



AN503-8-12 - SCREW, MACHINE, NEW SURPLUS, SOLD PER EACH, NSN: 5305-00-145-7012, NIIN: 1457012

## Description

# AN503-8-12 - SCREW, MACHINE

**NSN: 5305-00-145-7012, NIIN: 1457012**

New Surplus, Sold Per Each

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*A machine screw is a threaded fastener designed for precise assembly, typically used with pre-tapped holes or nuts. It withstands shear force, which is the force that causes two connected surfaces to slide past each other in opposite directions.*

## Specifications

**Head Hole Configuration Style:** Round

**Head Style:** Fillister

**Internal Drive Style:** Cross Recess Type 1

**Screw Surface Treatment:** Cadmium

**Screw Material:** Steel

**Fastener Length:** 0.750" *Nom*

**Head Diameter:** 0.250" *Min* - 0.270" *Max*

**Head Height:** 0.106" *Min* - 0.113" *Max*

**Hole Diameter:** 0.050" *Nom*

**Tensile Strength Min:** 125000 Pounds Per Square Inch

**Thread Class:** 3A

**Thread Diameter:** 0.164"

**Thread Direction:** Right-Hand

**Thread Length:** 0.594" *Min* - 0.719" *Max*

**Thread Quantity Per Inch:** 32

**Thread Series Designator:** Unc

**Hole Quantity**

: 1

## Part Number Info

**Part Number:** AN503-8-12

**Unpunctuated:** AN503812

**NSN:** 5305-00-145-7012

**NIIN:** 1457012

**Potential Alternates:** AC503-8-12, 189529

**Replaces Cancelled NSN:** 5305-00-997-3123, 5305-00-271-7779

**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.

**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.

**Alternate Part Numbers:** Due to the nature of ever-evolving part numbering structure, multiple part numbers may meet the same specifications and performance standards. If only an alternate part number is available, we will contact you to confirm compatibility. We strongly recommend consulting the appropriate repair manuals to ensure accuracy before using an alternate part.

## Date

2025/04/19

## Meta Fields

**Regular Price :** 0.71 **Stock :** 60