



MS21083N5 - SELF-LOCKING HEX NUT, NSN: 5310-00-660-3381, NIIN: 006603381

## Description

# MS21083N5 - SELF-LOCKING HEX NUT

**NSN:** 5310-00-660-3381

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## MS21083 SERIES SELF-LOCKING HEX NUT

*A self-locking hex nut is a type of hexagonal nut that is designed to resist loosening due to vibration or movement. It typically features an integrated locking mechanism that prevents it from turning or coming undone once it has been tightened. This locking mechanism can take several forms, such as a nylon insert or a deformed metal design, that either increases friction or mechanically engages with the threads of the bolt or stud, ensuring a secure fit.*

## Specifications

**Treatment (Surface):** Cadmium And Chromate Except insert

**Material:** Plastic Polyamide Locking insert

**Material:** Steel

**Nominal Size (Thread):** 0.312"

**Thread Class:** 3B

**Thread Direction:** Right-Hand

**Thread Type:** Unjf

**Threads Per inch:** 24

**Flat Width (Across):** 0.492" - 0.502"

**Nut Height:** 0.266"

**Temperature Rating:** 250.0°F

## Part Number Information

**Part Number:** MS21083N5  
**Unpunctuated:** MS21083N5  
**NSN:** 5310-00-660-3381  
**NIIN:** 006603381

## Alternate Part Numbers

**Alcoa Fixations Simmonds Sas:** F52NTE054 (CAGE: F0224)  
**Bosch Rexroth Gmbh Lohmann:** 2533409-112 (CAGE: D9182), 2533409-156 (CAGE: D9182), 52NTE-054 (CAGE: D9182), AN364-524C (CAGE: D9182), P49923-4 (CAGE: D9182)  
**Caterpillar Tractor Co. Ltd:** 2533409-112 (CAGE: D9182), 2533409-156 (CAGE: D9182), 52NTE-054 (CAGE: D9182), AN364-524C (CAGE: D9182), P49923-4 (CAGE: D9182)  
**Defense Reduction Agency:** 2533409-112 (CAGE: D9182), 2533409-156 (CAGE: D9182), 52NTE-054 (CAGE: D9182), AN364-524C (CAGE: D9182), P49923-4 (CAGE: D9182)  
**E.C.A Etablissement Central Des:** 2533409-112 (CAGE: D9182), 2533409-156 (CAGE: D9182), 52NTE-054 (CAGE: D9182), AN364-524C (CAGE: D9182), P49923-4 (CAGE: D9182)  
**Goriziane Group Spa:** 2533409-112 (CAGE: D9182), 2533409-156 (CAGE: D9182), 52NTE-054 (CAGE: D9182), AN364-524C (CAGE: D9182), P49923-4 (CAGE: D9182)  
**Cancelled NSN:** 5310-00-275-2018, 5310-00-582-0097, 5310-00-834-1524, 5310-00-867-8734, 5310-00-971-6514, 5310-01-030-8712, 5310-01-092-2511, 4730-01-165-7903  
**Cancelled NIIN:** 002752018, 005820097, 008341524, 008678734, 009716514, 010308712, 010922511, 011657903

*Note: Some part numbers may serve as functional alternatives to the original, offering similar specifications and performance; however, prior verification is recommended to ensure suitability for the intended application.*

## Applications

**AIRCRAFT:** PHANTOM F-4, STRATOFORTRESS B-52, STRATOLIFTER C/KC-135, HERCULES C-130, DELTA DART F-106, TOMCAT F-14, GALAXY C-5, VIKING S-3B, HAWKEYE E-2C, INTRUDER A-6E, EAGLE F-15, AWACS, E-3A, F-16, T-37, T-38, HORNET F/A-18, HARRIER AV-8B, B-1B, HERCULES C-130F, HERCULES KC-130, ORION P-3, SOF (AC-130H, MC-130H, EC-130E, HC-130, MC-130W), C-2A (REPROCURED), AIRLIFTER C-17A, B-2 BOMBER (ATB), FMS- HAWKEYE E-2C, FA-18, A - D, E/F, G (GROWLER)

**HELICOPTER:** IROQUOIS UH-1, CHINOOK, CH-47, HH-60U PAVE HAWK, SEA KING H-3, BLACK HAWK UH-60A, SEA KNIGHT H-46, CH-53 D/E, RH-53, LAMPS MARK III, SH-60B, UTILITY/SEARCH AND RECOVERY UH-1N, APACHE AH-64, HH-60, H1 ALL VERSIONS, MH-53E, ADVANCE ATTACK, AH-1W, CARRIER BASED ASW, SH-60F, SEARCH AND RESCUE, HH-60H, USCG SEARCH AND RESCUE, HH-60J, ELECTRONIC COUNTERMEASURES, EH-60A, SEAHAWK, H-60

*This list is provided for informational purposes only and includes models that may be compatible based on preliminary data. As we continue to gather more information, the list will be updated. If you're unsure about compatibility, do not use this part on your aircraft without confirming compatibility through your repair manuals or other methods.*

**Product Testing:** Every product is inspected for accuracy, quality, and functionality before shipping to ensure it meets our high standards.

**Alternate Part Numbers:** With the transition from AN to MS and NAS part numbering systems, there are often multiple part numbers that meet the same specifications and performance standards. If only an alternate part number is available, we will contact you to confirm its compatibility with your application. We strongly recommend consulting the appropriate repair manuals to ensure accuracy before using an alternate part.

**Model Compatibility:** We are committed to providing accurate and up-to-date compatibility information for our parts. While the listed models reflect verified applications, this list is continually expanding. If your model isn't listed, it may still be compatible, and we encourage you to consult your repair manuals to verify the required part number before placing an order. Additionally, if you believe a model should be listed, please contact us so we can update our records accordingly.

**Condition:** New Surplus - These parts are classified as new and unused, meaning they have not been installed or placed into service. However, they come without traceability or original manufacturer certifications, which might be required for certain high-level regulatory uses. Our company provides its own Certificate of Conformance (CoC) as a statement of assurance that the parts are in good working condition and have been sourced from reliable channels. These are ideal when the focus is on cost-effectiveness without compromising on quality.

**Unit of Sale:** Sold Per Each - This item is sold individually, with the price listed for a single unit. Perfect for purchasing the exact quantity needed without the requirement to buy in bulk. For larger quantities, consider reviewing any available bulk pricing options.

#### **Date**

2025/04/30

#### **Meta Fields**

**Regular Price :** 2.68 **Stock :** 22