

MINIATURE ADJUSTABLE HAND CRIMP TOOL WITH CYCLE COUNTER AFM8-CC

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 PAGE 3 FOR IMPORTANT INFORMATION CONCERNING
LIMITED WARRANTY, AND LIMITATION OF LIABILITY.

HOW TO USE DANIELS AFM8-CC BASIC HAND CRIMP TOOL AND RELATED POSITIONERS

GENERAL INFORMATION

1. Designation AFM8-CC refers to basic hand tool without positioners. Wire crimp range 20 AWG to 32 AWG.
2. The tool has a double action ratchet. Note that the tool cannot be opened without completing the cycle.

TOOL PREPARATION

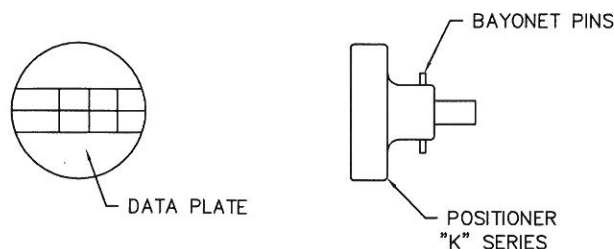
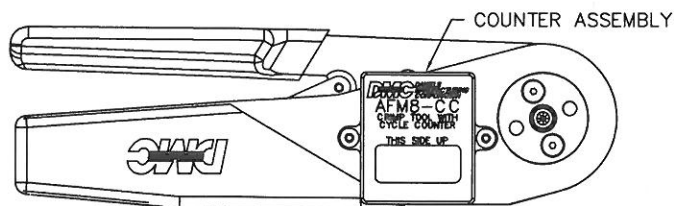
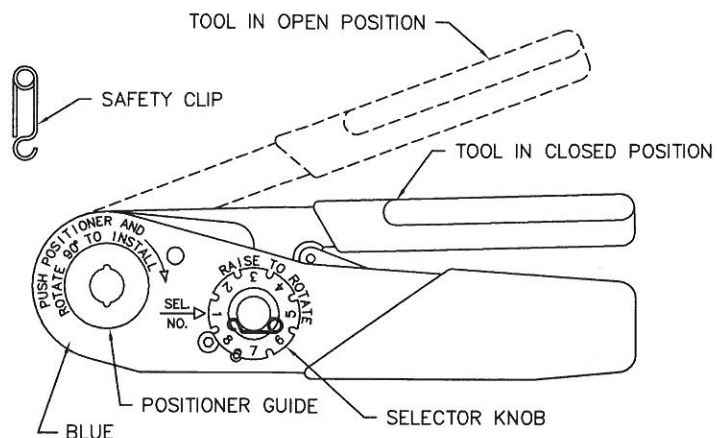
1. Tool must be in open position.
2. Remove safety clip from positioner guide.
3. Select Positioner for contact to be crimped.
4. Insert Positioner into positioner guide and turn 90 degrees until bayonet pins lock.
5. Install safety clip into positioner guide (optional).
6. Wire size and corresponding selector number are shown on data plate.
7. With tool still in open position, raise and rotate selector knob until number indicated on data plate for wire size to be crimped is in line with Sel. No. arrow.

CRIMPING INSTRUCTIONS

1. Insert contact and prepared wire into indenter opening from side opposite the Positioner.
2. Squeeze handles together until ratchet releases. Handle will return to the open position. Remove crimped contact and wire.

REMOVING POSITIONER

1. Remove safety clip and reverse procedure described in step four (4) above.



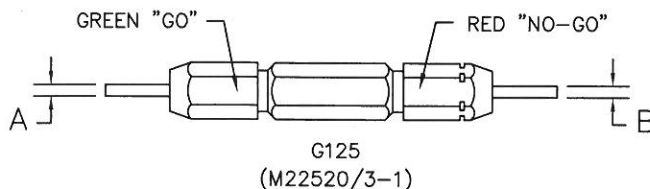
GAGE PART NO.	A GO DIA	B NO-GO DIA	SEL NO
G125	.0390	.0440	8

GAGING LIMITS

SELECTOR NUMBER	A $\pm .0001$ GO DIA	B $\pm .0001$ NO-GO DIA
1	.0130	.0180
2	.0160	.0210
3	.0190	.0240
4	.0220	.0270
5	.0260	.0310
6	.0300	.0350
7	.0340	.0390
8	.0390	.0440

CAUTION!

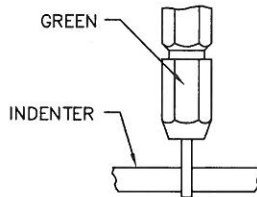
DO NOT CRIMP GAGE!



GAGING INSTRUCTIONS

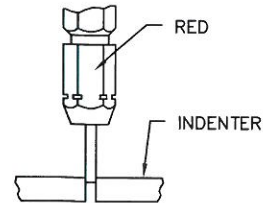
"GO" GAGING

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



"NO-GO" GAGING

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



DMC Crimp Tools are precision tools that require Go-No/Go gaging (gauging) and periodic recalibration. Go-No/Go gaging should be performed with the DMC's recommended Go-No/Go gage before each crimping session. Tools not meeting the Go-No/Go gaging requirements should immediately be removed from service and returned to DMC for service and recalibration. The user should establish a recalibration schedule based on its own use and storage of the tools. DMC recommends a more frequent schedule if the tools are highly utilized or stored in uncontrolled areas.

CRIMP CYCLE COUNTER

The AFM8-CC crimp tool is equipped with a battery powered electronic cycle counter. This feature allows the end user to keep track of the number of crimp cycles the tool has performed. This information can be used to determine calibration cycles, number of crimps performed per shift, or total number of crimps in a tool's lifetime.

RESETTING THE CYCLE COUNTER

The cycle counter can be reset if desired. To reset the counter, remove the two screws holding it to the tool. Then loosen the two set screws holding the display into the housing. The display can then be taken out of the housing far enough to be reset. Hold the display, and use a small screwdriver to push the battery completely out of the battery holder. Re-insert the battery, and the counter will go back to 0. Replace the display, tighten the setscrews, and re-mount the housing to the tool.

REPLACING THE CYCLE COUNTER BATTERY

The cycle counter battery has a three to four year life. When the display goes blank the battery can be replaced. To replace the battery, remove the housing, and display as previously described. Push the old battery out of the display, and replace with a new type 386 or SR43 battery. Reinstall the display and the housing.

CARE OF TOOL

It is a good practice to keep indenter tips free of residual color band 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 crimp tool and should be handled as such.

DMC offers complete refurbishing and recalibration 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, OR 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 product 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.

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