



Riveters &
Threaded
Insert Tools



THE TOOLS TO TRUST





Riveters and Threaded Insert Tools

Eclipse Spiralux is recognised as a brand leader for hand riveters, with a well established range sold in markets across the globe. The Eclipse range offers a selection of models designed for light industrial and engineering use.

The Compact Series has been developed to complement the more traditional range. They are smaller and lighter than traditional hand riveters but are equally strong and durable. They are quick and easy to use and require considerably less physical effort to pop rivets.

Riveters

Compact Series

EC-2750C Compact Lazy Tong Riveter

25% lighter, smaller and easier to handle than traditional sized lattice riveters. Weighs 1.50Kg compared to a 1.90Kg traditional lattice riveter. Delivers more power with less effort. Much easier on the arms and shoulders when popping lots of rivets.



- Strong 3-piece alloy steel jaw mechanism with hexagonal internal structure for a longer life and easy operating
- Aluminium alloy ergonomic design body and ABS handle for comfortable handling
- Lattice section is held together with nuts and bolts for extra strength and durability
- Manually adjustable round knurling sleeve to easily adjust the working length of each stroke, ideal for use in restricted spaces
- Pops up to 6.4mm Aluminium, Steel and Stainless Steel rivets
- Contains rivet noses for use with 2.4mm, 3.2mm, 4.0mm, 4.8mm and 6.4mm aluminium and steel rivets
- Noses are colour coded by size for easy identification and may be conveniently changed by hand with no need for extra tools
- To operate, pre-drill holes into the items being joined together, the optimum drill size is 0.1mm bigger than the size of the rivet
- Replacement jaws available

Part no.	Description	Qty
EC-2750C	Compact Lazy Tong Riveter	5

Part no.	Spare Parts	Qty
EC-CSJ3	Jaw Set (x3)	1

EC-2760C Compact Lever Arm Riveter

Up to 40% Lighter and more compact in size than traditional long arm riveters. Requires less effort and is easier to use. Much easier on the arms and shoulders when popping lots of rivets



- Strong 3-piece alloy steel jaw mechanism with hexagonal internal structure for a longer life and easy operating
- Reinforced 2mm thick Carbon Steel heat-treated handle for extra strength and durability
- Ergonomically designed handles for comfortable use
- Features a convenient rivet stem collector for protection and safety
- Pops up to 6.4mm Aluminium, Steel and Stainless Steel rivets
- Contains rivet noses for use with 2.4mm, 3.2mm, 4.0mm, 4.8mm and 6.4mm aluminium and steel rivets
- Noses are colour coded by size for easy identification and may be conveniently changed by hand with no need for extra tools
- To operate, pre-drill holes into the items being joined together, the optimum drill size is 0.1mm bigger than the size of the rivet
- Replacement jaws available

Part no.	Description	Qty
EC-2760C	Compact Lever Arm Riveter	5

Part no.	Spare Parts	Qty
EC-CSJ3	Jaw Set (x3)	1

EC-2760C-M Compact Mini Lever Arm Riveter

Up to 40% Lighter and more compact in size than traditional long arm riveters. Requires less effort and is easier to use. Much easier on the arms and shoulders when popping lots of rivets



- Strong 3-piece alloy steel jaw mechanism with hexagonal internal structure for a longer life and easy operating
- Reinforced 2mm thick Carbon Steel heat-treated handle for extra strength and durability
- Ergonomically designed handles for comfortable use
- Pops up to 6.4mm Aluminium, Steel and Stainless Steel rivets
- Contains rivet noses for use with 2.4mm, 3.2mm, 4.0mm, 4.8mm and 6.4mm aluminium and steel rivets
- Noses are colour coded by size for easy identification and may be conveniently changed by hand with no need for extra tools
- To operate, pre-drill holes into the items being joined together, the optimum drill size is 0.1mm bigger than the size of the rivet
- Replacement jaws available

Part no.	Description	Qty
EC-2760C-M	Compact Mini Lever Arm Riveter	5
Part no.	Spare Parts	Qty
EC-CSJ3	Jaw Set (x3)	1

EC-2730C Compact Snub Nose Riveter

25% lighter, and easier to handle than traditional gun riveters. Requires less effort and is easier to use. Perfect for use in restricted spaces, fits conveniently into toolboxes





- Compact size is particularly suitable for operating in difficult to access areas
- Capable of popping up to 4.8mm rivets in Aluminium and Steel. Able to pop 4.0mm rivets in Stainless Steel.
- 3 piece alloy steel jaw mechanism with internal hexagonal grip design
- Aluminium alloy ergonomic body with soft grip handles
- Interchangeable colour-coded noses for easy identification suitable for use with 2.4mm, 3.2mm, 4.0mm, 4.8mm rivet
- Noses can be changed by hand with no need for extra tools
- Sleeve is not adjustable so no need to spend time altering the working length
- Replacement jaws available

Part no.	Description	Qty
EC-2730C	Compact Snub Nose Riveter	5
Part no.	Spare Parts	Qty
EC-CSJ3	Jaw Set (x3)	1

Riveters

Compact Series

Colour Coded Rivet Sizes

Colour Code	Rivet Sizes	Drill Sizes
 Red	2.4mm	2.5mm
 Green	3.2mm	3.3mm
 Blue	4.0mm	4.1mm
 Yellow	4.8mm	4.9mm
 Grey	6.4mm	6.5mm

Performance on Test

EC-2750C versus traditional Lattice Style Riveters

Popping 200 x 5mm Aluminium Rivets			
2750C		Traditional Lattice Style Riveter	
Kgf Force	Pulls	Kgf Force	Pulls
8.2	2	11.5	1-2

Popping 10 x 6mm Aluminium Rivets			
2750C		Traditional Lattice Style Riveter	
Kgf Force	Pulls	Kgf Force	Pulls
14	2-3	20	2

Popping 10 x 5mm Steel Rivets			
2750C		Traditional Lattice Style Riveter	
Kgf Force	Pulls	Kgf Force	Pulls
13.1	3	20	2

Performance on Test

EC-2760C-M versus traditional Gun Riveters

Popping 10 x 5mm Aluminium Rivets			
2760C-M		Traditional Gun Riveter	
Kgf Force	Pulls	Kgf Force	Pulls
12.6	2	31.5	4

Performance on Test

EC-2760C versus traditional Long Arm Riveters

Popping 200 x 5mm Aluminium Rivets			
2760C		Traditional Long Arm Riveter	
Kgf Force	Pulls	Kgf Force	Pulls
9.7	2	9.8	1

Popping 10 x 6mm Aluminium Rivets			
2760C		Traditional Long Arm Riveter	
Kgf Force	Pulls	Kgf Force	Pulls
17.3	2	19.1	2

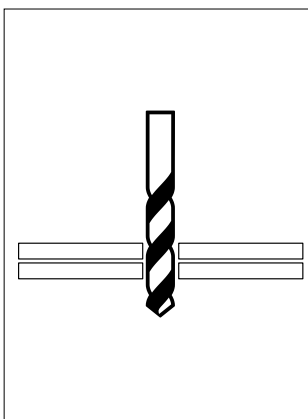
Popping 10 x 5mm Steel Rivets			
2760C		Traditional Long Arm Riveter	
Kgf Force	Pulls	Kgf Force	Pulls
16.8	2-3	17.3	3

Performance on Test

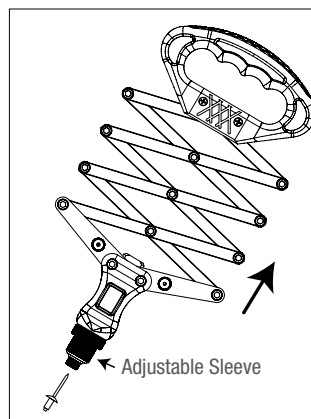
EC-2730C versus traditional Gun Riveters

Popping 10 x 5mm Aluminium Rivets			
2730C		Traditional Gun Riveter	
Kgf Force	Pulls	Kgf Force	Pulls
12.6	2	31.5	4

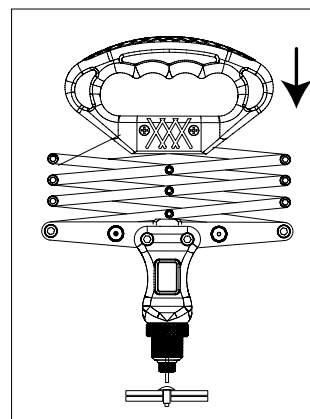
EC-2750C User instructions



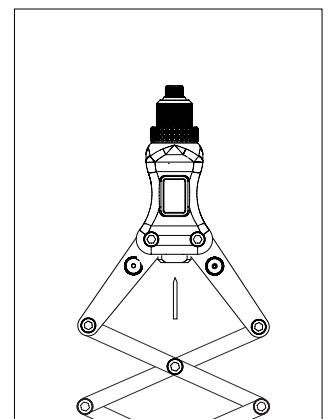
Drill hole through materials to be riveted.



Extend Lazy Tong Riveter, insert rivet and adjust sleeve if required.

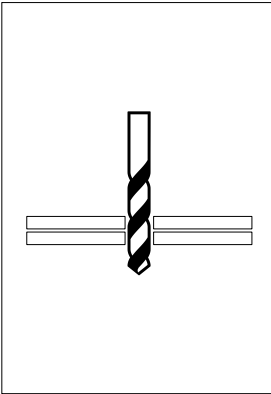


Align rivet, push handle to fix rivet. Repeat until rivet snaps and then remove riveter.

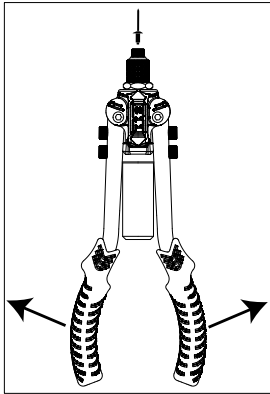


Open lattice fully to remove rivet stem.

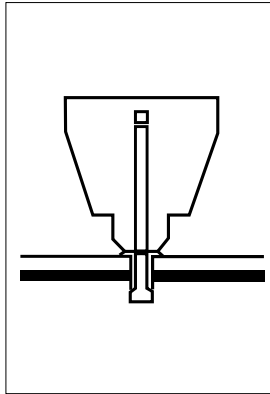
EC-2760C User instructions



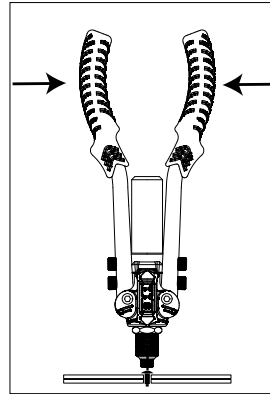
Drill hole through materials to be riveted.



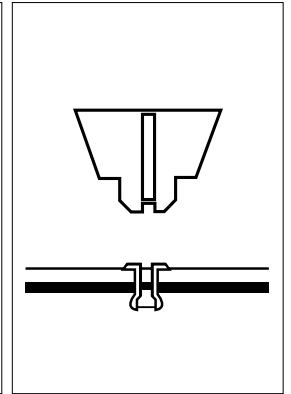
Open handles to insert rivet.



Insert the riveter into the hole.

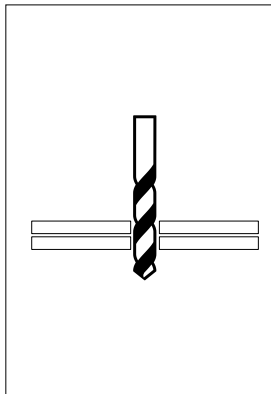


Close handles to fix rivet. Repeat until rivet snaps. The rivet stem falls into the collector.

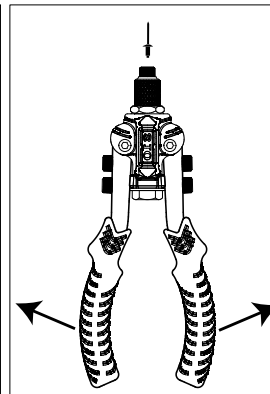


Remove riveter and open handles fully to remove rivet stem.

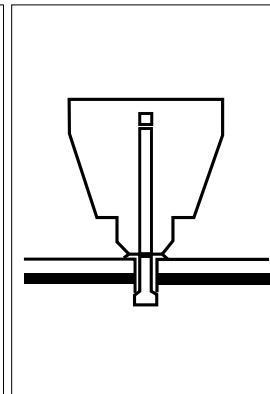
EC-2760C-M User instructions



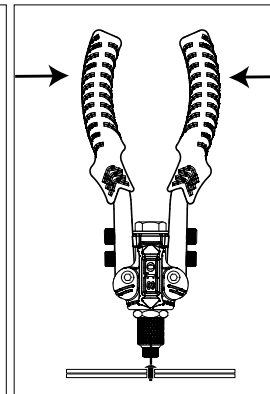
Drill hole through materials to be riveted.



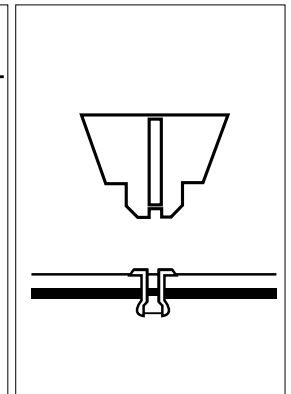
Open handles to insert rivet.



Insert the riveter into the hole.

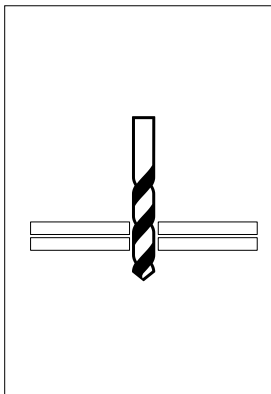


Close handles to fix rivet. Repeat until rivet snaps.

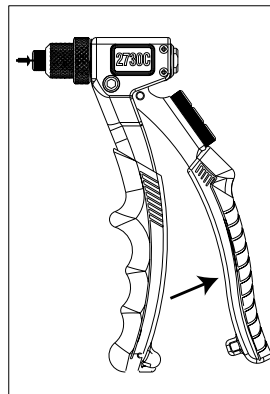


Remove riveter and open handles fully to remove rivet stem.

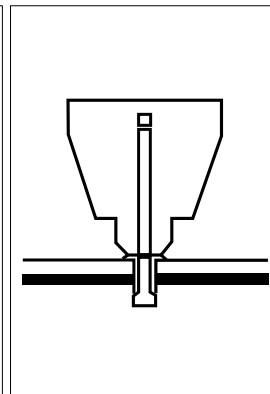
EC-2730C User instructions



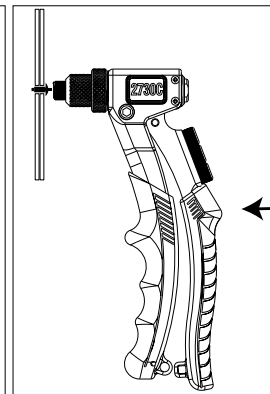
Drill hole through materials to be riveted.



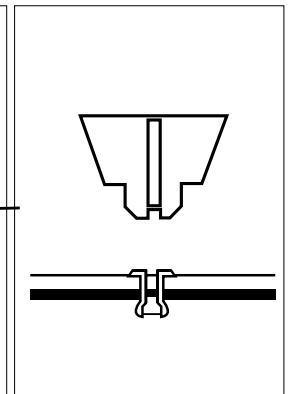
Open handle to insert rivet.



Insert the riveter into the hole.



Squeeze handle to fix rivet. Repeat until rivet snaps.



Remove riveter and open handles fully to remove rivet stem.

Riveters

Traditional Series

A wide range of manually operated Riveters suitable for maintenance and assembly operations. Heavy duty and easy grip versions for engineering and light industrial use.

EC-2720 Heavy Duty Long Nose Riveter

A versatile variation of the 2730, with an extra long nose to facilitate access in recessed situations such as corrugated sheet. Supplied with 4 interchangeable noses.



Part No.	For use with rivet sizes:	Pack Qty.
EC-2720	3.2mm, 4.0mm, 4.8mm	1

EC-2730 Heavy Duty Riveter

Professional heavy duty riveter, best suited to engineering and maintenance projects. Supplied with 3 interchangeable noses.



Part No.	For use with rivet sizes:	Pack Qty.
EC-2730	3.2mm, 4.0mm, 4.8mm	1

Riveter Spare Nose Bush Kits

Spare nose kits for use with 2720 & 2730 Riveter

Part No.	Description	For use with rivet sizes:
EC-2738A	Kit 1-5x72HD12A	3.2mm
EC-2738B	Kit 2-5x72HD13A	4.0mm
EC-2738C	Kit 3-5x72HD14	4.8mm

Spare Jaw Kits

Part No.	Description
EC-2738	Pack of 5 jaws to suit models: 2720 & 2730

Riveter Repair Kits

Part No.	Description
EC-2739	Repair kit for 2730, 2720



EG-2061 DIY Riveter Kit

General purpose riveter, equipped with 4 interchangeable noses.

Cast alloy body, with slip guarded comfort handles. NOT suitable for stainless steel rivets.



Part No.	For use with rivet sizes:	Pack Qty.
EG-2061	2.4mm, 3.2mm, 4.0mm, 4.8mm	12

Compact Series

MORE POWER
LESS EFFORT



Riveters

Threaded insert Tools Compact Series

EC-2745C Compact Threaded Insert Tool Kit (M3-M10)

The Compact Series has been developed to complement the more traditional range. Easily sets up to M10 Nutserts with more power and less effort than traditional Insert Tools. Allows thin sheet nutserts to be placed quickly and easily by hand. They are invaluable to Plant and Maintenance Engineers, and also for DIY, for simple assembly of threaded inserts or anchor nuts.

- Easily sets up to M10 Nutserts with more power and less effort than Traditional Insert Tools
- Creates a strong, permanent and reliable threaded fixing for use with bolts, studs and screws etc.
- Ideal for inserting threaded nuts into steel, aluminium, plastic and wood
- Suitable for steel, stainless steel and aluminium nutserts
- Steel body, Chrome Molybdenum alloy steel mandrels and reinforced 2mm heat treated Carbon steel handles for strength and durability
- Features a knurled carbon steel knob to easily unload nutserts
- Small and compact. Ideal for restricted areas
- Ergonomic handles for extra comfort
- Requires access to only one side of the workpiece
- Colour coded mandrels for easy selection



Kit Contains:

- Threaded Insert Tool x 1
- Interchangeable Mandrels x 6: M3, M4, M5, M6, M8 and M10
- Multi-functional spanner x 1



Threaded Insert Nose Bush/Mandrel Conversion Kit

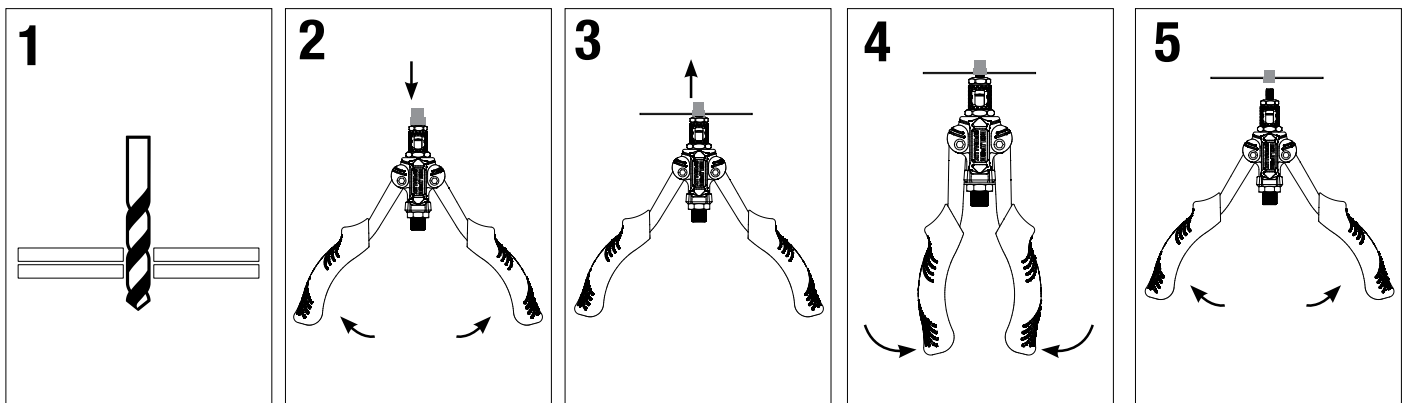
Part No.	Thread Size
EC-2745C-M3	M3 (3mm)
EC-2745C-M4	M4 (4mm)
EC-2745C-M5	M5 (5mm)
EC-2745C-M6	M6 (6mm)
EC-2745C-M8	M8 (8mm)
EC-2745C-M10	M10 (10mm)

*Typical drill hole sizes

Mandrel Sizes	Drill Sizes
M3	6.1mm
M4	6.5mm
M5	7.2mm
M6	9.6mm
M8	10.6mm
M10	13.1mm

*Check with nutsert supplier for appropriate hole size.

EC-2745C User instructions



1 Pre-drill appropriate size hole in the material to be inserted

2 Open the handles and fit nutsert onto mandrel

3 Insert tool into pre-drilled hole

4 Close the handles to set nut in position

5 Open the handles and turn the knob clockwise to unload the insert tool from the inserted nut

Threaded Insert Tools and spare parts for maintenance operations.

EC-2745 - Threaded Insert Setting Tool Kit

Boxed kit containing Threaded Insert Setting Tool and M4, M5, M6 and M8 threaded inserts.

Thin sheet setting tool designed to enable threaded nut inserts to be set easily by hand. Invaluable to maintenance engineers for on-the-spot repairs. Supplied in storage wallet complete with M4, M5, M6 and M8 nose bushes and mandrels.

- Insertion of permanent load bearing threads in materials from 0.5mm to 3.25mm
- Simple set up and easy uniform stroke allows a nutsert to be set in thin sheet materials without causing surface damage
- A comprehensive range of conversion kits and inserts are available
- One side application
- Flush mounting
- Permanent thread
- Moisture resistant
- Cost effective
- Strong
- Rapid
- Vibration resistant
- Portable



Insert Tool Spares

Threaded Insert Nose Bush/Mandrel Conversion Kit

Part No.	Thread Size	Pack Qty.
EC-CK3	M3 (3mm)	10
EC-CK4	M4 (4mm)	10
EC-CK5	M5 (5mm)	10
EC-CK6	M6 (6mm)	10
EC-CK8	M8 (8mm)	10

Treaded Inserts for EC-2745C & EC-2745

Part No.	Thread Size	Pieces Per Pack	Qty.
EC-TIM3	M3 (3mm)	25	10
EC-TIM4	M4 (4mm)	25	10
EC-TIM5	M5 (5mm)	25	10
EC-TIM6	M6 (6mm)	25	10
EC-TIM8	M8 (8mm)	25	10
EC-TIM10	M10 (10mm)	25	10

Riveters

Treaded Insert Tools Traditional Series



Threaded Insert Grip Ranges

Part No.	Thread Size	Hole Size Ø	Plate Thickness Range
EC-TIM3	M3 (3mm)	6.0 - 6.2mm	0.5 - 1.5mm
EC-TIM4	M4 (4mm)	6.4 - 6.5mm	0.5 - 2.0mm
EC-TIM5	M5 (5mm)	7.1 - 7.2mm	0.5 - 2.5mm
EC-TIM6	M6 (6mm)	9.6 - 9.7mm	0.7 - 3.0mm
EC-TIM8	M8 (8mm)	10.6 - 10.7mm	0.8 - 3.0mm
EC-TIM10	M10 (10mm)	13.0 - 13.2mm	1.0 - 4.0mm

Material Zinc Plated Mild Steel



Available from all professional tool stockists

These products are guaranteed against defects in manufacturing, subject to wear and tear and the provision of reasonable care and maintenance.

This does not affect your statutory rights.

**CONTACT
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