

# POP NUT™

## Manual & Power Tools



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The NEW range of POP NUT™ Manual Tools is ideal for a wide range of applications including light engineering work, site work and repair & maintenance.

All POP NUT™ Manual tool models have been designed to offer the professional the best features available in the market today.



### Maximum Threaded Insert Capacity

| Tool Model | Description           | 6-32<br>(M3) | 8-32<br>(M4) | 10-24<br>10-32<br>(M5) | 1/4-20<br>(M6) | 5/16-18<br>(M8) | 3/8-16<br>(M10) | 1/2-13<br>(M12) |
|------------|-----------------------|--------------|--------------|------------------------|----------------|-----------------|-----------------|-----------------|
| PNT110     | Hand Plier Tool       | ● ● ●        | ● ● ●        | ● ● ●                  | ● ●            |                 |                 |                 |
| PNT210     | Ratchet Tool          | ● ● ●        | ● ● ●        | ● ● ●                  | ● ● ●          | ● ● ●           | ● ● ●           | ● ● ● *         |
| PNT310     | Lever Tool            | ● ● ●        | ● ● ●        | ● ● ●                  | ● ● ●          | ● ● ●           | ● ●             | ●               |
| PNT410     | Heavy Duty Lever Tool | ● ● ●        | ● ● ●        | ● ● ●                  | ● ● ●          | ● ● ●           | ● ● ●           | ● ●             |
| PNT800A    | Power Tool            | ● ● ●        | ● ● ●        | ● ● ●                  | ● ● ●          | ● ● ●           | ● ●             |                 |
| PNT1000L   | Power Tool            |              |              |                        | ● ● ●          | ● ● ●           | ● ● ●           | ● ●             |

- Aluminum
- Steel
- Stainless Steel

All data applies to Open & Closed End Threaded Inserts.

\* Not available for 1/2-13; only for M12; maximum capacity is 3/8-16 for Stainless Steel.

# PNT110

## Hand Plier Tool

- Professional standard, robust cast aluminum and steel design
- Setting capacity up to 1/4" (M6) Steel and 10-24/10-32 (M5) Stainless Steel
- Supplied as a kit with Mandrels and Nosepieces  
Inch: 6-32, 8-32, 10-24, 10-32 & 1/4-20  
Metric: M3, M4, M5 & M6
- Optional Mandrels and Nosepieces available
- Quick-change mandrel and nosepiece design
- Adjustable mandrel protrusion
- Contoured handle grips for comfort
- Length: 9.6 in. (245 mm), Width: 1 in. (25 mm), Height: 4.2 in. (108 mm), Weight: 1.5 lb. (0.68 kg)
- Stroke: up to 0.31 in. (7.86 mm)



### Tool Kits

| Kit Part Number | Thread Sizes in Kit               | Nosepiece Type |
|-----------------|-----------------------------------|----------------|
| PNT110-IP       | 6-32, 8-32, 10-24, 10-32 & 1/4-20 | Piloted        |
| PNT110-I        | 6-32, 8-32, 10-24, 10-32 & 1/4-20 | Flat           |
| PNT110-MP       | M3, M4, M5 & M6                   | Piloted        |
| PNT110-M        | M3, M4, M5 & M6                   | Flat           |

*Note: Use piloted nosepieces for thin wall inserts and flat nosepieces for thick wall inserts.*

# POP NUT™

## PNT210

### Ratchet Tool



- Professional standard, heavy duty steel construction high capacity tool
- Setting capacity up to 3/8" (M12) Stainless Steel
- Supplied as a kit with Mandrels and Nosepieces  
Inch: 10-24, 10-32, 1/4-20, 5/16-18 & 3/8-16  
Metric: M6, M8, M10 & M12
- Optional Mandrels and Nosepieces available
- Quick-change mandrel and nosepiece design
- Stroke adjustment with scale display
- Adjustable mandrel protrusion
- Length: 8.3 in. (210 mm), Height: 6.2 in. (157 mm), Weight: 2.5 lb. (1.15 kg)

### Tool Kits

| Kit Part Number | Thread Sizes in Kit                     | Nosepiece Type |
|-----------------|---|----------------|
| PNT210-IP       | 10-24, 10-32, 1/4-20, 5/16-18, & 3/8-16 | Piloted        |
| PNT210-I        | 10-24, 10-32, 1/4-20, 5/16-18, & 3/8-16 | Flat           |
| PNT210-MP       | M6, M8, M10 & M12                       | Piloted        |
| PNT210-M        | M6, M8, M10 & M12                       | Flat           |

*Note: Use piloted nosepieces for thin wall inserts and flat nosepieces for thick wall inserts.*

# PNT310

## Lever Tool

- Lever tool for optimum pulling force
- Professional standard, heavy duty steel construction
- Setting capacity up to 3/8" (M10) Steel and 5/16" (M8) Stainless Steel and 1/2" (M12) Aluminum
- Supplied as a kit with Mandrels and Nosepieces  
Inch: 10-24, 10-32, 1/4-20, 5/16-18 & 3/8-16  
Metric: M5, M6, M8 & M10
- Optional Mandrels and Nosepieces available
- Quick-change mandrel and nosepiece design
- Quick-reverse spin arm for fast withdrawal from set inserts
- Stroke adjustment with scale display
- Adjustable mandrel protrusion
- Length: 22 in. (560 mm), Weight: 5.4 lb. (2.45 kg)



### Tool Kits

| Kit Part Number | Thread Sizes in Kit                     | Nosepiece Type |
|-----------------|---|----------------|
| PNT310-IP       | 10-24, 10-32, 1/4-20, 5/16-18, & 3/8-16 | Piloted        |
| PNT310-I        | 10-24, 10-32, 1/4-20, 5/16-18, & 3/8-16 | Flat           |
| PNT310-MP       | M5, M6, M8 & M10                        | Piloted        |
| PNT310-M        | M5, M6, M8 & M10                        | Flat           |

*Note: Use piloted nosepieces for thin wall inserts and flat nosepieces for thick wall inserts.*

# PNT410

## Heavy Duty Lever Tool

- Long lever tool for optimum pulling force
- Professional standard, heavy duty steel construction
- Patented cam increases mechanical advantage
- Setting capacity up to 1/2" (M12) Steel and 3/8" (M10) Stainless Steel
- Supplied as a kit with Mandrels and Nosepieces  
Inch: 10-24, 10-32, 1/4-20, 5/16-18, 3/8-16 & 1/2-13  
Metric: M5, M6, M8, M10 & M12
- Optional Mandrels and Nosepieces available
- Quick-change mandrel and nosepiece design
- Stroke adjustment with scale display
- Adjustable mandrel protrusion
- Length: 22.8 in. (580 mm), Weight: 4.5 lb. (2.05 kg)



### Tool Kits

| Kit Part Number | Thread Sizes in Kit                            | Nosepiece Type |
|-----------------|--|----------------|
| PNT410-IP       | 10-24, 10-32, 1/4-20, 5/16-18, 3/8-16 & 1/2-13 | Piloted        |
| PNT410-I        | 10-24, 10-32, 1/4-20, 5/16-18, 3/8-16 & 1/2-13 | Flat           |
| PNT410-MP       | M5, M6, M8, M10 & M12                          | Piloted        |
| PNT410-M        | M5, M6, M8, M10 & M12                          | Flat           |

*Note: Use piloted nosepieces for thin wall inserts and flat nosepieces for thick wall inserts.*

# POP NUT™

## POP NUT™ Power Tools

**POP NUT™ Power Tools** are designed and manufactured by Emhart Teknologies to be ergonomic, rugged and dependable. Our hydro/pneumatic PNT800A and PNT1000L tools offer speed, low noise, single trigger operation, visual stroke indicator and a quick change, long lasting mandrel system.

### PNT800A

#### Threaded insert setting tool

- Lightweight and compact spin-pull setting tool
- Automatic pressure sensor to spin insert onto the mandrel
- Single trigger pull for setting and spin off
- Stroke adjustment mechanism
- Can be used with counter-balance (clip ring provided)
- Quick-change mandrel and nosepiece design
- Swivel joint air connector
- Setting capacity up to 3/8" (M10) Steel and 5/16" (M8) Stainless Steel
- Length: 11.02 in. (280 mm), Height: 10.35 in. (263 mm), Weight: 3.7 lb. (1.68 kg)
- Pull Force 5260 lb. (23.4 kN)



### PNT1000L

#### Threaded insert setting tool

- Fast cycle time with single trigger action for setting and spin-off
- Automatic pressure sensor to spin insert onto the mandrel
- Single trigger pull for setting and spin off
- Stroke adjustment mechanism
- Suspension ring supplied for use with counter balance
- Quick change mandrel and nosepiece design
- Swivel joint air connector
- Setting capacity up to 1/2" (M12) Steel and 3/8" (M10) Stainless Steel
- Length: 12.60 in. (320 mm), Height: 10.87 in. (276 mm), Weight: 5.5 lb. (2.5 kg)
- Pull Force: 6070 lb. (27 kN)

Emhart Teknologies offers a full range of **POP NUT™** Threaded Inserts:



**POP NUT™ TK**

The POP NUT TK has a thin wall and round body. The thin head design allows the mating part to install nearly flush without a recess or dimple in the parent material.



**POP NUT™ TH**

The POP NUT TH has a thin wall and flat head. The hex body design provides excellent spin out in hex punched, laser cut or molded holes.



**POP NUT™ TL**

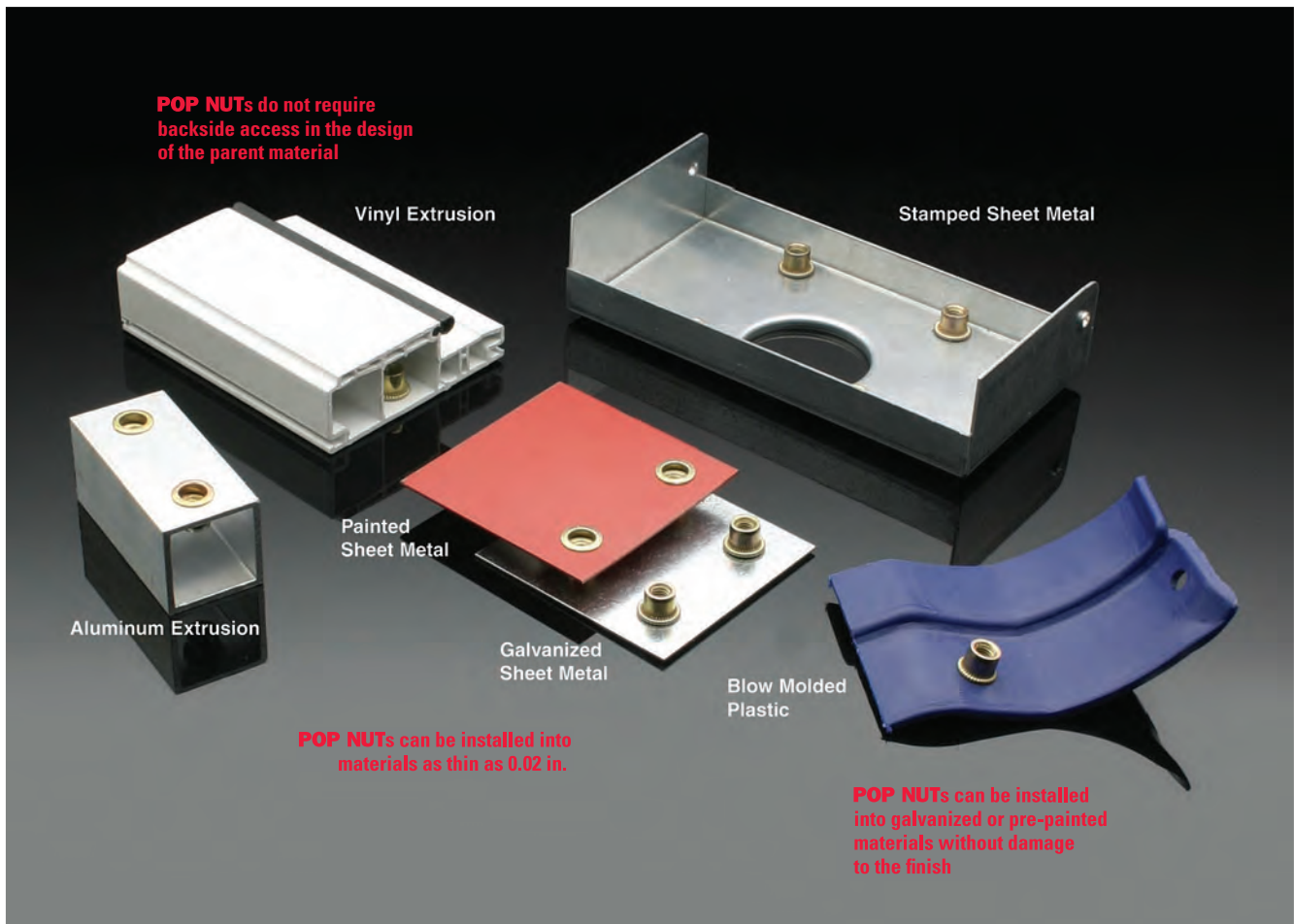
The POP NUT TL has a thin wall and flat head. The round knurled body design provides excellent spin out resistance in round drilled, punched or molded holes.



**POP NUT™ ST**

The POP NUT ST has a round body and flat head. The thick wall design is ideal for push out applications such as leg leveling screws.

**POP NUT™ Applications**



# **POP NUT™ tools and POP NUT™ threaded inserts**

## **Setting the standard in fastening solutions**

To maximize the performance of your **POP NUT™ Tool** -  
Always specify genuine **POP NUT™** threaded inserts.

Choose from the extensive range of **POP NUT™** products available.



Your Authorized POP® Distributor:

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