

# ADJUSTABLE HAND CRIMP TOOL M317

**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 THE DANIELS M317 HAND CRIMP TOOL & POSITIONER

### GENERAL INFORMATION

1. The tool has a double action ratchet. Note that the tool cannot be opened without completing the cycle.
2. Designation M317 refers to basic hand tool without positioners.
3. Size: 9.75" x 2.5" x 1.25" Weight: 15oz.

### SETTING UP INSTRUCTIONS

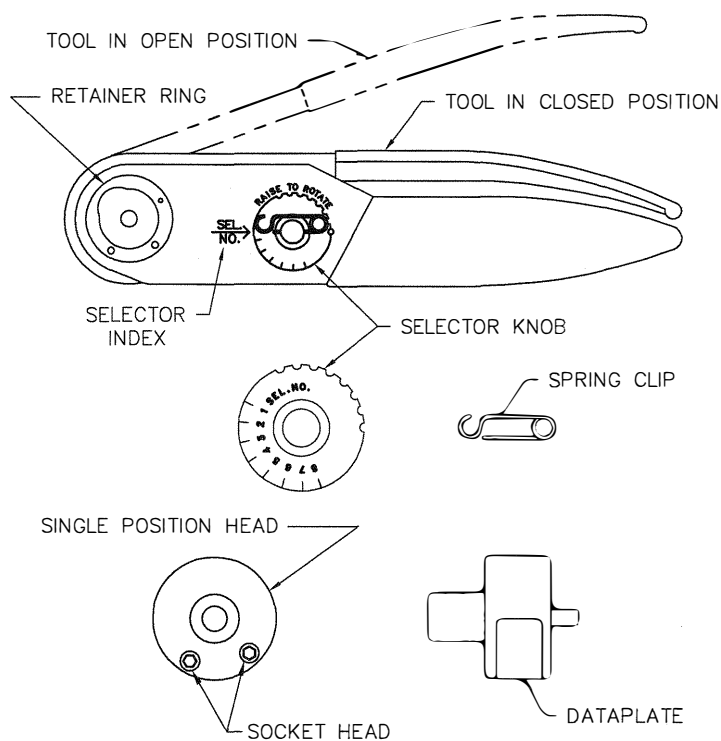
1. Tool must be in open position.
2. Place selected Single Position Head assembly onto retainer ring with alignment pin in alignment hole.
3. After Single Position Head is seated against retainer ring, tighten socket head screws with 9/64 inch hex key.
4. Refer to dataplate on Single Position Head. From the proper wire size column, determine the selector number that corresponds with the contact being used.
5. Remove Spring Clip from selector knob. Raise selector knob and rotate until selector number is in line with index mark. Replace Spring Clip (optional).

### CRIMPING INSTRUCTIONS

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

### REMOVING SINGLE POSITION HEAD

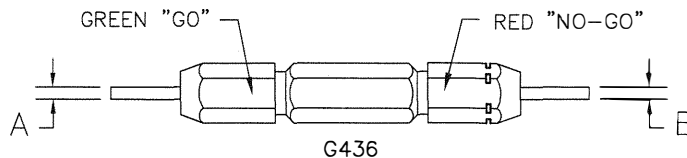
1. Loosen socket head screws until threads are disengaged from retainer ring and remove with a straight lifting motion.



GAGE PART NO.	A GO DIA	B NO-GO DIA	SEL NO
G436	.0610	.0660	3

**CAUTION!**  
DO NOT CRIMP GAGE!

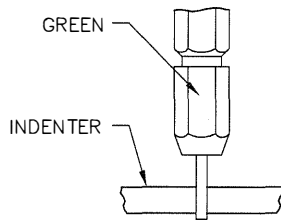
Only one gage is necessary for periodic inspection.



## 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.

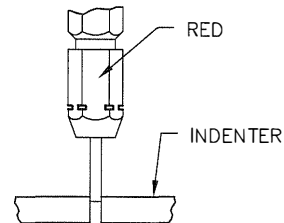


### GAGING LIMITS

SELECTOR NUMBER	A $\pm .0001$ GO DIA	B $\pm .0001$ NO-GO DIA
1	.0450	.0500
2	.0520	.0570
3	.0610	.0660
4	.0700	.0800
5	.0800	.0900
6	.0920	.1020
7	.1000	.1100
8	.1080	.1180

### "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

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 hand crimp tool and should be used 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.