

FED. SUPPLY CLASS

5315

1. SCOPE

- 1.1 Scope. This specification establishes the requirements for the manufacture and inspection of one type of straight headed pin.
- 1.2 Classification. Pins shall be fabricated from any one of the following compositions (see 3.1):
- a. 4037, 4130 or 8630, steel alloy.
 - b. PH13-8Mo, CRES.
 - c. Ti-6Al-4V, titanium alloy.
 - d. 8740 steel alloy.

2. APPLICABLE DOCUMENTS

2.1 Government documents.

- 2.1.1 Specifications, standards and handbooks: Unless otherwise specified, the following specifications, standards and handbooks of the issue listed in that issue of the Department of Defense Index of Specifications and Standards (DoDISS) specified in the solicitation form a part of this specification to the extent specified herein.

SPECIFICATIONS

MILITARY

~~MIL-S-6049~~	~~Steel, Chrome-Nickel-Molybdenum (8740) Bars and Reforging Stock (Aircraft Quality)~~
MIL-S-6050	Steel, Chrome-Nickel-Molybdenum (8630) Bars and Reforging Stock (Aircraft Quality)
~~MIL-S-6758~~	~~Steel, Chrome-Molybdenum (4130) Bars and Reforging Stock, Aircraft Quality~~
~~MIL-T-9047~~	~~Titanium and Titanium Alloy, Bars (Rolled or Forged) and Reforging Stock, Aircraft Quality~~
MIL-DTL-83488	Coating, Aluminum, Ion Vapor Deposited

STANDARDS

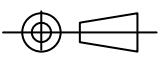
MILITARY

MIL-STD-2073-1 Standard Practice for Military Packaging

Copies can be obtained from the Department of Defense Single Stock Point (DODSSP). <http://dodssp.daps.dla.mil>

① COMPLETELY REVISED

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MIL-P-5673, REVISION D.

THIRD ANGLE PROJECTION		CUSTODIAN	REVISION
		NATIONAL AEROSPACE STANDARDS COMMITTEE	1
		TITLE	CLASSIFICATION SPECIFICATION
PROCUREMENT SPECIFICATION		PIN, STRAIGHT, HEADED	NASM5673
NONE			SHEET 1 OF 6

THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME PRODUCT AND SHALL BECOME EFFECTIVE NO LATER THAN SIX MONTHS FROM THE LAST REVISION DATE.

ISSUE DATE: OCTOBER 1998
REVISION DATE: JANUARY 31, 2013

- 2.2 Other publications. The following document(s) form a part of this specification to the extent specified herein. The issues of the documents which are indicated as DoD adopted shall be the issue listed in the current DoDISS and the supplement thereto, if applicable.

AEROSPACE INDUSTRIES ASSOCIATION

NASM1312 Fasteners, Test Methods

NASM20392 Pin, Straight Headed

Copies can be obtained from the Aerospace Industries Association, 1000 Wilson Blvd., Suite 1700, Arlington, VA 22209. www.aia-aerospace.org

SAE INTERNATIONAL

AMS-QQ-P-416 Plating, Cadmium (Electrodeposited)

AMS2300 Premium Aircraft Quality Steel Cleanliness, Magnetic Particle Inspection Procedure

AMS2301 Aircraft Quality Steel Cleanliness, Magnetic Particle Inspection Procedure

AMS2460 Plating, Chromium

AMS2631 Ultrasonic Inspection of Titanium Alloys

AMS2759 Heat Treatment of Steel Parts, General Requirements

AS5272 Lubricant, Solid Film, Heat Cured, Corrosion Inhibiting

AMS5629 Steel Bars, Forgings, Rings, and Extrusions, Corrosion Resistant

AMS2632 Ultrasonic Inspection of Thin Materials 0.5 Inch (13 mm) and Thinner

AMS6300 Steel Bars and Forgings, 0.25 Mo (0.35-0.40C) (SAE 4037).

AMS6322 Steel, Bars, Forgings, and Rings 0.50Cr - 0.55Ni - 0.25Mo (0.38 - 0.43C) (SAE 8740) - UNS G87400

AMS6325 Steel, Bars and Forgings 0.50Cr - 0.55Ni - 0.25Mo (0.38 - 0.43C) (SAE 8740) Heat Treated, 105 ksi (724 MPa) Tensile Strength - UNS G87400

AMS6327 Steel, Bars and Forgings 0.50Cr - 0.55Ni - 0.25Mo (0.38 - 0.43C) (SAE 8740) Heat Treated, 125 ksi (862 MPa) Tensile Strength

AMS-S-6758 Steel, Chrome-Molybdenum (4130) Bars and Reforging Stock, Aircraft Quality

AMS-T-9047 Titanium and Titanium Alloy, Bars (Rolled or Forged) and Reforging Stock, Aircraft Quality

Copies can be obtained from SAE International, 400 Commonwealth Dr., Warrendale, PA 15096-0001. www.sae.org

AMERICAN SOCIETY FOR QUALITY

ASQ Z1.4 Sampling Procedures and Tables for Inspection by Attributes

Copies can be obtained from the American Society for Quality, 600 North Plankinton Ave., Milwaukee, WI 53203. www.asq.org

ASTM INTERNATIONAL

ASTM A 380 Cleaning and Descaling Stainless Steel Parts, Equipment and Systems

ASTM E 1444 Magnetic Particle Examination, Standard Practice for

ASTM D 3951 Standard Practice for Commercial Packaging

Copies can be obtained from ASTM International, 100 Barr Harbor Drive, PO Box C700, West Conshohocken, PA 19428-2959. www.astm.org

(Industry association specifications and standards are generally available for reference from libraries. They are also distributed among technical groups and using Federal agencies.)

- 2.3 Order of precedence. In the event of a conflict between the text of this specification and the references cited herein, the text of this specification shall take precedence.

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REVISION

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