



SINCE 1948 QUALITY & INTEGRITY

ABBOTT-INTERFAST CORP.

Your Specials are Our Standards

LOCKNUTS AND STOPNUTS

Distributors:


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Aerospace Locknuts

Type	Sizes	Temp.
Anchor	4-40 thru	to 450°
Castellated	3/8-24	to 800°
Self-Aligning		


(MS21077, MS21078 available)

Applications

We are a domestic manufacturer of a wide variety of nylon insert and all-metal locknuts designed for aerospace/defense applications. Call for detailed information.

Regular Hex, Light

Brass, Aluminum, Domestic Steel, Copper, Monel, Inconel (Also Miniature & Large Sizes)

Type	Sizes	Temp.
NM	1-72 thru	to 250°
NE	1-1/2-12	


(MS21044 available)

Applications

The basic self-locking nut used where machine screw pattern hex nuts are needed.

Regular Hex, Light, Thin

Brass, Aluminum, Domestic Steel, Copper, Monel, Inconel (Also Miniature & Large Sizes)

Type	Sizes	Temp.
NTM	2-56 thru	to 250°
NTE	1-1/2-12	


(MS21083 available)

Applications

Used as a self-locking nut where the tensile strength of a regular height nut is not required, or where clearance problems require a jam pattern.

Heavy Hex

Brass, Aluminum, Domestic Steel, Copper, Monel, Inconel (Also Miniature & Large Sizes)


Type	Sizes	Temp.
NU	1/4-20 thru	to 250°
	2-1/2-12	

Applications

A self-locking alternative to the standard hex series.

Heavy Hex, Thin


Brass, Aluminum, Domestic Steel, Copper, Monel, Inconel (Also Miniature & Large Sizes)

Type	Sizes	Temp.
NTU	1/4-20 thru	to 250°
	2-1/2-12	

Applications

Primarily used in shear load applications. They are self-locking


Regular Hex, High-Tensile

Type	Sizes	Temp.
N1610	10-32 thru	to 250°
52NE/NU	2-1/2-4	

Applications

A self-locking nut manufactured in the same patterns as the NE and NU nuts, but where high-tensile performance necessitates the use of heat-treated steels.



Regular Hex, High Tensile, Extra Thread Length

Type	Sizes	Temp.
N1260	3/8-24 thru	to 250°
	1-1/4-12	

Applications

Applications that pre-stress high strength bolts to their elastic limit use this nut. It has extra thread length and hex height to attain uniform thread loading and adequate wrenching area.

Reduced Dimension Hex, Miniature hex



Type	Sizes	Temp.
N1660	0-80 thru	to 250°
LH1660	5-40	to 450°
NM107	6-32 thru	to 250°
NM2234	1/4-28	
NM408		

Applications

Used where wrench clearances are limited but a self-locking nut is desirable. Reduces assembly weight for aerospace applications. Available in all-metal versions for high temperature installations.

Hex, Nylon Cap

Brass, Aluminum, High-Tensile Steels, Copper, Monel, Inconel (Also Miniature & Large Sizes)


Type	Sizes	Temp.
NKM	4-40 thru	to 250°
NKTM	12-28	
NKE	1/4-20 thru	
NKTE	1/2-20	

Applications

Utilized when a self-locking hex nut is needed but for reasons of appearance or safety it is desirable to cover exposed ends.

Miniature Clinch Flush Mounting

(installation tools available)

Type	Sizes	Temp.
NCFMA	2-56 thru	to 250°
	10-32	

Applications

For installations in thin aluminum or soft sheets or plates with small mounting areas making use of a miniature captive nut and the performance of a full nylon insert-collar desirable.

LOCKNUTS AND STOPNUTS

Miniature Clinch Flush Mounting

(installation tools available)

Type	Sizes	Temp.
LHCFM	2-56 thru 1/4-20	to 450°



Applications

High temperature uses involving installations in thin aluminum or soft sheets or plates having small mounting areas, making the use of a miniature captive nut desirable.

Standard Clinch (installation tools available)

Type	Sizes	Temp.
NC	4-40 thru 5/16-24	to 250°

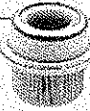


Applications

Captive self-locking fasteners installed in aluminum or soft sheet steel. They provide load-bearing threads in thin sheet metal and offer a reliable method of blind fastening.

Spline

Type	Sizes	Temp.
ND	8-32 thru 1/2-20	to 250°



Applications

A self-wrenching nut designed for either blind-mounted applications or where maintenance can be facilitated by the use of a captive fastener.

Wing Nut

Type	Sizes	Temp.
NC	8-32 thru 3/8-16	to 250°



Applications

A vibration-resistant self-locking nut used where frequent hand assembly and disassembly is required.

Prevailing Torque Locknuts – All-Metal

Type	Sizes	Temp.
REVLOCK® - Reversible	4-40 thru	to 450°
METAL-LOK® - Automation	2-12	to 800°
COLLAR - Elliptical		



Applications

All-metal locknuts are ideal for high-temperature environments. A cost-effective alternative to other locking methods for moderate vibration applications.

Hydra-Lok® Sealing Locknuts

Type	Sizes	Temp.
NUS	1/4-28 thru 7/8-14	to 250°



Applications

An effective sealing/locking nut to provide zero-leakage at threaded joints up to 20,000 PSI. Call for detailed information.

ABBOTT-INTERFAST CAPABILITIES

MATERIALS

Steel: Low, Medium, High Carbon Alloy
 Stainless Steel: A286, 303, 316, 416
 Aluminum: 2011T3, 2017T4, 2024T6
 Brass, Copper, Monel, Inconel, Titanium, Zinc Alloy

INSERTS

Material: Nylon, Zytel 101 (250°F), Zytel 103 (350°F)
 High Temperature: Vespel (550°F), Teflon (500°F)
 Color of Insert: Yellow, Color Matched to Product
 Configuration: Ring, Cap, Special

THREADS

Right Hand, Left Hand, Metric, Special

CLASS OF FIT

2B, 3B, 4B

PLATINGS

Platings upon request

INSPECTION METHODS AVAILABLE

Standard AQL to MIL-STD 105
 Tighter AQL Level
 Magnetic Inspection
 100% Zero Defect Inspection

MILITARY SPECIFICATIONS

Available upon request.

SEE QPL APPROVAL

QPL 25027-11
 Amendments 3
 5 September 1969
 QSLM Approved
 Cage Code: 08928

Abbott-Interfast began producing nylon stopnuts under license of the US Patent No. 2,4450,694 issued by Elastic Stop Nut Corp of America in 1964. Whether you need 100 pieces or 1,000,000, made to your blueprint, you are always quoted at the lowest prices available in the stopnut industry...and more important, the expertise of an American manufacturer with a healthy respect for old-fashioned quality and service.