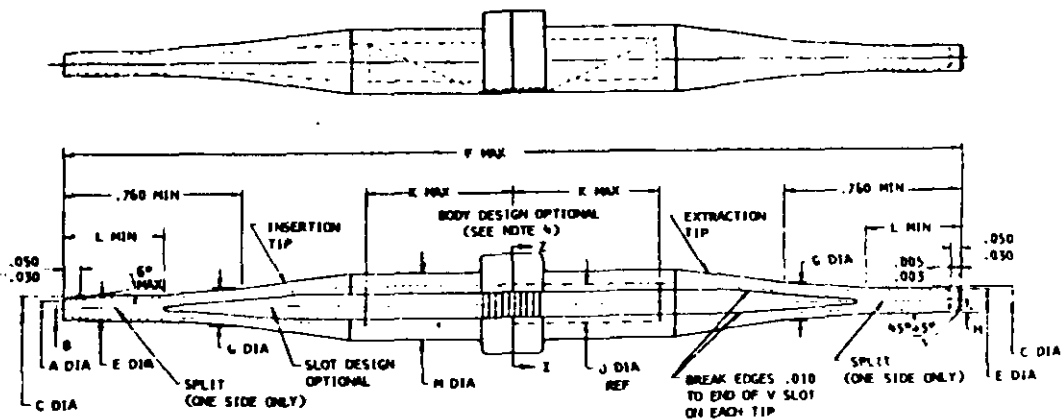
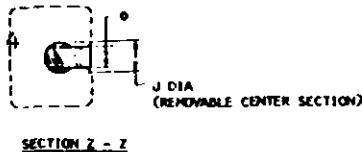


FED. SUP CLASS  
5935Review activities:  
NAVY - EC

(B) CANCELED AFTER  
20 JUNE 1979

USE MIL-I-81969/14



SIZE	COLOR CODE	
	INSERTION	EXTRACTION
20	RED	WHITE
16	BLUE	WHITE
12	YELLOW	WHITE

DASH NO.	ONT SIZE	A DIA	B	C DIA	D	E DIA	F	G DIA	H	J DIA	K	L	M
-20	20	.077/.074	.0100/.0080	.105/.102	.110/.090	.079 MIN	3.5	.150 MAX	.0140/.0120	.150/.153	.572	.31	.290/.245
-16	16	.102/.099	.0105/.0085	.135/.132	.125/.105	.112 MIN	4.0	.180 MAX	.0165/.0145	.192/.187	.635	.37	.340/.280
-12	12	.158/.155	.0120/.0100	.193/.187	.175/.155	.160 MIN	4.5	.240 MAX	.0180/.0160	.248/.242	.760	.57	.400/.335

- NOTES:
1. MATERIAL: INSERTION AND EXTRACTION TIP MOLDED ACETAL OR POLYAMIDE PLASTIC OR EQUIVALENT.
  2. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, DECIMALS ± .005, ANGLES ± 2°.
  3. SLOT DESIGN SHALL ALLOW ALL APPLICABLE WIRE SIZES TO SNAP INTO TOOL FREELY.
  4. PLASTIC TIPS MUST BE CAPABLE OF BEING SEPARATED FROM CENTER SECTION.
  5. THE INSERTION AND EXTRACTION TIPS SHALL BE COLOR CODED AS INDICATED IN THE COLOR CODE BLOCK.
  6. THE INSERTION AND EXTRACTION TIPS SHALL BE IDENTIFIED BY HAVING THE WORD "INSERT" OR "EXTRACT," AS APPLICABLE, AND THE PROPER DASH NUMBER CLEARLY IMPRINTED ON THE OUTER SURFACE OF THE TIP.
  7. PLASTIC TIPS MUST BE SMOOTH AND FREE FROM BURRS AND SHARP EDGES.
  8. PART NUMBER SHALL BE PERMANENTLY MARKED ALONG MAJOR DIAMETER OF THE TOOL.
  9. FOR USE WITH MIL-C-5015, MIL-C-26482 AND MIL-C-81703 CONNECTORS.

EXAMPLE OF PART NUMBER: MS3447-20 (CONTACT TOOL IS USED FOR INSERTING AND EXTRACTING SIZE 20 CONTACTS.)

FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BIDS.

This military standard is approved by the Department of the Navy and shall be used by that activity. All other military activities are required to employ this standard where suitable.

P.A. NAVY-AS Other Cust	International Interest	TITLE TOOL, INSERT-EXTRACT, WIRED CONTACT, ELECTRIC CONNECTOR, SIZE 20, 16, AND 12.	MILITARY STANDARD MS 3447 (NAVY)
Procurement Specification	SUPERSEDES:	SHEET 1 OF 2	

DD FORM 672,  
10 APR 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

5935-N830

U.S. GOVERNMENT PRINTING OFFICE: 1979-603-022/2799

APPROVED 1 Apr 1971 REVISED (A) 5 April 1972 (B) 20 JUNE 1979