

MINIATURE ADJUSTABLE HAND CRIMP TOOL AFM-2

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.

HOW TO USE DANIELS AFM-2 BASIC HAND CRIMP TOOL AND DEDICATED POSITIONER

GENERAL INFORMATION

1. Designation AFM-2 refers to the basic hand tool with positioner, P/N K116B. 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

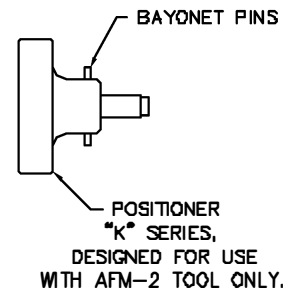
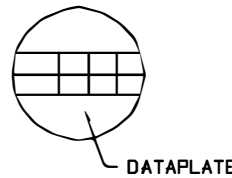
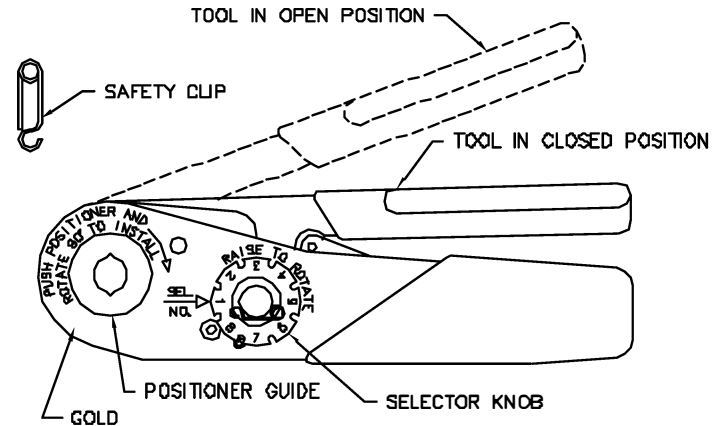
1. The Tool must be in the open position.
2. Remove safety clip from positioner guide.
3. Select Positioner for contact to be crimped.
4. Insert Positioner into positioner guide and turn 90 degrees until bayonet pins lock in place.
5. Install safety clip into the positioner guide (optional).
6. Wire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

CRIMPING INSTRUCTIONS

1. Insert contact and prepared wire into the indenter opening from side opposite the Positioner.
2. Squeeze handles together until the 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.

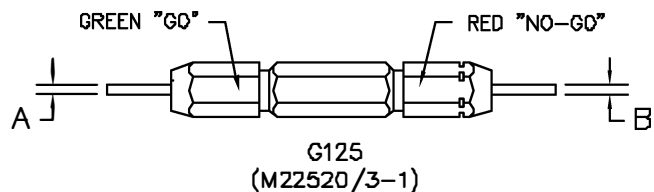


GAGE PART NO.	A GO DIA	B NO-GO DIA	SEL NO
G125	.0390	.0440	8

GAGING LIMITS

SELECTOR NUMBER	A ±.0001 GO DIA	B ±.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!

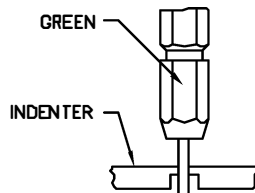


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GAGING INSTRUCTIONS

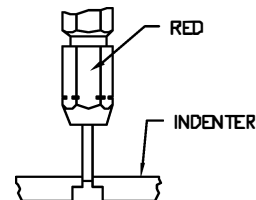
"GO" GAGING

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.



"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 the opening.



CARE OF TOOL

There is virtually no maintenance required. However, 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.

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