  
SEE PAGE 5 FOR DETAILED  
INFORMATION.

## NTMC - NTEC

NUT-HEXAGON, LIGHT, THIN, CASTELLATED



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# GREER

## NYLON INSERT LOCKNUTS



CLINCH NUTS

GREER PART NO.	THREAD	W	J	H	E	B	C	D	APPROX. WT. LBS./100
NC1-440	.1120-40 UNJC-3B	.250	.063	.141	.147	.189	.275	.063	.17
NC2-440			.085					.085	
NC3-440			.105					.105	
NC4-440			.135					.135	
NC1-632	.1380-32 UNJC-3B	.313	.063	.188	.165	.222	.344	.063	.32
NC2-632			.085					.085	
NC3-632			.105					.105	
NC4-632			.135					.135	
NC1-832	.1640-32 UNJC-3B	.375	.063	.250	.220	.275	.413	.063	.61
NC2-832			.085					.085	
NC3-832			.105					.105	
NC4-832			.135					.135	
NC1-1024	.1900-24 UNJC-3B	.375	.063	.250	.220	.275	.413	.063	.56
NC2-1024			.085					.085	
NC3-1024			.105					.105	
NC4-1024			.135					.135	
NC1-1032	.1900-32 UNJF-3B	.375	.063	.250	.220	.275	.413	.063	.56
NC2-1032			.085					.085	
NC3-1032			.105					.105	
NC4-1032			.135					.135	
NC1-420	.2500-20 UNJC-3B	.438	.063	.313	.280	.359	.488	.063	1.00
NC2-420			.085					.085	
NC3-420			.105					.105	
NC4-420			.135					.135	

**NC** NUT-CLINCH



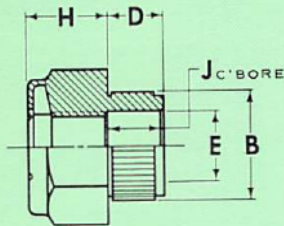
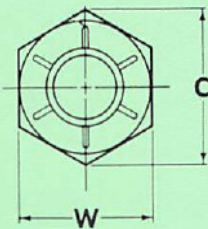
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GREER PART NO.	THREAD	W	J	H	E	B	C	D	APPROX. WT. LBS./100
NC1-428 NC2-428 NC3-428 NC4-428	.2500-28 UNJF-3B	.438	.063 .085 .105 .135	.313	.280	.359	.488	.063 .085 .105 .135	1.00
NC1-518 NC2-518 NC3-518 NC4-518 NC5-518	.3125-18 UNC-3B	.500	.080 .080 .105 .135 .165	.344	.343	.416	.557	.063 .085 .105 .135 .165	1.35
NC1-524 NC2-524 NC3-524 NC4-524 NC5-524	.3125-24 UNF-3B	.500	.080 .080 .105 .135 .165	.344	.343	.416	.577	.063 .085 .105 .135 .165	1.35

**NOTES:**

- To order specific materials and finishes, select the appropriate prefix to precede the Greer part number:
  - 22 - Steel, Cadmium
  - L79 - Stainless Steel, 303 or equivalent
  - 68 - Aluminum, Anodized

**Example:**  
22-NC1-524 = steel - cadmium, Nut - clinch.  
5/16 - 24.
- Approximate weight, lbs./100 for aluminum is about 2/3 less than steel and brass.
- Locking Insert . . . . . Green nylon, other materials on request.
- Threads . . . . . For use with MIL-S-8879 and MIL-S-7742 external threaded elements.
- Temperature . . . . . 250° F. maximum
- Procurement Spec. . . MIL-N-25027 as applicable.



**HOW TO ORDER:**  
SEE PAGE 5 FOR DETAILED INFORMATION.



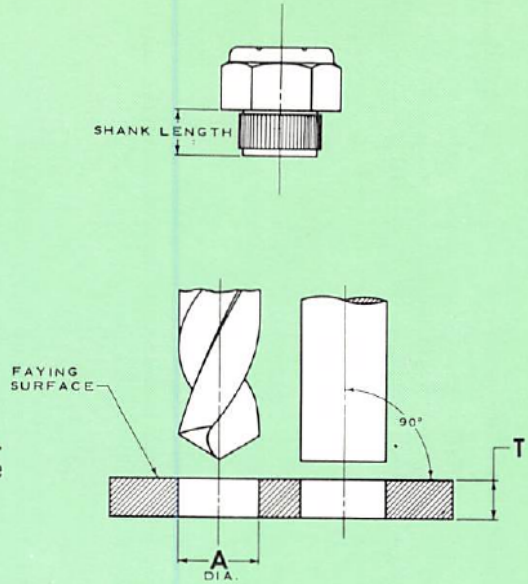
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**1. Select Shank Length:**

Shank	Shank Length (Ref)	Sheet Thickness T	
		Max.	Min.
NC1	.063	.031	.020
NC2	.085	.053	.032
NC3	.105	.073	.054
NC4	.135	.103	.074
NC5	.165	.133	.104
NC6	.195	.163	.134

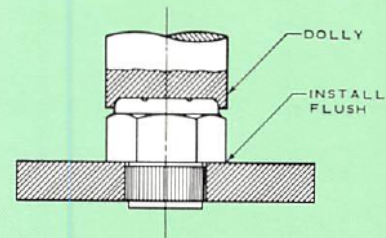
**2. Prepare "A" Diameter Hole:**

"A" diameter (installation hole) may be punched or drilled. Do not break or chamfer hole edges. Holes should be prepared clean, round and at 90° to the faying surface.



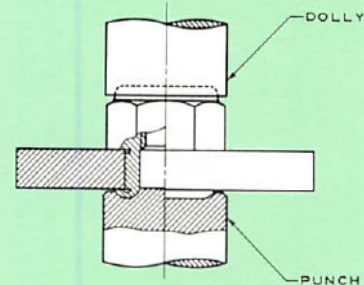
**3. Installation Data:**

Nut Size	Installation Hole A Dia.		Recommended Installation Pressure (LBS)			Minimum C'Bore B Dia.
	Max.	Min.	Steel Nut	Stainless Steel Nut	Aluminum Nut	
440 448	.186	.184	1800	1800	1400	.332
632 640	.219	.217	2500	2500	1900	.395
832 836	.271	.268	3500	3500	2100	.457
1024 1032	.271	.268	3500	3500	2100	.457
420 428	.355	.352	5000	5000	4000	.520



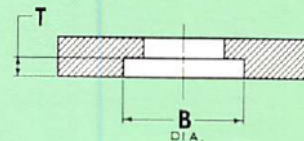
**4. Installation Procedure:**

- A. Select the applicable tools (punch & dolly) as shown above. Place the dolly on top of nut and fully seat the nut flush with the faying surface of the sheet, using pressure from a small power press or light hammer on top of dolly. (DO NOT PRESS OR STRIKE DIRECTLY ON TOP OF NUT)
- B. Place the dolly against the top of the nut and center the punch on protruding shank, exert installation pressure recommended above to clinch the nut securely in the sheet. The clinched nut is an integral part of the structure that will resist torque out and push out forces.



**5. Recess Installation:**

For structures where the sheet thickness is greater than .163 maximum or for flush mounting requirements, a C'bore recess may be utilized. See table above for the minimum C'bore diameter.



**NC** INSTALLATION PROCEDURE, CLINCH NUT



# GREER

## NYLON INSERT LOCKNUTS



GREER PART NO.	THREAD	B	D	E	H Max.	J Ref.	N Max.	W Max.
NCFMA1-256 NCFMA2-256	.0860-56 UNJC-3B	.129	.040 .060	.098	.085	.040 .060	.150	.177
NCFMA1-440 NCFMA2-440	.1120-40 UNJC-3B	.160	.040 .060	.130	.100	.040 .060	.192	.208
NCFMA1-632 NCFMA2-632	.1380-32 UNJC-3B	.192	.040 .060	.154	.140	.040 .060	.242	.286
NCFMA1-832 NCFMA2-832	.1640-32 UNJC-3B	.223	.040 .060	.180	.170	.040 .060	.268	.317
NCFMA1-1032 NCFMA2-1032	.1900-32 UNJF-3B	.254	.040 .060	.212	.189	.040 .060	.287	.349

### NOTES:

1. To order specific materials and finishes, select the appropriate prefix to precede the Greer part number:

12 - Steel, Alloy  
22 - Steel, Cadmium  
L79 - Stainless Steel,  
AISI 303 or  
equivalent.

#### Example:

12-NCFMA1-256=steel-alloy,  
Nut - clinch miniature.  
2-56

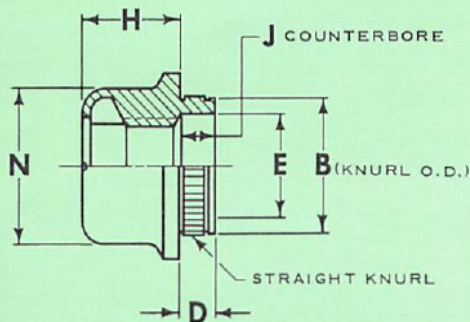
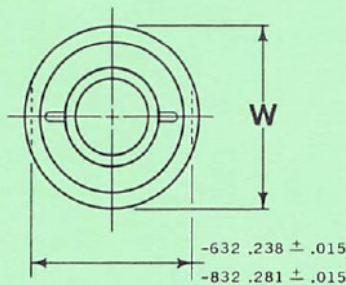
2. Locking Insert ..... Green nylon, other materials on request.

3. Threads ..... For use with MIL-S-8879 and MIL-S-7742 external threaded elements.

4. Temperature ..... 250° F. maximum.

350° F. on application

5. Procurement Spec. .... MIL-N-25027 as applicable.



**HOW TO ORDER:**  
SEE PAGE 5 FOR DETAILED  
INFORMATION.

## NCFMA NUT-CLINCH, MINIATURE



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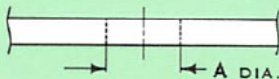
**1. Select Shank Length**

SHEET THICKNESS T	CLINCH NUT SHANK LENGTH
Thru .030	See Note 1
.030-.040	NCFMA1
.040 & Above	NCFMA2 See Note 2

Note 1. The NCFMA1 shank length may be used with thicknesses of .030 and less with good retaining characteristics; however, the shank will protrude a slight amount. Use the flush mounting punch.

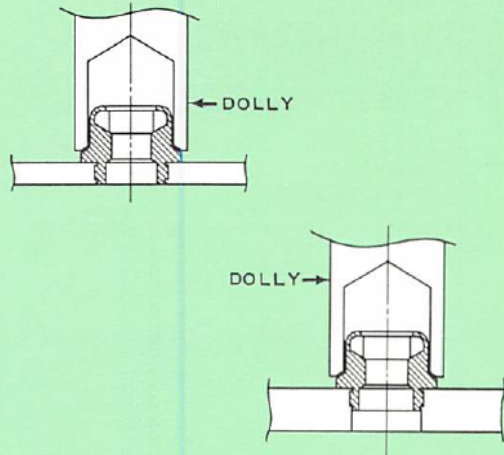
Note 2. The NCFMA2 shank length may be used with any thickness .040 and above. For material thickness greater than .060, use the internal flaring punch.

**2. Prepare "A" Diameter Hole**

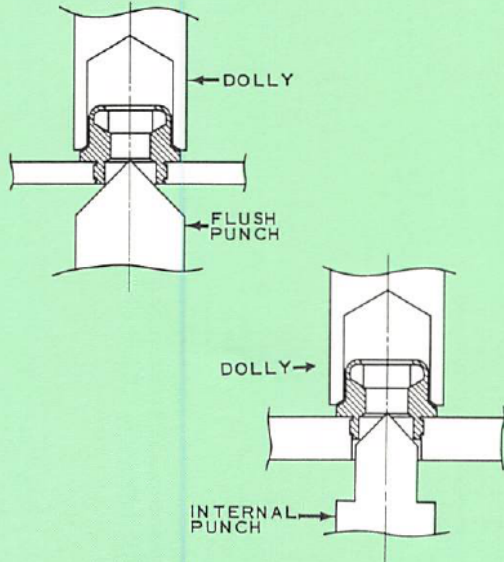


CLINCH NUT SIZE	A ± .001
2-56	.125
4-40	.156
6-32	.188
8-32	.219
10-32	.250

**3. Press in Clinch Nut**



**4. Flare Nut Shank to Approximate "A" Diameter**



Flaring pressures will vary depending on materials. Nut shank should be flared to approximately the diameter of the installation hole or to a diameter which will offer a maximum resistance to push-out.

**NCFMA** INSTALLATION PROCEDURE



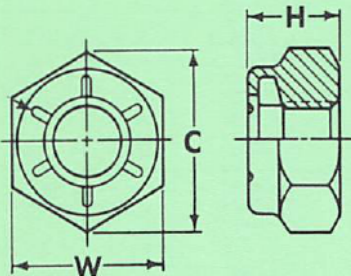
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# GREER

## NYLON INSERT LOCKNUTS



GREER PART NO.	THREAD (MIL-S-8879)	WIDTH ACROSS FLATS W	THICKNESS H (Max)	WIDTH ACROSS CORNERS C (Min)	APPROX. WT. LBS./100
09-NTU-420	.2500-20 UNJC-3B	<u>.503</u> .489	.296	.556	1.13
09-NTU-518	.3125-18 UNJC-3B	<u>.566</u> .551	.328	.624	1.58
09-NTU-616	.3750-16 UNJC-3B	<u>.691</u> .675	.421	.763	3.05
09-NTU-714	.4375-14 UNJC-3B	<u>.754</u> .736	.453	.829	3.72
09-NTU-813	.5000-13 UNJC-3B	<u>.879</u> .861	.546	.969	6.10
09-NTU-1011	.6250-11 UNJC-3B	<u>1.067</u> 1.045	.624	1.175	10.39
09-NTU-1210	.7500-10 UNJC-3B	<u>1.255</u> 1.231	.718	1.382	16.95
09-NTU-1409	.8750-9 UNJC-3B	<u>1.444</u> 1.417	.796	1.589	23.73
09-NTU-1608	1.0000-8 UNJC-3B	<u>1.632</u> 1.602	.922	1.796	33.90



### NOTES:

1. Material . . . . . Monel, R405. (QQ-N-281, Class B)
2. Locking Insert . . . . . Green nylon
3. Threads . . . . . For use with MIL-S-8879 and MIL-S-7742 external threaded elements.
4. Temperature . . . . . 250° F. maximum
5. Procurement Spec . . . MS-17828 will apply. See interchangeability section of this catalog for approved AN/MS/NAS parts.

**HOW TO ORDER:**  
SEE PAGE 5 FOR DETAILED INFORMATION.

**MONEL**  
(Heavy - Thin)

**NTU** NUT-HEXAGON, MONEL, HEAVY-THIN



Get quote »

# GREER

## NYLON INSERT LOCKNUTS



MONEL  
(Heavy)

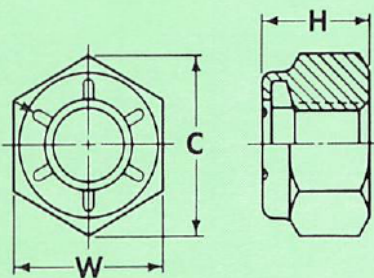
GREER PART NO.	THREAD (MIL-S-8879)	WIDTH ACROSS FLATS W	THICKNESS	WIDTH ACROSS CORNERS C (Min)	APPROX. WT. LBS./100
			H (Max)		
09-NU-420	.2500-20 UNJC-3B	.504	.390	.552	1.75
		.492	.360		
09-NU-518	.3125-18 UNJC-3B	.566	.453	.622	2.45
		.533	.423		
09-NU-616	.3750-16 UNJC-3B	.692	.562	.766	4.40
		.679	.532		
09-NU-714	.4375-14 UNJC-3B	.755	.609	.837	5.60
		.741	.579		
09-NU-813	.5000-13 UNJC-3B	.880	.718	.978	9.50
		.865	.688		
09-NU-912	.5625-12 UNJC-3B	.944	.812	1.051	11.60
		.928	.782		
09-NU-1011	.6250-11 UNJC-3B	1.068	.874	1.191	16.25
		1.052	.844		
09-NU-1210	.7500-10 UNJC-3B	1.257	1.015	1.403	26.70
		1.239	.985		
09-NU-1409	.8750-9 UNJC-3B	1.446	1.140	1.615	39.45
		1.427	1.110		
09-NU-1608	1.0000-8 UNJC-3B	1.634	1.312	1.826	55.70
		1.614	1.250		
09-NU-1807	1.1250-7 UNJC-3B	1.822	1.469	2.038	80.00
		1.801	1.407		
09-NU-2007	1.2500-7 UNJC-3B	2.011	1.672	2.232	106.75
		1.973	1.610		
09-NU-2206	1.3750-6 UNJC-3B	2.200	1.828	2.444	139.25
		1.159	1.766		
09-NU-2406	1.5000-6 UNJC-3B	2.388	1.953	2.622	174.00
		2.344	1.891		
09-NU-2805	1.7500-5 UNJC-3B	2.766	2.376	3.075	278.40
		2.715	2.250		
09-NU-3204.5	2.0000-4½ UNC-3B	3.142	2.469	3.497	359.60
		3.086	2.343		

**NU** NUT—HEXAGON, MONEL, HEAVY



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GREER PART NO.	THREAD (MIL-S-8879)	WIDTH ACROSS FLATS W	THICKNESS H (Max)	WIDTH ACROSS CORNERS C (Min)	APPROX. WT. LBS./100
09-NU-3604	2.2500-4½ UNC-3B	3.518	2.876	3.918	522.00
		3.457	2.750		



**NOTES:**

1. Material. . . . . Monel R405. (QQ-N-281, Class B)
2. Locking Insert . . . . . Green nylon
3. Threads . . . . . For use with MIL-S-8879 and MIL-S-7742 external threaded elements.
4. Temperature . . . . . 250° F. maximum
5. Procurement Spec . . . MS-17828 will apply. See interchangeability section of this catalog for approved AN/MS/NAS parts.

**HOW TO ORDER:  
SEE PAGE 5 FOR DETAILED  
INFORMATION.**

# GREER

## NYLON INSERT LOCKNUTS



GREER PART NO.	THREAD (MIL-S-8879)	WIDTH ACROSS FLATS	THICKNESS	WIDTH ACROSS CORNERS	APPROX. WT. LBS./100
		W	H (Max)	C (Min)	
09-NM-440	.1120-40 UNJC-3B	.252 — .243	.153 — .133	.268	.14
09-NM-540	.1250-40 UNJC-3B	.252 — .243	.153 — .133	.268	.14
09-NM-632	.1380-32 UNJC-3B	.316 — .305	.188 — .168	.339	.26
09-NM-832	.1640-32 UNJC-3B	.347 — .336	.239 — .219	.374	.42
09-NM-1024	.1900-24 UNJC-3B	.378 — .367	.249 — .229	.410	.50
09-NM-1032	.1900-32 UNJF-3B	.378 — .367	.249 — .299	.410	.50
09-NE-420	.2500-20 UNJC-3B	.439 — .430	.328 — .298	.482	1.13
09-NE-428	.2500-28 UNJF-3B	.439 — .430	.328 — .298	.482	1.13
09-NE-518	.3125-18 UNJC-3B	.504 — .492	.359 — .329	.552	1.51
09-NE-524	.3125-24 UNJF-3B	.504 — .492	.359 — .329	.552	1.51
09-NE-616	.3750-16 UNJC-3B	.566 — .553	.468 — .438	.622	2.26
09-NE-624	.3750-24 UNJF-3B	.566 — .553	.468 — .438	.622	2.26
09-NE-714U	.4375-14 UNJC-3B	.692 — .679	.468 — .438	.766	3.89
09-NE-720U	.4375-20 UNJF-3B	.692 — .679	.468 — .438	.766	3.89
09-NE-813	.5000-13 UNJC-3B	.755 — .741	.609 — .579	.837	5.39
09-NE-820	.5000-20 UNJF-3B	.755 — .741	.609 — .579	.837	5.39
09-NE-912	.5625-12 UNJC-3B	.880 — .865	.656 — .626	.978	8.90
09-NE-918	.5625-18 UNJF-3B	.880 — .865	.656 — .626	.978	8.90
09-NE-1011	.6250-11 UNJC-3B	.944 — .928	.765 — .735	1.051	10.40
09-NE-1018	.6250-18 UNJF-3B	.944 — .928	.765 — .735	1.051	10.40
09-NE-1210	.7500-10 UNJC-3B	1.068 — 1.052	.890 — .860	1.191	15.03
09-NE-1216	.7500-16 UNJF-3B	1.068 — 1.052	.890 — .860	1.191	15.03
09-NE-1409	.8750-9 UNJC-3B	1.257 — 1.239	.999 — .969	1.403	23.80
09-NE-1414	.8750-14 UNJF-3B	1.257 — 1.239	.999 — .969	1.403	23.80
09-NE-1608	1.0000-8 UNJC-3B	1.446 — 1.427	1.078 — 1.016	1.615	33.82
09-NE-1612	1.0000-12 UNJF-3B	1.446 — 1.427	1.078 — 1.016	1.615	33.82

MONEL  
(Standards)

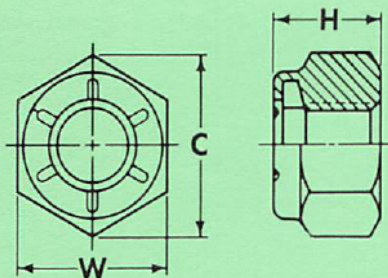
**NM - NE** NUT-HEXAGON, MONEL REGULAR HEIGHT



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GREER PART NO.	THREAD (MIL-S-8879)	WIDTH ACROSS FLATS W	THICKNESS H (Max.)	WIDTH ACROSS CORNERS C (Min)	APPROX. WT. LBS./100
09-NE-1807 09-NE-1812	1.1250-7 UNJC-3B 1.1250-12 UNJF-3B	<u>1.627</u> 1.615	1.203	1.826	41.90
09-NE-2007 09-NE-2012	1.2500-7 UNJC-3B 1.2500-12 UNJF-3B	<u>1.815</u> 1.803	1.422	2.038	60.30
09-NE-2206 09-NE-2212	1.3750-6 UNJC-3B 1.3750-12 UNJF-3B	<u>2.011</u> 1.973	1.609 1.547	2.232 2.249	96.46
09-NE-2406 09-NE-2412	1.5000-6 UNJC-3B 1.5000-12 UNJF-3B	<u>2.200</u> 2.159	1.640 1.578	2.416	125.28

**NOTES:**



1. Material ..... Monel R405. (QQ-N-281, Class B)
2. Locking Insert ..... Green nylon,  
other materials on request.
3. Threads ..... For use with MIL-S-8879 and  
MIL-S-7742 external threaded  
elements.
4. Temperature ..... 250° F. maximum
5. Procurement Spec ... MS-17828 will apply. See inter-  
changeability section of this catalog  
for approved AN/MS/NAS parts.

**HOW TO ORDER:  
SEE PAGE 5 FOR DETAILED  
INFORMATION.**

**MONEL**  
(Standards)



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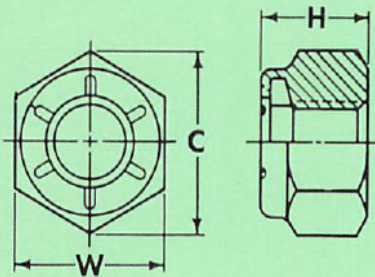
# GREER

## NYLON INSERT LOCKNUTS



GREER PART NO.	THREAD (MIL-S-8879)	WIDTH ACROSS FLATS W	THICKNESS H (Max)	WIDTH ACROSS CORNERS C (Min)	APPROX. WT. LBS./100
NMJ-440	.1120-40 UNJC-3B	.251 .243	.153	.275	.05
NMJ-632	.1380-32 UNJC-3B	.313 .305	.188	.344	.09
NMJ-832	.1640-32 UNJC-3B	.345 .336	.280	.378	.16
NMJ-1032	.1900-32 UNJF-3B	.376 .367	.280	.413	.19
NMJ-428	.2500-28 UNJF-3B	.439 .430	.360	.488	.36

### NOTES:



**HOW TO ORDER:**  
SEE PAGE 5 FOR DETAILED INFORMATION.

1. Material ..... Aluminum Alloy  
Aluminum Alloy
2. Finish ..... Anodized per MIL-A-8625,  
blue dyed and lubricated.
3. Locking Insert ..... Green Nylon
4. Threads ..... For use with MIL-S-8879 and  
MIL-S-7742 external threaded  
elements.
5. Temperature ..... 250° F. maximum
6. Procurement Spec. . . MIL-N-25027. See interchangeability  
section of this catalog for approved  
MS/NAS parts.

# GREER

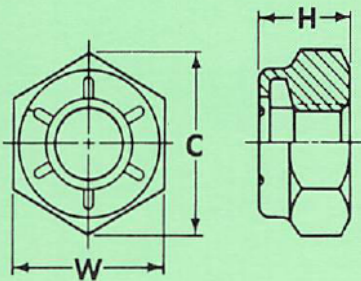
## NYLON INSERT LOCKNUTS



GREER PART NO.	THREAD (MIL-S-8879)	WIDTH ACROSS FLATS W	THICKNESS H (Max)	WIDTH ACROSS CORNERS C (Min)	APPROX. WT. LBS./100
NTMJ-440	.1120-40 UNJC-3B	.251 .243	.124	.275	.04
NTMJ-632	.1380-32 UNJC-3B	.313 .305	.140	.344	.07
NTMJ-832	.1640-32 UNJC-3B	.345 .336	.187	.378	.12
NTMJ-1032	.1900-32 UNJF-3B	.376 .367	.187	.413	.14
NTMJ-428	.2500-28 UNJF-3B	.439 .430	.218	.488	.18

### NOTES:

1. Material . . . . . Aluminum alloy
2. Finish . . . . . Anodized per MIL-A-8625, blue dyed and lubricated.
3. Locking Insert . . . . . Green nylon
4. Threads . . . . . For use with MIL-S-8879 and MIL-S-7742 external threaded elements.
5. Temperature . . . . . 250° F. maximum
6. Procurement Spec. . . . . MIL-N-25027. See interchangeability section of this catalog for approved MS/NAS parts.



**HOW TO ORDER:**  
SEE PAGE 5 FOR DETAILED INFORMATION.

## NTMJ NUT—HEXAGON, ALUMINUM, HIGH STRENGTH, THIN



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# GREER

## NYLON INSERT LOCKNUTS



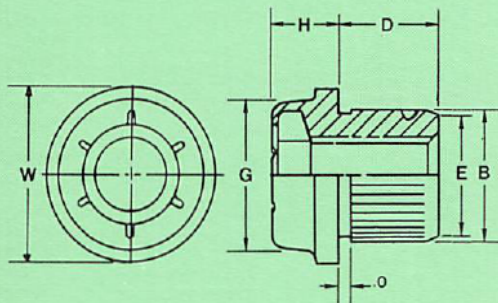
GREER PART NO.	THREAD	W	D	H	E	B	G	RECOMMENDED INSTALLATION HOLE SIZE	APPROX. WT. LBS./100
ND8-832	.1640-32 UNJC-3B	.438	.125	.172	.287	.325	.370	.316	.57
ND10-832			.156						.62
ND12-832			.188						.67
ND14-832			.219						.72
ND16-832			.250						.77
ND18-832			.281						.82
ND20-832			.313						.87
ND8-1032	.1900-32 UNJF-3B	.438	.125	.172	.287	.325	.370	.316	.53
ND10-1032			.156						.58
ND12-1032			.188						.63
ND14-1032			.219						.68
ND16-1032			.250						.73
ND18-1032			.281						.78
ND20-1032			.313						.83
ND24-1032	.376	.93							
ND8-428	.2500-28 UNJF-3B	.563	.125	.188	.350	.338	.438	.379	.70
ND10-428			.156						.80
ND12-428			.188						.90
ND14-428			.219						1.00
ND16-428			.250						1.10
ND18-428			.281						1.20
ND20-428			.313						1.30
ND24-428			.376						1.50
ND28-428			.438						1.70
ND8-524	.3125-24 UNJF-3B	.625	.125	.234	.412	.450	.506	.441	1.00
ND10-524			.156						1.10
ND12-524			.188						1.20
ND14-524			.219						1.30
ND16-524			.250						1.40
ND18-524			.281						1.50
ND20-524			.313						1.60
ND24-524			.376						1.80
ND32-524	.500	2.20							
ND10-624	.3750-24 UNJF-3B	.688	.156	.281	.475	.513	.559	.504	1.30
ND12-624			.188						1.40
ND14-624			.219						1.50
ND16-624			.250						1.60
ND20-624			.313						1.80
ND24-624			.376						2.00
ND28-624			.438						2.20
ND32-624	.500	2.40							

**ND** NUT-SPLINE



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GREER PART NO.	THREAD	W	D	H	E	B	G	RECOMMENDED INSTALLATION HOLE SIZE	APPROX. WT. LBS./100
ND16-720 ND22-720 ND28-720 ND36-720	.4375-20 UNJF-3B	.750	.250 .344 .438 .563	.359	.537	.575 .571	.630	.566 .562	2.00 2.30 2.60 3.00
ND22-820 ND24-820 ND28-820 ND36-820	.5000-20 UNJF-3B	.875	.344 .376 .438 .563	.375	.662	.700 .696	.757	.691 .687	3.90 4.00 4.20 4.60



**NOTES:**

- To order specific materials and finishes, select the appropriate prefix to precede the Greer part number:
  - 22, 42 - Steel, Cadmium      Example:
  - 09 - Monel, Unplated      42 ND8-428
  - Nut-Spline, 1/4-28
- Finish ..... Cadmium plate, QQ-P-416, Type I, Class 3.
- Locking Insert ..... Green nylon
- Threads ..... For use with MIL-S-8879 and MIL-S-7742 external threaded elements.
- Temperature ..... 250° F. maximum
- Concentricity ..... Shank O.D. concentric with P.D. of threads within .007 F.I.R.
- Procurement Spec. . . Torque MIL-N-25027.
- Greer spline nuts are not normally available in the number 6 thread size. Greer type "NC" clinch nuts are better adapted for the thin sheet metal generally used in applications utilizing number 6 screws.

**HOW TO ORDER:**  
SEE PAGE 5 FOR DETAILED INFORMATION.



Get quote »

AN Number	Greer Number	AN Number	Greer Number	AN Number	Greer Number
AN364-632	F22NTM-632	AN364B820	Y92NTE-820	AN365-428	F42NE-428
AN364-632A	F22NTM-632	AN364B820A	Y92NTE-820	AN365-428A	F42NE-428
AN364-640	F22NTM-640	AN364B918	Y92NTE-918	AN365-524	F42NE-524
AN364-640A	F22NTM-640	AN364B918A	Y92NTE-918	AN365-524A	F42NE-524
AN364-832	F22NTM-832	AN364B1018	Y92NTE-1018	AN365-624	F52NE-624
AN364-832A	F22NTM-832	AN364B1018A	Y92NTE-1018	AN365-624A	F52NE-624
AN364-836	F22NTM-836	AN364B1216	Y92NTE-1216	AN365-720	F52NE-720
AN364-836A	F22NTM-836	AN364B1216A	Y92NTE-1216	AN365-720A	F52NE-720
AN364-1032	F22NTM-1032	AN364B1414	Y92NTE-1414	AN365-820	F52NE-820
AN364-1032A	F22NTM-1032	AN364B1414A	Y92NTE-1414	AN365-820A	F52NE-820
AN364-428	F52NTE-428	AN364B1614	Y92NTE-1614	AN365-918	F52NE-918
AN364-428A	F52NTE-428	AN364B1614A	Y92NTE-1614	AN365-918A	F52NE-918
AN364-524	F52NTE-524			AN365-1018	F52NE-1018
AN364-524A	F52NTE-524	AN364D632	68NTM-632	AN365-1018A	F52NE-1018
AN364-624	F52NTE-624	AN364D632A	68NTM-632	AN365-1216	F52NE-1216
AN364-624A	F52NTE-624	AN364D832	68NTM-832	AN365-1216A	F52NE-1216
AN364-720	F52NTE-720	AN364D832A	68NTM-832	AN365-1414	F52NE-1414
AN364-720A	F52NTE-720	AN364D1032	68NTM-1032	AN365-1414A	F52NE-1414
AN364-820	F52NTE-820	AN364D1032A	68NTM-1032	AN365-1614	F52NE-1614
AN364-820A	F52NTE-820	AN364D428	68NTE-428	AN365-1614A	F52NE-1614
		AN364D428A	68NTE-428	AN365-1812	F52NE-1812
AN364-918	F52NTE-918	AN364D524	68NTE-524	AN365-1812A	F52NE-1812
AN364-918A	F52NTE-918	AN364D524A	68NTE-524	AN365-2012	F52NE-2012
AN364-1018	F52NTE-1018	AN364D624	68NTE-624	AN365-2012A	F52NE-2012
AN364-1018A	F52NTE-1018	AN364D624A	68NTE-624		
AN364-1216	F52NTE-1216	AN364D720	68NTE-720	AN365B440	Y92NM-440
AN364-1216A	F52NTE-1216	AN364D720A	68NTE-720	AN365B440A	Y92NM-440
AN364-1414	F52NTE-1414	AN364D820	68NTE-820	AN365B632	Y92NM-632
AN364-1414A	F52NTE-1414	AN364D820A	68NTE-820	AN365B632A	Y92NM-632
AN364-1614	F52NTE-1614	AN364D918	68NTE-918	AN365B832	Y92NM-832
AN364-1614A	F52NTE-1614	AN364D918A	68NTE-918	AN365B832A	Y92NM-832
AN364-1812	F52NTE-1812	AN364D1018	68NTE-1018	AN365B1032	Y92NM-1032
AN364-1812A	F52NTE-1812	AN364D1018A	68NTE-1018	AN365B1032A	Y92NM-1032
AN364-2012	F52NTE-2012	AN364D1216	68NTE-1216	AN365B428	Y92NE-428
AN364-2012A	F52NTE-2012	AN364D1216A	68NTE-1216	AN365B428A	Y92NE-428
		AN364D1414	68NTE-1414	AN365B524	Y92NE-524
AN364B836	Y92NTM-836	AN364D1414A	68NTE-1414	AN365B524A	Y92NE-524
AN364B836A	Y92NTM-836	AN364D1614	68NTE-1614	AN365B624	Y92NE-624
AN364B1032	Y92NTM-1032	AN364D1614A	68NTE-1614	AN365B624A	Y92NE-624
AN364B1032A	Y92NTM-1032			AN365B720	Y92NE-720
AN364B428	Y92NTE-428	AN365-440	F22NM-440	AN365B720A	Y92NE-720
AN364B428A	Y92NTE-428	AN365-440A	F22NM-440	AN365B820	Y92NE-820
AN364B524	Y92NTE-524	AN365-632	F22NM-632	AN365B820A	Y92NE-820
AN364B524A	Y92NTE-524	AN365-632A	F22NM-632	AN365B918	Y92NE-918
AN364B624	Y92NTE-624	AN365-832	F22NM-832	AN365B918A	Y92NE-918
AN364B624A	Y92NTE-624	AN365-832A	F22NM-832	AN365B1018	Y92NE-1018
AN364B720	Y92NTE-720	AN365-1032	F22NM-1032	AN365B1018A	Y92NE-1018
AN364B720A	Y92NTE-720	AN365-1032A	F22NM-1032	AN365B1216	Y92NE-1216

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# AN-MS-NAS GREER INTERCHANGEABILITY



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AN and MS Numbers	Greer Number	MS Number	Greer Number	MS Number	Greer Number
AN365B1216A	Y92NE-1216	MS16228-10C	L79NTU-1011	MS17828-9C	09NE-912
AN365B1414	Y92NE-1414	MS16228-12C	L79NTU-1210	MS17828-9F	09NE-918
AN365B1414A	Y92NE-1414	MS16228-16C	L79NTU-1608	MS17828-10C	09NE-1011
AN365B1614	Y92NE-1614			MS17828-10F	09NE-1018
AN365B1614A	Y92NE-1614	MS17825-3	F12NMC-1032	MS17828-12C	09NE-1210
AN365B1812	Y92NE-1812	MS17825-4	F12NEC-428	MS17828-12F	09NE-1216
AN365B1812A	Y92NE-1812	MS17825-5	F12NEC-524	MS17828-14C	09NE-1409
AN365B2012	Y92NE-2012	MS17825-6	F12NEC-624	MS17828-14F	09NE-1414
AN365B2012A	Y92NE-2012	MS17825-7	F12NEC-720	MS17828-16C	09NE-1608
		MS17825-8	F12NEC-820	MS17828-16F	09NE-1612
AN365D440	68NM-440	MS17825-9	F12NEC-918	MS17828-18C	09NE-1807
AN365D440A	68NM-440	MS17825-10	F12NEC-1018	MS17828-18F	09NE-1812
AN365D632	68NM-632	MS17825-12	F12NEC-1216	MS17828-20C	09NE-2007
AN365D632A	68NM-632	MS17825-14	F12NEC-1414	MS17828-20F	09NE-2012
AN365D832	68NM-832	MS17825-16	F12NEC-1612	MS17828-22C	09NE-2206
AN365D832A	68NM-832	MS17825-18	F12NEC-1812	MS17828-22F	09NE-2212
AN365D1032	68NM-1032	MS17825-20	F12NEC-2012	MS17828-24C	09NE-2406
AN365D1032A	68NM-1032			MS17828-24F	09NE-2412
AN365D428	68NE-428	MS17826-3	F12NTMC-1032		
AN365D428A	68NE-428	MS17826-4	F12NTEC-428	MS17828-28C	09NU-2805
AN365D524	68NE-524	MS17826-5	F12NTEC-524	MS17828-32C	09NU-3204
AN365D524A	68NE-524	MS17826-6	F12NTEC-624	MS17828-36C	09NU-3604
AN365D624	68NE-624	MS17826-7	F12NTEC-720	MS17828-40C	09NU-4004
AN365D624A	68NE-624	MS17826-8	F12NTEC-820		
AN365D720	68NE-720	MS17826-9	F12NTEC-918	MS17829-3C	F52N7582-1024
AN365D720A	68NE-720	MS17826-10	F12NTEC-1018	MS17829-4C	F52N7582-420
AN365D820	68NE-820	MS17826-12	F12NTEC-1216	MS17829-4F	F52N7582-428
AN365D820A	68NE-820	MS17826-14	F12NTEC-1414	MS17829-5C	F52N7582-518
AN365D918	68NE-918	MS17826-16	F12NTEC-1612	MS17829-5F	F52N7582-524
AN365D918A	68NE-918	MS17826-18	F12NTEC-1812	MS17829-6C	F52N7582-616
AN365D1018	68NE-1018	MS17826-20	F12NTEC-2012	MS17829-6F	F52N7582-624
AN365D1018A	68NE-1018			MS17829-7C	F52N7582-714U
AN365D1216	68NE-1216	MS17828-04C	09NM-440	MS17829-7F	F52N7582-720U
AN365D1216A	68NE-1216	MS17828-06C	09NM-632	MS17829-8C	F52N7582-813
AN365D1414	68NE-1414	MS17828-08C	09NM-832	MS17829-8F	F52N7582-820
AN365D1414A	68NE-1414	MS17828-3C	09NM-1024	MS17829-9C	F52N7582-912
AN365D1614	68NE-1614	MS17828-3F	09NM-1032	MS17829-9F	F52N7582-918
AN365D1614A	68NE-1614			MS17829-10C	F52N7582-1011
AN365D1812	68NE-1812	MS17828-4C	09NE-420	MS17829-10F	F52N7582-1018
AN365D1812A	68NE-1812	MS17828-4F	09NE-428	MS17829-12C	F52N7582-1210
AN365D2012	68NE-2012	MS17828-5C	09NE-518	MS17829-12F	F52N7582-1216
AN365D2012A	68NE-2012	MS17828-5F	09NE-524	MS17829-14C	F52N7582-1409
		MS17828-6C	09NE-616	MS17829-14F	F52N7582-1414
MS16228-4C	L79NTU-420	MS17828-6F	09NE-624	MS17829-16C	F52N7582-1608
MS16228-5C	L79NTU-518	MS17828-7C	09NE-714U	MS17829-16F	F52N7582-1612
MS16228-6C	L79NTU-616	MS17828-7F	09NE-720U	MS17829-18C	F52N7582-1807
MS16228-7C	L79NTU-714	MS17828-8C	09NE-813	MS17829-18F	F52N7582-1812
MS16228-8C	L79NTU-813	MS17828-8F	09NE-820	MS17829-20C	F52N7582-2007

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MS Number	Greer Number	MS Number	Greer Number	MS Number	Greer Number
MS17829-20F	F52N7582-2012	MS20365	See AN365	MS21044D14	68NE-1414
MS17829-22C	F52N7582-2206			MS21044D16	68NE-1612
MS17829-22F	F52N7582-2212	MS21044B04	Y92NM-440	MS21044D18	68NE-1812
MS17829-24C	F52N7582-2406	MS21044B06	Y92NM-632	MS21044D20	68NE-2012
MS17829-24F	F52N7582-2412	MS21044B08	Y92NM-832		
MS17829-28C	F52N7582-2805	MS21044B3	Y92NM-1032	MS21044N04	F22NM-440
MS17829-32C	F52N7582-3204	MS21044B4	Y92NE-428	MS21044N06	F22NM-632
MS17829-36C	F52N7582-3604	MS21044B5	Y92NE-524	MS21044N08	F22NM-832
MS17829-40C	F52N7582-4004	MS21044B6	Y92NE-624	MS21044N3	F22NM-1032
		MS21044B7	Y92NE-720U	MS21044N4	F42NE-428
MS17830-04C	L79NM-440	MS21044B8	Y92NE-820	MS21044N5	F42NE-524
MS17830-06C	L79NM-632	MS21044B9	Y92NE-918	MS21044N6	F52NE-624
MS17830-08C	L79NM-832	MS21044B10	Y92NE-1018	MS21044N7	F52NE-720U
MS17830-3C	L79NM-1024	MS21044B12	Y92NE-1216	MS21044N8	F52NE-820
MS17830-4C	L79NE-420	MS21044B14	Y92NE-1414	MS21044N9	F52NE-918
MS17830-4F	L79NE-428	MS21044B16	Y92NE-1612	MS21044N10	F52NE-1018
MS17830-5C	L79NE-518	MS21044B18	Y92NE-1812	MS21044N12	F52NE-1216
MS17830-5F	L79NE-524	MS21044B20	Y92NE-2012	MS21044N14	F52NE-1414
MS17830-6C	L79NE-616			MS21044N16	F52NE-1612
MS17830-6F	L79NE-624	MS21044C04	L79NM-440	MS21044N18	F52NE-1812
MS17830-7C	L79NE-714U	MS21044C06	L79NM-632	MS21044N20	F52NE-2012
MS17830-7F	L79NE-720U	MS21044C08	L79NM-832		
MS17830-8C	L79NE-813	MS21044C3	L79NM-1032	MS21083B04	Y92NTM-440
MS17830-8F	L79NE-820	MS21044C4	L79NE-428	MS21083B06	Y92NTM-632
MS17830-9C	L79NE-912	MS21044C5	L79NE-524	MS21083B08	Y92NTM-832
MS17830-9F	L79NE-918	MS21044C6	L79NE-624	MS21083B3	Y92NTM-1032
MS17830-10C	L79NE-1011	MS21044C7	L79NE-720U	MS21083B4	Y92NTE-428
MS17830-10F	L79NE-1018	MS21044C8	L79NE-820	MS21083B5	Y92NTE-524
MS17830-12C	L79NE-1210	MS21044C9	L79NE-918	MS21083B6	Y92NTE-624
MS17830-12F	L79NE-1216	MS21044C10	L79NE-1018	MS21083B7	Y92NTE-720U
MS17830-14C	L79NE-1409	MS21044C12	L79NE-1216	MS21083B8	Y92NTE-820
MS17830-14F	L79NE-1414	MS21044C14	L79NE-1414	MS21083B9	Y92NTE-918
MS17830-16C	L79NE-1608	MS21044C16	L79NE-1612	MS21083B10	Y92NTE-1018
MS17830-16F	L79NE-1612	MS21044C18	L79NE-1812	MS21083B12	Y92NTE-1216
MS17830-18C	L79NE-1807	MS21044C20	L79NE-2012	MS21083B14	Y92NTE-1414
MS17830-18F	L79NE-1812			MS21083B16	Y92NTE-1612
MS17830-20C	L79NE-2007	MS21044D04	NMJ-440	MS21083B18	Y92NTE-1812
MS17830-20F	L79NE-2012	MS21044D06	NMJ-632	MS21083B20	Y92NTE-2012
MS17830-22C	L79NE-2206	MS21044D08	NMJ-832	MS21083B22	Y92NTE-2212
MS17830-22F	L79NE-2212	MS21044D3	NMJ-1032	MS21083B24	Y92NTE-2412
MS17830-24C	L79NE-2406	MS21044D4	NMJ-428		
MS17830-24F	L79NE-2412	MS21044D5	68NE-524	MS21083C04	L79NTM-440
MS17830-28C	L79NU-2805	MS21044D6	68NE-624	MS21083C06	L79NTM-632
MS17830-32C	L79NU-3204	MS21044D7	68NE-720U	MS21083C08	L79NTM-832
MS17830-36C	L79NU-3604	MS21044D8	68NE-820	MS21083C3	L79NTM-1032
MS17830-40C	L79NU-4004	MS21044D9	68NE-918	MS21083C4	L79NTE-428
		MS21044D10	68NE-1018	MS21083C5	L79NTE-524
MS20364	See AN364	MS21044D12	68NE-1216	MS21083C6	L79NTE-624

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# AN-MS-NAS GREER INTERCHANGEABILITY



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MS Number	Greer Number	NAS Number	Greer Number	NAS Number	Greer Number
MS21083C7	L79NTE-720U	NAS1021B04	Y92NM-440	NAS1022B3	Y92NTM-1032
MS21083C8	L79NTE-820	NAS1021B06	Y92NM-632	NAS1022B4	Y92NTE-428
MS21083C9	L79NTE-918	NAS1021B08	Y92NM-832	NAS1022B5	Y92NTE-524
MS21083C10	L79NTE-1018	NAS1021B3	Y92NM-1032	NAS1022B6	Y92NTE-624
MS21083C12	L79NTE-1216	NAS1021B4	Y92NE-428	NAS1022B7	Y92NTE-720U
MS21083C14	L79NTE-1414	NAS1021B5	Y92NE-524	NAS1022B8	Y92NTE-820
MS21083C16	L79NTE-1612	NAS1021B6	Y92NE-624	NAS1022B9	Y92NTE-918
MS21083C18	L79NTE-1812	NAS1021B7	Y92NE-720U	NAS1022B10	Y92NTE-1018
MS21083C20	L79NTE-2012	NAS1021B8	Y92NE-820	NAS1022B12	Y92NTE-1216
MS21083C22	L79NTE-2212	NAS1021B9	Y92NE-918	NAS1022B14	Y92NTE-1414
MS21083C24	L79NTE-2412	NAS1021B10	Y92NE-1018	NAS1022B16	Y92NTE-1612
		NAS1021B12	Y92NE-1216	NAS1022B17	Y92NTE-1614
		NAS1021B14	Y92NE-1414		
		NAS1021B16	Y92NE-1612	NAS1022D04	NTMJ-440
		NAS1021B17	Y92NE-1614	NAS1022D06	NTMJ-632
MS21083D04	NTMJ-440			NAS1022D08	NTMJ-832
MS21083D06	NTMJ-632			NAS1022D3	NTMJ-1032
MS21083D08	NTMJ-832			NAS1022D4	NTMJ-428
MS21083D3	NTMJ-1032	NAS1021D04	NMJ-440	NAS1022D5	68NTE-524
MS21083D4	NTMJ-428	NAS1021D06	NMJ-632	NAS1022D6	68NTE-624
MS21083D5	68NTE-524	NAS1021D08	NMJ-832	NAS1022D7	68NTE-720U
MS21083D6	68NTE-624	NAS1021D3	NMJ-1032	NAS1022D8	68NTE-820
MS21083D7	68NTE-720U	NAS1021D4	NMJ-428	NAS1022D9	68NTE-918
MS21083D8	68NTE-820	NAS1021D5	68NE-524	NAS1022D10	68NTE-1018
MS21083D9	68NTE-918	NAS1021D6	68NE-624	NAS1022D12	68NTE-1216
MS21083D10	68NTE-1018	NAS1021D7	68NE-720U	NAS1022D14	68NTE-1414
MS21083D12	68NTE-1216	NAS1021D8	68NE-820	NAS1022D16	68NTE-1612
MS21083D14	68NTE-1414	NAS1021D9	68NE-918	NAS1022D17	68NTE-1614
MS21083D16	68NTE-1612	NAS1021D10	68NE-1018		
MS21083D18	68NTE-1812	NAS1021D12	68NE-1216	NAS1022N04	F22NTM-440
MS21083D20	68NTE-2012	NAS1021D14	68NE-1414	NAS1022N06	F22NTM-632
MS21083D22	68NTE-2212	NAS1021D16	68NE-1612	NAS1022N08	F22NTM-832
MS21083D24	68NTE-2412			NAS1022N3	F22NTM-1032
		NAS1021N04	F22NM-440	NAS1022N4	F52NTE-428
		NAS1021N06	F22NM-632	NAS1022N5	F52NTE-524
		NAS1021N08	F22NM-832	NAS1022N6	F52NTE-624
		NAS1021N3	F22NM-1032	NAS1022N7	F52NTE-720U
		NAS1021N4	F42NE-428	NAS1022N8	F52NTE-820
		NAS1021N5	F42NE-524	NAS1022N9	F52NTE-918
		NAS1021N6	F52NE-624	NAS1022N10	F52NTE-1018
		NAS1021N7	F52NE-720U	NAS1022N12	F52NTE-1216
		NAS1021N8	F52NE-820	NAS1022N14	F52NTE-1414
		NAS1021N9	F52NE-918	NAS1022N16	F52NTE-1612
		NAS1021N10	F52NE-1018	NAS1022N17	F52NTE-1614
		NAS1021N12	F52NE-1216		
		NAS1021N14	F52NE-1414		
		NAS1021N16	F52NE-1612		
		NAS1021N17	F52NE-1614		
		NAS1022B04	Y92NTM-440		
		NAS1022B06	Y92NTM-632		
		NAS1022B08	Y92NTM-832		

MS51922 – All sizes available in both nylon insert and all metal type.

MS51943 – All sizes available in both nylon insert and all metal type.

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# Specials

Greer is one of the largest manufacturers of nylon insert locknuts. We also have a full line of specials and all-metal locknuts in popular sizes, materials and finishes for a variety of applications. Please use the attached mail card for more information on:

Free Spinning Nuts .. 1/4" to 2-1/2"  
Microlok Specials ... 1/4" to 1-1/2"  
Huglock Specials .... 1/4" to 1-1/2"  
Microflex..... #440 to 1-1/2"

## Air Frame Nuts

AN 310 Plain Castellated  
#10-24 ..... Thru 1-1/4"  
AN 320 Plain Castellated  
Shear #6-32 ..... Thru 1-1/4"  
AN 315 Plain  
Hex 1/4" ..... Thru 1-1/4"  
AN 316 Jam Hex  
#6-32 ..... Thru 1-1/4"

## Microlok®-Huglock™

CT/CF-Microlok Thick  
and Full ..... 1/4" to 1-1/2"  
HT/HF-Huglock Thick  
and Full ..... 1/4" to 1-1/2"

## Vespel® Insert

Besides Greer's high quality green nylon insert which has a performance rating of 250°, and where applicable 350° performance rated nylon, Greer also can give you a VESPEL insert which has a performance rating of 450°.

## The Biggies

Large-size nylon insert locknuts with thread sizes from 1-1/4" to 2-1/2".

And if your requirements call for custom dimensions, Greer has the capability to design to your specifications with the kind of quality to meet the most rigid standards.





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