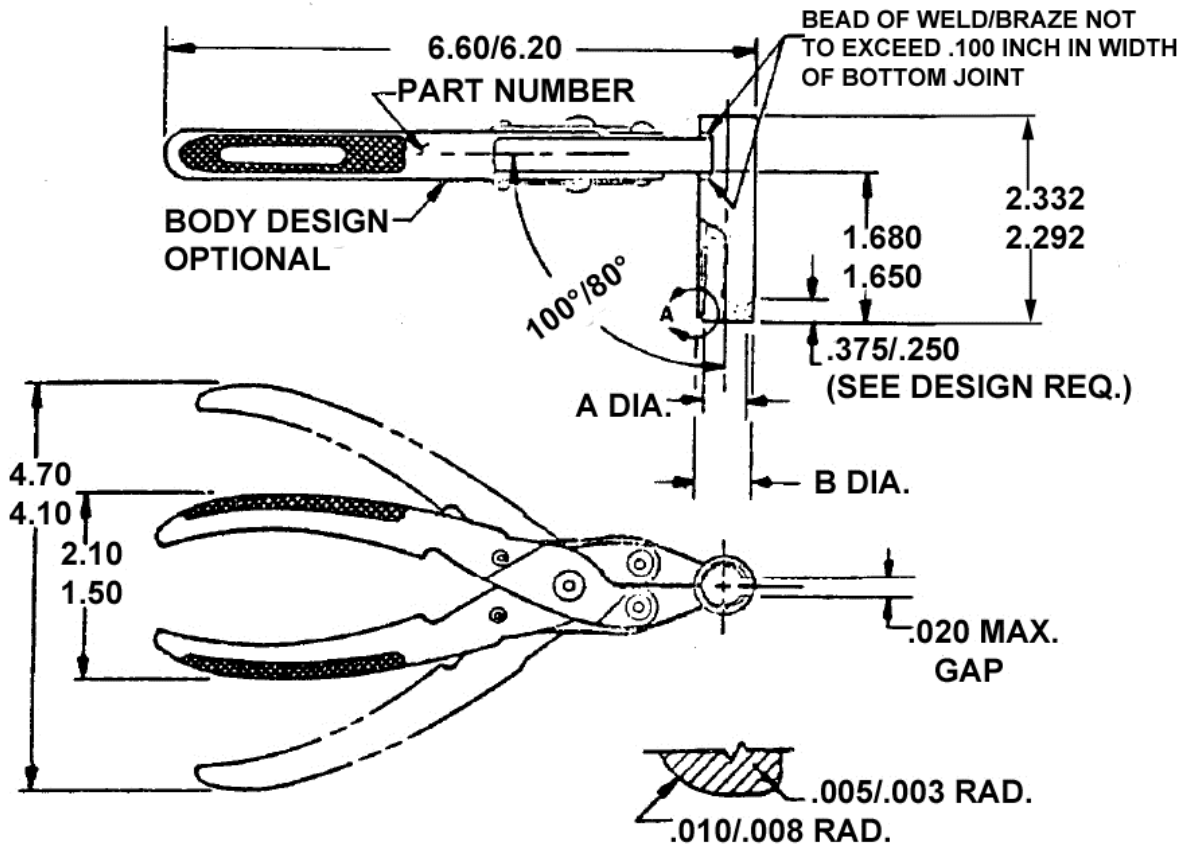


THE COMPLETE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS81969.

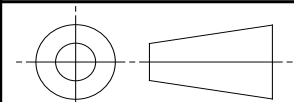


DETAIL A

FIGURE 1 - REMOVAL TOOL CONFIGURATIONS/DIMENSIONS

For more information on this standard, visit
<https://www.sae.org/standards/content/AS81969/15>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C2

PROCUREMENT SPECIFICATION: AS81969



AEROSPACE STANDARD

REMOVAL TOOLS, CONNECTOR,
ELECTRICAL CONTACT, TYPE II,
CLASS 2, COMPOSITION A

AS81969™/15
SHEET 1 OF 2

Documents

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SSUED 2015-06 REAFFIRMED 2020-08

TABLE 1 - METRIC EQUIVALENTS

INCHES	MILLIMETERS	INCHES	MILLIMETERS	INCHES	MILLIMETERS	INCHES	MILLIMETERS	INCHES	MILLIMETERS
.003	0.08	.020	0.51	1.650	41.91	2.332	59.23	6.60	167.64
.005	0.13	.250	6.35	1.680	42.67	4.10	104.14		
.008	0.20	.375	9.53	2.10	53.34	4.70	119.38		
.010	0.25	1.50	38.10	2.292	58.22	6.20	157.48		

TABLE 2 - FIGURE 1 DIMENSIONS/SUPERSEDED PART NUMBERS

DASH NUMBER	CONTACT SIZE	A MAX.	B DIA.	C DIA.	D DIA.	SUPERSEDED PART NUMBER
-01	8	.282 (7.16) .276 (7.01)	.316 (8.03) .310 (7.87)	.275 (6.98) .274 (6.96)	.318 (8.08) .317 (8.05)	MS3483-1
-02	4	.398 (10.11) .392 (9.96)	.440 (11.18) .434 (11.02)	.391 (9.93) .390 (9.91)	.442 (11.23) .441 (11.20)	MS3483-2
-03	0	.591 (15.01) .585 (14.86)	.628 (15.95) .622 (15.80)	.584 (14.83) .583 (14.81)	.630 (16.00) .629 (15.98)	MS3483-3

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

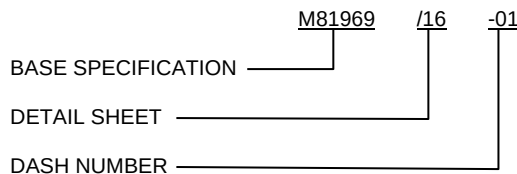
- DESIGN: THE TOOL SHALL BE DESIGNED IN ACCORDANCE WITH FIGURE 1 AND TABLE 2. DIMENSIONS ARE IN INCHES. METRIC EQUIVALENTS IN TABLE 1 ARE GIVEN FOR GENERAL INFORMATION ONLY AND ARE BASED ON 1 INCH = 25.4 MILLIMETERS. WITH TIPS CLOSED AROUND "C" DIAMETER PIN, TIPS SHALL ENTER A RING GAGE OF "D" DIAMETER.

- MATERIAL AND FINISHES:

STAINLESS STEEL IN ACCORDANCE WITH AS81969.

BOTH EXTRACTOR TIPS (INSIDE AND OUTSIDE DIAMETER) TO BE COATED TO THE DIMENSION SHOWN WITH STRATIFIED POLYTETRAFLUOROETHYLENE .00075/.00055 INCH (0.0190/0.0134 MILLIMETERS) THICK OR EQUIVALENT.

- PART NUMBER/MARKING: SEE EXAMPLE BELOW



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:

PLUNGER FORCE - 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 CONTACTS FROM REAR RELEASE CONNECTORS SPECIFIED IN AS50151.
- THIS DOCUMENT SUPERSEDES MS3483 DATED 5 APRIL 1974 AND MIL-I-81969/15A DATED 11 JANUARY 1979.

SPECIFICATION NOTES:

- 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™/15 SHEET 2 OF 2 	
	REMOVAL TOOLS, CONNECTOR, ELECTRICAL CONTACT, TYPE II, CLASS 2, COMPOSITION A		



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