

POP NUT™

Manual & Power Tools



POP NUT™

POP NUT™ Manual & Power Tools

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 (M3)	8-32 (M4)	10-24 10-32 (M5)	1/4-20 (M6)	5/16-18 (M8)	3/8-16 (M10)	1/2-13 (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.

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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.

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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

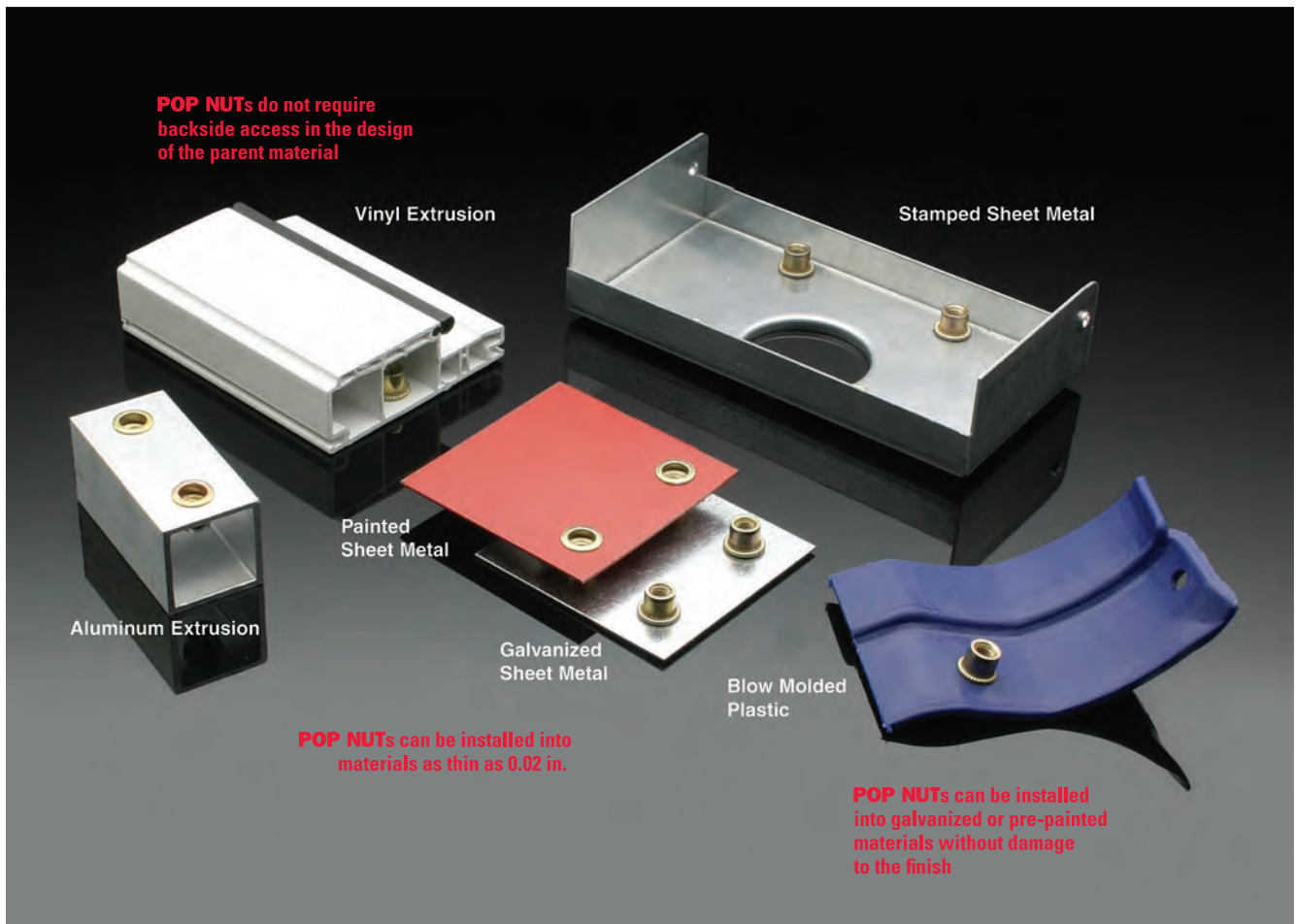
The POP NUT TL has a thin wall and flat head. The round knurled body design provides excellent spin out resistance in round drilled, punched or molded holes.



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.



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