

SAT-023 = MIL-I-81969/1-02 RED - WHITE

MILITARY SPECIFICATION SHEET

INSTALLING AND REMOVAL TOOLS, CONNECTOR ELECTRICAL CONTACT,
TYPE III, CLASS 2, COMPOSITION C

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

The complete requirements for procuring the tools described herein shall consist
of this document and the latest issue of Specification MIL-I-81969.

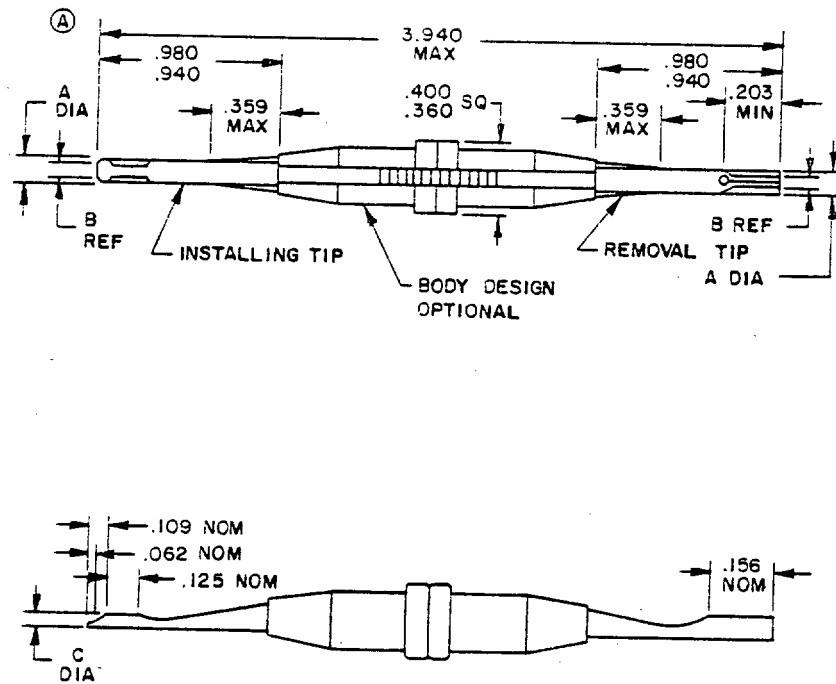


FIGURE 1. Installing and removal tool, dash -01 and -04.

(A) Denotes changes.

1/ For complete supersession date, see page 3 of this specification.

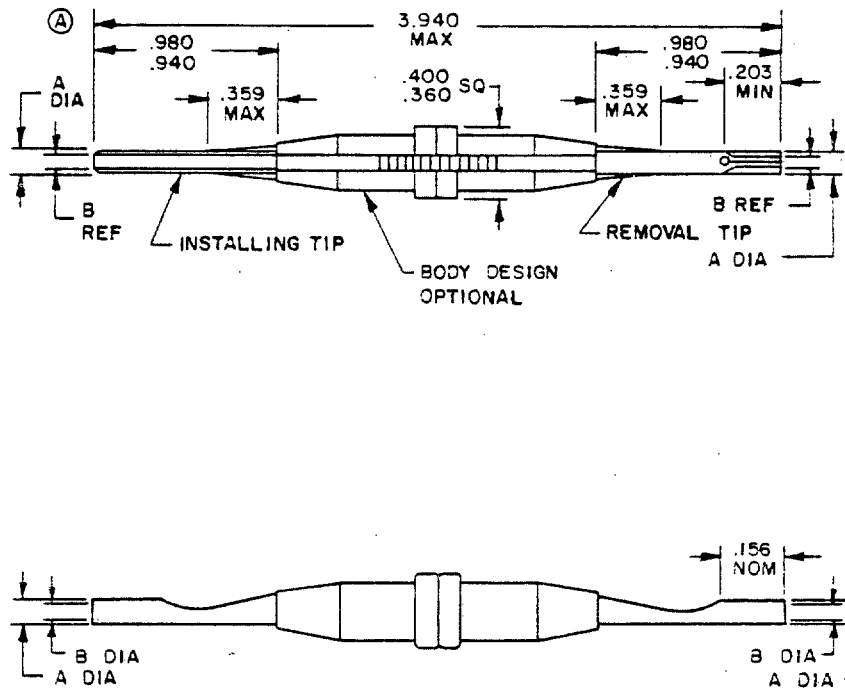


FIGURE 2. Installing and removal tool, dash -02 and -03.

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INCHES	MM	INCHES	MM	INCHES	MM
.062	1.57	.203	5.16	.940	23.88
.109	2.77	.359	9.12	.980	24.89
.125	3.18	.360	9.14	3.940	100.08
.156	3.96	.400	10.16		

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only and are based upon 1.00 inch = 25.4 mm.
3. Slot design shall allow all applicable wire sizes to fit into tool freely.
4. Each tool shall be legibly and permanently marked on the handle in accordance with MIL-STD-130.
5. Metric equivalents are in parentheses.

FIGURE 3. Metrics and notes for figures 1 and 2.

TABLE I. Dash numbers, dimensions, color code, and superseded part number.

Dash number	Contact size	A Dia	B Ref	C Dia	Color code body		Fig. no.	Superseded part number
					Installing tip	Removal tip		
-01	22	.074(1.88) .070(1.78)	.054(1.37) .052(1.32)	.065(1.65) .063(1.60)	Green	White	1	MS3156-22
SAT-023	-02	.085(2.16) .081(2.06)	.072(1.83) .068(1.73)	---	Red	White	2	MS3156-20 M24308/18-2
-03	16	.134(3.40) .128(3.25)	.114(2.90) .110(2.79)	---	Blue	White	2	MS3156-16 M24308/18-3
-04	22D	.065(1.65) .063(1.60)	.059(1.50) .055(1.40)	.065(1.65) .063(1.60)	Green	White	1	M24308/18-1

REQUIREMENTS:

Dimensions and configuration: See figures 1, 2, 3, and table I.

Materials:

Body: Molded acetal or approved equivalent.

Tips: Metal treated to resist corrosion.

Plating: Not applicable.

Plunger force: Not applicable.

Part number: M81969/1 - (and dash number from table I).

Application: These tools shall be used to install and remove contacts from connectors specified in MIL-C-24308 and MIL-C-81659, series 2.

Supersession data: In addition to MIL-I-81969/1, the following documents are also superseded by this specification.

- a. MS3156(NAVY), dated 21 July 1971.
- b. MIL-C-24308/18, dated 15 May 1972.

MIL-I-81969/1A

Custodians:

Army - CR
Navy - AS
Air Force - 85

Review activities:

Army - MI, AR, AT, GL
Navy - EC, SH, OS
Air Force - 11, 17, 99
DLA - ES

User activities:

Army - , ME, AV,
Navy - MC, YD
Air Force - 19

Preparing activity:
Navy - AS

Agent:
DLA - ES

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