



204-011-166-3 - SHEAR BOLT, FOR USE ON BELL 204, NSN: 5306-00-768-7506, NIIN: 007687506

Description

204-011-166-3 - SHEAR BOLT

Serviceable, Sold Per Each, Cadmium, Steel

A shear bolt is a fastener designed to fail at a specific shear force, which is a force that causes two parts of a material to slide past each other in opposite directions. This protects machinery or structures by acting as a mechanical fuse during overload conditions.

Bell 204

This part is used on Bell 204 Helicopters, the original "Huey" that redefined helicopter utility and performance. Known for its ruggedness and reliability, the Bell 204 became an indispensable tool for troop transport, medevac, and supply missions during the Vietnam War, earning a legendary status among pilots and ground forces. What Sets the Bell 204 Apart:

- **Military Pedigree:** Designed specifically for combat support, with features that ensure performance in harsh environments.
- **Multi-Role Capability:** Easily adapted for medevac, cargo transport, and even armed gunship configurations.
- **Proven in Combat:** Its robust design and powerful engine made it a reliable asset in the most challenging conditions.
- **Quick Deployment:** Capable of carrying troops and equipment rapidly to and from the battlefield.

The Bell 204's ability to deliver in critical situations has made it an icon of military aviation and a precursor to many modern helicopter designs.

Specifications

Treatment (Surface): Cadmium
Material: Steel
Thread Class: 3A
Thread Direction: Right-Hand
Thread Series: Unf
Threads Per inch: 14
Fastener Length: 5.920" - 5.980"
Flat Width (Between): 1.239" - 1.252"
Grip Diameter: 0.8731" - 0.8741"
Grip Length: 4.490" - 5.010"
Head Height: 0.380" - 0.410"
Nominal Thread Diameter: 0.875"
Thread Length: 0.875"
Style (Head): Dished Hexagon

Part Number Information

Part Number: 204-011-166-3
Unpunctuated: 2040111663
NSN: 5306-00-768-7506
NIIN: 007687506

Alternate Part Numbers

Bell Helicopter Textron Inc.: 204-011-166-003 (CAGE: 97499), 204-011-166-3 (CAGE: 97499)
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

HELICOPTER: BELL 204

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: *Serviceable - Serviceable parts have been previously used but remain in operational condition. Though they may show signs of wear, they are verified as being ready for use in appropriate systems. This condition is ideal for customers seeking reliable used parts that are more cost-effective than new ones but still meet necessary functional standards for continued operation.*

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

Stock : 1