

INCH-POUND

MIL-I-81969/43B
28 June 1993
SUPERSEDING
MIL-I-81969/43A
29 January 1982

MILITARY SPECIFICATION SHEET

INSTALLING AND REMOVAL TOOLS, SOCKET HEAD, ELECTRONIC COMPONENTS
TYPE II, CLASS I, COMPOSITION C

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification sheet and the issue of the following specification listed in that issue of the Department of Defense Index of Specifications and Standards (DODISS) specified in the solicitation: MIL-I-81969.

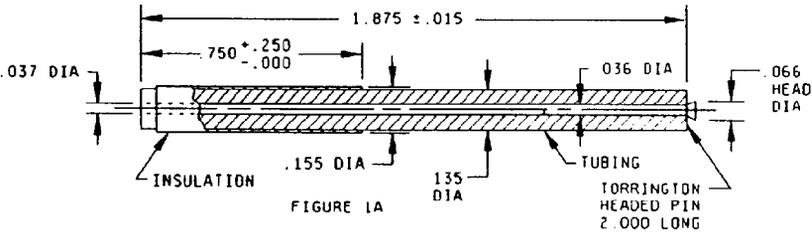


FIGURE 1A

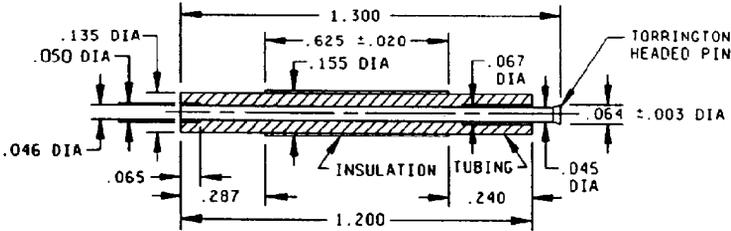


FIGURE 1B

- NOTES:
- 1. Dimensions are in inches.
 - 2. Metric equivalents are given for general information only.
 - 3. Unless otherwise specified, tolerance is ±0.005 inch (0.13 mm).
 - 4. Each tool shall be legibly and permanently marked in accordance with MIL-STD-130.

FIGURE 1. Removal tool.

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Inches	mm	Inches	mm
.003	.08	.135	3.43
.015	.38	.155	3.94
.020	.51	.240	6.10
.036	.91	.250	6.35
.037	.94	.287	7.25
.045	1.14	.625	15.88
.046	1.17	.750	19.05
.050	1.27	1.200	30.48
.064	1.63	1.300	33.02
.065	1.65	1.875	47.63
.066	1.68	2.000	50.80
.067	1.70		

FIGURE 1. Removal tool - Continued.

REQUIREMENTS:

Dimensions and configuration: See figure 1A or 1B (as applicable).

Materials:

Torrington headed pin: Tool steel.

Insulation: Polyolefin heat shrinkable tubing (red).

Tubing: 304 stainless steel half hard temper.

Rotation and thrust: Not applicable.

Part number: M81969/43 - (dash number from table I).

TABLE I. Dash numbers.

Dash number	Applicable figure	Applicable contact from MIL-S-83505/6
-01	1A	-001, -002, and -003
-02	1B	-004

Application: This tool shall be used to remove the applicable contacts from MIL-S-83505/6 as specified in table I.

Qualifications is not required.

First article inspection shall be applied on each and every contract. The first article inspection shall not be waived even for manufacturers who have previously received a first article inspection contract. Contracts with renewal options shall impose first article test requirements at each renewal.

The first article test requirements are as specified in MIL-C-81969, paragraph 4.4, qualification inspection, for each dash number. The only approved laboratory shall be as follows:

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Naval Air Warfare Center
Aircraft Division (DP704N/MS-60)
6000 East 21st Street
Indianapolis, IN 46219-2189
Telephone 317-353-3274

The bidder awarded the contract shall incur the costs of first article tests. The contracting officer shall include a fee schedule identifying the cost for first article testing in the contract solicitation. The fee schedule shall be obtained from the Naval Air Warfare Center.

CONCLUDING MATERIAL

Custodians:

Army - CR
Navy - EC
Air Force - 85

Review activities:

Army - AT, AV, MI
Navy - AS, OS, SH
Air Force - 85, 99
DLA - ES

User activities:

Army - ME
Navy - MC
Air Force - 19

Preparing activity:

Air Force - 85

Agent:

DLA - ES

(Project 5120-0001)