

HOME

PRODUCTS

MANUFACTURERS

ASTRO TOOL CORP

615708 (M22520/1-01) Crimping Tool, DMC AF8

615708 (M22520/1-01) Crimping Tool, DMC AF8

\$304.21

615708, mil spec M22520/1-01, is a crimp tool designed for machined pin and socket contacts with wire barrel sizes 20-12. Dial Selectable, 8 indent crimp, controlled cycle ratchet – requires a turret head or positioner determined by the contact part number. Contact Astro with connector or contact part numbers for turret recommendations. Direct equivalent to Daniels Manufacturing (DMC) AF8. Other manufacturers part numbers 995-0001-585, 144-0000-910, 5120001653912, 5120-00-165-3912, L116-CR-005, TP201354, DCP.91.101V, 057-0461-11

1

Add to cart

SKU: 615708

Category: [Astro Tool Corp](#)

Tags: [144-0000-910](#), [5120-00-165-3912](#), [5120001653912](#), [615708](#), [995-0001-585](#), [AF8](#), [DPC.91.101V](#), [F0937048000](#), [KR005-2012-17](#), [L116-CR-005](#), [M22520/1-01](#), [TP201354](#)

Description

Additional information

615708, mil spec M22520/1-01, is a crimp tool designed for machined pin and socket contacts with wire barrel sizes 20-12. Dial Selectable, 8 indent crimp, controlled cycle ratchet – requires a turret head or positioner determined by the contact part number. Contact Astro with connector or contact part numbers for turret recommendations. Direct equivalent to Daniels Manufacturing (DMC) AF8. Other manufacturers part numbers 995-0001-585, 144-0000-910, 5120001653912, 5120-00-165-3912, L116-CR-005, TP201354, DCP.91.101V, 057-0461-11

Related Products

ATK6002 Gage Kit for M22520/1-01, DMC 88-100

\$566.50

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APC708 Pneumatic version of 615708 (M22520/1-01), DMC WA27

\$1,224.17

Add to cart

615709 (M22520/1-02) Turret Head DMC TH1A

\$111.49

Add to cart

615716 (M22520/3-01) Gage, DMC G125

\$63.19

Add to cart

Astro Tool Corp

Tel: (503) 642-9853

<https://www.astrotool.com/products/615708-m22520-1-01-crimping-tool-dmc-af8/>

1/4

REVISIONS						
REV	ECO NO.	DESCRIPTION	BY	DATE	APP'D BY	DATE
1		ORIGINAL RELEASE	AAM	11/16/1992	DE	11/16/1992
2		ADDED Ø.218	AAM	7/29/1996	DE	7/29/1996
3	23590	UPDATED AND ADDED GAGE	TonyD	11/18/2014		
4		"NOT SUPPLIED WITH TOOL" ADDED TO GAGE	TonyD	1/11/2016		

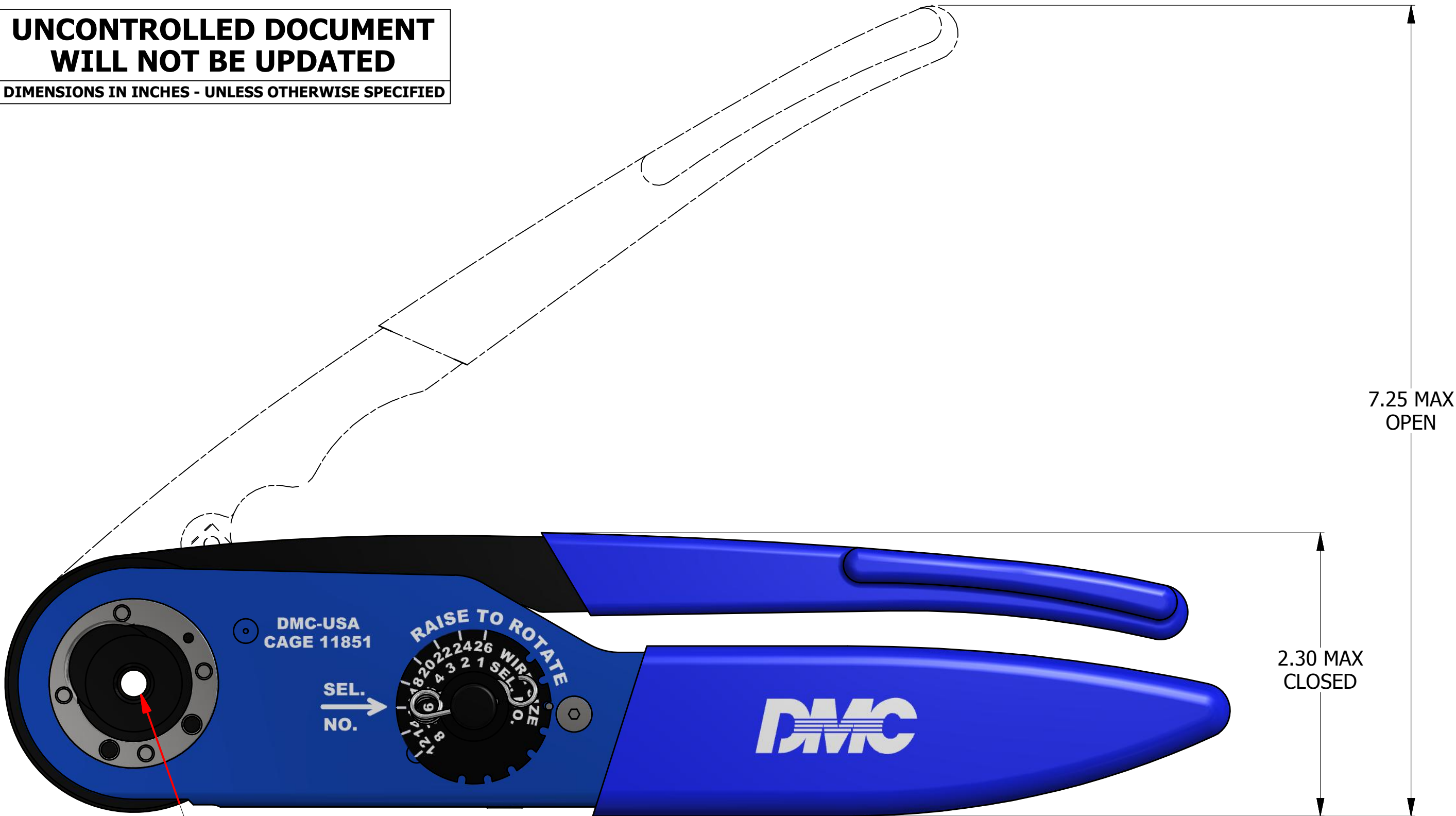
UNCONTROLLED DOCUMENT
WILL NOT BE UPDATED

DIMENSIONS IN INCHES - UNLESS OTHERWISE SPECIFIED

GAGING LIMITS OF INDENTERS

SEL NO	INSPECTION GAGE	
	Ø GO ±.0001	Ø NO-GO ±.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

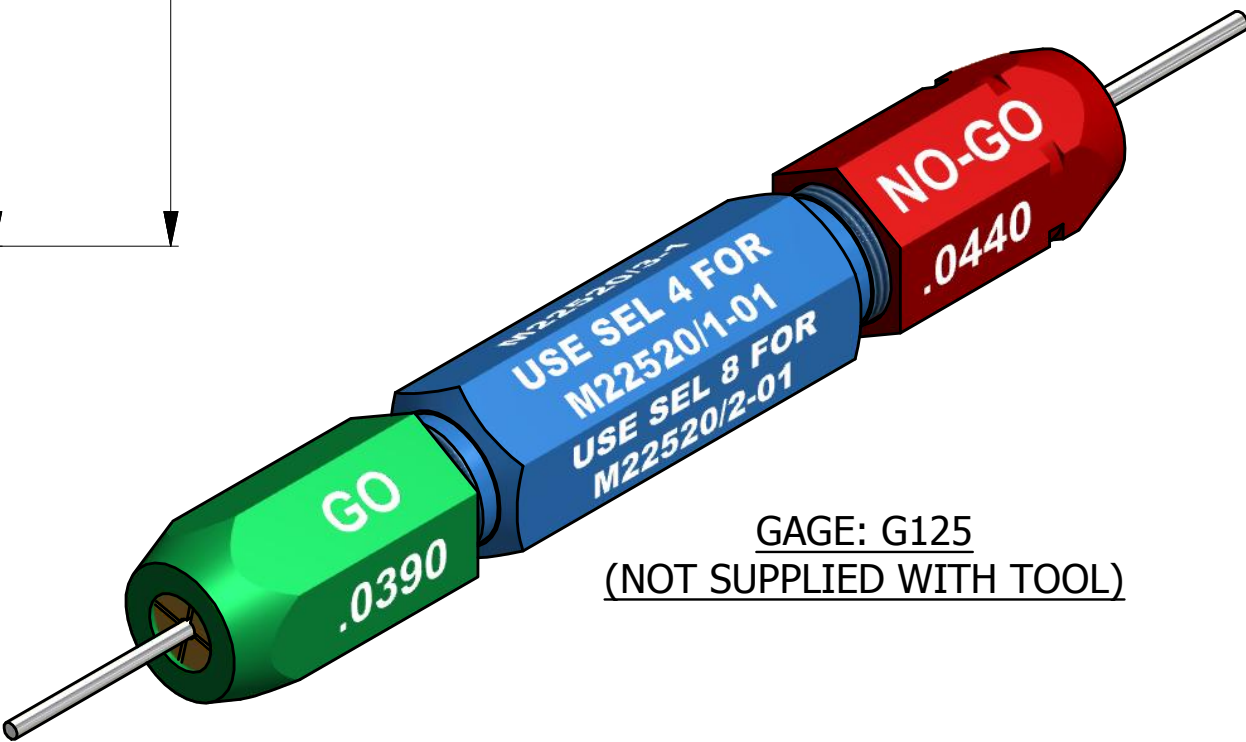
CHECK WITH GAGE: G125 SEL #4



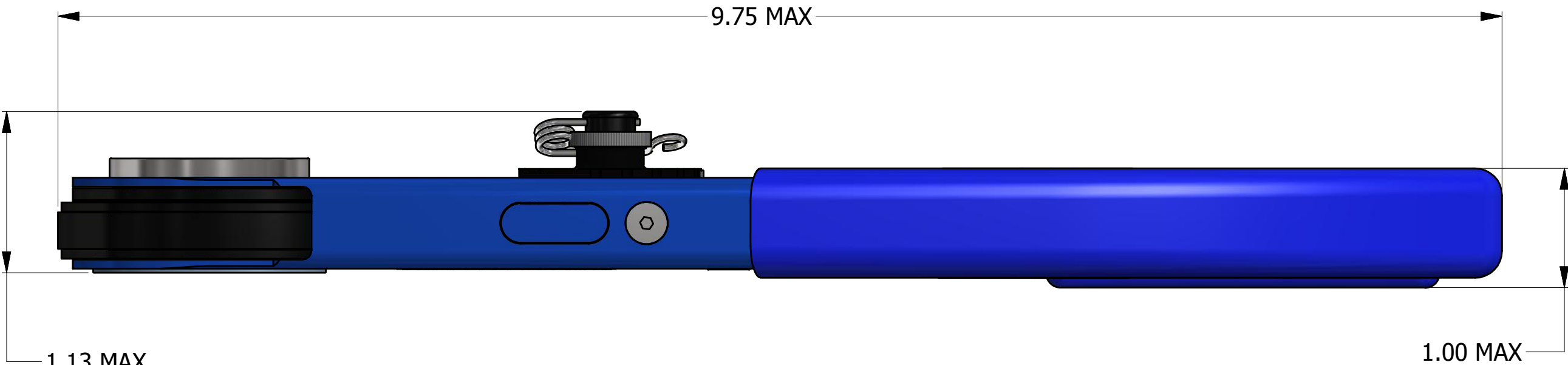
Ø.218

2.30 MAX
CLOSED

7.25 MAX
OPEN



GAGE: G125
(NOT SUPPLIED WITH TOOL)



MATERIAL	ITEM	PART NO.	QTY.	DESCRIPTION / REMARKS
N/A	DRN. A. MOO-YOUNG CHK'D. DE	DATE 11/16/1992 DATE 11/16/1992		DANIELS MANUFACTURING CORP. ORLANDO, FLORIDA CAGE 11851
HEAT TREAT N/A	NOTE: THIS DRAWING IS AN OUTLINE DRAWING OF THE RESPECTIVE DMC PART NUMBER INDICATED. ACTUAL DMC PART NUMBER IS CAD PART NUMBER WITHOUT THE "-ENV" SUFFIX		TITLE CRIMP TOOL M22520/1-01 ENVELOPE DRAWING	
FINISH N/A	WHERE USED:	SIZE C	SCALE 1.25X	CAD P/N AF8-ENV DWG. NO. AF8
SHEET 1 OF 1			REV. 4	

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CORP. ON COMPLETION OF ORDER OR PURPOSES FOR WHICH LENT.
CREATED FROM AN INVENTOR MODEL.
CHANGES MUST BE REFLECTED IN THE 3D PART
DO NOT SCALE DRAWING

ADJUSTABLE CRIMP TOOL AF8 (M22520/1-01)

DMC DANIELS
MANUFACTURING
CORPORATION
DATASHEET

THIS HAND TOOL MUST NOT BE USED IN ANY POWERED
"PRESS" AS DEFINED BY OSHA CFR 1910.211 (46)

SEE REVERSE SIDE FOR IMPORTANT INFORMATION CONCERNING
LIMITED WARRANTY, AND LIMITATION OF LIABILITY.

GENERAL INFORMATION:

1. Designation AF8 (M22520/1-01) refers to basic tool without positioner.
2. Wire crimp range 26 to 12 AWG
3. The tool has a double action ratchet, and cannot be opened without completing the cycle.

INSTALLATION OF POSITIONER:

1. Tool must be in open position.
2. Press positioner trigger latch which releases turret to indexing position.
3. Place positioner onto retaining ring with alignment pin in alignment hole.
4. After positioner is seated against retainer ring, tighten socket head screws with 9/64" hex. key.
5. Refer to dataplate on positioner. From color code column, select the positioner color that corresponds with the appropriate part number and size of contact to be crimped.
6. With tool in open position, rotate until color coded insert is in line with the index mark. Press turret until it snaps in latched position.
7. Refer to dataplate. From wire size column, determine the selector setting that corresponds with the contact being used.
8. Remove spring clip from selector knob and rotate until correct setting is in line with selector mark.

CRIMPING INSTRUCTIONS:

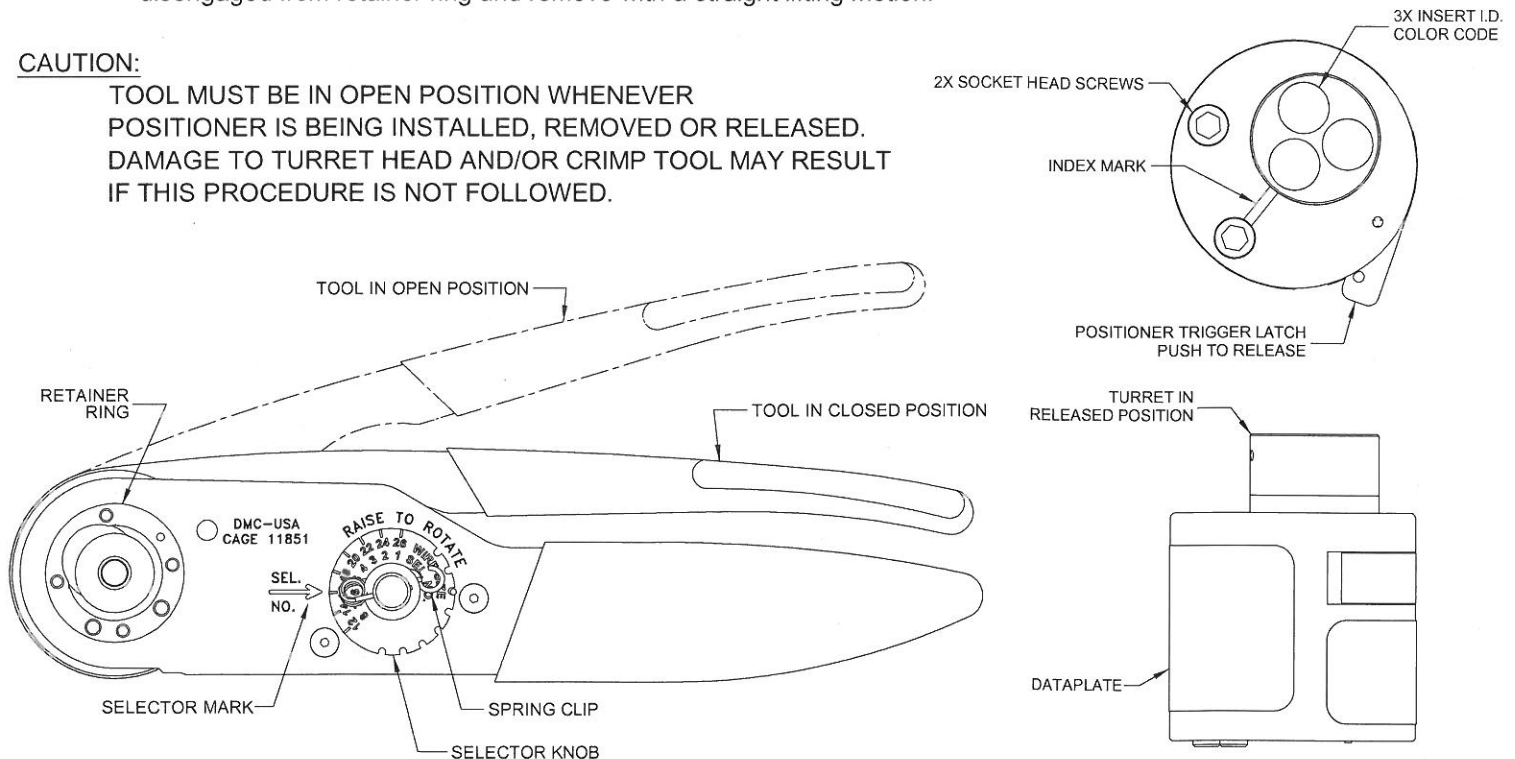
1. Insert contact and prepared wire through the indenter opening into the positioner.
2. Squeeze handles together until ratchet releases. Handle will return to open position.

REMOVING POSITIONER:

1. With tool in open position, release turret. Loosen screws until threads are disengaged from retainer ring and remove with a straight lifting motion.

CAUTION:

TOOL MUST BE IN OPEN POSITION WHENEVER
POSITIONER IS BEING INSTALLED, REMOVED OR RELEASED.
DAMAGE TO TURRET HEAD AND/OR CRIMP TOOL MAY RESULT
IF THIS PROCEDURE IS NOT FOLLOWED.



"GO" GAGING

Operate the tool to the fully closed position. Maintain firm hand pressure on the tool handles. Insert the "GO" gage end as shown. The gage must pass freely between the indenter tips.

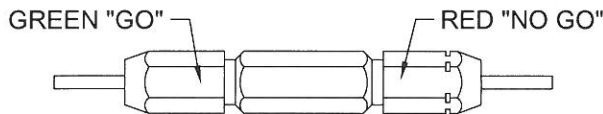
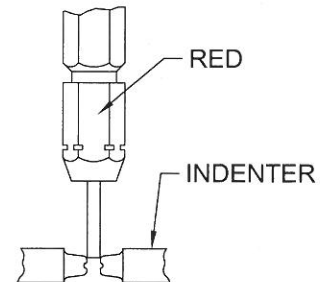
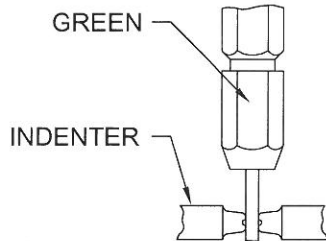
GAGING INSTRUCTIONS

"NO-GO" GAGING

Operate the tool to the fully closed position. Maintain firm hand pressure on the tool handles. Try to insert the "NO-GO" gage end as shown. The "NO-GO" gage may partially enter the indenter opening, but must not pass completely through.

GAGING LIMITS

SEL NO	INSPECTION GAGE	
	Ø GO ±.0001	Ø NO-GO ±.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



GAGE: USE G125 (M22520/3-1) ON SEL #4

CAUTION!
DO NOT CRIMP GAGE !!

CARE OF TOOL

There is virtually no maintenance required. However, it's good practice to keep indenter tips free of residual deposits and other debris. A small wire brush may be used for this purpose.

We strongly recommend that you:

1. DO NOT immerse tools in cleaning solution.
2. DO NOT spray oil into tool to lubricate.
3. DO NOT attempt to disassemble tool or make repairs.

This is a precision hand crimp tool and should handled as such.

DMC offers complete refurbishing and recalibrating services.

DMC specially engineers and manufactures complete tool kits to satisfy individual customer requirements, such as total aircraft support, general shop maintenance or production, on board ship and vehicle service, etc.

LIMITATION OF LIABILITY

DANIELS MANUFACTURING CORPORATION IS NOT LIABLE FOR CONSEQUENTIAL OR SPECIAL DAMAGES OF ANY NATURE OR KIND RESULTING FROM THE USE, MISUSE, OF ANY OF ITS PRODUCTS. OWNERS AND USERS OF DMC PRODUCTS ASSUME FULL RESPONSIBILITY FOR INSTRUCTING THEIR EMPLOYEES IN THE PROPER AND SAFE USE OF SUCH PRODUCTS.

LIMITED WARRANTY

DMC (Daniels Manufacturing Corporation) warrants each new product sold by it to be free from defects in material and workmanship under normal use and service. DMC's obligation under this warranty is limited to the free correction or, at DMC's option, the refund of the purchase price of any such product which proves defective in normal service within ninety (90) days after delivery to the first user, provided that the product is returned to DMC with all transportation charges prepaid and which shall appear to DMC's satisfaction, after

DMC's inspection, to have been defective in material or workmanship, it being understood that DMC products are not consumer products. This warranty shall not cover any damage to any products which, in the opinion of DMC, was caused by normal wear, misuse, improper operation, tampering, neglect or accident. This warranty is in lieu of all other warranties express or implied. No warranty, express or implied, is made or authorized to be made or assumed with respect to products of Daniels Manufacturing Corporation other than those herein set forth.