

Bolt, Shear

5306-01-059-7458

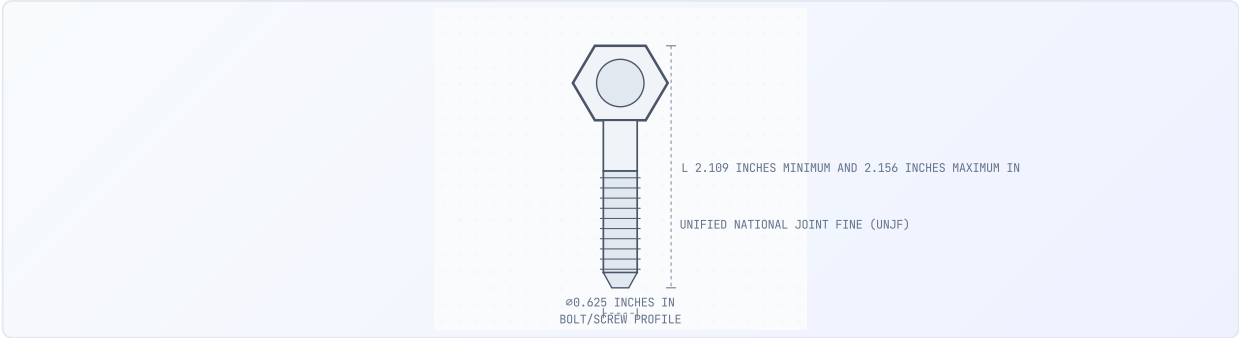
NSN 5306-01-059-7458 · NIIN 010597458

FSC 5306 — Bolts · FSG 53 — Hardware and Abrasives

GOVERNMENT RECORD, CITED

ALSO SEARCHED AS 5306-01-059-7458 · 5306010597458 · NIIN 010597458 · 01-059-7458 · FSC 5306 Bolts

NEARBY STOCK NUMBERS ← 5306-01-059-7457 · 5306-01-059-7466 →



5306-01-059-7458 — BOLTS

FEATURES

- Bolt,shear — FSC 5306
- Head Height: 0.296 INCHES MINIMUM AND 0.328 INCHES MAXIMUM IN
- Fastener Length: 2.109 INCHES MINIMUM AND 2.156 INCHES MAXIMUM IN
- Surface Treatment Document and Classification: QQ-P-416 TY2 CL2 FED SPEC SINGLE TREATMENT RESPONSE OVERALL
- Thread Length: 0.474 INCHES MINIMUM AND 0.541 INCHES MAXIMUM IN
- Hardness Rating: 36.0 ROCKWELL C MINIMUM AND 40.0 ROCKWELL C MAXIMUM OVERALL
- Single Shear Strength: ERR-060
- Nominal Thread Diameter: 0.625 INCHES IN

IDENTIFICATION

- NSN: 5306-01-059-7458
- NIIN: 010597458
- FSC: 5306 — Bolts
- FSG: 53 — Hardware and Abrasives

GENERAL DESCRIPTION

The Bolt,shear, cataloged under National Stock Number 5306-01-059-7458, is classified within Federal Supply Class 5306 (Bolts) of the Hardware and Abrasives group. Government technical data includes 19 specifications, cited from the U.S. Government catalog. 1 additional reference document (drawings, advisory and superseded references) is recorded in the U.S. Government catalog. Current acquisition status: Active.

TECHNICAL SPECIFICATIONS

PARAMETER	VALUE
NSN	5306-01-059-7458
Item Name	Bolt,shear
FSC / FSG	5306 / 53 — Bolts
Status	ACTIVE
Head Height	0.296 INCHES MINIMUM AND 0.328 INCHES MAXIMUM IN

PARAMETER	VALUE
Fastener Length	2.109 INCHES MINIMUM AND 2.156 INCHES MAXIMUM IN
Surface Treatment Document and Classification	QQ-P-416 TY2 CL2 FED SPEC SINGLE TREATMENT RESPONSE OVERALL
Thread Length	0.474 INCHES MINIMUM AND 0.541 INCHES MAXIMUM IN
Hardness Rating	36.0 ROCKWELL C MINIMUM AND 40.0 ROCKWELL C MAXIMUM OVERALL
Single Shear Strength	ERR-060
Nominal Thread Diameter	0.625 INCHES IN
Head Style	HEXAGON
Thread Direction	RIGHT-HAND
Specification/standard Data	80205-NAS464 PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD
Grip Length	1.615 INCHES MINIMUM AND 1.635 INCHES MAXIMUM IN
Width Between Flats	0.928 INCHES MINIMUM AND 0.940 INCHES MAXIMUM IN
Grip Diameter	0.6230 INCHES MINIMUM AND 0.6240 INCHES MAXIMUM IN
Surface Treatment	CADMIUM AND CHROMATE OVERALL
Minimum Tensile Strength	160000 POUNDS PER SQUARE INCH LBS
Thread Class	3A A
Thread Quantity Per Inch	18
Material	STEEL COMP 4140 OR STEEL COMP E4340 OR STEEL COMP 6150 OR STEEL COMP 8735 OR STEEL COMP 8740 OVERALL
Thread Series Designator	UNIFIED NATIONAL JOINT FINE (UNJF)

Lifecycle & Compliance

Acquisition Status	ACTIVE
DEMIL Code	DEMIL A – NO DEMILITARIZATION REQUIRED
Hazard	NO HAZARD CODE IN THE DLA RECORD (HMIC N)
Criticality Code	X

Cross-Reference Index

No manufacturer part numbers on file in the U.S. Government catalog.

Reference Documents

REFERENCE	MEANING
NAS464P10A26	3/2 Design control – primary reference U.S. Government activity

No interchangeability data on file.

Other Items in FSC 5306 – Bolts

Items in the same Federal Supply class. No interchangeability or substitution relationship is implied.

5306-00-001-1276 5306-00-001-1276 · Item name not on file	5306-00-001-1949 5306-00-001-1949 · Item name not on file	5306-00-001-1988 5306-00-001-1988 · Item name not on file	5306-00-001-1989 5306-00-001-1989 · Item name not on file
5306-00-001-1990 5306-00-001-1990 · Item name not on file	5306-00-001-1991 5306-00-001-1991 · Item name not on file	5306-00-001-1993 BOLT,SHEAR	5306-00-001-2017 BOLT,MACHINE

Frequently Asked Questions

What is NSN 5306-01-059-7458?

NSN 5306-01-059-7458 is a Bolt,shear, classified under FSC 5306, Bolts. Status: active.

What are the specifications of 5306-01-059-7458?

Key specifications for 5306-01-059-7458: Head Height: 0.296 INCHES MINIMUM AND 0.328 INCHES MAXIMUM IN; Fastener Length: 2.109 INCHES MINIMUM AND 2.156 INCHES MAXIMUM IN; Surface Treatment Document and Classification: QQ-P-416 TY2 CL2 FED SPEC SINGLE TREATMENT

RESPONSE OVERALL; Thread Length: 0.474 INCHES MINIMUM AND 0.541 INCHES MAXIMUM IN. 19 specifications are documented in the U.S. Government catalog.

Is NSN 5306-01-059-7458 hazardous material?

No hazard code in the DLA record (HMIC N). Hazard information on this page is shown exactly as it appears in the DLA record.

SOURCES

U.S. Government catalog: edition PUBLOGDVD v12.0.0 (OCT 2026), edition date 2026-10-01, retrieved 2026-10-16.
U.S. Government catalog: edition PUBLOGDVD v12.0.0 (OCT 2026), edition date 2026-10-01, retrieved 2026-10-18.

PartsTable — the parts reference. Every fact cited to its source.
partstable.com/parts/5306-01-059-7458

✓ Data cited from the U.S. Government catalog; commercial cross-references from OEM and certified industry sources.
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