



AN174-12 - CLOSE TOLERANCE MACHINE BOLT, AN174 SERIES, New Surplus, Sold Per Each, NSN: 5306-00-145-7659

## Description

# AN174-12 - Close Tolerance Machine Bolt

New Surplus, Sold Per Each

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*A machine bolt is a heavy-duty fastener with a hexagonal head and a fully or partially threaded shank, designed for securing two or more components together.*

## AN174 SERIES

*AN standards, originally developed by the U.S. Army and Navy, cover a variety of components such as bolts, nuts, and fittings, ensuring compatibility and reliability in military and aerospace systems.*

## Specifications

**Treatment (Surface):** Cadmium - Chromate

**Material:** Steel

**Number Of Holes:** 1

**Style (Head):** Hexagon

**Style (Hole Configuration):** Hexagon Flats

**Type:** Drilled

**Diameter (Nominal Thread):** 0.250"

**Thread (Class):** 3A

**Thread (Direction):** Right-H-

**Thread (Quantity Per Inch):** 28

**Thread (Series Designator):** Unf

**Diameter (Grip):** 0.2487" - 0.2492"

**Diameter (Hole):** 0.046" - 0.056"

**Diameter (Shank Hole - Unthreaded)**

: 0.076" - 0.086" First Hole

**Distance (Largest Head Bearing Surface To Shank Hole Center):** 1.124" Nominal First Hole

**Height (Head):** 0.140" - 0.172"

**Length (Fastener):** 1.265" - 1.312"

**Length (Grip):** 0.796" - 0.828"

**Length (Thread):** 0.437" - 0.516"

**Width (Between Flats):** 0.428" - 0.440"

## Alternate Part Numbers

**NSN:** 5306-00-145-7659

**Unpunctuated:** AN17412

**Aeronautical Standards Group:** AN174H12 (CAGE: 88044)

**Department Of The Air Force:** CIPRD-AN174H12 (CAGE: 14153)

**Inspektorat Wsparcia Sił Zbrojnych:** 5306PL1016437 (CAGE: 9009H)

**Military Specifications:** B6812 (CAGE: 81349)

**NSN Substitute:** 5306-00-180-1738

**Sky Manufacturing Inc.:** AN174H12 (CAGE: 1CNU4)

*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.*

## Potential End Applications

**AIRCRAFTS:** STRATOFORTRESS B-52, STRATOLIFTER C/KC-135, HERCULES C-130, AWACS, E-3A, T-37, HERCULES C-130F, HERCULES KC-130, ORION P-3, SOF (AC-130H, MC-130H, EC-130E, HC-130, MC-130W), ENGINE, T56-A-7/15 (C-130B/E/H/N/P), T-2, OSPREY V-22A, MARINE CORPS

**HELICOPTERS:** IROQUOIS UH-1, CHINOOK, CH-47, IROQUOIS HH/UH-1, KIOWA OH-58 A & C, CH-53 D/E, COBRA/ATTACK, AH-1J, UTILITY/SEARCH AND RECOVERY UH-1N, H1 ALL VERSIONS

*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**

2025/04/19

#### **Meta Fields**

**Regular Price :** 3.81 **Stock :** 1398