

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

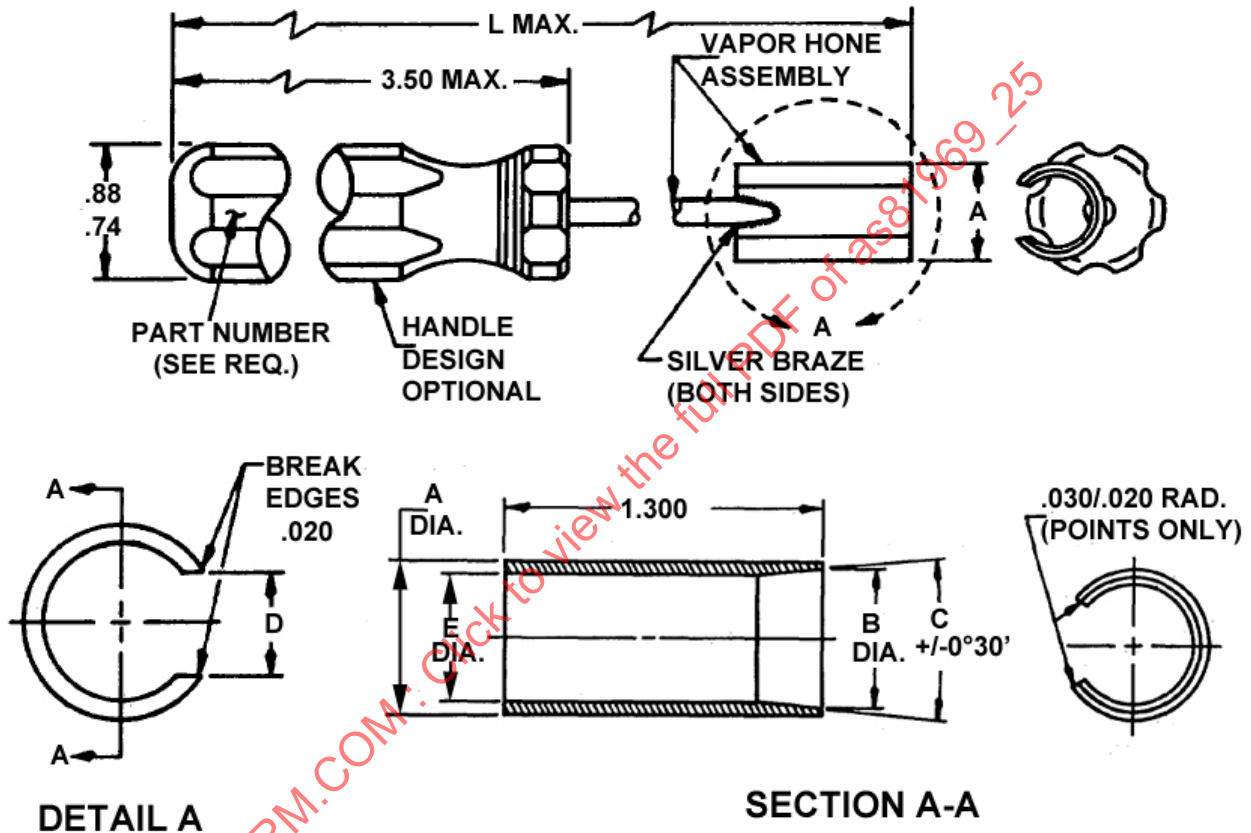
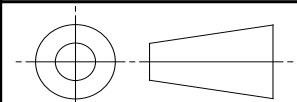


FIGURE 1 - INSTALLING AND REMOVAL TOOL CONFIGURATIONS/DIMENSIONS

For more information on this standard, visit
<https://www.sae.org/standards/content/AS81969/25>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C2

PROCUREMENT SPECIFICATION: AS81969



AEROSPACE STANDARD

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

AS81969™/25
SHEET 1 OF 3

TABLE 1 - METRIC EQUIVALENTS

INCHES	MILLIMETERS	INCHES	MILLIMETERS	INCHES	MILLIMETERS
.020	0.025	.74	0.762	1.300	10.16
.030	0.051	.88	1.27	3.50	10.62

TABLE 2 - FIGURE 1 CONFIGURATION/DIMENSIONS

DASH NUMBER	CONNECTOR TYPE(S)	A DIA.	B DIA.	C ANGLE +/-0° 30'	D	E DIA.	L MAX.
-01	BNC/TNC	.625 (15.88)	.600 (15.24)	10° 0'	.330 (8.38)	.527 (13.39)	12.00 (304.80)
-02	BNC/TNC	.625 (15.88)	.600 (15.24)	10° 0'	.330 (8.38)	.527 (13.39)	6.00 (152.40)
-03	N	.875 (22.23)	.850 (21.59)	8° 0'	.500 (12.70)	.777 (19.74)	12.00 (304.80)
-04	N	.875 (22.23)	.850 (21.59)	8° 0'	.500 (12.70)	.777 (19.74)	6.00 (152.40)
-05	TPS	.531 (13.49)	.470 (11.94)	8° 0'	.312 (7.92)	.442 (11.23)	12.00 (304.80)
-06	TPS	.531 (13.49)	.470 (11.94)	8° 0'	.312 (7.92)	.442 (11.23)	6.00 (152.40)

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 1. DIMENSIONS ARE IN INCHES AND APPLY AFTER PLATING WHERE PLATING IS APPLICABLE. 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 $\pm .003$ INCH (0.08 MILLIMETERS). STAMP AND WHITE FILL, LETTERING HEIGHT .08 (2.0 MILLIMETERS). REMOVE ALL BURRS AND SHARP EDGES.

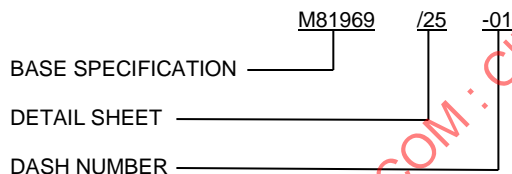
- MATERIAL AND FINISHES:

HANDLE - PLASTIC PER L-P-410 OR APPROVED EQUIVALENT.

SHAFT - TYPE 304, CRES, PER MIL-T-8504, DASH NUMBERS -01 AND -02 ARE TO BE 18 GAGE, .049 (1.24 MILLIMETERS) WALL THICKNESS, DASH NUMBERS -03 THROUGH -06 ARE TO BE 16 GAGE, .065 (1.65 MILLIMETERS) WALL THICKNESS.

COLLET - TYPE 304 CRES, PER MIL-T-8504, DASH NUMBERS -01 AND -02 ARE TO BE 18 GAGE, .049 (1.24 MILLIMETERS) WALL THICKNESS, DASH NUMBERS -03 THROUGH -06 ARE TO BE 16 GAGE, .065 (1.65 MILLIMETERS) WALL THICKNESS.

- 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.