

Screw, Close Tolerance

5305-00-005-0621

NSN 5305-00-005-0621 · NIIN 000050621 · Part number 51B221-22H

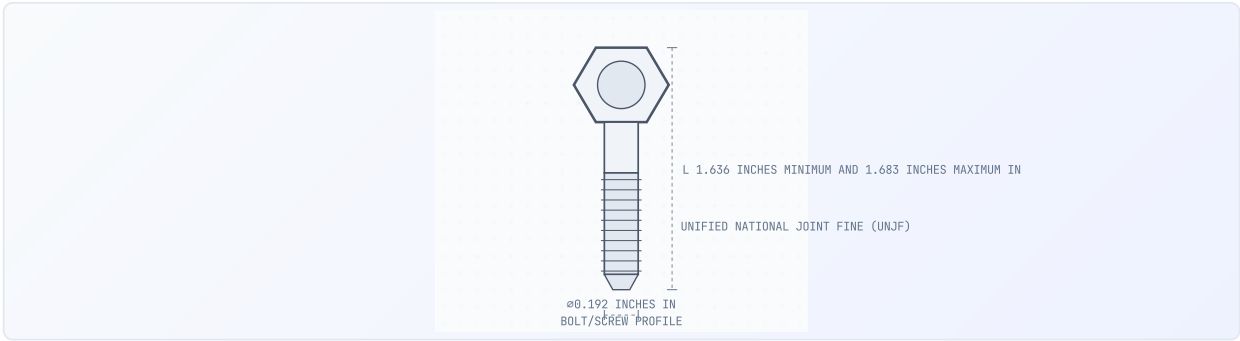
Northrop Grumman Systems Corporation · FSC 5305 — Screws · FSG 53 — Hardware and Abrasives · CAGE 79U29

GOVERNMENT RECORD, CITED

NSN 5305-00-005-0621 — this item is cataloged by the U.S. Government under National Stock Number 5305-00-005-0621. Manufacturer of record part number: **51B221-22H**.

ALSO SEARCHED AS 5305-00-005-0621 · 5305000050621 · NIIN 000050621 · 00-005-0621 · FSC 5305 Screws · CAGE 79U29 · 51B221-22H

NEARBY STOCK NUMBERS ← 5305-00-005-0582 Screw, Machine · 5305-00-005-0622 Screw, Close Tolerance →



5305-00-005-0621 — SCREWS

FEATURES

- Screw,close Tolerance — FSC 5305
- Surface Finish: 32.0 MICROINCHES GRIP
- Head Height: 0.103 INCHES MINIMUM AND 0.118 INCHES MAXIMUM IN
- Fastener Length: 1.636 INCHES MINIMUM AND 1.683 INCHES MAXIMUM IN
- Surface Treatment Document and Classification: QQ-P-416,TY 2,CL 3 FED SPEC SINGLE TREATMENT RESPONSE OVERALL
- Thread Length: 0.276 INCHES MINIMUM IN
- Material Document and Classification: MIL-S-5626 MIL SPEC 1ST MATERIAL RESPONSE OR MIL-S-5000 MIL SPEC 2ND MATERIAL RESPONSE OR MIL-S-8503 MIL SPEC 3RD MATERIAL RESPONSE OR MIL-S-6098 MIL SPEC 4TH MATERIAL RESPONSE OR MIL-S-6049 MIL SPEC 5TH MATERIAL RESPONSE OVERALL
- Nominal Thread Diameter: 0.192 INCHES IN

IDENTIFICATION

- NSN: 5305-00-005-0621
- NIIN: 000050621
- FSC: 5305 — Screws
- FSG: 53 — Hardware and Abrasives
- Primary part number: 51B221-22H
- Manufacturer: Northrop Grumman Systems Corporation

GENERAL DESCRIPTION

The Screw,close Tolerance, cataloged under National Stock Number 5305-00-005-0621, is classified within Federal Supply Class 5305 (Screws) of the Hardware and Abrasives group. The manufacturer of record is Northrop Grumman Systems Corporation. Government technical data includes 19 specifications, cited from the U.S. Government catalog. The record lists 1 manufacturer part number for this item, enabling identification through both NSN and commercial part number lookups. 2 additional reference documents (drawings, advisory and superseded references) are recorded in the U.S. Government catalog.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	5305-00-005-0621
Primary Part Number	51B221-22H
Item Name	Screw,close Tolerance
FSC / FSG	5305 / 53 — Screws
Manufacturer	Northrop Grumman Systems Corporation
Status	ACTIVE
Surface Finish	32.0 MICROINCHES GRIP
Head Height	0.103 INCHES MINIMUM AND 0.118 INCHES MAXIMUM IN
Fastener Length	1.636 INCHES MINIMUM AND 1.683 INCHES MAXIMUM IN
Surface Treatment Document and Classification	QQ-P-416,TY 2,CL 3 FED SPEC SINGLE TREATMENT RESPONSE OVERALL
Thread Length	0.276 INCHES MINIMUM IN
Material Document and Classification	MIL-S-5626 MIL SPEC 1ST MATERIAL RESPONSE OR MIL-S-5000 MIL SPEC 2ND MATERIAL RESPONSE OR MIL-S-8503 MIL SPEC 3RD MATERIAL RESPONSE OR MIL-S-6098 MIL SPEC 4TH MATERIAL RESPONSE OR MIL-S-6049 MIL SPEC 5TH MATERIAL RESPONSE OVERALL
Nominal Thread Diameter	0.192 INCHES IN
Head Style	PAN
Thread Direction	RIGHT-HAND
Grip Length	1.360 INCHES MINIMUM AND 1.390 INCHES MAXIMUM IN
Grip Diameter	0.1885 INCHES MINIMUM AND 0.1895 INCHES MAXIMUM IN
Surface Treatment	CADMIUM AND CHROMATE OVERALL
Minimum Tensile Strength	180000 POUNDS PER SQUARE INCH LBS
Internal Drive Style	OFFSET CRUCIFORM (TORQUE SET)
Thread Class	3A A
Thread Quantity Per Inch	32
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)
Head Diameter	0.361 INCHES MINIMUM AND 0.381 INCHES MAXIMUM IN

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

Part Number	Manufacturer
51B221-22H PRIMARY	Northrop Grumman Systems Corporation (USA)

Reference Documents

Reference	Meaning
51B221-22H	5/9 Secondary reference Northrop Grumman Technical Services, Inc. Dba Defense Systems Sector
51B221-22H	3/9 Design control — primary reference Northrop Grumman Systems Corporation Dba Northrop Grumman Is Div Northrop Grumman Aeronautics Systems

No interchangeability data on file.

Other Items in FSC 5305 — Screws

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

5305-00-001-5016 5305-00-001-5016 · Item name not on file	5305-00-001-9160 5305-00-001-9160 · Item name not on file	5305-00-001-9629 SCREW,ADJUSTING CLEVIS	5305-00-001-9742 5305-00-001-9742 · Item name not on file
5305-00-001-9768 SCREW,CAP,SOCKET HEAD	5305-00-003-4306 SCREW,MACHINE	5305-00-003-6694 5305-00-003-6694 · Item name not on file	5305-00-003-6753 5305-00-003-6753 · Item name not on file

FREQUENTLY ASKED QUESTIONS

What is NSN 5305-00-005-0621?

NSN 5305-00-005-0621 is a Screw,close Tolerance, manufactured by Northrop Grumman Systems Corporation, classified under FSC 5305, Screws. Status: active.

What part numbers are listed for NSN 5305-00-005-0621?

NSN 5305-00-005-0621 has 1 manufacturer part number on file: 51B221-22H (Northrop Grumman Systems Corporation).

What are the specifications of 51B221-22H?

Key specifications for 51B221-22H: Surface Finish: 32.0 MICROINCHES GRIP; Head Height: 0.103 INCHES MINIMUM AND 0.118 INCHES MAXIMUM IN; Fastener Length: 1.636 INCHES MINIMUM AND 1.683 INCHES MAXIMUM IN; Surface Treatment Document and Classification: QQ-P-416,TY 2,CL 3 FED SPEC SINGLE TREATMENT RESPONSE OVERALL. 19 specifications are documented in the U.S. Government catalog.

Is NSN 5305-00-005-0621 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/5305-00-005-0621

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

 PartsTable Design LLC · partstable.com