

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.
C

AS22520™/1

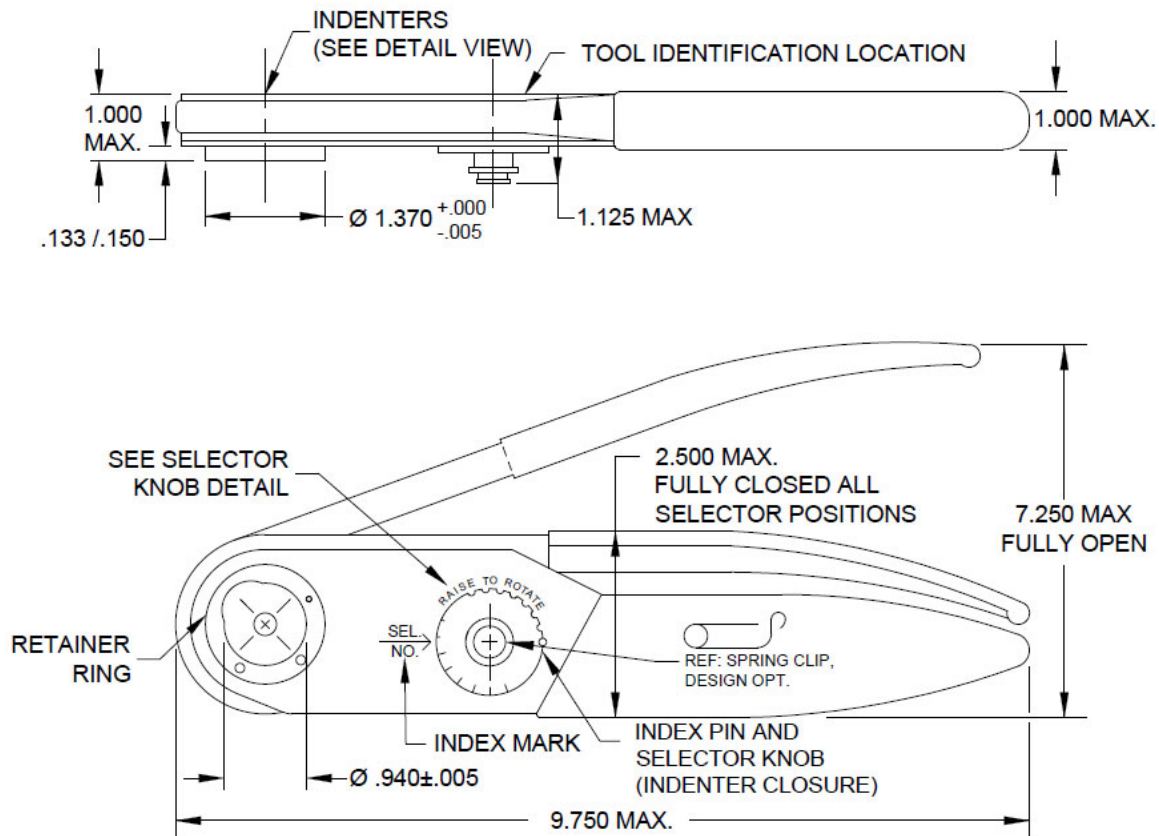
FEDERAL SUPPLY CLASS
5120

RATIONALE

REVISION REQUIRED TO ADD NEW CONTACTS TO VARIOUS DATAPLATES AND PERFORM MINOR TECHNICAL OR EDITORIAL CHANGES AS NEEDED.

NOTICE

THE COMPLETE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS22520.



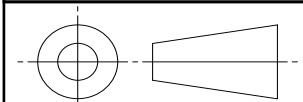
TOOL BODY DETAILS

FIGURE 1 - M22520/1-01 TOOL

For more information on this standard, visit

<https://www.sae.org/standards/content/AS22520/1C/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8C2

PROCUREMENT SPECIFICATION: AS22520



AEROSPACE STANDARD

(R) CRIMPING TOOLS, TYPE I, TERMINAL, HAND,
WIRE TERMINATION FOR WIRE BARREL SIZES 12
THROUGH 22 AND COAXIAL INNER CONTACTS

AS22520™/1
SHEET 1 OF 43

REV.
C

Copyright © 2024 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.

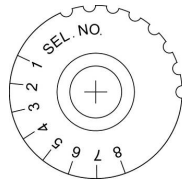
TO PLACE A DOCUMENT ORDER: Tel: 877-606-7323 (inside USA and Canada)

Fax: 724-776-0790

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

Email: CustomerService@sae.org

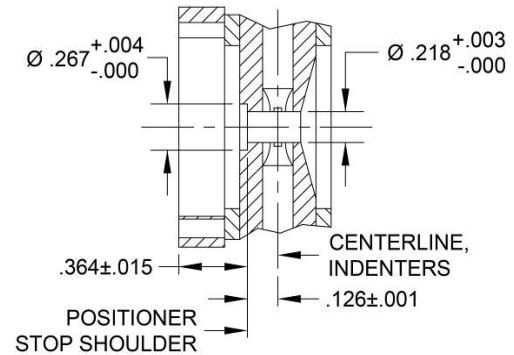
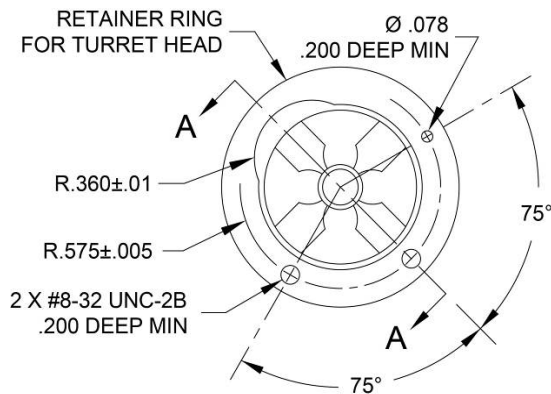
SAE WEB ADDRESS: <http://www.sae.org>



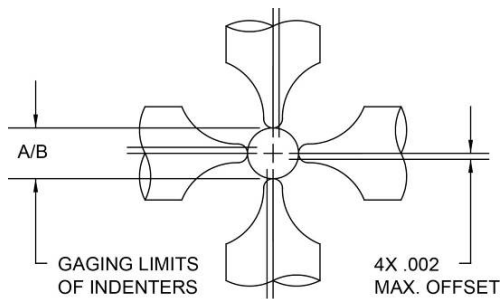
SELECTOR KNOB
(INDENTER CLOSURE)

NOTE: THE LOCATION/CONFIGURATION IS OPTIONAL FOR THE INDEX MARK AND LATCHING MECHANISM, PROVIDING THAT IT CLEARLY DESIGNATES THE SELECTOR NUMBER POSITION, AND PROVIDES A STABLE LATCH SO THE SETTING WILL NOT CHANGE FROM NORMAL HANDLING.

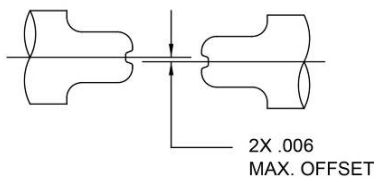
SELECTOR KNOB DETAILS (CONFIGURATION OPTIONAL)



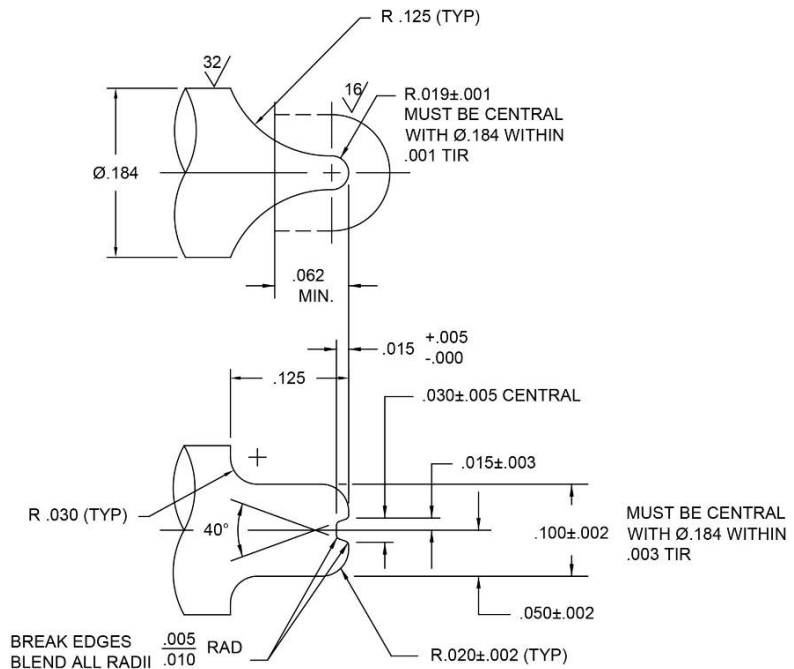
SECTION A-A



INDENTER LOCATIONS WITH TOOL
IN FULLY CLOSED POSITION



OPPOSITE AND ADJACENT
INDENTER CENTERLINES



INDENTER

FIGURE 1 - M22520/1-01 TOOL (CONTINUED)

	AEROSPACE STANDARD	AS22520™/1 SHEET 2 OF 4	REV.
(R) CRIMPING TOOLS, TYPE I, TERMINAL, HAND, WIRE TERMINATION FOR WIRE BARREL SIZES 12 THROUGH 22 AND COAXIAL INNER CONTACTS			

BASIC TOOL MARKINGS

CRIMP TOOL PART NO. 1/	BODY SURFACE COLOR	HANDLE GRIP COLOR	FOR INSPECTION GAGING USE (SEE APPLICATION NOTE 2)
M22520/1-01	BLUE	BLUE	M22520/3-1

1/ BASIC TOOL WITHOUT TURRET HEAD OR POSITIONER.

FIGURE 1 - M22520/1-01 TOOL (CONTINUED)

TABLE 1 - INDENTER INSPECTION GAGE LIMITS

SELECTOR NUMBER	GAGING LIMITS OF INDENTERS		
	INSPECTION GAGE (INCHES)		
	Ø GO	A ±.0001	Ø NO-GO B ±.0001
1		.0280	.0330
2		.0320	.0370
3		.0360	.0410
4		.0390	.0440
5		.0450	.0500
6		.0520	.0570
7		.0590	.0640
8		.0680	.0730

REQUIREMENTS: ALL REQUIREMENTS SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS22520.

- DIMENSIONS:** ALL DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE SPECIFIED. TOLERANCES: DECIMALS ±.010, ANGLES ±1/2°. OUTLINE CONFIGURATION OPTIONAL WITHIN MAXIMUM DIMENSIONS SHOWN.
- MARKING:** IDENTIFICATION IN ACCORDANCE WITH MIL-STD-130, STAMP AND WHITE FILL OR LASER MARKED. UNLESS OTHERWISE SPECIFIED, LETTERING HEIGHT IS .093 MIN. PART NUMBER AND COLOR SHALL BE AS SPECIFIED. TOOL IDENTIFICATION SHALL INCLUDE THE M22520/1-01 PART NUMBER, MANUFACTURER'S IDENTIFICATION OR SYMBOL, AND AS22520/3-1 INSPECTION GAGE NUMBER. SYMBOLS SHALL BE IN ACCORDANCE WITH AIR1351.
- MATERIALS:** MATERIAL IS IN ACCORDANCE WITH AS22520. SURFACE TEXTURE SHALL BE 63 RMS OVERALL IN ACCORDANCE WITH ASME B46.1-2009 (AMERICAN NATIONAL STANDARDS INSTITUTE). INDENTER MATERIAL SHALL BE TOOL STEEL, HARDENED TO ROCKWELL "C" 58-60.
- WEIGHT:** WEIGHT OF TOOL FRAME WITHOUT TURRET OR POSITIONER SHALL NOT EXCEED 1.5 POUNDS. WEIGHT OF THE TURRET HEAD ASSEMBLY OR POSITIONER SHALL NOT EXCEED .50 POUND.
- TOOL COMPRESSION FORCE:** THE COMPRESSION FORCE REQUIRED TO MAKE SATISFACTORY CRIMPS SHALL NOT EXCEED 120 POUNDS WHICH IS APPLICABLE FOR THE M39029/58-365 CONTACT CRIMPED ON A SIZE 12 WIRE (OR EQUIVALENT). TESTING SHALL BE IN ACCORDANCE WITH AS22520, COMPRESSION FORCE.
- TOOL FRAME INDENTER GAGING LIMITS:** INDENTER GAGING LIMITS ARE DEFINED IN TABLE 1. TOOL SHALL BE REJECTED IF GO OR NO-GO GAGING DOES NOT COMPLY (SEE APPLICATION NOTE 2).
- TURRET INDEXING:** THE TURRET SHALL BE DESIGNED SO THAT POSITIONERS ARE CORRECTLY INDEXED AND ALIGNED BEFORE TURRET CAN BE LATCHED. WHERE WINDOW TYPE POSITIONERS ARE REQUIRED, THE FOUR WINDOWS WILL POSITIVELY ALIGN TO ALLOW CLEARANCE FOR EACH INDENTER TO ENTER A WINDOW IN THE POSITIONER WHEN THE TURRET IS MOUNTED TO THE TOOL AND LATCHED. ALL POSITIONERS ARE TO BE SPRING LOADED AND SHALL ALIGN AND STOP AT THE POSITIONER TOP SHOULDER (SEE FIGURE 1) WHEN THE TURRET OR POSITION HEAD IS MOUNTED AND LATCHED TO THE TOOL FRAME.
- TURRET LATCHING FORCE:** THE FORCE REQUIRED TO PUSH THE TURRET TO THE LATCHED POSITION SHALL NOT EXCEED 22 POUNDS.
- TURRET SCREWS:** TURRET ATTACHMENT SCREWS SHALL BE RETAINED IN TURRET WHEN REMOVED FROM TOOL FRAME.
- RATCHET MECHANISM:** THE TOOL SHALL BE MADE WITH A TAMPER-PROOF RATCHET WHICH LIMITS THE MOVEMENT OF THE TOOL HANDLE IN BOTH DIRECTIONS AND ASSURES A COMPLETE CLOSURE OF THE TOOL HANDLE PRIOR TO RELEASE.

	AEROSPACE STANDARD		AS22520™/1 SHEET 3 of 43	REV. 6
	(R) CRIMPING TOOLS, TYPE I, TERMINAL, HAND, WIRE TERMINATION FOR WIRE BARREL SIZES 12 THROUGH 22 AND COAXIAL INNER CONTACTS			



Documents

Document Sharing Hub

11. TURRET HEAD, ORDER OF POSITIONERS: POSITIONER CONFIGURATION AND COLOR CODE SHALL BE AS SPECIFIED, BUT POSITIONER DESIGNATION ORDER (A, B, C, ETC.) IS OPTIONAL.
12. ALL TURRET HEADS OR POSITIONERS SHALL BE CONFIGURED TO MOUNT ONTO THE RETAINING RING (SEE FIGURE 1) WITH SCREWS (SEE REQUIREMENT 9) AND ALLOW POSITIONERS TO INTERFACE WITH TOOL AS DEFINED IN REQUIREMENT 7.

APPLICATION NOTES:

1. POSITIONER OR TURRET HEAD SHOULD BE ATTACHED AND IN CORRECT POSITION FOR ALL CRIMPING OPERATIONS. CRIMPING OPERATIONS WITHOUT A POSITIONER OR TURRET HEAD IS PROHIBITED.
2. INSPECTION GAGE LIMITS ARE SHOWN IN TABLE 3. USE INSPECTION GAGE AS22520/3-1 AT SELECTOR NUMBER 4 FOR ROUTINE USAGE. FOR HIGH VOLUME USAGE (PRODUCTION APPLICATION, ETC.) INSPECTION OF THE TOOL AT OTHER SELECTOR POSITIONS MAY BE NEEDED IN ACCORDANCE WITH TABLE 2.
3. THE SELECTOR NUMBER IS DETERMINED BY WIRE SIZE AND IS PROVIDED ON THE DATAPLATE FOR EACH POSITIONER REFERENCED IN TABLE 1 (I.E., TABLE 5 FOR M22520/1-02).
4. AS22520/1 CONFIGURATION IS INTENDED FOR HAND CRIMPING APPLICATIONS ONLY. REFER TO M22520/29-01 FOR BENCH TOP MOUNTING AND PRODUCTION APPLICATIONS.

NOTICE

USE OF HAND CRIMPING TOOLS COVERED BY THIS SPECIFICATION AS A COMPONENT IN ANY POWERED "PRESS" MAY VIOLATE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS CFR 1910.211.

1. FOR APPLICABLE TURRETS AND POSITIONERS, SEE TABLE 2 AND THE FOLLOWING PAGES OF THIS SPECIFICATION.

TABLE 2 - TOOL/CONTACT CRIMP APPLICATIONS SHEET LOCATIONS

CRIMP TOOL FRAME M22520/1-01 (SHEET 1 & 2)		
CONTACT DETAIL SPECIFICATION NUMBER	REQUIRED TURRET OR POSITIONER M22520/1-	POSITIONER DESCRIPTION LOCATION (SHEET NUMBER)
AS39029/1-/5, /9-/12, /29-/32, /44, /45, /92, /123, /124	02	6
AS39029/34-/37	03	8
OS12814 BASIC TYPE P & M	03	8
M21097/9	03	8
AS39029/56-/58, /106, /107, /117, /118, /121, /122	04	11
MIS. CONTACTS (VARIABLE POSITIONER)	05	14
OS12814 TYPE M	06	16
MS18232 & MS18233	07	18
AS39029/33, /46, /47	08	20
AS39029/16, /18	09	23
AS39029/17	10	25
AS39029/11, /12, /93, /94	11	27
M39012/16-/20, /26-/30 (INNER)	12	29
M39012/01, /02, /05, /39 (INNER)	13	31
M39012/03, /35, /36, /38, /40 (INNER)	14	33
M39012/55, /57-/59 (INNER)	15	35
AS39029/57	16	37
AS39029/69, /70	17	39
AS39029/22, /101	18	41

SUPERSESION INFORMATION:

1. AS22520/1 SUPERSEDES MIL-DTL-22520/1C AND MIL-DTL-22520/1C AMENDMENT 2. PART NUMBERS REMAIN UNCHANGED.

SPECIFICATION NOTES:

1. REVISION INDICATOR: 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	AS22520™/1 SHEET 4 OF 43	REV. 6
	(R) CRIMPING TOOLS, TYPE I, TERMINAL, HAND, WIRE TERMINATION FOR WIRE BARREL SIZES 12 THROUGH 22 AND COAXIAL INNER CONTACTS		

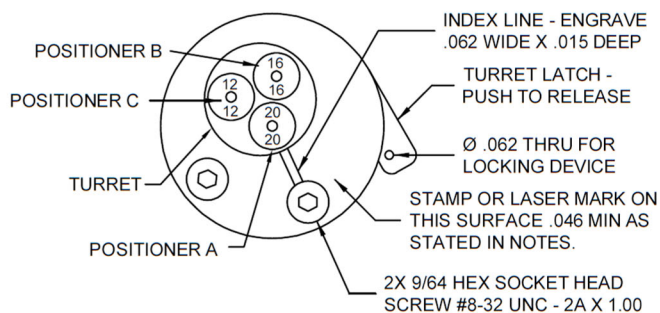


Documents

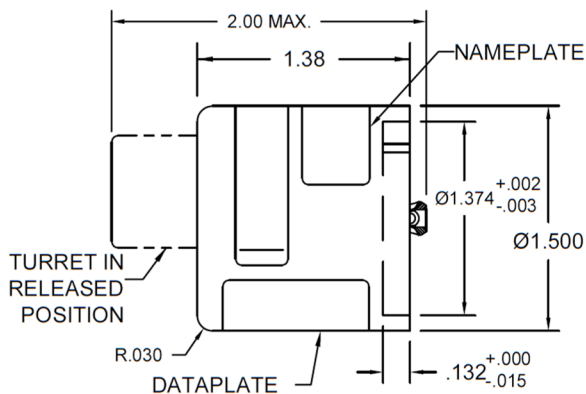
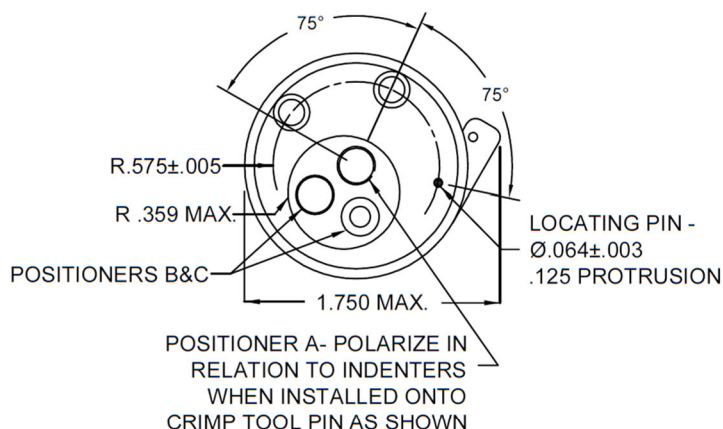
Document Sharing Hub

M22520/1-02 TURRET HEAD

MARK POSITIONERS AS SHOWN



NOTE: STAMP OR LASER MARK TOP SURFACE
"M22520/1-02"

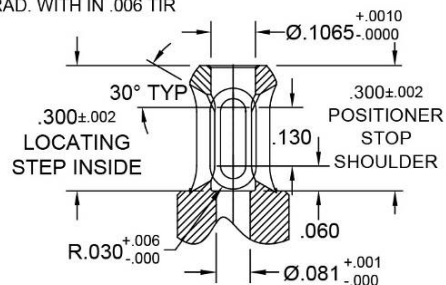
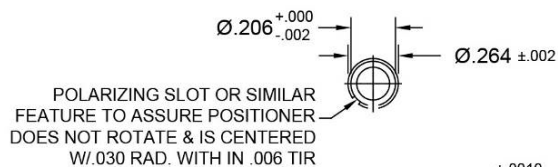


M22520/1-02 TURRET HEAD ASSEMBLY MARKINGS

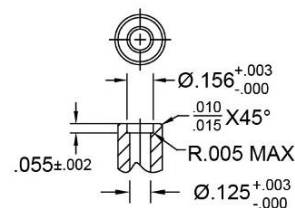
ASSEMBLY	POSITIONER			BODY	NAMEPLATE
	A	B	C		
COLOR	RED	BLUE	YELLOW	BLUE	
MARKINGS 1/	20/20	16/16	12/12	SEE FIGURE	BLACK LETTERS ON CONTRASTING BACKGROUND

1/ CONTACT SIZE NUMBERS AS SHOWN ENGRAVED ON EACH POSITIONER TOP SURFACE.

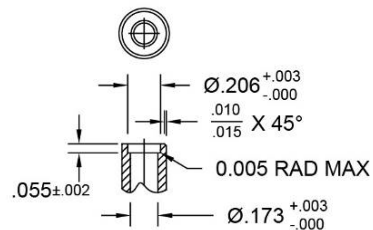
FIGURE 2 - M22520/1-02 TURRET HEAD FOR M39029/1-5, /9-/12, /29-/32, /44-/45, /92



POSITIONER
(WINDOW TYPE)
A (RED)



POSITIONER
B (BLUE)



POSITIONER
C (YELLOW)

	AEROSPACE STANDARD		AS22520™/1 SHEET 5 OF 43	REV. 6
	(R) CRIMPING TOOLS, TYPE I, TERMINAL, HAND, WIRE TERMINATION FOR WIRE BARREL SIZES 12 THROUGH 22 AND COAXIAL INNER CONTACTS			

**Documents**
Document Sharing H



Document Sharing Hub

M22520/1-02 TURRET HEAD

M22520/1-02 DATAPLATE MARKINGS

CONTACT PART NUMBERS M39029/	COLOR CODE	CONTACT CRIMP BARREL SIZE	26	24	22	20	18	16	14	12	WIRE SIZE
1-101, 2-105, 3-108, 4-110, 5-115, 9-132 THRU -136, 10-138 THRU -142, 31-223 THRU -227, -240, -448 & -627, 32-242 THRU -246, -259 & -260, 92-532	RED	20		2	3	4					SELECTOR NO.
1-102, 2-106, 3-109, 4-111 & -112, 5-116 & -117, 11-146, 12-150, 29-212, 30-217 & -218, 31-228 THRU -233, 32-247 THRU -252, 44-287 & -288, 45-294 & -295, 92-533 & -534, 123-676, 124-681	BLUE	22	1	2	3						
		20		2	3	4					
		16				4	5	6			
1-103, 4-113 & -114, 5-118 & -119, 29-213, 30-219, 31-234 THRU -239, 32-253 THRU -258, 44-289 & -290, 45-296 & -297, 92-535 & -536, 123-677, 124-682	YELLOW	16				4	5	6			
		12							7	8	

NAMEPLATE MARKING (SEE FIGURE AND REQUIREMENT 2)

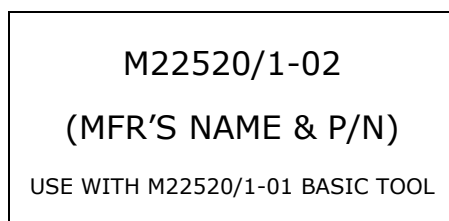


FIGURE 2 - M22520/1-02 TURRET HEAD FOR M39029/1-/5, /9-/12, /29-/32, /44-/45, /92 (CONTINUED)

APPLICATION:

- IN ADDITION TO THE STANDARD CONTACTS SPECIFIED ON THE DATAPLATE, THE POSITIONERS WILL ALSO CRIMP THE OBSOLETE CONTACTS SPECIFIED IN TABLE 3.

TABLE 3 - OBSOLETE CONTACTS FOR M22520/1-02

CONTACT BASIC PART NUMBER	OBSOLETE CONTACT DASH NUMBER ACCOMMODATION FOR EACH POSITION		
	A	B	C
MS3162 & MS3163	-20	-16	-12
MS3192 & MS3163			
MS18134 & MS18136			
MS24254 & MS24255			
MS90453 & MS90454			
MS83723/29 & /30			
MS83723/33 & /34			

SUPERSESSION:

- M22520/1-02 SUPERSEDES THE TOOLS AS INDICATED IN TABLE 4.

TABLE 4 - TOOL/POSITIONER SUPERSESSION INFORMATION

PART NUMBER	SUPERSEDED PART NUMBER
M22520/1-02 1/	MS27828-1

1/ MAY BE USED IN PLACE OF MS3191-3T, 12A, 16A, AND 20A, BUT IS NOT DIRECTLY INTERCHANGEABLE.

	AEROSPACE STANDARD	AS22520™/1 SHEET 6 OF 43	REV. 6
	(R) CRIMPING TOOLS, TYPE I, TERMINAL, HAND, WIRE TERMINATION FOR WIRE BARREL SIZES 12 THROUGH 22 AND COAXIAL INNER CONTACTS		

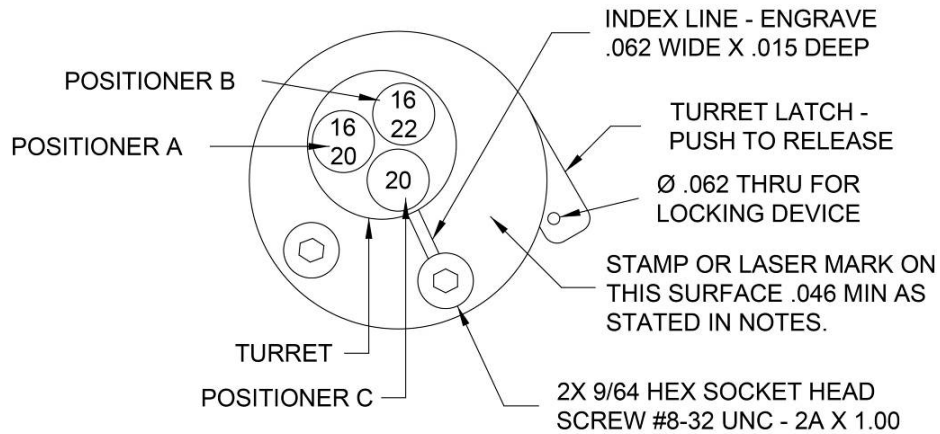


Documents

Document Sharing Hub

M22520/1-03 TURRET HEAD

MARK POSITIONERS AS SHOWN



NOTE: STAMP OR LASER MARK TOP SURFACE "M22520/1-03"

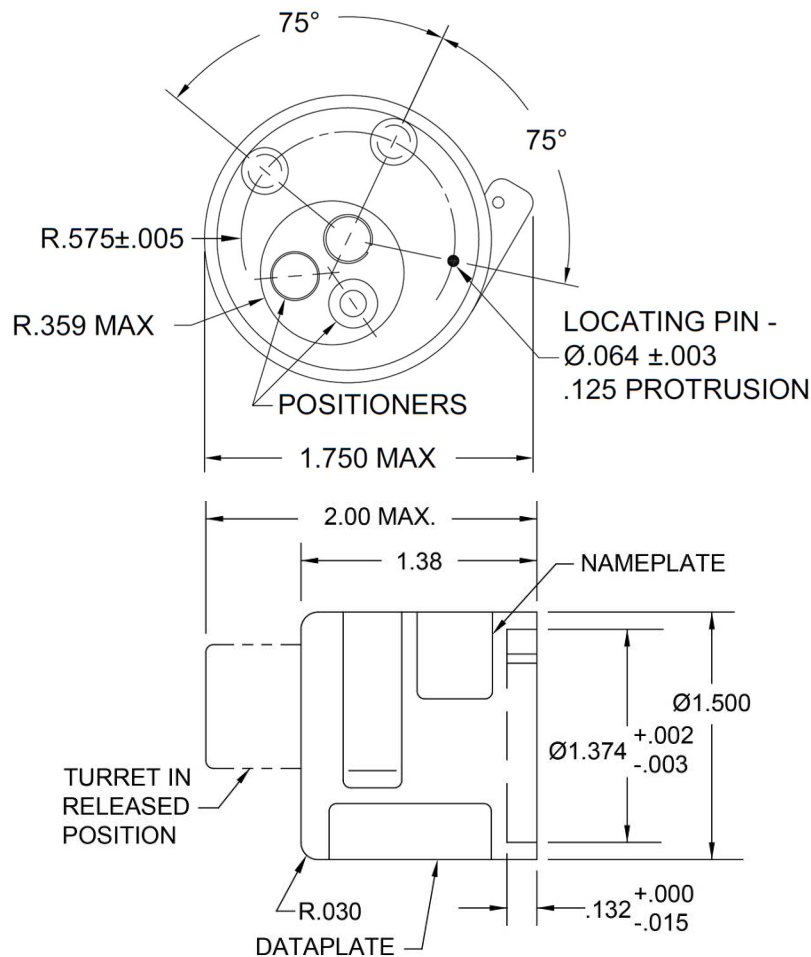
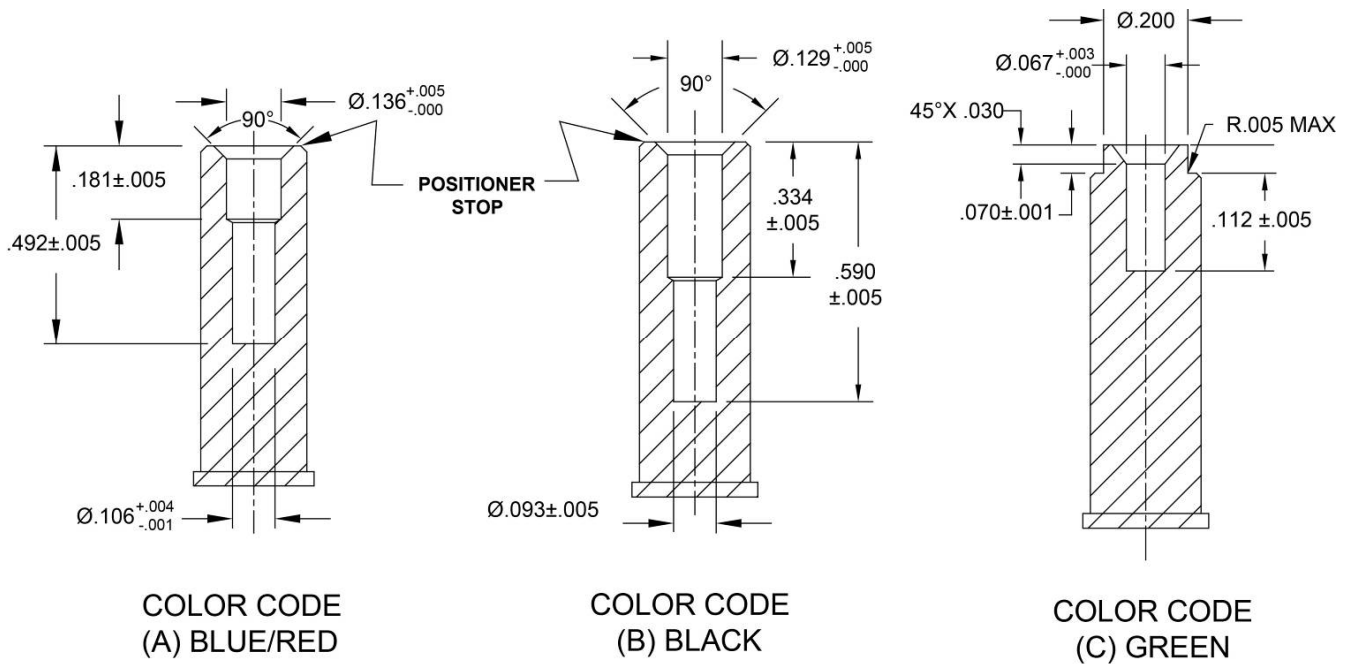


FIGURE 3 - M22520/1-03 TURRET HEAD FOR M39029/34-/37, OS12814 (TYPE P AND M) CONTACTS

	AEROSPACE STANDARD	AS22520™/1 SHEET 7 OF 43	REV.
	(R) CRIMPING TOOLS, TYPE I, TERMINAL, HAND, WIRE TERMINATION FOR WIRE BARREL SIZES 12 THROUGH 22 AND COAXIAL INNER CONTACTS		

M22520/1-03 TURRET HEAD



M22520/1-03 TURRET HEAD ASSEMBLY MARKINGS

ASSEMBLY	POSITIONER			BODY	NAMEPLATE
	A	B	C		
COLOR	BLUE/RED	BLACK	GREEN	BLUE	BLACK LETTERS ON
MARKINGS 1/	16/20	16/22	20	SEE FIGURE	CONTRASTING BACKGROUND

1/ CONTACT SIZE NUMBERS AS SHOWN ENGRAVED ON EACH POSITIONER TOP SURFACE.

M22520/1-03 DATAPLATE MARKINGS

CONTACT PART NUMBER	POSITIONER COLOR	26	24	22	20	18	16	WIRE SIZE
M39029/34-271 THRU -273, 35-274 THRU -276, 36-277 & -278, 37-279 & -280	16 BLUE				6	7	7	SELECTOR NO.
	20 RED		4	5	6			
OS12814 BASIC TYPE P & M	16 BLACK				4	5	6	
	22 BLACK	2	3	4				
M21097/9-01	20 GREEN	1	2	3	4			

NAMEPLATE MARKING (SEE FIGURE AND REQUIREMENT 2)

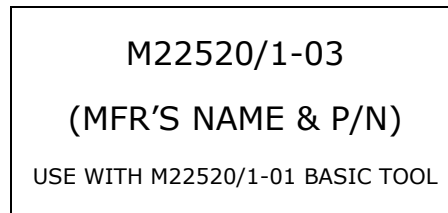


FIGURE 3 - M22520/1-03 TURRET HEAD FOR M39029/34-/37, OS12814 (TYPE P AND M) CONTACTS (CONTINUED)

	AEROSPACE STANDARD	AS22520™/1 SHEET 8 OF 13	REV. C
	(R) CRIMPING TOOLS, TYPE I, TERMINAL, HAND, WIRE TERMINATION FOR WIRE BARREL SIZES 12 THROUGH 22 AND COAXIAL INNER CONTACTS		



Document Sharing Hub

M22520/1-03 TURRET HEAD

APPLICATION:

1. IN ADDITION TO THE STANDARD CONTACTS SPECIFIED ON THE DATAPLATE, THE POSITIONERS WILL ALSO CRIMP THE OBSOLETE CONTACTS SPECIFIED IN TABLE 5.

TABLE 5 - OBSOLETE CONTACTS FOR M22520/1-03

OBSOLETE CONTACT ACCOMMODATION FOR EACH POSITION		
A	B	C
MS17803-16-20	M21097/9-01	NONE
MS17803-16-16		
MS17803-20-20		
MS17804-16-20		
MS17804-16-16		
MS17804-20-20		
MS17807-16-16		
MS17807-16-20		
MS17808-16-16		
MS17808-16-20		

SUPERSESSION:

1. M22520/1-03 SUPERSEDES THE TOOLS AS INDICATED IN TABLE 6.

TABLE 6 - SUPERSESSION INFORMATION

PART NUMBER	SUPERSEDED PART NUMBER
M22520/1-03 1/	MS27828-02

1/ MAY BE USED IN PLACE OF MS3191-8T, BUT IS NOT DIRECTLY INTERCHANGEABLE.

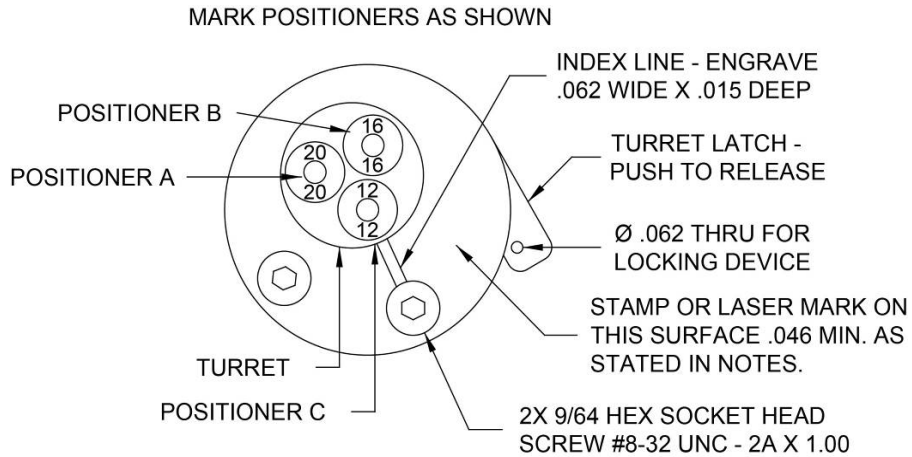
	AEROSPACE STANDARD	AS22520™/1 SHEET 9 OF 13	REV. 6
	(R) CRIMPING TOOLS, TYPE I, TERMINAL, HAND, WIRE TERMINATION FOR WIRE BARREL SIZES 12 THROUGH 22 AND COAXIAL INNER CONTACTS		



Documents

Document Sharing Hub

M22520/1-04 TURRET HEAD



NOTE: STAMP OR LASER MARK TOP SURFACE "M22520/1-04"

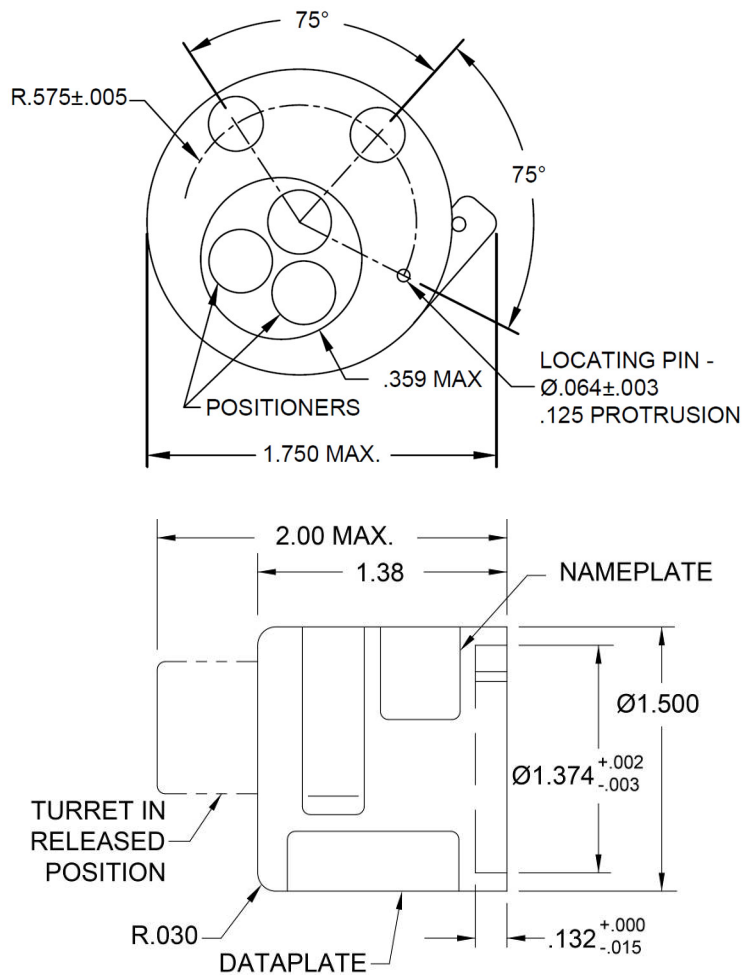
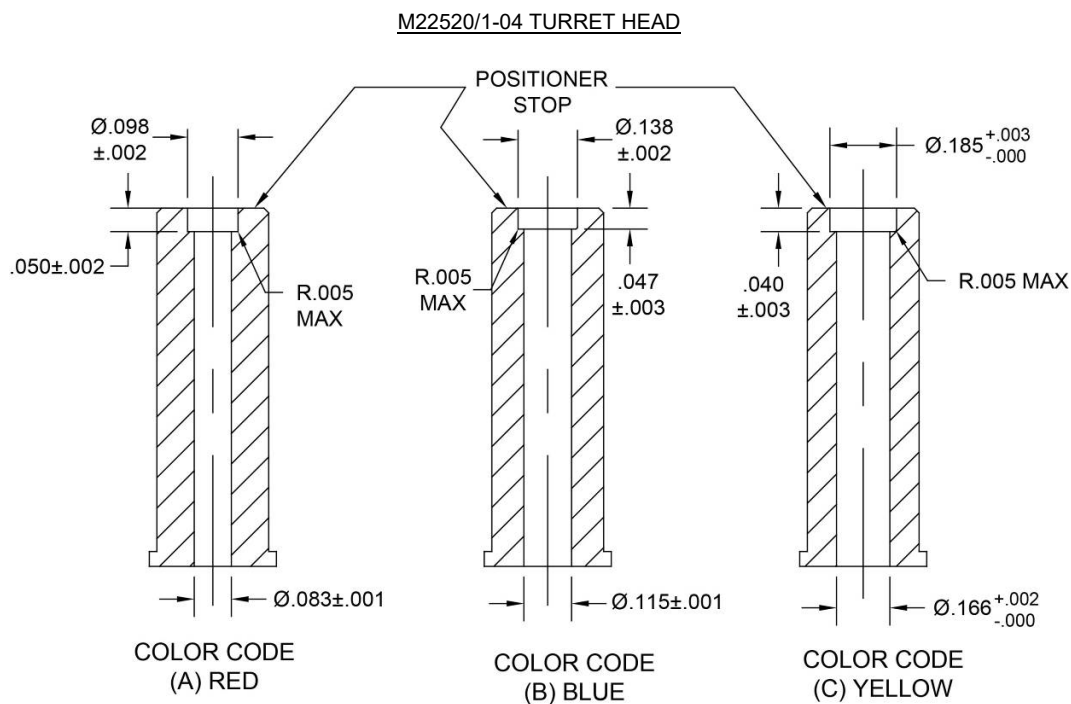


FIGURE 4 - M22520/1-04 TURRET HEAD FOR M39029/56-/58, /117, /118, /121, /123 CONTACTS

	AEROSPACE STANDARD	AS22520™/1 SHEET 1 OF 4	REV. C
	(R) CRIMPING TOOLS, TYPE I, TERMINAL, HAND, WIRE TERMINATION FOR WIRE BARREL SIZES 12 THROUGH 22 AND COAXIAL INNER CONTACTS		



M22520/1-04 TURRET HEAD ASSEMBLY MARKINGS

ASSEMBLY	POSITIONER			BODY	NAMEPLATE
	A	B	C		
COLOR	RED	BLUE	YELLOW	BLUE	BLACK LETTERS ON CONTRASTING BACKGROUND
MARKINGS 1/	20/20	16/16	12/12	SEE FIGURE	

1/ CONTACT SIZE NUMBERS AS SHOWN ENGRAVED ON EACH POSITIONER TOP SURFACE.

M22520/1-04 DATAPLATE MARKINGS

CONTACTS M39029/	POSITIONER COLOR	24	22	20	18	16	14	12	WIRE SIZE
56-351, 57-357, 58-363, 106-615, 107-621, 117-634, 117-640, 118-646, 118-652, 121-665, 122-672	RED	1	2	3					SELECTOR NO.
56-352, 57-358, 58-364, 106-616, 107-622, 117-635, 117-641, 118-647, 118-653, 121-666, 122-673	BLUE			4	5	6			
56-353, 57-359, 58-365, 106-617, 107-623, 117-636, 117-642, 118-648, 118-654, 121-667, 122-674	YELLOW						7	8	

NAMEPLATE MARKING (SEE FIGURE AND REQUIREMENT 2)

M22520/1-04

(MFR'S NAME & P/N)

USE WITH M22520/1-01 BASIC TOOL

FIGURE 4 - M22520/1-04 TURRET HEAD FOR M39029/56-/58, /117, /118, /121, /123 CONTACTS (CONTINUED)

	AEROSPACE STANDARD	AS22520™/1 SHEET 1 of 4	REV. 6
	(R) CRIMPING TOOLS, TYPE I, TERMINAL, HAND, WIRE TERMINATION FOR WIRE BARREL SIZES 12 THROUGH 22 AND COAXIAL INNER CONTACTS		

M22520/1-04 TURRET HEAD

APPLICATION:

1. IN ADDITION TO THE STANDARD CONTACTS SPECIFIED ON THE DATAPLATE, THE POSITIONERS WILL ALSO CRIMP THE OBSOLETE CONTACTS SPECIFIED IN TABLE 7.

SUPERSESSION:

1. M22520/1-04 SUPERSEDES THE TOOLS AS INDICATED IN TABLE 8.

TABLE 7 - OBSOLETE CONTACTS FOR AS22520/1-04

CONTACT PART NUMBER	OBSOLETE CONTACT ACCOMMODATION FOR EACH POSITION		
	A	B	C
MS17803	-16-20	M21097/9-01	NONE
	-16-16		
	-20-20		
MS17804	-16-20		
	-16-16		
	-20-20		
MS17807	-16-16		
	-16-20		
MS17808	-16-16		
	-16-20		

TABLE 8 - SUPERSESSION INFORMATION

PART NUMBER	SUPERSEDED PART NUMBER
M22520/1-04 1/	MS27828-4

1/ MAY BE USED IN PLACE OF MS3191-9T, BUT IS NOT DIRECTLY INTERCHANGEABLE.

	AEROSPACE STANDARD	AS22520™/1 SHEET 12 OF 43	REV. C
	(R) CRIMPING TOOLS, TYPE I, TERMINAL, HAND, WIRE TERMINATION FOR WIRE BARREL SIZES 12 THROUGH 22 AND COAXIAL INNER CONTACTS		

M22520/1-05 POSITIONER

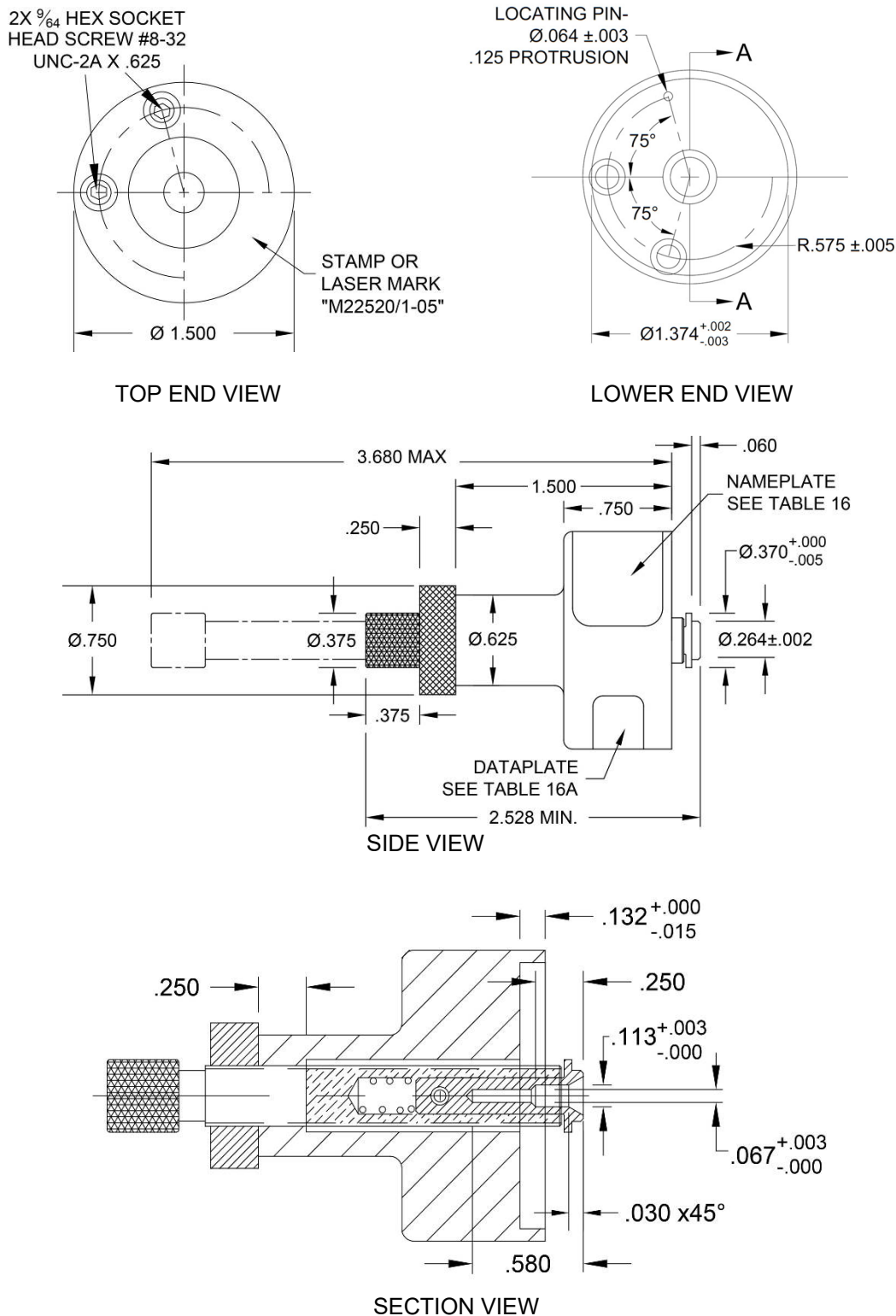


FIGURE 5 - M22520/1-05 UNIVERSAL POSITIONER FOR MISCELLANEOUS CONTACTS

	AEROSPACE STANDARD	AS22520™/1 SHEET 13 OF 43	REV.
	(R) CRIMPING TOOLS, TYPE I, TERMINAL, HAND, WIRE TERMINATION FOR WIRE BARREL SIZES 12 THROUGH 22 AND COAXIAL INNER CONTACTS		



Documents

Document Sharing Hub