

# MINIATURE ADJUSTABLE CRIMP TOOL MH800

## HOW TO USE DANIELS MH800 BASIC CRIMP TOOL AND RELATED POSITIONERS

### GENERAL INFORMATION

1. Designation MH800 refers to the basic tool without positioners. The wire crimp range is 20 AWG to 32 AWG.
2. The tool has a double acting 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 dataplate.
7. With tool still in open position, raise and rotate selector knob until number indicated on dataplate 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.

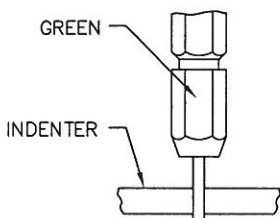
### REMOVING POSITIONER

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

### GAGING INSTRUCTIONS

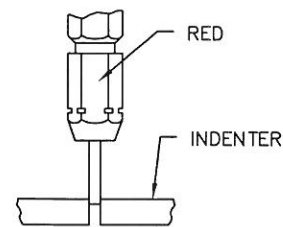
#### "GO" GAGING

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.



#### GAGING LIMITS

SELECTOR NUMBER	A $\pm 0.001$ GO DIA	B $\pm 0.001$ NO-GO DIA
1	.0140	.0160
2	.0170	.0190
3	.0200	.0220
4	.0230	.0250
5	.0270	.0290
6	.0310	.0330
7	.0350	.0370
8	.0400	.0420

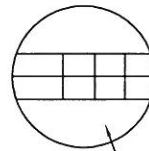
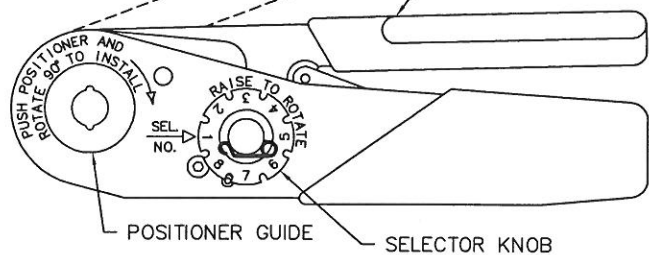


TOOL IN OPEN POSITION

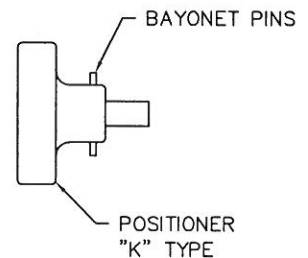


SAFETY CLIP

TOOL IN CLOSED POSITION



DATAPLATE



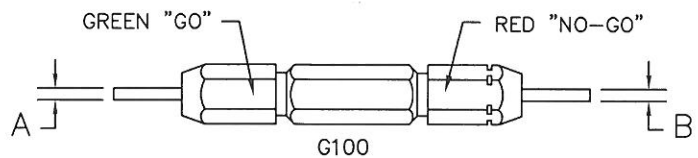
BAYONET PINS

POSITIONER  
"K" TYPE

GAGE PART NO.	A GO DIA	B NO-GO DIA	SEL NO
G100	.0200	.0220	3

### CAUTION!

DO NOT CRIMP GAGE!



#### "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.

### 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 crimping tool and should be handled as such.

DANIELS offers complete refurbishing and recalibration services.

DANIELS 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

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