



Hex Nuts

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IBS, INCORPORATED

Assortments Z02

Machine Screw Nuts, Wing Nuts & Cap Nuts

IBS No. 126R • 18 Items - 1225 Pcs.



Machine Screw Nuts, Wing Nuts & Cap Nuts

Assortment No. 126R

| | | | | |
|---|---|---|---|--|
| 5076 8-32 CAP NUT ZP  | 5032 4-40 HEX MACHINE SCREW NUT ZP  | 5036 10-32 HEX MACHINE SCREW NUT ZP  | 5086 8-32 WING NUT ZP  | 5089 1/4-20 WING NUT ZP  |
| 5077 10-24 CAP NUT ZP  | 5033 6-32 HEX MACHINE SCREW NUT ZP  | 5037 12-24 HEX MACHINE SCREW NUT ZP  | 5087 10-24 WING NUT ZP  | 5090 5/16-18 WING NUT ZP  |
| 5079 1/4-20 CAP NUT NP  | 5034 8-32 HEX MACHINE SCREW NUT ZP  | 5038 1/4-20 HEX MACHINE SCREW NUT  | 5088 10-32 WING NUT ZP  | 5091 3/8-16 WING NUT ZP  |
| 5080 5/16-18 CAP NUT NP  | 5035 10-24 HEX MACHINE SCREW NUT ZP  | 5039 5/16-18 HEX MACHINE SCREW NUT  | | |

Machine Screw Sized Nuts & Washers

IBS No. 392R • 20 Items • 2600 Pcs



Machine Screw Nuts & Washers

Assortment No. 392R

| | | | | | |
|---|--|--|---|---|---|
| 7100 #4 MEDIUM LOCKWASHER ZP  | 7101 #6 MEDIUM LOCKWASHER ZP  | 7102 #8 MEDIUM LOCKWASHER ZP  | 7103 #10 MEDIUM LOCKWASHER ZP  | 7104 #12 MEDIUM LOCKWASHER ZP  | 7105 1/4 MEDIUM LOCKWASHER ZP  |
| 7044 #4 SAE FLAT WASHER ZP  | 7045 #6 SAE FLAT WASHER ZP  | 7046 #8 SAE FLAT WASHER ZP  | 7047 #10 SAE FLAT WASHER ZP  | 7048 #12 SAE FLAT WASHER ZP  | 7049 1/4 SAE FLAT WASHER ZP  |
| 5032 4-40 HEX MACHINE SCREW NUT ZP  | 5033 6-32 HEX MACHINE SCREW NUT ZP  | 5034 8-32 HEX MACHINE SCREW NUT ZP  | 5035 10-24 HEX MACHINE SCREW NUT ZP  | 5036 10-32 HEX MACHINE SCREW NUT ZP  | 5038 1/4-20 HEX MACHINE SCREW NUT  |
| 5037 12-24 HEX MACHINE SCREW NUT ZP  | 5001 6-32 NYLOC NUT ZP  | 5002 8-32 NYLOC NUT ZP  | 5003 10-24 NYLOC NUT ZP  | 6099 10-32 NYLOC NUT ZP  | 5004 1/4-20 NYLOC NUT ZP  |

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IBS, INCORPORATED

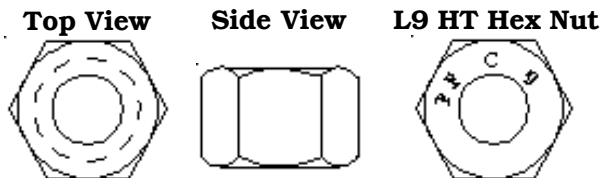
High-Alloy Hex Nuts B01



High-Alloy Hex Nuts

NATIONAL COARSE & NATIONAL FINE

- Cadmium-plated and dichromate-coated to improve lubrication for controlled tightening.
- 20% stronger than SAE Grade 8!
- Use of special alloys and heat treatments reduces the danger of split nuts and stripping of nuts.



NATIONAL COARSE

| IBS No. | Tap Size | WAF | Thickness | Qty |
|---------|----------|---------|-----------|-----|
| NT5202 | 1/4-20 | 7/16 | 1/4 | 100 |
| NT5204 | 5/16-18 | 1/2 | 19/64 | 50 |
| NT5206 | 3/8-16 | 9/16 | 3/8 | 50 |
| NT5208 | 7/16-14 | 11/16 | 7/16 | 25 |
| NT5212 | 1/2-13 | 3/4 | 1/2 | 25 |
| NT5214 | 9/16-12 | 7/8 | 9/16 | 25 |
| NT5216 | 5/8-11 | 15/16 | 41/64 | 25 |
| NT5218 | 3/4-10 | 1-1/8 | 3/4 | 20 |
| NT5220 | 7/8-9 | 1-5/16 | 7/8 | 15 |
| NT5222 | 1-8 | 1-1/2 | 1 | 10 |
| NT5226 | 1-1/8-7 | 1-11/16 | 1-5/32 | EA |
| NT5228 | 1-1/4-7 | 1-7/8 | 1-17/64 | EA |
| NT5232 | 1-1/2-6 | 2-1/4 | 1-1/2 | EA |

NATIONAL FINE

| IBS No. | Tap Size | WAF | Thickness | Qty |
|---------|----------|---------|-----------|-----|
| NT5252 | 1/4-28 | 7/16 | 1/4 | 100 |
| NT5254 | 5/16-24 | 1/2 | 19/64 | 100 |
| NT5256 | 3/8-24 | 9/16 | 3/8 | 50 |
| NT5258 | 7/16-20 | 11/16 | 7/16 | 50 |
| NT5262 | 1/2-20 | 3/4 | 1/2 | 25 |
| NT5264 | 9/16-18 | 7/8 | 9/16 | 25 |
| NT5266 | 5/8-18 | 15/16 | 41/64 | 25 |
| NT5268 | 3/4-16 | 1-1/8 | 3/4 | 20 |
| NT5270 | 7/8-14 | 1-5/16 | 7/8 | 15 |
| NT5272 | 1-14 | 1-1/2 | 1 | 10 |
| NT5276 | 1-1/8-12 | 1-11/16 | 1-5/32 | EA |
| NT5278 | 1-1/4-12 | 1-7/8 | 1-17/64 | EA |
| NT5282 | 1-1/2-12 | 2-1/4 | 1-1/2 | EA |

HEX NUTS





IBS, INCORPORATED

High-Alloy Lock Nuts B03

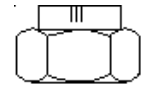
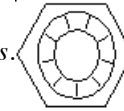
High-Alloy Lock Nuts

National Coarse & National Fine

- Cadmium plated and dichromate coated - ensures uniform tightening
- Inhibits loosening caused by vibration
- Reduced danger of split or stripped nuts



Top View Side View



*Nine dashes identify Heat Treated L9 Stover® locknuts.
Features registered stover design.*

L9 STOVER NATIONAL COARSE

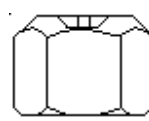
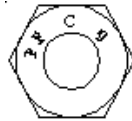
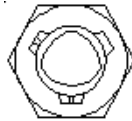
| IBS No. | Tap Size | W.A.F. | Thickness | Qty |
|---------|----------|---------|-----------|-----|
| NT9403 | 1/4-20 | 7/16 | 1/4 | 100 |
| NT9405 | 5/16-18 | 1/2 | 19/64 | 50 |
| NT9407 | 3/8-16 | 9/16 | 3/8 | 50 |
| NT9409 | 7/16-14 | 11/16 | 7/16 | 25 |
| NT9413 | 1/2-13 | 3/4 | 1/2 | 25 |
| NT9415 | 9/16-12 | 7/8 | 9/16 | 25 |
| NT9417 | 5/8-11 | 15/16 | 41/64 | 25 |
| NT9419 | 3/4-10 | 1-1/8 | 3/4 | 20 |
| NT9421 | 7/8-9 | 1-5/16 | 7/8 | 15 |
| NT9423 | 1-8 | 1-1/2 | 1 | 10 |
| NT9427 | 1-1/8-7 | 1-11/16 | 1-5/32 | EA |
| NT9429 | 1-1/4-7 | 1-7/8 | 1-17/64 | EA |
| NT9433 | 1-1/2-6 | 2-1/4 | 1-1/2 | EA |

L9 STOVER NATIONAL FINE

| IBS No. | Tap Size | W.A.F. | Thickness | Qty |
|---------|----------|---------|-----------|-----|
| NT9453 | 1/4-28 | 7/16 | 1/4 | 100 |
| NT9455 | 5/16-24 | 1/2 | 19/64 | 50 |
| NT9457 | 3/8-24 | 9/16 | 3/8 | 50 |
| NT9459 | 7/16-20 | 11/16 | 7/16 | 25 |
| NT9463 | 1/2-20 | 3/4 | 1/2 | 25 |
| NT9465 | 9/16-18 | 7/8 | 9/16 | 25 |
| NT9467 | 5/8-18 | 15/16 | 41/64 | 25 |
| NT9469 | 3/4-16 | 1-1/8 | 3/4 | 20 |
| NT9471 | 7/8-14 | 1-5/16 | 7/8 | 15 |
| NT9473 | 1-14 | 1-1/2 | 1 | 10 |
| NT9477 | 1-1/8-12 | 1-11/16 | 1-5/32 | EA |
| NT9479 | 1-1/4-12 | 1-7/8 | 1-17/64 | EA |
| NT9483 | 1-1/2-12 | 2-1/4 | 1-1/2 | EA |

HEX NUTS

Top View Bottom View Side View



Features unique trilock design

PFC9 NATIONAL COARSE

| IBS No. | Tap Size | W.A.F. | Thickness | Qty |
|---------|----------|--------|-----------|-----|
| 4400 | 1/4-20 | 7/16 | .288 | 100 |
| 4401 | 5/16-18 | 1/2 | .336 | 100 |
| 4402 | 3/8-16 | 9/16 | .415 | 100 |
| 4403 | 7/16-14 | 11/16 | .463 | 50 |
| 4404 | 1/2-13 | 3/4 | .573 | 50 |
| 4405 | 9/16-12 | 7/8 | .621 | 50 |
| 4406 | 5/8-11 | 15/16 | .731 | 50 |
| 4407 | 3/4-10 | 1-1/8 | .827 | 50 |
| 4408 | 7/8-9 | 1-5/16 | .922 | 25 |
| 4409 | 1-8 | 1-1/2 | 1.018 | 25 |

PFC9 NATIONAL FINE

| IBS No. | Tap Size | W.A.F. | Thickness | Qty |
|---------|----------|--------|-----------|-----|
| 6400 | 1/4-28 | 7/16 | .288 | 100 |
| 6401 | 5/16-24 | 1/2 | .336 | 50 |
| 6402 | 3/8-24 | 9/16 | .415 | 50 |
| 6403 | 7/16-20 | 11/16 | .463 | 25 |
| 6404 | 1/2-20 | 3/4 | .573 | 25 |
| 6405 | 9/16-18 | 7/8 | .621 | 25 |
| 6406 | 5/8-18 | 15/16 | .731 | 25 |
| 6407 | 3/4-16 | 1-1/8 | .827 | 20 |

THE HIGH-ALLOY FASTENING SYSTEM IS DESIGNED AND MANUFACTURED TO BE USED AS A SYSTEM. NO SUBSTITUTIONS OR ALTERATIONS ARE TO BE MADE OF THE BOLT, NUT, WASHER OR FINISH.





Prevailing Torque Locknuts Grade C



Strongest locking power available

Ideal for applications where shock and vibration is a problem

This patented, prevailing torque locknut gets its exceptionally high locking ability from the controlled deformation of its upper threads. The design is unique in that it features a true round shape at the bearing face, which allows for easier starting, and changes to an oval shape at the top. As the nut is tightened the deformed top threads are deflected, causing them to conform to the shape of the screw. This creates an increased frictional drag and results in increased locking power.

The Spring Action (top threads conforming to the screw shape) distributes the clamping forces over the largest possible surface area. This ensures minimum wear, burnishing, and avoids permanent set. This balanced design is what provides the locknut with its high performance and reusability qualities.

NATIONAL COARSE

| IBS No. | Size | W.A.F. | Qty |
|---------|---------|--------|-----|
| 4026 | 1/4-20 | 7/16 | 100 |
| 4027 | 5/16-18 | 1/2 | 100 |
| 4028 | 3/8-16 | 9/16 | 100 |
| 4029 | 7/16-14 | 11/16 | 100 |
| 4030 | 1/2-13 | 3/4 | 50 |
| 4031 | 9/16-12 | 7/8 | 50 |
| 4032 | 5/8-11 | 15/16 | 25 |
| 4033 | 3/4-10 | 1-1/8 | 20 |
| 4034 | 7/8-9 | 1-5/16 | 15 |
| 4035 | 1-8 | 1-1/2 | 10 |

NATIONAL FINE

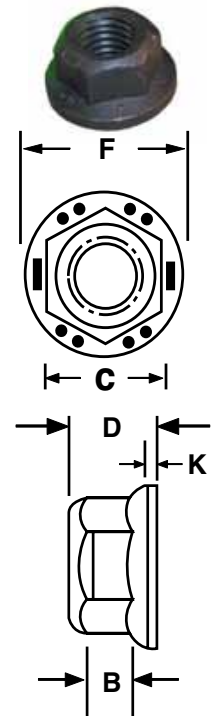
| IBS No. | Size | W.A.F. | Qty |
|---------|---------|--------|-----|
| 6035 | 1/4-28 | 7/16 | 100 |
| 6036 | 5/16-24 | 1/2 | 100 |
| 6037 | 3/8-24 | 9/16 | 100 |
| 6038 | 7/16-20 | 11/16 | 100 |
| 6039 | 1/2-20 | 3/4 | 50 |
| 6040 | 9/16-18 | 7/8 | 50 |
| 6041 | 5/8-18 | 15/16 | 25 |
| 6042 | 3/4-16 | 1-1/8 | 20 |
| 6043 | 7/8-14 | 1-5/16 | 15 |
| 6044 | 1-14 | 1-1/2 | 10 |

Stover Flange Nuts

GRADE G — 150,000 PSI TENSILE STRENGTH

- Furnished with a phosphate and oil finish for lubrication During assembly.
- Enlarged countersink on bearing face to facilitate starting.
- Simplifies assembly by eliminating the need for washers.
- Lower bearing stress for irregular holes.
- Greater bearing area.
- Better coverage for irregular holes.

| IBS No. | Size | C W.A.F | F Flange Diam | D Overall Thickness | B Hex Height | K Flange Thickness | Qty |
|---------|--------|---------|---------------|---------------------|--------------|--------------------|-----|
| 4000 | 3/8-16 | 9/16 | 0.810 | 0.425 | 0.200 | 0.060 | 100 |
| 4001 | 1/2-13 | 3/4 | 1.070 | 0.555 | 0.260 | 0.080 | 50 |
| 4002 | 5/8-11 | 15/16 | 1.330 | 0.690 | 0.320 | 0.100 | 25 |
| 4003 | 3/4-10 | 1-1/8 | 1.585 | 0.750 | 0.380 | 0.110 | 25 |
| 4007 | 1/2-20 | 3/4 | 1.070 | 0.555 | 0.260 | 0.080 | 50 |
| 4008 | 5/8-18 | 15/16 | 1.330 | 0.690 | 0.320 | 0.100 | 25 |
| 4009 | 3/4-16 | 1-1/8 | 1.563 | 0.750 | 0.594 | 0.156 | 20 |



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IBS, INCORPORATED

Finished Hex Nuts Zinc Plated

Grade 8 Finished Hex Nuts (B06)

150,000 PSI MINIMUM TENSILE STRENGTH

- Exceeds original equipment specifications.
- Made of High Strength Alloy Steel giving them 30% more holding power.
- Eliminates stripping threads, vibration, heat and stress fatigue.
- Plated nuts are Zinc and Yellow Baked.



NATIONAL COARSE

| IBS No. | | Size | W.A.F. | Qty |
|---------|--------|---------|---------|-----|
| Plain | Plated | | | |
| 4010 | 4610 | 1/4-20 | 7/16 | 100 |
| 4011 | 4611 | 5/16-18 | 1/2 | 100 |
| 4012 | 4612 | 3/8-16 | 9/16 | 100 |
| 4013 | 4613 | 7/16-14 | 11/16 | 100 |
| 4014 | 4614 | 1/2-13 | 3/4 | 100 |
| 4015 | 4615 | 9/16-12 | 7/8 | 50 |
| 4016 | 4616 | 5/8-11 | 15/16 | 50 |
| 4017 | 4617 | 3/4-10 | 1-1/8 | 25 |
| 4018 | 4618 | 7/8-9 | 1-5/16 | 25 |
| 4019 | 4619 | 1-8 | 1-1/2 | 20 |
| 4020 | — | 1-1/8-7 | 1-11/16 | EA |
| 4021 | — | 1-1/4-7 | 1-7/8 | EA |
| 4023 | — | 1-1/2-6 | 2-1/4 | EA |

NATIONAL FINE

| IBS No. | | Size | W.A.F. | Qty |
|---------|--------|----------|---------|-----|
| Plain | Plated | | | |
| 6021 | 6640 | 1/4-28 | 7/16 | 100 |
| 6022 | 6641 | 5/16-24 | 1/2 | 100 |
| 6023 | 6642 | 3/8-24 | 9/16 | 100 |
| 6024 | 6643 | 7/16-20 | 11/16 | 100 |
| 6025 | 6644 | 1/2-20 | 3/4 | 100 |
| 6026 | 6645 | 9/16-18 | 7/8 | 25 |
| 6027 | 6646 | 5/8-18 | 15/16 | 50 |
| 6028 | 6647 | 3/4-16 | 1-1/8 | 25 |
| 6029 | 6648 | 7/8-14 | 1-5/16 | 25 |
| 6030 | 6649 | 1-14 | 1-1/2 | 20 |
| 6031 | — | 1-1/8-12 | 1-11/16 | EA |
| 6032 | — | 1-1/4-12 | 1-7/8 | EA |
| — | — | — | — | — |

HEX NUTS

Grade 5 Hex Nuts (B10)

- Proof Load 120,000 psi.
- Hardness HRB 86-93.
- Zinc Plated to protect against corrosion.
- Manufactured and Tested according to AISI Specifications.



NATIONAL COARSE

| IBS No. | Size | W.A.F. | Qty |
|---------|---------|--------|-----|
| 4100 | 1/4-20 | 7/16 | 100 |
| 4101 | 5/16-18 | 1/2 | 100 |
| 4102 | 3/8-16 | 9/16 | 100 |
| 4103 | 7/16-14 | 11/16 | 100 |
| 4104 | 1/2-13 | 3/4 | 100 |
| 4105 | 9/16-12 | 7/8 | 50 |
| 4106 | 5/8-11 | 15/16 | 50 |
| 4107 | 3/4-10 | 1-1/8 | 25 |
| 4108 | 7/8-9 | 1-5/16 | 25 |
| 4109 | 1 - 8 | 1-1/2 | 10 |

NATIONAL FINE

| IBS No. | Size | W.A.F. | Qty |
|---------|---------|--------|-----|
| 4110 | 1/4-28 | 7/16 | 100 |
| 4111 | 5/16-24 | 1/2 | 100 |
| 4112 | 3/8-24 | 9/16 | 100 |
| 4113 | 7/16-20 | 11/16 | 100 |
| 4114 | 1/2-20 | 3/4 | 100 |
| 4115 | 9/16-18 | 7/8 | 50 |
| 4116 | 5/8-18 | 15/16 | 50 |
| 4117 | 3/4-16 | 1-1/8 | 25 |
| 4118 | 7/8-14 | 1-5/16 | 25 |
| 4119 | 1 - 14 | 1-1/2 | 10 |



IBS, INCORPORATED

Finished Hex Nuts Zinc Plated



Finished Hex Nuts (B09)



- Specially formulated high quality nut steel manufactured on the most modern close tolerance cold forming equipment.
- Dependability insured by strict quality control.
- Zinc plating protects against rust and corrosion.

NATIONAL COARSE

| IBS No. | Size | W.A.F. | Qty |
|---------|---------|---------|-----|
| 4050 | 1/4-20 | 7/16 | 100 |
| 4051 | 5/16-18 | 1/2 | 100 |
| 4052 | 3/8-16 | 9/16 | 100 |
| 4053 | 7/16-14 | 11/16 | 100 |
| 4054 | 1/2-13 | 3/4 | 100 |
| 4055 | 9/16-12 | 7/8 | 50 |
| 4056 | 5/8-11 | 15/16 | 50 |
| 4057 | 3/4-10 | 1-1/8 | 25 |
| 4058 | 7/8-9 | 1-5/16 | 25 |
| 4059 | 1-8 | 1-1/2 | 10 |
| 4060 | 1-1/8-7 | 1-11/16 | EA |
| 4061 | 1-1/4-7 | 1-7/8 | EA |
| 4063 | 1-1/2-6 | 2-1/4 | EA |

NATIONAL FINE

| IBS No. | Size | W.A.F. | Qty |
|---------|---------|--------|-----|
| 6074 | 1/4-28 | 7/16 | 100 |
| 6075 | 5/16-24 | 1/2 | 100 |
| 6076 | 3/8-24 | 9/16 | 100 |
| 6077 | 7/16-20 | 11/16 | 100 |
| 6078 | 1/2-20 | 3/4 | 100 |
| 6079 | 9/16-18 | 7/8 | 25 |
| 6080 | 5/8-18 | 15/16 | 25 |
| 6081 | 3/4-16 | 1-1/8 | 25 |
| 6082 | 7/8-14 | 1-5/16 | 25 |
| 6083 | 1-14 | 1-1/2 | 10 |

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IBS, INCORPORATED

Nylon Locknuts

Grade 8 Nylon Locknuts (B08)

The locking collar, which has an inside diameter smaller than the diameter of the bolt, is un-threaded and elastic. This allows the bolt to impress a mating thread into the collar and the resulting compressive forces exert a constant friction grip on the bolt. As downward thrust is exerted the lower flanks of the bolt thread are brought into a firm metal-to-metal contact with the matching threads on the nut thus eliminating axial play which may normally occur. Even after repeated usage the elastic collar still retains its grip.



- Locks in any position on the bolt.
- Vibration and shock proof.
- Locking collar will not gall bolt thread.
- Nylon seals out moisture and retards rust and corrosion of the thread area.
- This material is resistant to oil, fats, gasoline, and other destructive chemical agents.

NATIONAL COARSE

| IBS No. | | Dimensions | | | |
|---------------|-------------|------------|--------|--------|-----|
| Plain (Black) | Zinc Yellow | Tap Size | W.A.F. | Ht. | Qty |
| 4040 | 4140 | 1/4-20 | 7/16 | 5/16 | 25 |
| 4041 | 4141 | 5/16-18 | 1/2 | 11/32 | 25 |
| 4042 | 4142 | 3/8-16 | 9/16 | 29/64 | 25 |
| 4043 | 4143 | 7/16-14 | 5/8 | 29/64 | 25 |
| 4044 | 4144 | 1/2-13 | 3/4 | 19/32 | 25 |
| 4045 | 4145 | 9/16-12 | 7/8 | 41/64 | 10 |
| 4046 | 4146 | 5/8-11 | 15/16 | 3/4 | 10 |
| 4047 | 4147 | 3/4-10 | 1-1/16 | 7/8 | 10 |
| 4048 | 4148 | 7/8-9 | 1-1/4 | 63/64 | EA |
| 4049 | 4149 | 1-8 | 1-7/16 | 1-3/64 | EA |

NATIONAL FINE

| IBS No. | | Description | | | |
|---------------|-------------|-------------|--------|--------|-----|
| Plain (Black) | Zinc Yellow | Tap Size | W.A.F. | Ht. | Qty |
| 6049 | 6249 | 1/4-28 | 7/16 | 5/16 | 25 |
| 6050 | 6250 | 5/16-24 | 1/2 | 11/32 | 25 |
| 6051 | 6251 | 3/8-24 | 9/16 | 29/64 | 25 |
| 6052 | 6252 | 7/16-20 | 5/8 | 29/64 | 25 |
| 6053 | 6253 | 1/2-20 | 3/4 | 19/32 | 25 |
| 6054 | 6254 | 9/16-18 | 7/8 | 41/64 | 10 |
| 6055 | 6255 | 5/8-18 | 15/16 | 3/4 | 10 |
| 6056 | 6256 | 3/4-16 | 1-1/16 | 7/8 | 10 |
| 6057 | 6257 | 7/8-14 | 1-1/4 | 63/64 | EA |
| 6058 | 6258 | 1-14 | 1-7/16 | 1-3/64 | EA |

Grade 2 Nylon Locknuts (B12)

Zinc Plated



NATIONAL COARSE

| IBS No. | Tap Size | W.A.F. | Ht. | Qty |
|---------|----------|--------|--------|-----|
| 5000 | 4-40 | 1/4 | 5/32 | 100 |
| 5001 | 6-32 | 5/16 | 11/64 | 100 |
| 5002 | 8-32 | 11/32 | 7/32 | 100 |
| 5003 | 10-24 | 3/8 | 15/64 | 100 |
| 5003A | 12-24 | 7/16 | 5/16 | 100 |
| 5004 | 1/4-20 | 7/16 | 5/16 | 100 |
| 5005 | 5/16-18 | 1/2 | 11/32 | 100 |
| 5006 | 3/8-16 | 9/16 | 29/64 | 100 |
| 5007 | 7/16-14 | 5/8 | 29/64 | 100 |
| 5008 | 1/2-13 | 3/4 | 19/32 | 50 |
| 5009 | 9/16-12 | 7/8 | 41/64 | 50 |
| 5010 | 5/8-11 | 15/16 | 3/4 | 25 |
| 5011 | 3/4-10 | 1-1/16 | 7/8 | 25 |
| 5012 | 7/8-9 | 1-1/4 | 63/64 | 25 |
| 5013 | 1-8 | 1-7/16 | 1-3/64 | 10 |

NATIONAL FINE

| IBS No. | Tap Size | W.A.F. | Ht. | Qty |
|---------|----------|--------|--------|-----|
| — | — | — | — | — |
| — | — | — | — | — |
| — | — | — | — | — |
| 6099 | 10-32 | 3/8 | 15/64 | 100 |
| — | — | — | — | — |
| 6100 | 1/4-28 | 7/16 | 5/16 | 100 |
| 6101 | 5/16-24 | 1/2 | 11/32 | 100 |
| 6102 | 3/8-24 | 9/16 | 29/64 | 100 |
| 6103 | 7/16-20 | 5/8 | 29/64 | 100 |
| 6104 | 1/2-20 | 3/4 | 19/32 | 50 |
| 6105 | 9/16-18 | 7/8 | 41/64 | 50 |
| 6106 | 5/8-18 | 15/16 | 3/4 | 25 |
| 6107 | 3/4-16 | 1-1/16 | 7/8 | 25 |
| 6108 | 7/8-14 | 1-1/4 | 63/64 | 25 |
| 6109 | 1-14 | 1-7/16 | 1-3/64 | 10 |

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Miscellaneous Nuts B35



Hex Jam Nuts

- Jam nuts are thin nuts used under full-sized nuts to develop locking action.
- Zinc plated to protect against rust and corrosion.



NATIONAL COARSE

| IBS No. | Tap Size | WAF | Thickness | Qty |
|---------|----------|-------|-----------|-----|
| 4085 | 1/4-20 | 7/16 | 5/32 | 100 |
| 4086 | 5/16-18 | 1/2 | 3/16 | 100 |
| 4087 | 3/8-16 | 9/16 | 7/32 | 100 |
| 4088 | 7/16-14 | 11/16 | 1/4 | 50 |
| 4089 | 1/2-13 | 3/4 | 5/16 | 50 |
| 4090 | 5/8-11 | 15/16 | 3/8 | 25 |
| 4091 | 3/4-10 | 1-1/8 | 27/64 | 25 |

NATIONAL FINE

| IBS No. | Tap Size | WAF | Thickness | Qty |
|---------|----------|-------|-----------|-----|
| 6085 | 1/4-28 | 7/16 | 5/32 | 100 |
| 6086 | 5/16-24 | 1/2 | 3/16 | 100 |
| 6087 | 3/8-24 | 9/16 | 7/32 | 100 |
| 6088 | 7/16-20 | 11/16 | 1/4 | 50 |
| 6089 | 1/2-20 | 3/4 | 5/16 | 50 |
| 6091 | 5/8-18 | 15/16 | 3/8 | 25 |
| 6092 | 3/4-16 | 1-1/8 | 27/64 | 25 |

Nyloc Jam Nuts

- Thin jam nuts with nylon locking rings
- Lock in any position on bolt
- Zinc plated to prevent rust and corrosion



NATIONAL COARSE

| IBS No. | Tap Size | WAF | Thickness | Qty |
|---------|----------|-------|-----------|-----|
| 5020 | 1/4-20 | 7/16 | 3/16 | 100 |
| 5021 | 5/16-18 | 1/2 | 1/4 | 100 |
| 5022 | 3/8-16 | 9/16 | 17/64 | 100 |
| 5024 | 1/2-13 | 3/4 | 5/16 | 50 |
| 5026 | 5/8-11 | 15/16 | 3/8 | 50 |
| 5027 | 3/4-10 | 1-1/8 | 13/32 | 25 |

NATIONAL FINE

| IBS No. | Tap Size | WAF | Thickness | Qty |
|---------|----------|-------|-----------|-----|
| 6114 | 1/4-28 | 7/16 | 3/16 | 100 |
| 6115 | 5/16-24 | 1/2 | 1/4 | 100 |
| 6116 | 3/8-24 | 9/16 | 17/64 | 100 |
| 6118 | 1/2-20 | 3/4 | 5/16 | 50 |
| 6120 | 5/8-18 | 15/16 | 3/8 | 50 |
| 6121 | 3/4-16 | 1-1/8 | 13/32 | 25 |

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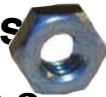
Machine Screw Nuts B14 / Misc. Nuts B35

Machine Screw Nuts

MEETS OR EXCEEDS

AMERICAN STANDARD B18.6.3

ZINC PLATED FOR CORROSION RESISTANCE



| IBS No. | Tap Size | WAF | Thickness | Pkg Qty |
|---------|----------|-------|-----------|---------|
| 5032 | 4-40 | 1/4 | 3/32 | 200 |
| 5033 | 6-32 | 5/16 | 7/64 | 200 |
| 5034 | 8-32 | 11/32 | 1/8 | 200 |
| 5035 | 10-24 | 3/8 | 1/8 | 200 |
| 5036 | 10-32 | 3/8 | 1/8 | 200 |
| 5037 | 12-24 | 7/16 | 5/32 | 200 |
| 5038 | 1/4-20 | 7/16 | 3/16 | 100 |
| 5039 | 5/16-18 | 1/2 | 7/32 | 100 |

Kep Nuts

- Combination standard hex nuts and standard lockwasher.
- Eliminates putting separate lockwasher in position.
- Lockwasher spins free under tension, preventing surface marring or galling.



| IBS No. | Tap Size | WAF | Thickness | Pkg Qty |
|---------|----------|-------|-----------|---------|
| 5056 | 6-32 | 5/16 | 7/64 | 100 |
| 5057 | 8-32 | 11/32 | 1/8 | 100 |
| 5058 | 10-24 | 3/8 | 1/8 | 100 |
| 5059 | 10-32 | 3/8 | 1/8 | 100 |
| 5060 | 1/4-20 | 7/16 | 3/16 | 100 |
| 5061 | 5/16-18 | 1/2 | 17/64 | 100 |
| 5062 | 3/8-16 | 9/16 | 3/8 | 100 |

Cap Nuts

NICKEL PLATED



| IBS No. | Tap Size | Pkg Qty |
|---------|----------|---------|
| 5075 | 6-32 | 100 |
| 5076 | 8-32 | 100 |
| 5077 | 10-24 | 100 |
| 5079 | 1/4-20 | 100 |
| 5080 | 5/16-18 | 100 |
| 5081 | 3/8-16 | 50 |

Whiz Lock Nuts

- Serrated flange provides locking action



| IBS No. | Tap Size | Flange O.D. | Pkg Qty |
|---------|----------|-------------|---------|
| 5066 | 10-24 | | 100 |
| 5068 | 1/4-20 | 19/32 | 100 |
| 5069 | 5/16-18 | 43/64 | 100 |
| 5070 | 3/8-16 | 3/4 | 100 |

High Nuts Grade 8

150,000 PSI MIN. TENSILE STRENGTH

- Special design gives added strength.
- 40% More thread engagement.
- 40% Higher than ordinary nuts.



| IBS No. | Tap Size | W.A.F. | Height | Pkg Qty |
|---------|----------|--------|--------|---------|
| 6063 | 7/16-20 | 5/8 | 17/32 | 50 |
| 6064 | 1/2-20 | 3/4 | 11/16 | 50 |
| 6066 | 5/8-18 | 15/16 | 27/32 | 25 |
| 6067 | 3/4-16 | 1-1/16 | 1 | 25 |
| 6068 | 7/8-14 | 1-1/4 | 1-5/32 | 10 |
| 6069 | 1-14 | 1-7/16 | 1-5/16 | 10 |

Heavy Hex Nuts

- Heavier and wider to provide greater bearing area.
- Ideal for heavy duty applications with severe stress and vibration.
- Excellent for oversize holes and certain boiler applications.
- Conforms to all industry standards



| IBS No. | Tap Size | W.A.F. | Height | Pkg Qty |
|---------|----------|--------|--------|---------|
| 4070 | 1/4-20 | 1/2 | 13/64 | 100 |
| 4071 | 5/16-18 | 9/16 | 19/64 | 100 |
| 4072 | 3/8-16 | 11/16 | 23/64 | 100 |
| 4073 | 7/16-14 | 3/4 | 27/64 | 50 |
| 4074 | 1/2-13 | 7/8 | 31/64 | 50 |
| 4076 | 5/8-11 | 1-1/16 | 39/64 | 25 |
| 4077 | 3/4-10 | 1-1/4 | 47/64 | 25 |
| 4078 | 7/8-9 | 1-7/16 | 55/64 | 25 |
| 4079 | 1-8 | 1-5/8 | 63/64 | 25 |

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Miscellaneous Nuts B35



Coupling Nuts

- Zinc plated to protect against rust and corrosion



| IBS No. | Tap Size | Length | W.A.F. | Pkg Qty |
|---------|----------|--------|--------|---------|
| 6011 * | 1/4-20 | 7/8 | 3/8 | 50 |
| 6012 * | 5/16-18 | 7/8 | 7/16 | 50 |
| 6013 * | 3/8-16 | 1-1/8 | 1/2 | 50 |
| 6014 * | 1/2-13 | 1-1/4 | 5/8 | 50 |
| 6015 | 5/8-11 | 2-1/8 | 13/16 | 20 |
| 6016 | 3/4-10 | 2-1/4 | 3/4 | 20 |

* Economy - shorter in length than standard units

Wing Nuts

- Cold forged steel.
- Zinc plated for protection from r corrosion.
- Ideal for applications where quick hand assembly is desired or needed, i.e.:
 - > Light or precision machinery: eliminates the chance of over-tightening, causing thread stripping or parts damage.
 - > Power Tools: circular saw blade angle adjustment.
 - > Carburetor Air Filter Hold Down Nut and more!



| IBS No. | Tap Size | Pkg Qty |
|---------|----------|---------|
| 5086 | 8-32 | 100 |
| 5087 | 10-24 | 100 |
| 5088 | 10-32 | 100 |
| 5089 | 1/4-20 | 100 |
| 5090 | 5/16-18 | 100 |
| 5091 | 3/8-16 | 100 |
| 5092 | 1/2-13 | 50 |

Wing Nut - Nyloc

- Zinc Plated to protect against rust and corrosion.
- Nylon locking ring locks in any position on bolt.
- Locking collar will not gall bolt thread or remove plating.
- Vibration and shock proof.



| IBS No. | Size | Pkg Qty |
|---------|--------|---------|
| 5095 | 3/8-16 | 25 |

“Tee” Nuts

3 Prong - Wood Type

- Pronged nut stays where it's put.
- Zinc plated for protection from rust and corrosion.
- Great for picnic tables and wooden lawn furniture.



| IBS No. | Tap Size | Barrel | Flange | Pkg Qty |
|---------|----------|--------|--------|---------|
| 6000 | 6-32 | 1/4 | 9/16 | 100 |
| 6001 | 8-32 | 1/4 | 3/4 | 100 |
| 6002 | 10-24 | 5/16 | 23/32 | 100 |
| 6004 | 1/4-20 | 7/16 | 25/32 | 100 |
| 6006 | 3/8-16 | 7/16 | 1-1/16 | 100 |

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