

RATIONALE

THIS DETAIL SPECIFICATION SHEET IS REQUIRED TO ALLOW THE CANCELLATION AND SUPERSESSION OF MIL-I-81969/29 WITH THIS DOCUMENT, TO IMPROVE DRAWING LEGIBILITY, TO UPDATE QUALIFICATION INFORMATION, TO REMOVE GOVERNMENT JARGON, AND TO UPDATE REFERENCES.

NOTICE

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

AS81969/29

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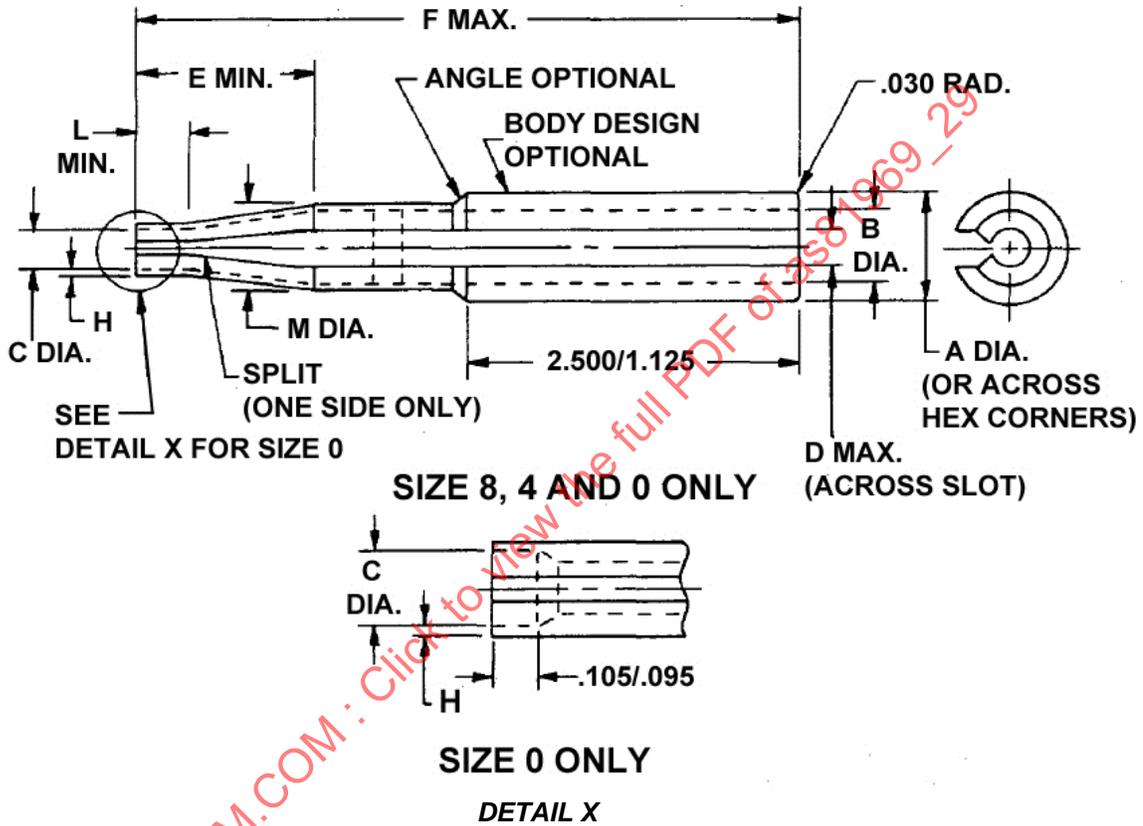
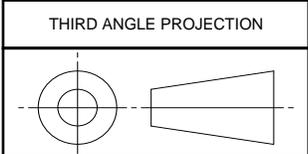


FIGURE 1 - REMOVAL TOOL CONFIGURATIONS/DIMENSIONS (DASH -02, -03, AND -04)

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CUSTODIAN: AE-8/AE-8C2

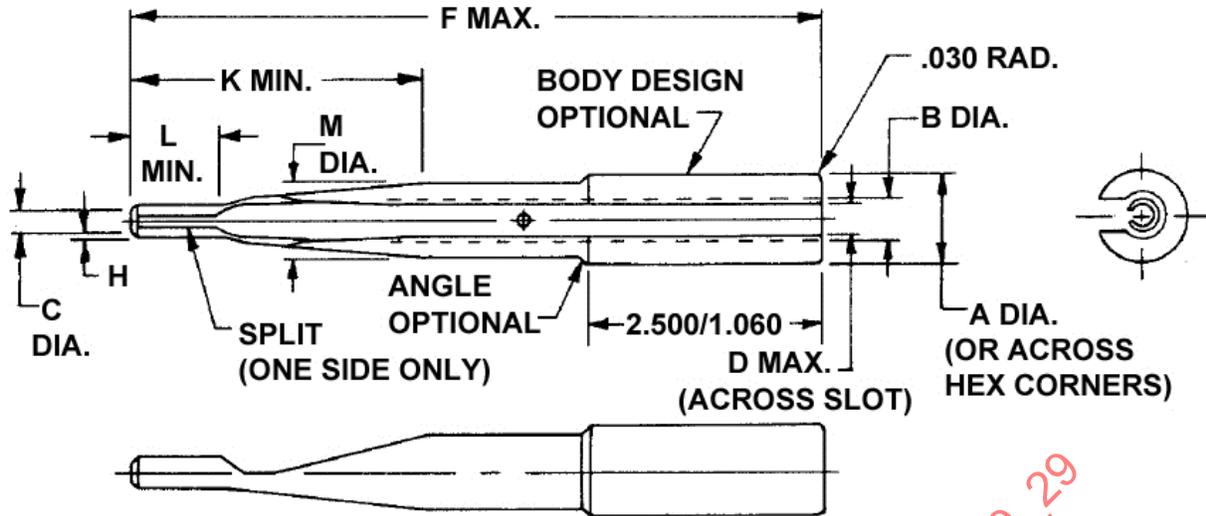
PROCUREMENT SPECIFICATION: AS81969



**AEROSPACE STANDARD**

REMOVAL TOOLS, CONNECTOR, ELECTRICAL CONTACT, TYPE II, CLASS 1, COMPOSITION B

**AS81969/29**  
SHEET 1 OF 3



## SIZE 16 ONLY

FIGURE 2 - REMOVAL TOOL CONFIGURATIONS/DIMENSIONS (DASH -01)

TABLE 1 - FIGURE 1 AND 2 CONFIGURATIONS/DIMENSIONS/SUPERSEDING PART NUMBERS

DASH NUMBER	WIRE BARREL SIZE	COLOR CODE	A MAX.	B DIA.	C DIA.	D MAX.	F MAX.	H	K MIN.	L MIN.	M DIA.	SUPERSEDED PART NUMBER
-01	16	BLUE	.425 (10.80)	.195 (4.95)	.105 (2.67)	.160 (4.06)	5.000 (127.00)	.0175 (0.44)	1.100 (27.94)	.390 (9.91)	.340 (8.64)	MS3165-16
			.185 (4.70)	.100 (2.54)	.0135 (0.34)	.575 (14.61)						
-02	8	RED	.641 (16.28)	.420 (10.67)	.274 (6.96)	.315 (8.00)	5.000 (127.00)	.021 (0.53)	1.690 (42.93)	.585 (14.86)	.540 (13.72)	MS3165-8 M83723/32-08
			.410 (10.41)	.385 (9.78)	.016 (0.41)	.745 (18.92)						
-03	4	BLUE	.875 (22.23)	.620 (15.75)	.385 (9.78)	.410 (10.41)	5.000 (127.00)	.020 (0.51)	1.690 (42.93)	.585 (14.86)	.735 (18.67)	MS3165-4 M83723/32-04
			.610 (15.49)	.383 (9.73)	.018 (0.46)	1.095 (27.81)						
-04	0	YELLOW	1.219 (30.96)	.950 (24.13)	.581 (14.76)	.615 (15.62)	5.000 (127.00)	.027 (0.69)	2.090 (53.09)	.785 (19.94)	1.085 (27.56)	MS3165-0 M83723/32-00
			.945 (24.00)	.579 (14.71)	.020 (0.51)							

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

1. DESIGN: THE TOOL SHALL BE DESIGNED IN ACCORDANCE WITH FIGURES 1 AND 2 AND TABLE 1. 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  $\pm 0.005$  INCH (0.13 MILLIMETERS). THE SLOT DESIGN SHALL ALLOW ALL APPLICABLE WIRE SIZES TO SNAP IN TOOL FREELY.

2. MATERIAL AND FINISHES:

MATERIAL - MOLDED ACETAL, POLYAMIDE, OR APPROVED EQUIVALENT

PLATING - NOT APPLICABLE

	<b>AEROSPACE STANDARD</b>	<b>AS81969/29</b> SHEET 2 OF 3	
	REMOVAL TOOLS, CONNECTOR, ELECTRICAL CONTACT, TYPE II, CLASS 1, COMPOSITION B		