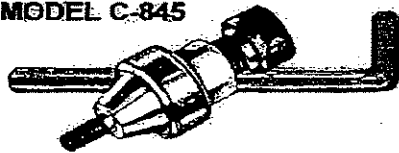


# C845 Wrench Type Stroke Tool

LUBRICATE 5/8" JACKSCREW THREADS BEFORE USE

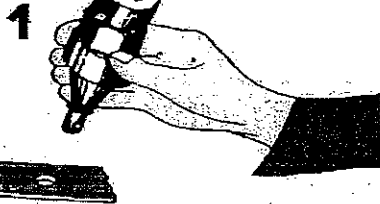
**MODEL C-845**



Wrench Type Rivnut Fastener Headers are available for Rivnuts with the following thread sizes: Nos., 6-32, 8-32, 10-32, 10-24, 12-24, 1/4"-28. Metric: M3, M4, M5, M6.

When Ordering Tools. Always Specify Rivnut Thread Size.

## OPERATING INSTRUCTIONS



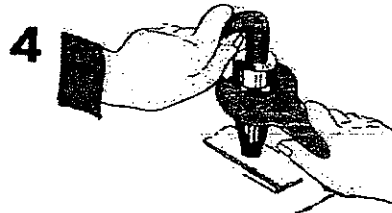
**1** ENGAGE ALL THREADS OF THE RIVNUT FASTENER ON THE PULL-UP STUD. ADVANCE ANVIL UNTIL IT IS TIGHT ON HEAD OF RIVNUT. INSERT RIVNUT IN HOLE.



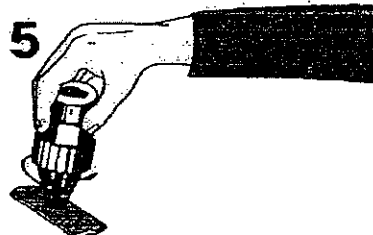
**2** PLACE HEX WRENCH IN SOCKET OF JACKSCREW AND HOLD STATIONARY. TURN HEX NUT IN COUNTER CLOCKWISE DIRECTION WITH A WRENCH WHILE HOLDING TOOL AT RIGHT ANGLES TO THE WORK.

**3** TURN NUT. THE REQUIRED NUMBER OF TURNS OR UNTIL FIRM RESISTANCE INDICATES COMPLETE UP SET OF THE RIVNUT. (A BOX END RATCHET WRENCH WILL SPEED UP THIS OPERATION.)

Thread Size of the Rivnut	Aprox. Turns Required to Upset in Min. Grip	in Max. Grip
No. 6 & M3	1-1/4	1/2
No. 8 & M4	1-1/2	3/4
No. 10 & M5	2	1
No. 12	2	1-1/4
1/2" & M6	2-1/4	1-1/2



**4** BREAK NUT LOOSE WITH CLOCKWISE MOVEMENT. REMOVE BOTH WRENCHES FROM THE TOOL.



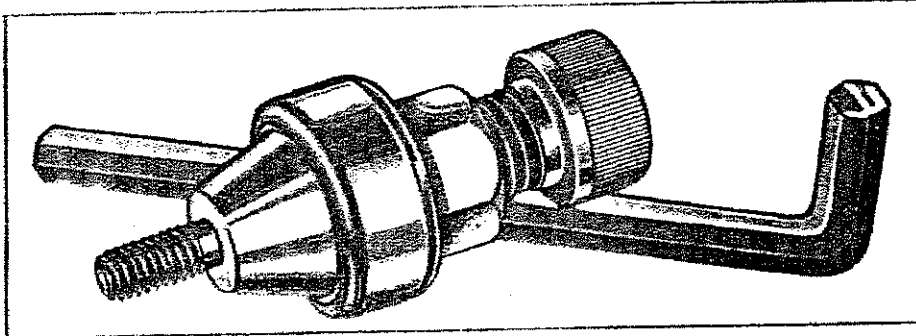
**5** REMOVE TOOL FROM RIVNUT BY REVOLVING ENTIRE TOOL IN COUNTER CLOCKWISE DIRECTION.



W128 N8600 Old Orchard Road • Menomonee Falls, WI 53051  
telephone: 262-252-2300 • facsimile: 262-252-5033  
www.cardinalcomponents.com • ISO 9001:2000 Certified

## **C-845 wrench type header for RIVNUTS only (for PLUSNUTS use C-1000 tool)**

Wrench Type Header for Thread Sizes 4-40, 6-32,  
8-32, 10-32, 10-24, 1/4"-20, 1/4"-28. Metric: M3 x 0.5,  
M4 x 0.7, M5 x 0.8 and M6 x 1.0.



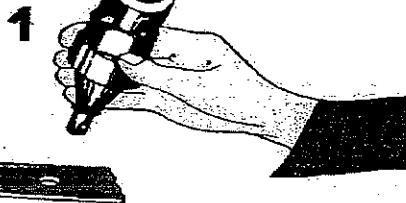
Outstanding Customer Service Since 1983

## C-722 wrench type header (for field repair and experimental use)

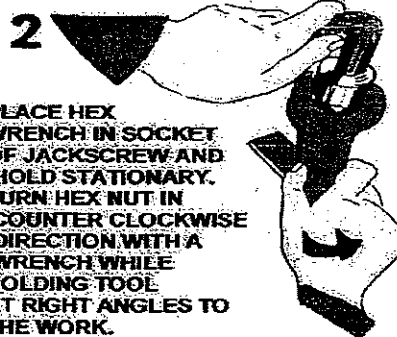
Range: 5/16" thru 1/2" RIVNUTS  
 5/16" thru 3/8" PLUSNUTS  
 Metric: M7 thru M12 RIVNUTS  
 M8 thru M10 PLUSNUTS

Designed for larger sizes that require pull-up loads greater than provided with lever type hand tool.  
 Sold only as a unit—repair parts not available.  
 Suitable for field and experimental installation.  
 Standard in Thread Sizes 5/16"-18, 5/16"-24, 3/8"-16, 3/8"-24, 1/2"-13, 1/2"-20. Metric: M7 x 1.0, M8 x 1.25, M10 x 1.50 and M12 x 1.75.

### OPERATING INSTRUCTIONS



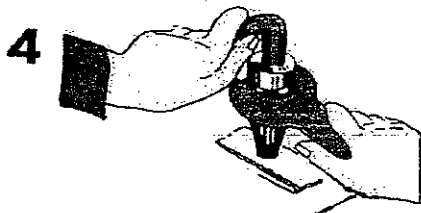
**1** ENGAGE ALL THREADS OF THE RIVNUT FASTENER ON THE PULL-UP STUD. ADVANCE ANVIL UNTIL IT IS TIGHT ON HEAD OF RIVNUT. INSERT RIVNUT IN HOLE.



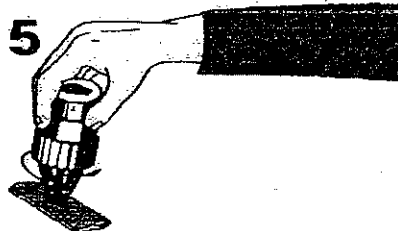
**2** PLACE HEX WRENCH IN SOCKET OF JACKSCREW AND HOLD STATIONARY. TURN HEX NUT IN COUNTER CLOCKWISE DIRECTION WITH A WRENCH WHILE HOLDING TOOL AT RIGHT ANGLES TO THE WORK.

**3** TURN NUT THE REQUIRED NUMBER OF TURNS OR UNTIL FIRM RESISTANCE INDICATES COMPLETE UP SET OF THE RIVNUT. (A BOX END RATCHET WRENCH WILL SPEED UP THIS OPERATION.)

Thread Size of the Rivnut	Aprox. Turns Required to Upset in Min. Grip	in Max. Grip
No. 6 & M3	1-1/4	1/2
No. 8 & M4	1-1/2	3/4
No. 10 & M5	2	1
No. 12	2	1-1/4
1/2" & M6	2-1/4	1-1/2



**4** BREAK NUT LOOSE WITH CLOCKWISE MOVEMENT. REMOVE BOTH WRENCHES FROM THE TOOL.



**5** REMOVE TOOL FROM RIVNUT BY REVOLVING ENTIRE TOOL IN COUNTER CLOCKWISE DIRECTION.