

Bolt, Shear

5306-01-059-7451

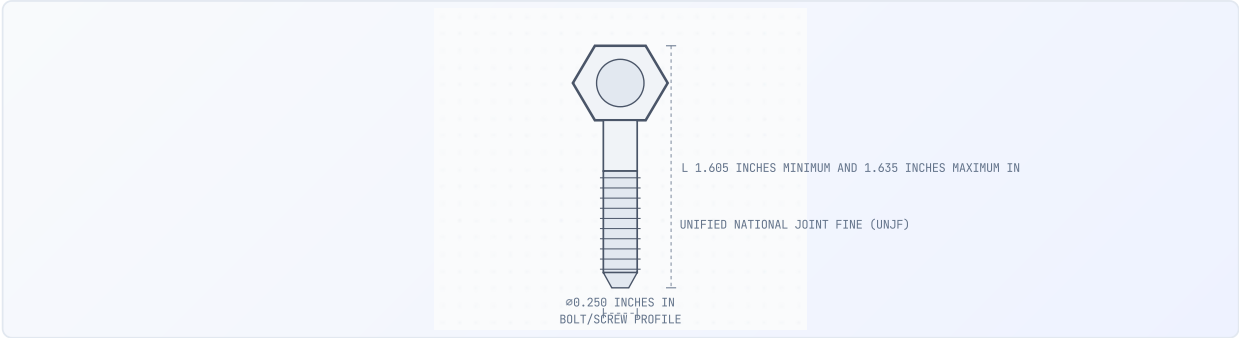
NSN 5306-01-059-7451 · NIIN 010597451

FSC 5306 — Bolts · FSG 53 — Hardware and Abrasives

GOVERNMENT RECORD, CITED

ALSO SEARCHED AS 5306-01-059-7451 · 5306010597451 · NIIN 010597451 · 01-059-7451 · FSC 5306 Bolts · NAS6204-20 · 5306PL1837535

NEARBY STOCK NUMBERS ← 5306-01-059-7450 Bolt, Internally Relieved Body · 5306-01-059-7452 Bolt, Shear →



5306-01-059-7451 — BOLTS

FEATURES

- Bolt,shear — FSC 5306
- Surface Finish: 32.0 MICROINCHES THREADS
- Surface Finish: 32.0 MICROINCHES GRIP
- Surface Finish: 32.0 MICROINCHES BEARING SURFACE OF HEAD
- Head Height: 0.125 INCHES MINIMUM AND 0.140 INCHES MAXIMUM IN
- Fastener Length: 1.605 INCHES MINIMUM AND 1.635 INCHES MAXIMUM IN
- Surface Treatment Document and Classification: QQ-P-416 TY 2 CL 2 FED SPEC SINGLE TREATMENT RESPONSE OVERALL
- Thread Length: 0.345 INCHES MINIMUM AND 0.395 INCHES MAXIMUM IN

IDENTIFICATION

- NSN: 5306-01-059-7451
- NIIN: 010597451
- FSC: 5306 — Bolts
- FSG: 53 — Hardware and Abrasives

GENERAL DESCRIPTION

The Bolt,shear, cataloged under National Stock Number 5306-01-059-7451, is classified within Federal Supply Class 5306 (Bolts) of the Hardware and Abrasives group. Government technical data includes 22 specifications, cited from the U.S. Government catalog. 2 additional reference documents (drawings, advisory and superseded references) are recorded in the U.S. Government catalog. Current acquisition status: Active.

TECHNICAL SPECIFICATIONS

PARAMETER	VALUE
NSN	5306-01-059-7451
Item Name	Bolt,shear
FSC / FSG	5306 / 53 — Bolts
Status	ACTIVE
Surface Finish	32.0 MICROINCHES THREADS

PARAMETER	VALUE
Surface Finish	32.0 MICROINCHES GRIP
Surface Finish	32.0 MICROINCHES BEARING SURFACE OF HEAD
Head Height	0.125 INCHES MINIMUM AND 0.140 INCHES MAXIMUM IN
Fastener Length	1.605 INCHES MINIMUM AND 1.635 INCHES MAXIMUM IN
Surface Treatment Document and Classification	QQ-P-416 TY 2 CL 2 FED SPEC SINGLE TREATMENT RESPONSE OVERALL
Thread Length	0.345 INCHES MINIMUM AND 0.395 INCHES MAXIMUM IN
Hardness Rating	36.0 ROCKWELL C MINIMUM AND 40.0 ROCKWELL C MAXIMUM OVERALL
Material Document and Classification	MIL-S-5000 MIL SPEC 1ST MATERIAL RESPONSE OR MIL-S-6049 MIL SPEC 2ND MATERIAL RESPONSE OR AMS 6322 ASSN STD 2ND MATERIAL RESPONSE OVERALL
Nominal Thread Diameter	0.250 INCHES IN
Head Style	DISHED HEXAGON
Thread Direction	RIGHT-HAND
Specification/standard Data	80205-NAS6204 PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD
Grip Length	1.240 INCHES MINIMUM AND 1.260 INCHES MAXIMUM IN
Width Between Flats	0.429 INCHES MINIMUM AND 0.439 INCHES MAXIMUM IN
Grip Diameter	0.2485 INCHES MINIMUM AND 0.2495 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	28
Material	STEEL COMP E4340 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
NAS6204-20	3/2 Design control – primary reference U.S. Government activity
5306PL1837535	6/9 Informative reference only Jednolity Indeks Materialowy - Uniform Material Index

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 5306-01-059-7451?

NSN 5306-01-059-7451 is a Bolt,shear, classified under FSC 5306, Bolts. Status: active.

What are the specifications of 5306-01-059-7451?

Key specifications for 5306-01-059-7451: Surface Finish: 32.0 MICROINCHES THREADS; Surface Finish: 32.0 MICROINCHES GRIP; Surface Finish: 32.0 MICROINCHES BEARING SURFACE OF HEAD; Head Height: 0.125 INCHES MINIMUM AND 0.140 INCHES MAXIMUM IN. 22 specifications are documented in the U.S. Government catalog.

Is NSN 5306-01-059-7451 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/5306-01-059-7451

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


 PartsTable Design LLC · partstable.com