

# Shaft, Shouldered

3040-01-252-6178

NSN 3040-01-252-6178 · NIIN 012526178

FSC 3040 — Miscellaneous Power Transmission Equipment · FSG 30 — Mechanical Power Transmission Equipment

 **GOVERNMENT RECORD, CITED**

ALSO SEARCHED AS
 3040-01-252-6178 · 3040012526178 · NIIN 012526178 · 01-252-6178 · FSC 3040
 Miscellaneous Power Transmission Equipment

NEARBY STOCK NUMBERS
 ← 3040-01-252-5914 Shaft, Shouldered · 3040-01-252-6243 Gearshaft, Multiple Gears →

## FEATURES

- Shaft,shouldered — FSC 3040
- Step Quantity: 2
- First End Diameter: 0.5938 INCHES MINIMUM AND 0.6094 INCHES MAXIMUM IN
- First End Spline Major Diameter: 0.5938 INCHES MINIMUM AND 0.6094 INCHES MAXIMUM IN
- Largest Step Diameter: 0.5140 INCHES MINIMUM AND 0.5240 INCHES MAXIMUM IN
- First End Style: SPLINED (STRAIGHT)
- Material Document and Classification: AMS6475 ASSN STD SINGLE MATERIAL RESPONSE
- First End Spline Length: 0.4531 INCHES MINIMUM AND 0.4688 INCHES MAXIMUM IN

## IDENTIFICATION

- NSN: 3040-01-252-6178
- NIIN: 012526178
- FSC: 3040 — Miscellaneous Power Transmission Equipment
- FSG: 30 — Mechanical Power Transmission Equipment

## GENERAL DESCRIPTION

The Shaft,shouldered, cataloged under National Stock Number 3040-01-252-6178, is classified within Federal Supply Class 3040 (Miscellaneous Power Transmission Equipment) of the Mechanical Power Transmission Equipment group. Government technical data includes 11 specifications, cited from the U.S. Government catalog. 1 additional reference document (drawings, advisory and superseded references) is recorded in the U.S. Government catalog.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                                  | 3040-01-252-6178                                       |
| Item Name                            | Shaft,shouldered                                       |
| FSC / FSG                            | 3040 / 30 — Miscellaneous Power Transmission Equipment |
| Status                               | ACTIVE                                                 |
| Step Quantity                        | 2                                                      |
| First End Diameter                   | 0.5938 INCHES MINIMUM AND 0.6094 INCHES MAXIMUM IN     |
| First End Spline Major Diameter      | 0.5938 INCHES MINIMUM AND 0.6094 INCHES MAXIMUM IN     |
| Largest Step Diameter                | 0.5140 INCHES MINIMUM AND 0.5240 INCHES MAXIMUM IN     |
| First End Style                      | SPLINED (STRAIGHT)                                     |
| Material Document and Classification | AMS6475 ASSN STD SINGLE MATERIAL RESPONSE              |
| First End Spline Length              | 0.4531 INCHES MINIMUM AND 0.4688 INCHES MAXIMUM IN     |
| First End Spline Quantity            | 20                                                     |
| End Similarity                       | IDENTICAL                                              |
| First End Spline Minor Diameter      | 0.5260 INCHES MINIMUM AND 0.5360 INCHES MAXIMUM IN     |
| Material                             | STEEL                                                  |

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                                                                       |
|---------------|-------------------------------------------------------------------------------|
| 37C301961P102 | <div>3/2</div> Design control — primary reference<br>U.S. Government activity |

No interchangeability data on file.

OTHER ITEMS IN FSC 3040 — MISCELLANEOUS POWER TRANSMISSION EQUIPMENT

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

|                                                                     |                                                                     |                                                                     |                                                                     |
|---------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>3040-00-001-0046</b><br>3040-00-001-0046 · Item name not on file | <b>3040-00-001-0047</b><br>3040-00-001-0047 · Item name not on file | <b>3040-00-001-0048</b><br>3040-00-001-0048 · Item name not on file | <b>3040-00-001-0068</b><br>3040-00-001-0068 · Item name not on file |
| <b>3040-00-001-0077</b><br>3040-00-001-0077 · Item name not on file | <b>3040-00-001-0078</b><br>3040-00-001-0078 · Item name not on file | <b>3040-00-001-0089</b><br>3040-00-001-0089 · Item name not on file | <b>3040-00-001-1224</b><br>3040-00-001-1224 · Item name not on file |

FREQUENTLY ASKED QUESTIONS

What is NSN 3040-01-252-6178?

NSN 3040-01-252-6178 is a Shaft,shouldered, classified under FSC 3040, Miscellaneous Power Transmission Equipment. Status: active.

What are the specifications of 3040-01-252-6178?

Key specifications for 3040-01-252-6178: Step Quantity: 2; First End Diameter: 0.5938 INCHES MINIMUM AND 0.6094 INCHES MAXIMUM IN; First End Spline Major Diameter: 0.5938 INCHES MINIMUM AND 0.6094 INCHES MAXIMUM IN; Largest Step Diameter: 0.5140 INCHES MINIMUM AND 0.5240 INCHES MAXIMUM IN. 11 specifications are documented in the U.S. Government catalog.

Is NSN 3040-01-252-6178 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/3040-01-252-6178](https://partstable.com/parts/3040-01-252-6178)


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


 PartsTable Design LLC · [partstable.com](https://partstable.com)