Setting Tools
For POP® Rivets and POPNut® Threaded Inserts
POP® Rivet Setting Tools

From professional hand pliers to high capacity power tools, POP® rivet tools are reliable and lightweight, with a high force-to-weight ratio. They have been ergonomically designed and are easy to maintain.

Table of Contents

- Rivet Hand Tools 4
- Rivet Power Tools 6
- Riveting Systems 8
- Rivet Tool Accessories 10
1. Place the mandrel of the POP® rivet into the nosepiece of the setting tool.
2. Insert the POP® rivet body through the hole of the materials to be fastened.
3. Pull the trigger of the setting tool. The POP® Rivet body clamps the materials together and expands to form a secondary head on the blind side of the joint. The mandrel breaks at a pre-determined force.
4. The materials are now fastened together.

The POP® rivet installation sequence is simple.
Rivet Hand and Battery Tools

POP® hand tools. Durable and reliable. Ideal for a wide range of applications.

**TT55D**
Classic Hand Plier Rivet Tool

**PS15**
Hand Plier Rivet Tool

**PS25**
Lazy Tong Rivet Tool

<table>
<thead>
<tr>
<th>Tool</th>
<th>Article</th>
<th>Capacity:</th>
<th>Weight:</th>
<th>Length:</th>
</tr>
</thead>
<tbody>
<tr>
<td>TT55D</td>
<td>15370</td>
<td>2.4 - 4.0</td>
<td>0.4kg</td>
<td>229mm</td>
</tr>
<tr>
<td>PS15</td>
<td>17492</td>
<td>2.4 - 4.8</td>
<td>0.6kg</td>
<td>245mm</td>
</tr>
<tr>
<td>PS25</td>
<td>17496</td>
<td>3.0 / 3.2 - 6.4</td>
<td>2.4kg</td>
<td>Length closed: 305mm</td>
</tr>
</tbody>
</table>
**PS40**
Lever Rivet Tool

**PS45**
Telescopic Lever Rivet Tool

**MCS5800**
Li-Ion Battery Tool

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Professional standard
Lightweight, robust and ergonomic
Supplied with full capacity range of nosepieces
Supplied with nosepiece wrench

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**PS40 RIVET SETTING CAPACITY**

<table>
<thead>
<tr>
<th>Capacity: 3.0 / 3.2 - 6.4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight: 1.9kg</td>
</tr>
<tr>
<td>Length: 515mm</td>
</tr>
</tbody>
</table>

**PS45 RIVET SETTING CAPACITY**

<table>
<thead>
<tr>
<th>Capacity: 3.0 / 3.2 - 6.4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight: 2.6kg</td>
</tr>
<tr>
<td>Length: 490mm</td>
</tr>
<tr>
<td>Length extended: 665mm</td>
</tr>
</tbody>
</table>

**MCS5800 RIVET SETTING CAPACITY**

<table>
<thead>
<tr>
<th>Capacity: 3.0 / 3.2 - 4.8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight: 2.2kg</td>
</tr>
<tr>
<td>Length: 265mm</td>
</tr>
<tr>
<td>Height: 300mm</td>
</tr>
<tr>
<td>Tool Stroke: 20mm</td>
</tr>
</tbody>
</table>

---

Versatile, cordless tool for indoor or outdoor applications
High setting speed
Well balanced with optimum center of gravity
Supplied with full capacity range of nosepieces
Supplied with nosepiece wrench
**Rivet Power Tools**

**POP® pneumatic power tools. Setting a new standard.**

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**ProSet® 1600 MCS**  
Micro to Mid-Range Power Tool

**ProSet® 2500 MCS**  
Mid-Range Power Tool

**ProSet® 3400 MCS**  
High Capacity Power Tool

<table>
<thead>
<tr>
<th>ProSet® 1600 MCS</th>
<th>1600 RIVET SETTING CAPACITY</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Capacity:</strong> 2.0 - 4.0</td>
<td></td>
</tr>
<tr>
<td><strong>Weight:</strong> 1.05kg</td>
<td></td>
</tr>
<tr>
<td><strong>Length:</strong> 272mm</td>
<td></td>
</tr>
<tr>
<td><strong>Height:</strong> 227mm</td>
<td></td>
</tr>
<tr>
<td><strong>Tool Stroke:</strong> 18mm</td>
<td></td>
</tr>
<tr>
<td><strong>Pulling Force:</strong> 4850N @ 6.2 bar</td>
<td></td>
</tr>
<tr>
<td><strong>Force/Weight Ratio:</strong> 4.6kN/kg</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ProSet® 2500 MCS</th>
<th>2500 RIVET SETTING CAPACITY</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Capacity:</strong> 3.0 - 4.8</td>
<td></td>
</tr>
<tr>
<td><strong>Weight:</strong> 1.31kg</td>
<td></td>
</tr>
<tr>
<td><strong>Length:</strong> 304mm</td>
<td></td>
</tr>
<tr>
<td><strong>Height:</strong> 259mm</td>
<td></td>
</tr>
<tr>
<td><strong>Tool Stroke:</strong> 18mm</td>
<td></td>
</tr>
<tr>
<td><strong>Pulling Force:</strong> 9400N @ 6.2 bar</td>
<td></td>
</tr>
<tr>
<td><strong>Force/Weight Ratio:</strong> 7.18kN/kg</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ProSet® 3400 MCS</th>
<th>3400 RIVET SETTING CAPACITY</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Capacity:</strong> 3.2 - 6.4</td>
<td></td>
</tr>
<tr>
<td><strong>Weight:</strong> 2.00kg</td>
<td></td>
</tr>
<tr>
<td><strong>Length:</strong> 334mm</td>
<td></td>
</tr>
<tr>
<td><strong>Height:</strong> 316mm</td>
<td></td>
</tr>
<tr>
<td><strong>Tool Stroke:</strong> 26mm</td>
<td></td>
</tr>
<tr>
<td><strong>Pulling Force:</strong> 18500N @ 6.2 bar</td>
<td></td>
</tr>
<tr>
<td><strong>Force/Weight Ratio:</strong> 9.74kN/kg</td>
<td></td>
</tr>
</tbody>
</table>

---

Lightweight polymer construction  
High force-to-weight ratio  
Comfortable two finger activation  
Quick disconnect front end assembly and MCS  
Energy saving on/off, left or right swivel air fitting  
Spring return for reliable fast setting  
Available with MCS (pictured) or deflector

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**Article:** 13492

**Capacity:** 2.0 - 4.0

- **Weight:** 1.05kg
- **Length:** 272mm
- **Height:** 227mm
- **Tool Stroke:** 18mm
- **Pulling Force:** 4850N @ 6.2 bar
- **Force/Weight Ratio:** 4.6kN/kg

**Article:** 14063

**Capacity:** 3.0 - 4.8

- **Weight:** 1.31kg
- **Length:** 304mm
- **Height:** 259mm
- **Tool Stroke:** 18mm
- **Pulling Force:** 9400N @ 6.2 bar
- **Force/Weight Ratio:** 7.18kN/kg

**Article:** 63408

**Capacity:** 3.2 - 6.4

- **Weight:** 2.00kg
- **Length:** 334mm
- **Height:** 316mm
- **Tool Stroke:** 26mm
- **Pulling Force:** 18500N @ 6.2 bar
- **Force/Weight Ratio:** 9.74kN/kg
**MCS5250**  
In-Line Power Tool  

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**PRG510**  
Robust Power Tool

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**PRG540**  
Heavy Duty Power Tool

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**5250 RIVET SETTING CAPACITY**

<table>
<thead>
<tr>
<th>Capacity</th>
<th>2</th>
<th>2.4</th>
<th>3.0/12</th>
<th>4.0</th>
<th>4.8</th>
<th>6.4</th>
</tr>
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</table>

**PRG510 RIVET SETTING CAPACITY**

<table>
<thead>
<tr>
<th>Capacity</th>
<th>2</th>
<th>2.4</th>
<th>3.0/12</th>
<th>4.0</th>
<th>4.8</th>
<th>6.4</th>
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</thead>
</table>

**PRG540 RIVET SETTING CAPACITY**

<table>
<thead>
<tr>
<th>Capacity</th>
<th>2</th>
<th>2.4</th>
<th>3.0/12</th>
<th>4.0</th>
<th>4.8</th>
<th>6.4</th>
</tr>
</thead>
</table>

In-Line tool for suspension and POP® riveting in a vertical plane  
Supplied with MCS5000 remote vacuum mandrel collector

- Fully pneumatic
- Simple and effective
- High tensile aluminium casting

- Strong and durable
- High tensile aluminium casting

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**MC55250**  
In-Line Power Tool

- **Capacity:** 3.0 - 4.8
- **Weight:** 1.8kg
- **Length:** 397mm
- **Width:** 113mm
- **Tool Stroke:** 15.87mm
- **Pulling Force:** 7.56kN

---

**PRG510**  
Robust Power Tool

- **Capacity:** 2.4 - 4.0
- **Weight:** 1.8kg
- **Length:** 166mm
- **Height:** 293mm
- **Tool Stroke:** 15.87mm
- **Pulling Force:** 4.48kN

---

**PRG540**  
Heavy Duty Power Tool

- **Capacity:** 2.4 - 6.4
- **Weight:** 2.2kg
- **Length:** 230mm
- **Height:** 293mm
- **Tool Stroke:** 17.4mm
- **Pulling Force:** 14.2kN

---

**MCS5250**  
In-Line Power Tool

- **Capacity:** 3.0 - 4.8
- **Weight:** 1.8kg
- **Length:** 397mm
- **Width:** 113mm
- **Tool Stroke:** 15.87mm
- **Pulling Force:** 7.56kN

---

**PRG510**  
Robust Power Tool

- **Capacity:** 2.4 - 4.0
- **Weight:** 1.8kg
- **Length:** 166mm
- **Height:** 293mm
- **Tool Stroke:** 15.87mm
- **Pulling Force:** 4.48kN

---

**PRG540**  
Heavy Duty Power Tool

- **Capacity:** 2.4 - 6.4
- **Weight:** 2.2kg
- **Length:** 230mm
- **Height:** 293mm
- **Tool Stroke:** 17.4mm
- **Pulling Force:** 14.2kN

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- **Capacity:** 3.0 - 4.8
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- **Width:** 113mm
- **Tool Stroke:** 15.87mm
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- **Capacity:** 2.4 - 4.0
- **Weight:** 1.8kg
- **Length:** 166mm
- **Height:** 293mm
- **Tool Stroke:** 15.87mm
- **Pulling Force:** 4.48kN

---

**PRG540**  
Heavy Duty Power Tool

- **Capacity:** 2.4 - 6.4
- **Weight:** 2.2kg
- **Length:** 230mm
- **Height:** 293mm
- **Tool Stroke:** 17.4mm
- **Pulling Force:** 14.2kN
Riveting Systems

POP® rivet setting systems. Increase the efficiency of your production line.

**Multi-Head**
Multiple Rivet Setting Workstations

- Purpose built with multiple setting heads
- Designed for individual customer needs
- Simultaneous rivet setting saves time
- Foot operated trigger frees both hands for rivet loading and manoeuvering assembly
- High reliability minimises downtime
- Integral mandrel collection keeps workspace tidy

**Rivet Presenter**
Rotary Bowl Rivet Feeding System

- Facilitates single handed, high speed riveting and setting
- To be used in conjunction with any ProSet® Rivet Power tool (MCS Version)
- Feeder bowl has capacity for up to 1000 rivets
- Rivet is automatically loaded into the front of the tool when the tool is inserted into the receptacle at the front of the Rivet Presenter
- Easy to refill
- Ideal for “white glove” environments

**MCS5000**
Remote Mandrel Collector

- Holds up to 8500 spent mandrels
- Promotes easy removal and recycling of scrap mandrels

---

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>10.4kg</td>
</tr>
<tr>
<td>Length</td>
<td>546mm</td>
</tr>
<tr>
<td>Height</td>
<td>336mm</td>
</tr>
<tr>
<td>Width</td>
<td>222mm</td>
</tr>
<tr>
<td>Working Air Pressure</td>
<td>5.8 bar</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>2.2kg</td>
</tr>
<tr>
<td>Height</td>
<td>414mm</td>
</tr>
<tr>
<td>Diameter</td>
<td>527mm</td>
</tr>
<tr>
<td>Air Consumption</td>
<td>317 litres/min</td>
</tr>
<tr>
<td>Max. Tube Length</td>
<td>4.5m</td>
</tr>
<tr>
<td>Max. Rise</td>
<td>1.8m</td>
</tr>
<tr>
<td>Max. Mandrel Length</td>
<td>50mm</td>
</tr>
</tbody>
</table>
Rivet Tool Accessories

Corner heads and front end kits.
For restricted access.

**PRH830**
- Weight: 0.31kg
- Capacity: up to 3.2mm
- **For use with:**
  - ProSet® 2500
  - PRG510
  - PRG540
  - Adaptor Kit: 18731
  - Adaptor Kit: 18490
  - Adaptor Kit: 19488

**PRH840**
- Weight: 0.5kg
- Capacity: up to 4.8mm
- **For use with:**
  - ProSet® 2500
  - ProSet® 3400
  - PRG510
  - PRG540
  - Adaptor Kit: 18737
  - Adaptor Kit: 18750
  - Adaptor Kit: 19153
  - Adaptor Kit: 19145

**PRH850**
- Weight: 0.76kg
- Capacity: up to 6.4mm
- **For use with:**
  - ProSet® 2500
  - PRG510
  - PRG540
  - Adaptor Kit: 18731
  - Adaptor Kit: 19490
  - Adaptor Kit: 19488

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**Article:** 19480

**Article:** 19024

**Article:** 19240
Rivet Tool Accessories

Corner heads and front end kits. For restricted access.

Front End Kits

ProSet® 1600
Extended front end for deep applications
Capacity: 2.4 - 4.0mm
Article: 13495

ProSet® 2500
Extended front end for deep applications
Capacity: 3.0 - 4.8mm
Article: 13163

ProSet® 2500
Reduced diameter extended front end for narrow applications
Capacity: 3.0 - 4.0mm
Article: 13164

ProSet® 3400
Extended front end for deep applications
Capacity: 3.2 - 6.4mm
Article: 13172
**POP® Nosepieces**

Recommended nosepieces for all rivet tools.

### POP® Rivet Power Tools

<table>
<thead>
<tr>
<th>Article</th>
<th>Nosepieces</th>
<th>Rivet Type</th>
<th>Riv Dia</th>
<th>PrSet¹</th>
<th>PRG</th>
<th>PrSet¹</th>
<th>PrSet¹</th>
<th>PrG</th>
<th>TriSet¹</th>
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</thead>
<tbody>
<tr>
<td>15801*</td>
<td>PRN214</td>
<td>Open</td>
<td>2.00</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>15795*</td>
<td>PRN314</td>
<td>Open</td>
<td>2.40</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>16216</td>
<td>PRN414</td>
<td>Open</td>
<td>2.80 - 3.20</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>16214</td>
<td>PRN514</td>
<td>Open</td>
<td>4.00</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>17623</td>
<td>PRN614</td>
<td>Open</td>
<td>4.80</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>16546</td>
<td>PRN811</td>
<td>Open</td>
<td>6.40</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>16213</td>
<td>PRN424</td>
<td>Closed: Aluminium / Steel mandrel</td>
<td>3.20</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>16215</td>
<td>PRN524</td>
<td>Closed: Aluminium / Steel mandrel</td>
<td>4.00</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>17598</td>
<td>PRN624</td>
<td>Open &amp; Closed: Aluminium / Steel mandrel</td>
<td>4.80</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>16547</td>
<td>PRN822</td>
<td>Open &amp; Closed: Aluminium / Steel mandrel</td>
<td>6.40</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
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<tr>
<td>16548</td>
<td>PRN434</td>
<td>Closed: Aluminium / Aluminium mandrel</td>
<td>3.20</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>17597</td>
<td>PRN534</td>
<td>Closed: Aluminium / Aluminium mandrel</td>
<td>4.00</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>16549</td>
<td>PRN634</td>
<td>Closed: Aluminium / Aluminium mandrel</td>
<td>4.80</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
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<tr>
<td>16490</td>
<td>PRN625</td>
<td>T-Rivet</td>
<td>4.80</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
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<tr>
<td>16491</td>
<td>PRN825</td>
<td>T-Rivet</td>
<td>6.40</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>19422</td>
<td>PRN4HR</td>
<td>HR</td>
<td>3.20</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
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</tr>
<tr>
<td>19423</td>
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<tr>
<td>19424</td>
<td>PRN6HR</td>
<td>HR</td>
<td>4.80</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
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<tr>
<td>15046</td>
<td>N-406</td>
<td>Ultra-Grip</td>
<td>4.80</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
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<tr>
<td>19496</td>
<td>N-407</td>
<td>Ultra-Grip</td>
<td>6.40</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>42257</td>
<td>PRN6PS</td>
<td>H5</td>
<td>6.40</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
</tbody>
</table>


- ● Nosepiece supplied with tool
- ● Recommended nosepiece, supplied separately

### POP® Rivet Hand Tools

<table>
<thead>
<tr>
<th>Article</th>
<th>Nosepieces</th>
<th>Rivet Type</th>
<th>Riv Dia</th>
<th>TT55D</th>
<th>PS15</th>
<th>PS25</th>
<th>PS40</th>
<th>PS45</th>
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<tbody>
<tr>
<td>15371</td>
<td>TT55 Nosepiece 3/32</td>
<td>Open</td>
<td>2.40</td>
<td>●</td>
<td>●</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>15372</td>
<td>TT55 Nosepiece 1/8</td>
<td>Open and Closed</td>
<td>2.80 - 3.20</td>
<td>●</td>
<td>●</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15373</td>
<td>TT55 Nosepiece 5/32</td>
<td>Open and Closed</td>
<td>4.00</td>
<td>●</td>
<td>●</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12213</td>
<td>DPM400-A08</td>
<td>Open</td>
<td>2.40</td>
<td>●</td>
<td>●</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>12214</td>
<td>DPM400-B08</td>
<td>Open and Closed</td>
<td>2.80 - 3.20</td>
<td>●</td>
<td>●</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>12216</td>
<td>DPM400-C08</td>
<td>Open and Closed</td>
<td>4.00</td>
<td>●</td>
<td>●</td>
<td></td>
<td></td>
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<tr>
<td>12218</td>
<td>DPM400-D08</td>
<td>Open and Closed</td>
<td>4.8 - 5.0</td>
<td>●</td>
<td>●</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12215</td>
<td>DPM400-B10</td>
<td>Open and Closed</td>
<td>2.80 - 3.20</td>
<td>●</td>
<td>●</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12217</td>
<td>DPM400-C10</td>
<td>Open and Closed</td>
<td>4.00</td>
<td>●</td>
<td>●</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>12219</td>
<td>DPM400-D10</td>
<td>Open and Closed</td>
<td>4.8 - 5.0</td>
<td>●</td>
<td>●</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>12220</td>
<td>DPM400-E10</td>
<td>Open</td>
<td>6.00</td>
<td>●</td>
<td>●</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>12221</td>
<td>DPM400-F10</td>
<td>Open and Closed</td>
<td>6.40</td>
<td>●</td>
<td>●</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>49952</td>
<td>DPM400-DUG</td>
<td>Ultra-Grip</td>
<td>4.80</td>
<td>●</td>
<td>●</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>49953</td>
<td>DPM400-FUG</td>
<td>Ultra-Grip</td>
<td>6.40</td>
<td>●</td>
<td>●</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- ● Nosepiece supplied with tool
- ● Recommended nosepiece, supplied separately

### POP® Rivet Battery Tool

<table>
<thead>
<tr>
<th>Article</th>
<th>Nosepieces</th>
<th>Rivet Type</th>
<th>Riv Dia</th>
<th>MCS 5800</th>
</tr>
</thead>
<tbody>
<tr>
<td>15709</td>
<td>MCS5800-14</td>
<td>Open &amp; Closed / Steel mandrel</td>
<td>2.40 - 3.20</td>
<td>●</td>
</tr>
<tr>
<td>15711</td>
<td>MCS5800-15</td>
<td>Open: all materials</td>
<td>2.80 - 3.20</td>
<td>●</td>
</tr>
<tr>
<td>15713</td>
<td>MCS5800-16</td>
<td>Open &amp; Closed: Alu / Steel mandrel*</td>
<td>3.20 - 4.00</td>
<td>●</td>
</tr>
<tr>
<td>15716</td>
<td>MCS5800-16</td>
<td>Open &amp; Closed / Aluminium mandrel</td>
<td>4.0</td>
<td>●</td>
</tr>
<tr>
<td>15715</td>
<td>MCS5800-17</td>
<td>Open &amp; Closed / Steel mandrel*</td>
<td>4.0</td>
<td>●</td>
</tr>
<tr>
<td>15717</td>
<td>MCS5800-18</td>
<td>Open &amp; Closed: all materials</td>
<td>4.8/5.0</td>
<td>●</td>
</tr>
</tbody>
</table>

- ● Nosepiece supplied with tool
- ● Recommended nosepiece, supplied separately

A further selection of nosepieces are available for MCS5800, please refer to POP® Tools Spares Guide.

* Use this nosepiece for Grooved, Multigrip and pure aluminium open rivets in 3.2mm diameter.

Further tool / nosepiece configurations may be possible for the rivet you have selected. Please contact Emhart for further technical advice.

Open rivets incorporate: Break Stem Open, Vgrip®, LSR, MGR, FSR, Peel, Grooved and STR rivet types

Closed rivets incorporate: Closed end and TVD rivet types

emhart.eu
### POP® Rivet Range
All from one source.
POP® Rivet and Tools – the perfect combination.

#### Break Stem Open
General purpose open rivet available in wide range of materials and head styles. Suitable for applications with normal load bearing requirements.

#### Vgrip™
High performance, Multi-Grip rivet with excellent claim properties and a wide blind side spread. Also features a positively retained mandrel head and grooved stem for optimum tool jaw life.

#### Closed End
Designed with a completely closed body, this rivet is ideal for applications that need to be water/pressure tight or where mandrel retention is paramount.

#### LSR (Load Spreading Rivet)
Load spreading characteristics make this rivet ideal for use in vulnerable, friable and the softest of materials.

#### MGR (Multi-Grip Rivet)
The Multi-Grip rivet is designed to accommodate a wider grip range than other rivets allowing for lower inventory levels. Also provides good, rattle free, joint construction even in irregular holes.

#### FSR (Flush Setting Rivet)
Open rivet that sets flush on both sides of the application when set into a double countersunk hole. This space saving rivet offers near zero protrusion and eliminates loose mandrels.

#### Peel
Ideal for joining softer and more brittle materials such as plastics, rubber, wood, GFRP or laminates.
TVD
This unique closed end stainless steel range provides additional support to assemblies where weak or thin blind side materials are present.

T-Rivet
The T-Rivet offers all the features of a peel rivet with the added benefit of pull-up. Improved shear strength is also achieved due to mandrel head retention after setting.

HS (High Strength)
The POP® rivet with the strength of an M6 Bolt also provides excellent claim properties, a positively retained mandrel head and wide blind side expansion.

HR (High Retention)
Exceptional pull-up capability and increased blind side expansion give the perfect combination for overcoming air gaps whilst spreading the load during setting. Excellent mandrel retention and rattle resistance after setting.

Grooved
Aluminium rivet for fixing into wood and other soft/fibrous base materials. Suitable for use in blind non-through holes.

STR
This steel rivet has a peeling body ideal for use in wood and providing high resistance to pull out loads and mandrel head retention.

Ultra-Grip
Ultra-Grip (UG) Structural POP® Rivets offer high shear strength across wide grip ranges. The product also features excellent pull-up capability, provides hole filling and the resultant set product is rattle free.
POPNut®

Threaded Insert Setting Tools

POPNut® setting tools give you the most up-to-date features to provide you with excellent setting performance. Compact and lightweight, reliable and easy to use, our tools offer optimum performance, whatever your application.

Threaded Insert Hand Tools 16
Threaded Insert Power Tools 18
Range Guide 20
The POPNut® installation sequence is simple.

1. Push the POPNut® on the tool mandrel and it automatically spins on.
2. Place the POPNut® in the hole in the parent material.
3. Pull the trigger on the tool. The POPNut® collapses and forms a flange on the back side of the parent material. The tool automatically reverses and unthreads from the POPNut®.
4. Attach the mating part with a bolt and tighten.
Threaded Insert Hand Tools

POPNut® hand tools. Ideal for light engineering work, maintenance and repair.

**PNT110**
Hand Plier Tool

**PNT210**
Ratchet Tool

<table>
<thead>
<tr>
<th><strong>PNT110 SETTING CAPACITY</strong></th>
<th><strong>PNT210 SETTING CAPACITY</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ALUMINIUM</strong></td>
<td><strong>ALUMINIUM</strong></td>
</tr>
<tr>
<td><strong>STEEL</strong></td>
<td><strong>M4 - M12</strong></td>
</tr>
<tr>
<td><strong>STAINLESS STEEL</strong></td>
<td><strong>M4 - M12</strong></td>
</tr>
<tr>
<td>M3 - M6</td>
<td>M4 - M12</td>
</tr>
<tr>
<td>M3 - M5</td>
<td>M4 - M12</td>
</tr>
<tr>
<td>M3 - M5</td>
<td>M4 - M12</td>
</tr>
</tbody>
</table>

- Professional standard
- Lightweight, strong design
- Adjustable mandrel protrusion
- Quick change mandrel and nosepiece
- Supplied with full capacity range of mandrels and nosepieces

**Article: 43111**

- **Weight:** 0.8kg
- **Length:** 240mm

**Article: 43112**

- **Weight:** 1.3kg
- **Length:** 210mm
**PNT310**
Spindle Lever Tool

- **PNT310 SETTING CAPACITY**
  - **ALUMINIUM**: M4 - M12
  - **STEEL**: M4 - M10
  - **STAINLESS STEEL**: M4 - M8

- Professional standard
- Lightweight, strong design
- Adjustable mandrel protrusion
- Quick change mandrel and nosepiece
- Supplied with full capacity range of mandrels and nosepieces

**Weight:** 2.4kg  
**Length:** 555mm

**PNT410**
Lever Tool

- **PNT410 SETTING CAPACITY**
  - **ALUMINIUM**: M5 - M12
  - **STEEL**: M5 - M10
  - **STAINLESS STEEL**: M5 - M10

**Weight:** 2.1kg  
**Length:** 580mm
Threaded Insert Power Tools and Systems

POPNut® power tools. Stroke or pneumatic control to suit your production environment.

### PNT800L-PC
Pneumatic Control Tool

<table>
<thead>
<tr>
<th>Material</th>
<th>Setting Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>aluminium</td>
<td>M6 - M10</td>
</tr>
<tr>
<td>steel</td>
<td>M4 - M10</td>
</tr>
<tr>
<td>stainless steel</td>
<td>M4 - M10</td>
</tr>
</tbody>
</table>

- Pneumatic control (PC) function automatically selects optimum stroke
- Fast cycle time as optimum stroke always delivered
- Automatic mandrel spin on for fast insert loading
- Quick change mandrel and nosepiece
- Lightweight, compact structure
- Single trigger pull for setting and reverse

**Specifications:**
- **Weight:** 1.81kg
- **Length:** 287mm
- **Height:** 268mm
- **Tool Stroke:** 1.3 - 6.5mm
- **Working Air Pressure:** 4.9 - 5.9 bar

---

### PNT1000L-PC
Pneumatic Control Tool

<table>
<thead>
<tr>
<th>Material</th>
<th>Setting Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>aluminium</td>
<td>M6 - M12</td>
</tr>
<tr>
<td>steel</td>
<td>M6 - M12</td>
</tr>
<tr>
<td>stainless steel</td>
<td>M6 - M12</td>
</tr>
</tbody>
</table>

- Pneumatic control (PC) function automatically selects optimum stroke
- Fast cycle time as optimum stroke always delivered
- Automatic mandrel spin on for fast insert loading
- Quick change mandrel and nosepiece
- Lightweight, compact structure
- Single trigger pull for setting and reverse

**Specifications:**
- **Weight:** 2.77kg
- **Length:** 315mm
- **Height:** 295mm
- **Tool Stroke:** 1.3 - 10.5mm
- **Working Air Pressure:** 4.9 - 5.9 bar

---

**Article:** 42709
**Article:** 42708
**PNT800A**

Pneumatic-Hydraulic Stroke Tool

<table>
<thead>
<tr>
<th>Material</th>
<th>M3 - M10</th>
<th>M3 - M10</th>
<th>M3 - M8</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ALUMINIUM</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>STEEL</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>STAINLESS STEEL</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Spin-pull pneumatic hydraulic tool  
Automatic mandrel spin on for fast insert loading  
Quick change mandrel and nosepiece  
Simple stroke adjustment gauge  
Lightweight, compact structure  
Single trigger pull for setting and reverse

**Weight:** 1.68kg  
**Length:** 288mm  
**Height:** 263mm  
**Tool Stroke:** 1.3 - 6.5mm  
**Working Air Pressure:** 4.9 - 5.9 bar

---

**POP® Counter System**

Simple-to-use Batch Counter

Simple “key set” display  
Counts each tool trigger pull  
Batch complete indicator  
Automatic air cut-off at batch complete point  
Assists operator accuracy  
Supports the quality assurance of the assembly process  
Helps ensure the correct number of threaded inserts has been set

**Weight:** 5kg  
**Height:** 200mm  
**Width:** 200mm  
**Depth:** 120mm  
**Max. Batch Quantity:** 999
POPNut® Range

All from one source. POPNut® Threaded Inserts and Tools – the perfect combination.

<table>
<thead>
<tr>
<th></th>
<th>Aluminium</th>
<th>Steel</th>
<th>Stainless Steel</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Open End</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flat Head</td>
<td>Round</td>
<td>Round</td>
<td>Round</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Linear Knurls</td>
<td>Round</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Hexagonal</td>
<td>Semi-Hexagonal</td>
</tr>
<tr>
<td>Countersunk Head</td>
<td>❌</td>
<td>❌</td>
<td>❌</td>
</tr>
<tr>
<td>Reduced Head</td>
<td>❌</td>
<td>❌</td>
<td>❌</td>
</tr>
</tbody>
</table>

| **Closed End** |           |                |                 |
| Flat Head      | ❌        | ❌              | ❌               |
| Countersunk Head| ❌        | ❌              | ❌               |
| Reduced Head   | ❌        | ❌              | ❌               |

* Metric and Imperial ranges available
† Semi-Hexagonal also available
POP® Tool Service Centres

Expert service and repair available from a network of approved service centres across Europe.

If you have invested in a POP® Tool then be assured that there is a network of highly experienced and competent POP® Tool Service Centres around Europe to support you.

To find your local Service Centre visit emhart.eu and select ‘POP® Tool Service Centre’ as your product line in the ‘Find your distributor’ page.
Tools Spares Guide

The complete range of spare parts.
Available for POP® and POPNut® tools.

The POP® Tools Spares Guide is a users and buyers manual which assists in the identification of required spare parts.

Throughout the guide you will find:-

Exploded Views
Each tool listed is accompanied by an annotated exploded diagram to assist in the easy identification of the required spare part.

Front End Selection Guidance
On every tool page the first table groups together the essential components to construct the correct front end, to set the required size of rivet or threaded insert.

Wear and Spare Parts Identified
In each tool table, wear and spare parts are identified in the part type column. This feature will aid you in choosing the correct stock profile.

Common Parts Listed
A table is provided which highlights spare parts that are shared by more than more than one tool. This will prevent unnecessary replication of parts within your inventory.

Emhart Media Library
Visit the Emhart Media Library, emhartmedia.com, to download:
• Tool Maintenance Manuals
• Tool Catalogues and Information
• Tool Images
Experience in manufacture – over 100 years
With over 100 years experience in the design and manufacture of assembly technology, Emhart remains a company infused with the spirit and culture of quality and innovation.

Multiple customers served in many diverse sectors
Emhart serves customers in many different sectors who have vastly different manufacturing environments; from repair and maintenance, site work, medium production lines and then to highly sophisticated automated production lines. Our fastening systems offer the perfect assembly solutions for them all.

Extensive product portfolio
Emhart’s wide portfolio of fasteners includes POP® Rivets, POPNut® Threaded Inserts, hand and power setting tools and semi-automation systems, plus Tucker® Stud Welding and plastics. We are constantly reviewing and improving our products to offer the best assembly features in the market today.

Design and engineering in partnership
From design...to prototype...to manufacture. Where a specialist solution is required our experienced design team are on hand to work in partnership with your engineers to develop bespoke assembly solutions.

Technical expertise
Emhart offers full customer support by providing extensive technical training for our setting tools and Stud Welding systems. We can also perform a full review of your assembly line techniques to help your facility to optimum production output.

Marketing support for our distributors
We support our network of experienced distributors by providing quality products, technical training and marketing support items.

Quality Accreditations
Maintaining a high level of quality is an absolute priority for Emhart. From the control of incoming goods to intermediate tests within manufacturing to the final quality tests and delivery to the customer, quality management is the central theme. Emhart is accredited to TS16949, ISO9001, ISO14001.

Visit our new website emhart.eu for the latest news, literature, application advice, online interactive product catalogues and much more.