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REV.
A

AS81969™/43

FEDERAL SUPPLY CLASS
5120

RATIONALE

REVISION REQUIRED TO ADD TABLE 2 FROM MIL-I-81659/43B.

NOTICE

THE COMPLETE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS81969.

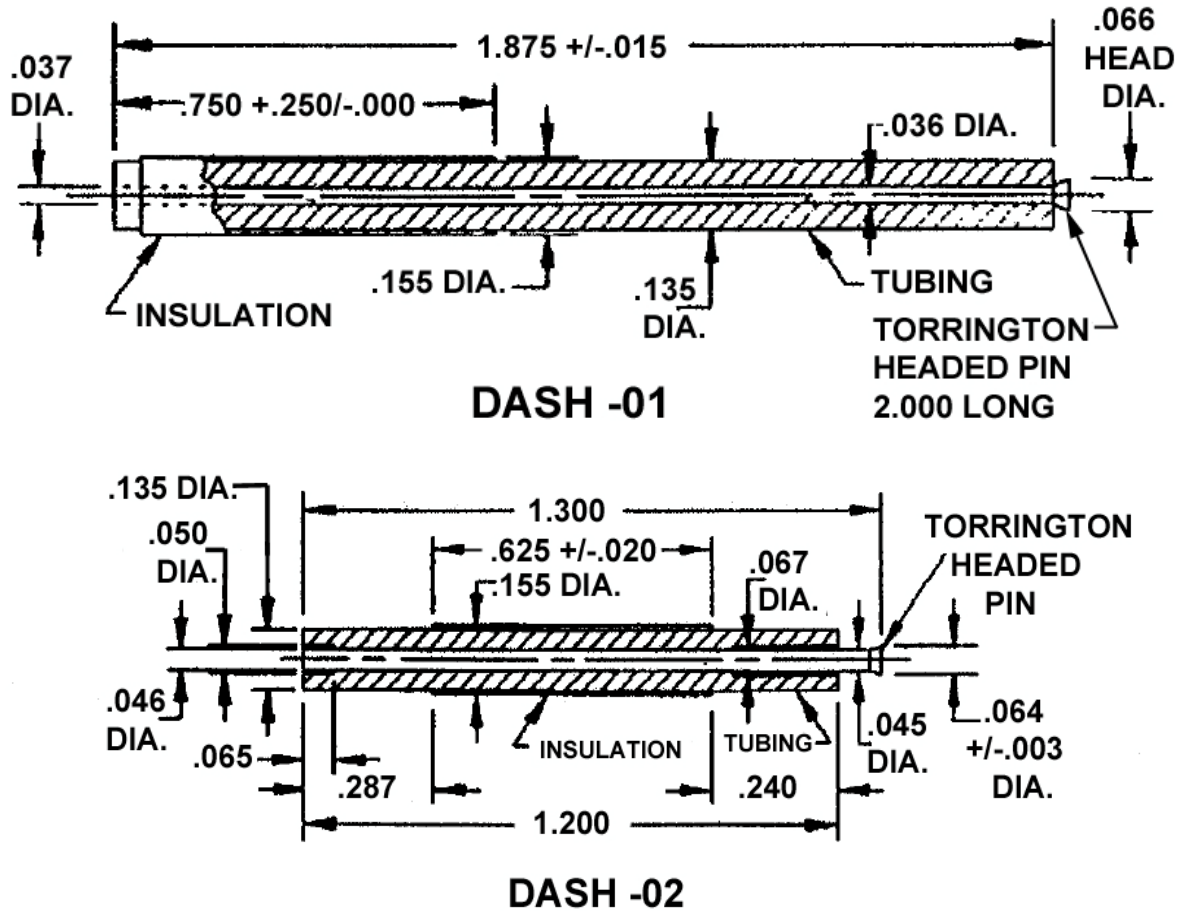
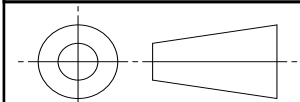


FIGURE 1 - REMOVAL TOOL -01 AND -02 CONFIGURATIONS AND DIMENSIONS

For more information on this standard, visit

<https://www.sae.org/standards/content/AS81969/43A/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8C2

PROCUREMENT SPECIFICATION: AS81969



AEROSPACE STANDARD

REMOVAL TOOLS, SOCKET HEAD, ELECTRONIC
COMPONENTS, TYPE II, CLASS 1, COMPOSITION C

AS81969™/43
SHEET 1 OF 2

REV.
A

Documents

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TABLE 1 - METRIC EQUIVALENTS

INCHES	MILLIMETERS	INCHES	MILLIMETERS	INCHES	MILLIMETERS
.003	0.076	.064	1.63	.287	7.29
.015	0.381	.065	1.65	.625	15.88
.020	0.508	.066	1.68	.750	19.05
.036	0.914	.067	1.70	1.200	30.48
.037	0.940	.135	3.43	1.300	33.02
.045	1.143	.155	3.94	1.875	47.63
.046	1.168	.240	6.10	2.000	50.80
.050	1.270	.250	6.35		

REQUIREMENTS: ALL REQUIREMENTS SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS81969.

- DESIGN: THE TOOL SHALL BE DESIGNED IN ACCORDANCE WITH FIGURES 1 AND 2. DIMENSIONS ARE IN INCHES. METRIC EQUIVALENTS IN TABLE 1 ARE GIVEN FOR GENERAL INFORMATION ONLY AND ARE BASED ON 1 INCH = 25.4 MILLIMETERS. UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ± 0.005 INCH (0.13 MILLIMETERS).

- MATERIAL AND FINISHES:

TORRINGTON HEADED PIN - TOOL STEEL IN ACCORDANCE WITH AS81969.

INSULATION - POLYOLEFIN HEAT SHRINKABLE TUBING (RED).

TUBING - 304 STAINLESS STEEL HALF HARD TEMPER.

- PART NUMBER/MARKING: M81969/43-01 FOR USE WITH MIL-DTL-83505/6-001, -002, AND -003
M81969/43-02 FOR USE WITH MIL-DTL-83505/6-004

EACH TOOL SHALL BE LEGIBLY AND PERMANENTLY MARKED ON THE HANDLE WITH THE MANUFACTURER'S IDENTIFICATION AND PART NUMBER IN ACCORDANCE WITH MIL-STD-130. MANUFACTURER SYMBOL, IF USED, SHALL BE IN ACCORDANCE WITH AIR1351.

- QUALIFICATION: QUALIFICATION SHALL BE IN ACCORDANCE WITH AS81969 WITH THE FOLLOWING EXCEPTIONS:

ROTATION AND THRUST - NOT APPLICABLE.

ALTERNATIVE QUALIFICATION REQUIREMENTS SUCH AS CERTIFICATION, FIRST ARTICLE OR QC TESTING MAY BE IMPOSED BY THE QUALIFYING ACTIVITY (QA). THE QA SHALL SUBMIT A WRITTEN REQUEST TO THE AE-8C2 COMMITTEE FOR REVIEW AND APPROVAL OF THE ALTERNATIVE QUALIFICATION TESTING PROGRAM PRIOR TO IMPLEMENTATION OF THE REQUIREMENT.

APPLICATION NOTES:

- THIS TOOL SHALL BE USED TO REMOVE THE APPLICABLE CONTACTS FROM MIL-DTL-83505/6 AS SPECIFIED IN TABLE 2.

TABLE 2 - APPLICABLE TOOL AND CONTACTS

AS81969/43 TOOL	MIL-DTL-83505/6 CONTACT
M81969/43-01	M83505/6-001, -002, -003
M81969/43-02	M83505/6-004

- THIS DOCUMENT SUPERSEDES MIL-I-81969/43B DATED 28 JUNE 1993.

SPECIFICATION NOTES:

- REVISION INDICATOR: A CHANGE BAR (I) LOCATED IN THE LEFT MARGIN IS FOR THE CONVENIENCE OF THE USER IN LOCATING AREAS WHERE TECHNICAL REVISIONS, NOT EDITORIAL CHANGES, HAVE BEEN MADE TO THE PREVIOUS ISSUE OF THIS DOCUMENT. AN (R) SYMBOL TO THE LEFT OF THE DOCUMENT TITLE INDICATES A COMPLETE REVISION OF THE DOCUMENT, INCLUDING TECHNICAL REVISIONS. CHANGE BARS AND (R) ARE NOT USED IN ORIGINAL PUBLICATIONS, NOR IN DOCUMENTS THAT CONTAIN EDITORIAL CHANGES ONLY.

	AEROSPACE STANDARD		AS81969™/43 SHEET 2 OF 2	REV. A
	REMOVAL TOOLS, SOCKET HEAD, ELECTRONIC COMPONENTS, TYPE II, CLASS 1, COMPOSITION C			

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