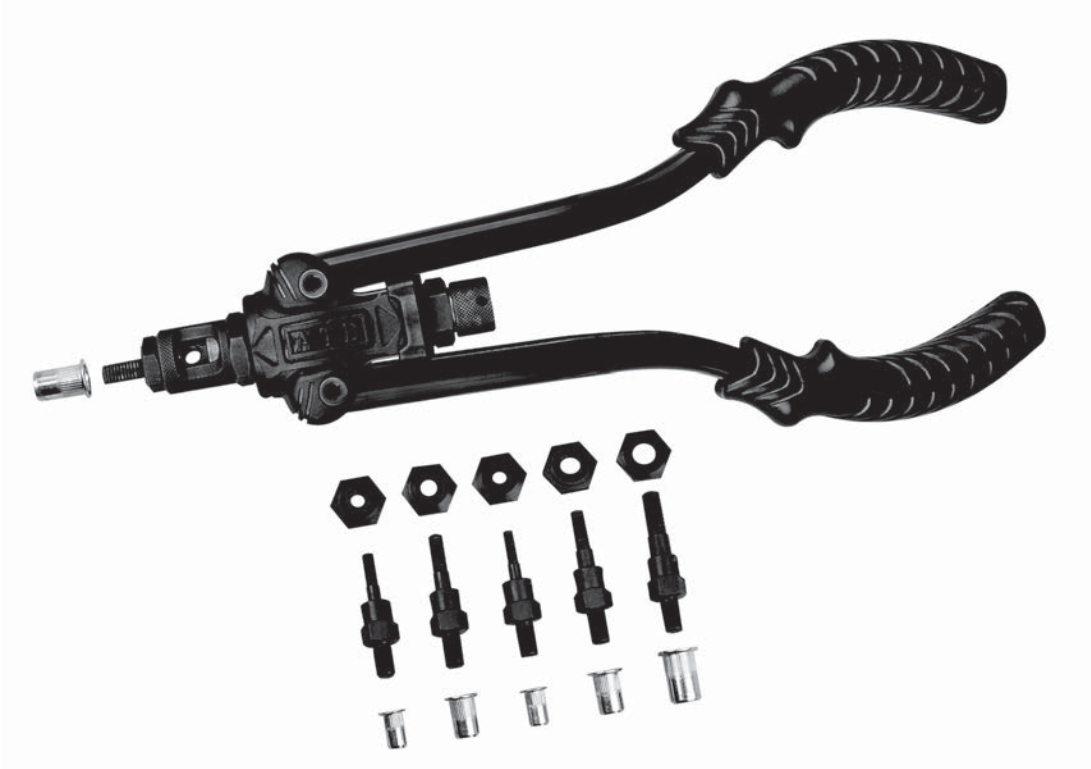
ATD-5845
12” Nut/Thread Hand Riveter Kit



Features:
- Perfect for many automotive, electronic or industrial applications
- Use wherever load bearing threads are required in thin materials
- Fast, reliable and low cost method of adding threads without surface damage
- Quick and easy mandrel and nose piece changes

Set Includes:
- 12” Heavy-Duty Nut/Thread Rivet Tool with double compound hinges for maximum leverage and smooth operation
- (1 each) Metric Mandrel/Nosepiece: M5, M6 and M8
- (1 each) SAE Mandrel/Nosepiece: 10-24, 1/4”-20 and 5/16”-18
- (10 each) Rivet Nuts: M5, M6, M8, 10-24, 1/4”-20 and 5/16”-18
- Wrench

Available Accessories:
- 150 pc. Rivet Nut Assortment (ATD-337)

Safety Instructions

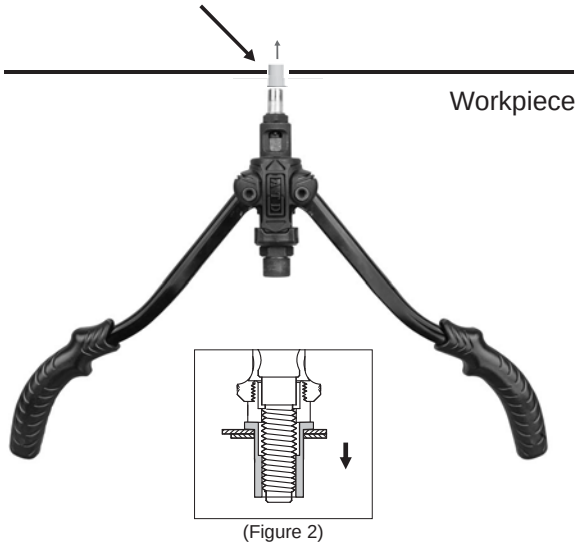
1. Read all instructions before using this unit.
2. Always wear ANSI approved safety goggles when using this product.
3. Always wear appropriate safety equipment and clothing when using this product.

Operating instructions

1. Opening the handles will allow you to screw the rivet nut onto the mandrel. (Figure 1)

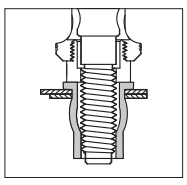
(Figure 1)

2. Insert the rivet nut into the pre-drilled hole in your workpiece after screwing the rivet nut to the mandrel. (Figure 2)

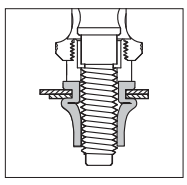


(Figure 2)

3. After rivet nut is inserted into the rivet hole, close the handles, riveting the nut into position. Quit closing handles when rivet nut is firmly in place. (Figures 3 and 4)

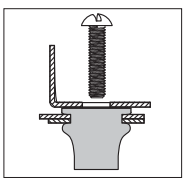


(Figure 3)



(Figure 4)

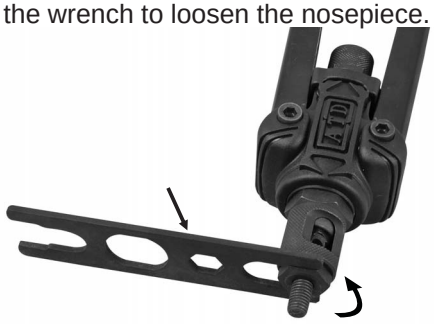
4. After the rivet nut is riveted into place, turn the rotary knob counter-clockwise to unload the rivet nut. The work is fastened, and you can now screw into your riveted nut. (Figure 5)



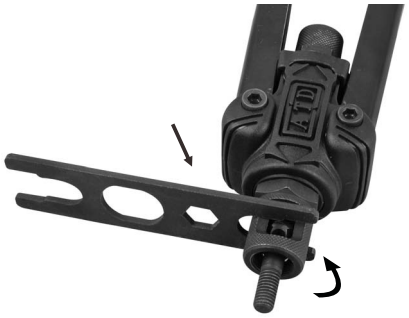
(Figure 5)

Replacing the Mandrel

1. Use the wrench to loosen the nosepiece.

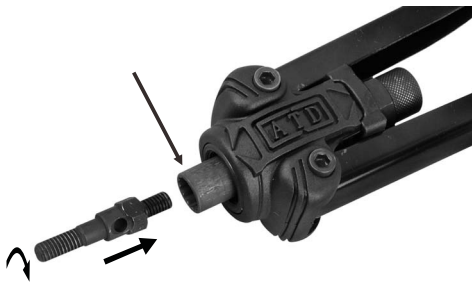


2. Use the wrench to loosen and remove sleeve.



3. Press the sheath, pull and turn mandrel counterclockwise and remove mandrel

4. Choose correct mandrel and press the sheath, screw mandrel clockwise until tight, then release the sheath.



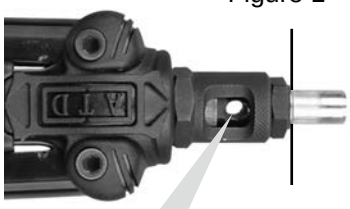
5. Screw and tighten sleeve and corresponding nosepiece back on.

Troubleshooting

Note: If the riveting process isn't done correctly, the riveter won't be easily extracted from the workpiece. If you pull the riveter forcefully, you will damage the unit or the work-piece.

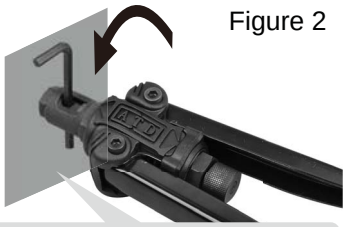
Corrective action: Insert hex key or similar tool (< 5mm) into the lock hole as shown in Figure 1, rotate rotary knob and then the riveter can be released from the workpiece as shown in Figure 2.

Figure 1



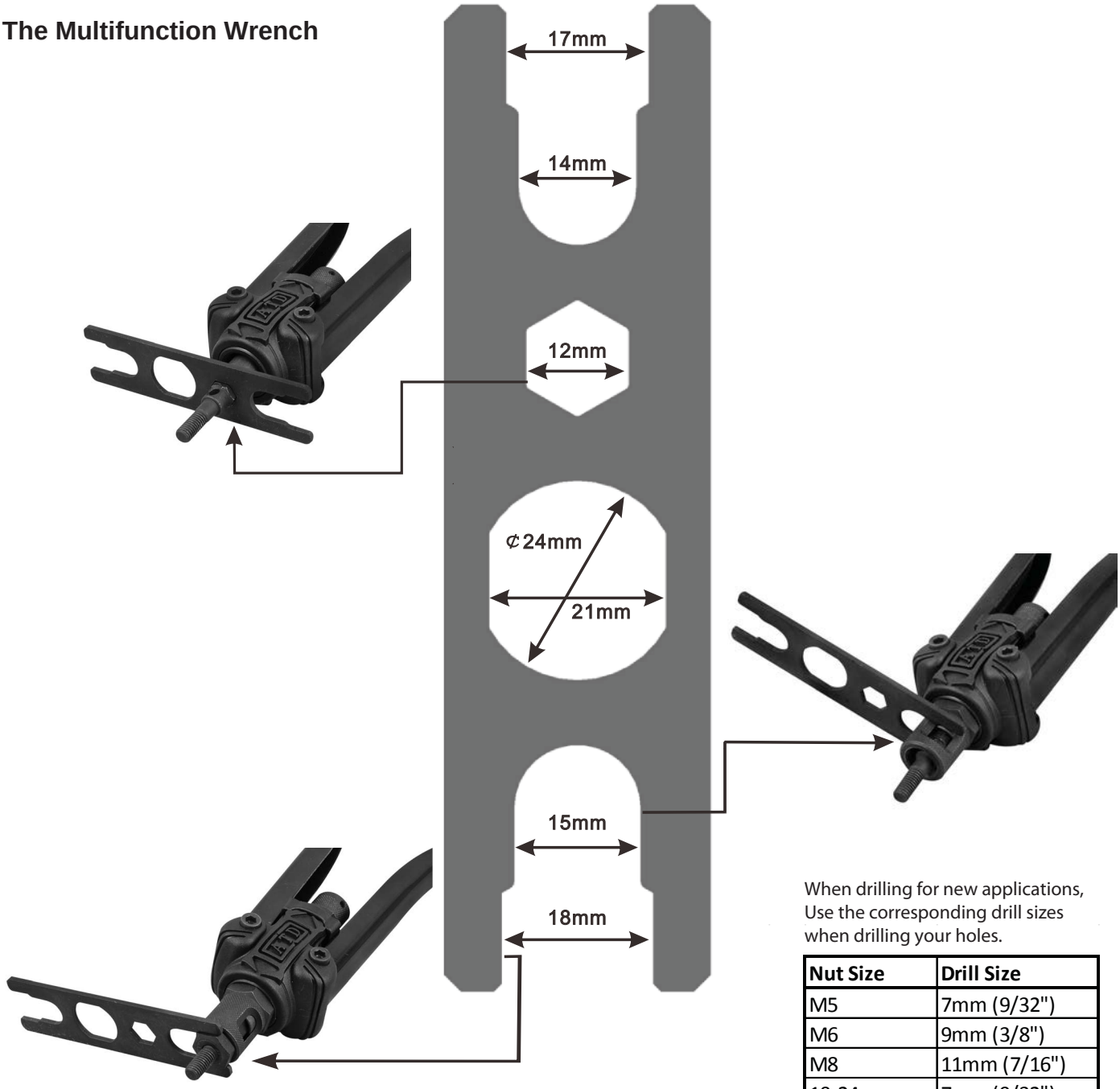
Lock Hole (5mm)

Figure 2



You can choose other similar tools as long as they can be Inserted into hole.

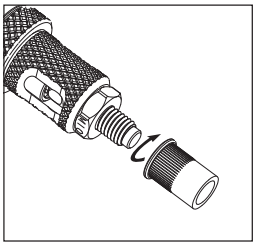
The Multifunction Wrench



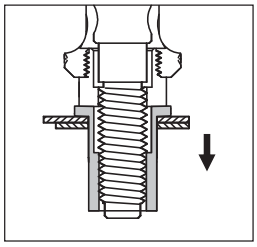
When drilling for new applications, Use the corresponding drill sizes when drilling your holes.

Nut Size	Drill Size
M5	7mm (9/32")
M6	9mm (3/8")
M8	11mm (7/16")
10-24	7mm (9/32")
1/4"-20	10mm (13/32")
5/16"-18	11mm (7/16")

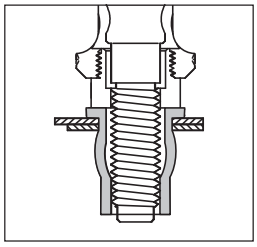
Riveting nut graph:



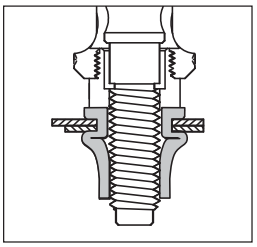
1.Thread rivet nut onto mandrel



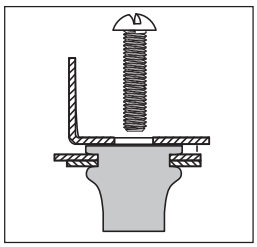
2. Place nut in pre-drilled hole. See chart above for drill size needed for new applications.



3. The nut is riveted in place



4. Quit when finished riveting



5. The work is fastened

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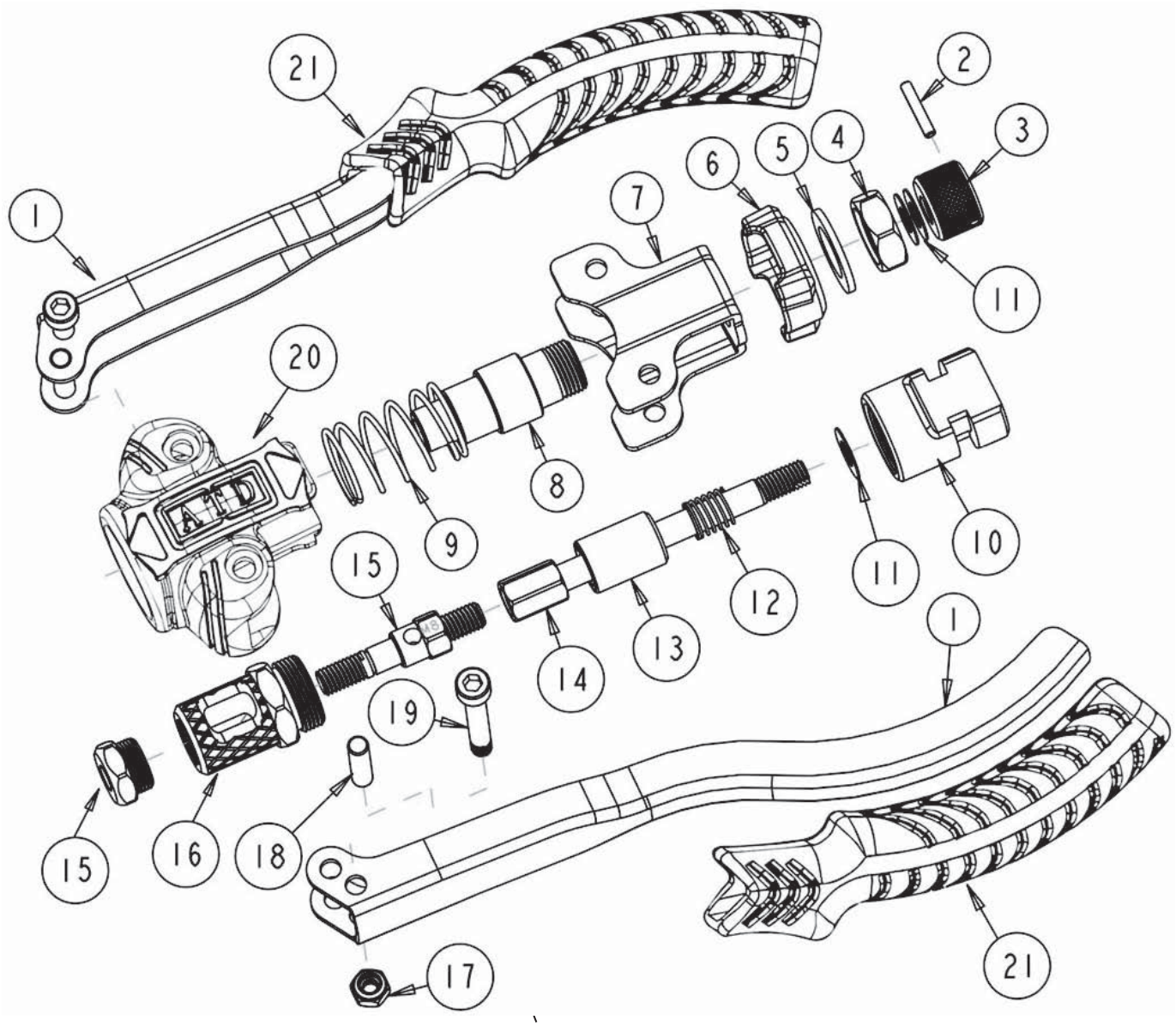

ITEM#	ORDERING PART#	PART DESCRIPTION
1	PRT5845-01	HANDLE (2PCS)
2	PRT5845-02	COTTER PIN
3	PRT5845-03	KNURLED NUT
4	PRT5845-04	BIG NUT
5	PRT5845-05	BIG WASHER
6	PRT5845-06	TOP COVER
7	PRT5845-07	U-SEAT
8	PRT5845-08	BIG FIXED SLEEVE
9	PRT5845-09	BIG SPRING
10	PRT5845-10	SLIDING SEAT
11	PRT5845-11	SMALL WASHER (3PCS)
12	PRT5845-12	SMALL SPRING
13	PRT5845-13	SMALL FIXED SLEEVE

ITEM#	ORDERING PART#	PART DESCRIPTION
14	PRT5845-14	PULL ROD
15	PRT5845-15-1	M5 MANDREL AND NOSEPIECE SET
15	PRT5845-15-2	M6 MANDREL AND NOSEPIECE SET
15	PRT5845-15-3	M8 MANDREL AND NOSEPIECE SET
15	PRT5845-15-4	10-24 MANDREL AND NOSEPIECE SET
15	PRT5845-15-5	1/4-20 MANDREL AND NOSEPIECE SET
15	PRT5845-15-6	5/16-18 MANDREL AND NOSEPIECE SET
16	PRT5845-16	SLEEVE
17	PRT5845-17	SMALL NUT (2PCS)
18	PRT5845-18	PIN ROD (2PCS)
19	PRT5845-19	SCREW (2PCS)
20	PRT5845-20	PLASTIC BODY
21	PRT5845-21	HANDLE SLEEVE (2PCS)