

SAE Executive Standards Committee Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

SAE reviews each technical report at least every five years at which time it may be revised, reaffirmed, stabilized, or cancelled. SAE invites your written comments and suggestions.

REV.
A

AS81969™/17

FEDERAL SUPPLY CLASS
5120

RATIONALE

REVISION REQUIRED TO UPDATE THE APPLICATION OF THE TOOL TO INCLUDE THE AS81659 SERIES I CONNECTORS.

AS81969/17A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

NOTICE

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

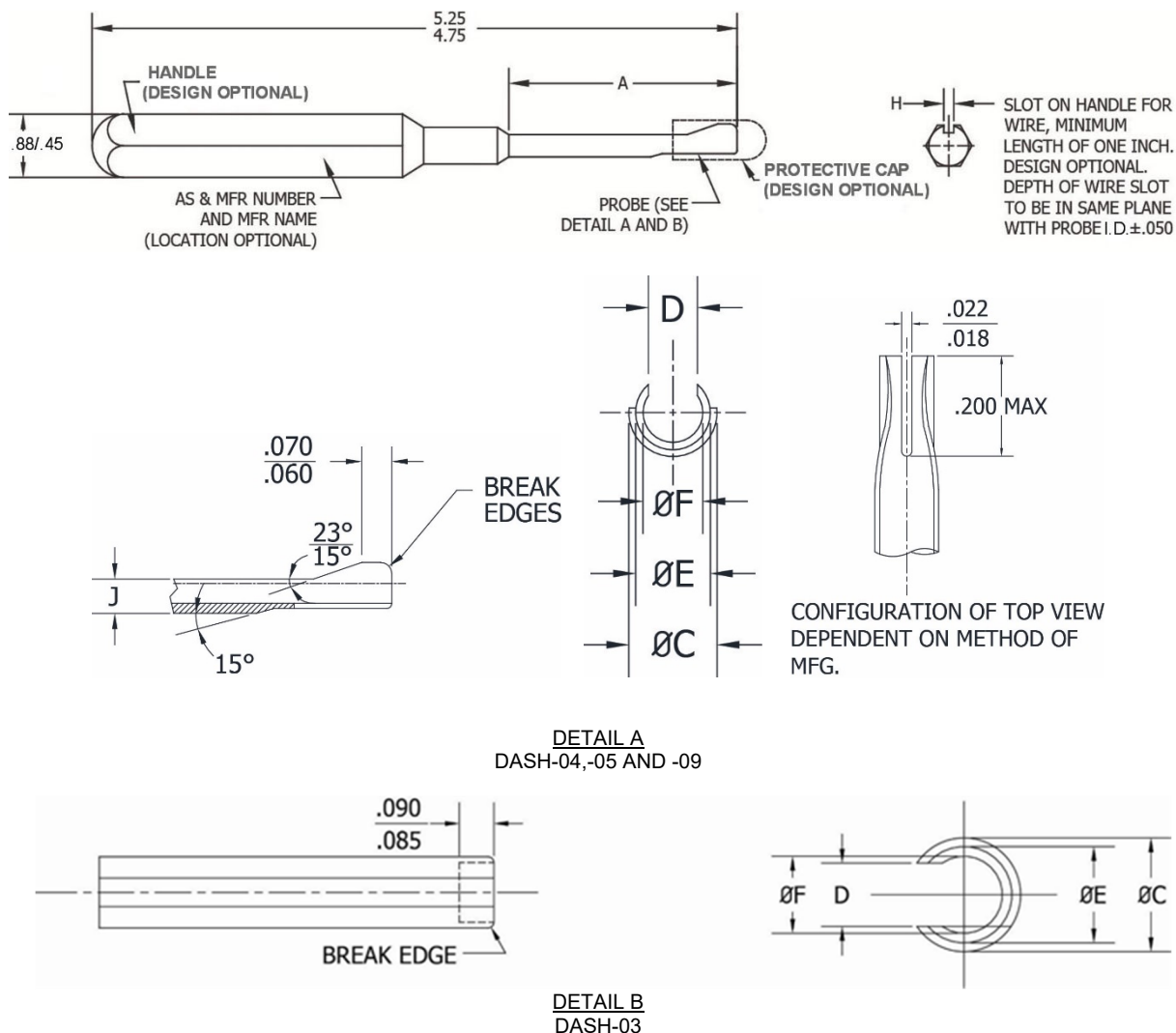
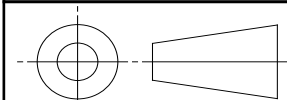


FIGURE 1 - INSTALLING TOOL -03,-04,-05,-09

For more information on this standard, visit

<https://www.sae.org/standards/content/AS81969/17A/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8C2

PROCUREMENT SPECIFICATION: AS81969



AEROSPACE STANDARD

INSTALLING AND REMOVAL TOOLS, CONNECTOR
ELECTRICAL CONTACT, TYPE I, CLASS 1,
COMPOSITION C

AS81969™/17
SHEET 1 OF 4

REV.
A

Copyright © 2025 SAE International

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, or used for text and data mining, AI training, or similar technologies, without the prior written permission of SAE.

TO PLACE A DOCUMENT ORDER: Tel: 877-606-7323 (inside USA and Canada)

Fax: 724-776-0790

Tel: +1 724-776-4970 (outside USA)

Email: CustomerService@sae.org

SAE WEB ADDRESS: <http://www.sae.org>

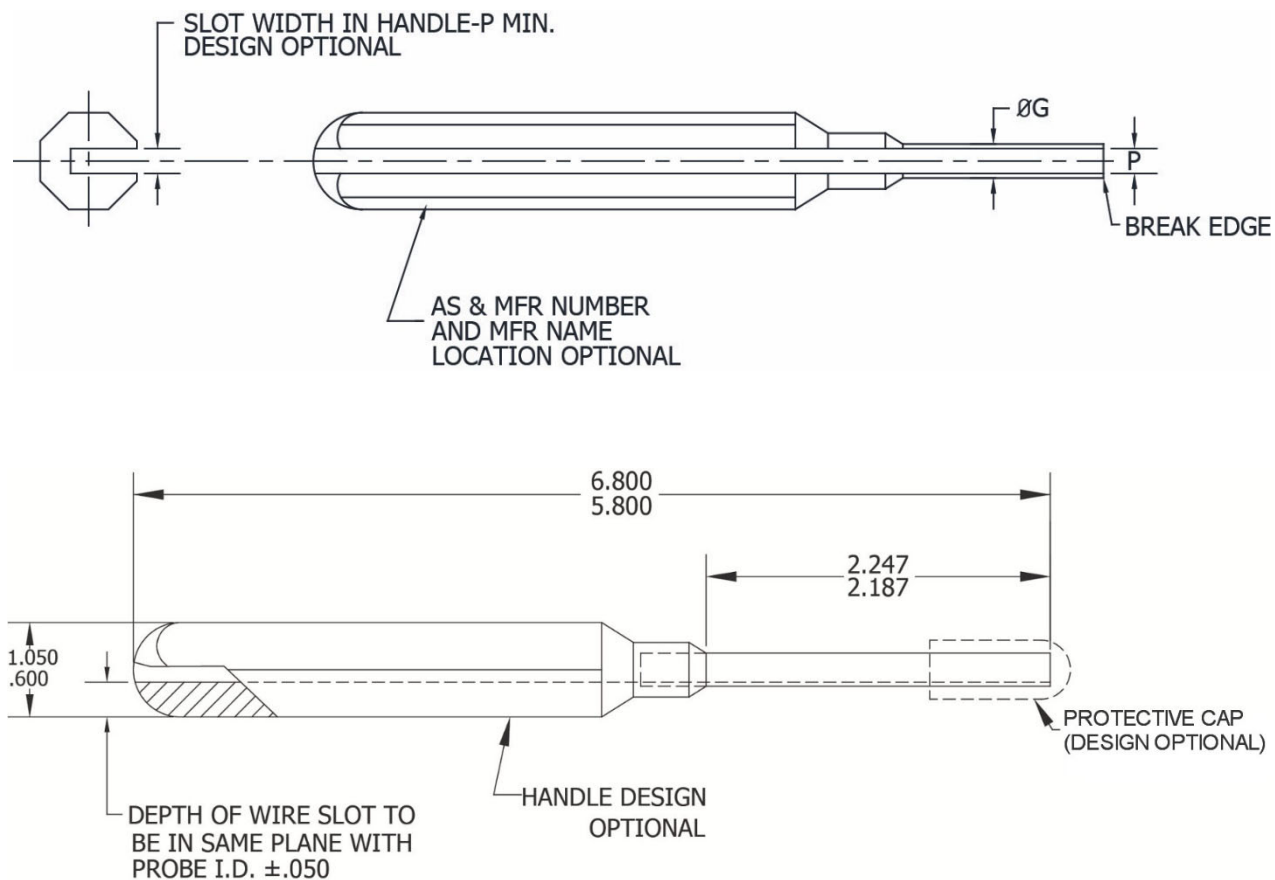


FIGURE 2 - REMOVAL TOOL -06, -07, -08

TABLE 1 - TOOL CONFIGURATION (SEE FIGURES 1 AND 2)

DASH NUMBER	CONTACT SIZE	COLOR CODE	A MIN	C DIA	D	E DIA	F DIA	G DIA	J	H MIN	P DIA
-03	20	RED	.930	.134 .130	.093 .085	.109 .107	.093 .085	--	--	.093	--
-04	16	BLUE	2.127	.169 .159	.090 .080	.133 .128	.101 .098	--	.090 .080	.130	--
-05	12	YELLOW	2.127	.209 .189	.121 .118	.179 .177	.147 .144	--	.110 .100	.173	--
-06	8	RED	--	--	--	--	--	.308 .305	--	--	.263 .255
-07	4	BLUE	--	--	--	--	--	.414 .411	--	--	.378 .370
-08	0	YELLOW	--	--	--	--	--	.606 .603	--	--	.558 .550
-09	20	RED	1.00	.134 .124	.070 .060	.106 .104	.085 .083	--	.063 .053	.093	--



AEROSPACE STANDARD

INSTALLING AND REMOVAL TOOLS, CONNECTOR
ELECTRICAL CONTACT, TYPE I, CLASS 1,
COMPOSITION C

AS81969™/17
SHEET 2 OF 4

REV.



Documents

Document Sharing Hub