

T3MAG

Gas Powered Tool

Gas Technology
 45 Pin Magazine
 One Step Fuel
 Injection



DESCRIPTION/SUGGESTED SPECIFICATIONS

Automatic Fastening System—

THE PREMIER FASTENING SYSTEM FOR THE COMMERCIAL DRYWALL CONTRACTOR

The nose of the T3 has been specifically engineered to allow the tool to easily reach into 1-5/8" x 2" deep track at any angle. The newly designed nosepiece, point collation, and patented pin-feed mechanism allows for easy fastening without jamming.



Point Collation virtually eliminates jams.

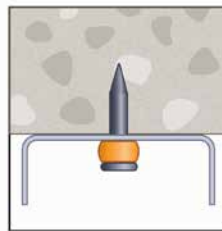
The T3 is ergonomically balanced for less operator fatigue. No more fumbling to get the tool into position with the "grip it & flip it" design.

ADVANTAGES

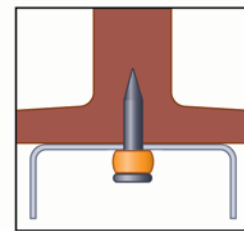
- Higher stick rate (.125 diameter)
- 25% more power
- Easy push down force
- Deep leg track capability
- 45-pin magazine capability
- Newly designed fitted dust shield
- Battery charger provides constant charging even with low voltage drops
- 2 Year Warranty (6 months on wearable parts).

T3MAG Increase Your Range with Overhead Power

The Power of the T3MAG allows you to consistently shoot where no other gas tool has gone before. The .125 diameter pin is specifically engineered to work in the toughest concrete and steel where other pins cannot perform. The new T3MAG system delivers power that rivals other gas and powder systems.



Setting aggregate is the biggest reason for overhead pin failure.



With the T3's 1/2 steel pin you can even shoot into the web of steel.

SPECIFICATIONS

Part No. T3MAG
 Length: 18-1/2"
 Height: 15"
 Weight: 9.2 lbs.
 Pin Guide O.D.: 590
 Fuel cell: 1000 shots
 Battery (charged): 3000 shots

SELECTION CHART

T3MAG Fuel/Pin Pack

1,000 PINS AND 1 FUEL CELL PER BOX.



PART NUMBER	SHANK LENGTH IN.	SHANK LENGTH (mm)	DESCRIPTION (comes with T3 fuel cell)
T3012S	1/2	(12.7)	1/2" Plated premium steel pin
T3034B	3/4	(19.1)	3/4" Black concrete pin
T3034S*	3/4	(19.1)	3/4" Plated step shank pin
T3100	1	(25.4)	1" Plated concrete pin=

Shank diameter = .125 *Shank diameter = .104 / .125
 Head diameter = .250

APPLICATIONS



Perfect for top track and deep leg track applications.



Shoot directly into the web of steel effortlessly.



Even though the T3 has enough power to fasten into hard concrete and steel it still will not blow through hollow block.



Perfect for hat channel applications.

APPROVALS/LISTING

ICC ESR 1955 - Fasteners

COLA RR-22668 - Fasteners

TOOL ACCESSORIES



Part No. T3FUEL
Fuel Cell—T3SS
Qty: 12 (6–2 packs)



Part No. B0092
Battery—T3SS
Qty: 1



Part No. 906001 (T3MAG v2)
Part No. B0237 (T3MAG)
Magnetic Disc Probe
Qty: 1



Part No. B0022
Battery Charger—T3SS
Qty: 1

PERFORMANCE TABLE

Gas Fasteners in Steel

PART NUMBER	SHANK DIA. (INCH)	TYPE OF SHANK	INSTALLED IN A36 STRUCTURAL STEEL – STEEL THICKNESS INCHES					
			ALLOWABLE LOAD – <i>Ultimate Load</i>					
			3/16 (.1875)		1/4 (.250)		3/8 (.375)	
		TENSION (LBS)	SHEAR (LBS)	TENSION (LBS)	SHEAR (LBS)	TENSION (LBS)	SHEAR (LBS)	
T3012S	0.125	TAPER SMOOTH	-----	-----	237 <i>1184</i>	356 <i>1782</i>	189 <i>943</i> ¹⁰	392 <i>1960</i> ⁷

Note 1: ALLOWABLE loads are shown in the **LARGE BOLD** font, *Ultimate* loads are shown in *smaller italic* font. **Note 2:** Testing conducted in accordance with ICC AC70 & ASTM E1190. **Note 3:** Safety factors are based on coefficient of variation. In accordance with ICC AC70, the safety factor will be no less than 5. **Note 4:** Cyclic, fatigue, shock loads and other design criteria may require a different safety factor. **Note 5:** Job site testing may be required to determine actual job site values. **Note 6:** Values shown are for fasteners that have the entire pointed end of the fastener driven through the steel plate; except as noted below. **Note 7:** Fastener penetration is .31" minimum. **Note 8:** Fastener penetration is .29" minimum. **Note 9:** Fastener penetration is .27" minimum. **Note 10:** Fastener penetration is .25" minimum. **Note 11:** For SI: 1 lbf = 4.448 N, 1 inch = 25.4 mm, 1 ksi = 6.89MPa

Collated Gas Fasteners in Concrete

PART NUMBER SERIES	SHANK DIAMETER (INCH)	MINIMUM PENETRATION (INCH)	INSTALLED IN STONE AGGREGATE CONCRETE – CONCRETE COMPRESSIVE STRENGTH					
			ALLOWABLE LOAD – <i>Ultimate Load</i>					
			2000 PSI		3000 PSI		4000 PSI	
		TENSION (LBS)	SHEAR (LBS)	TENSION (LBS)	SHEAR (LBS)	TENSION (LBS)	SHEAR (LBS)	
T3 Straight Shank	0.125	5/8	83 <i>414</i>	109 <i>611</i>	-----	-----	78 <i>426</i>	80 <i>574</i>
		3/4	107 <i>541</i>	156 <i>855</i>	-----	-----	104 <i>593</i>	195 <i>977</i>
PART NUMBER SERIES	SHANK DIAMETER (INCH)	MINIMUM PENETRATION (INCH)	INSTALLED IN STONE AGGREGATE CONCRETE – CONCRETE COMPRESSIVE STRENGTH					
			ALLOWABLE LOAD – <i>Ultimate Load</i>					
			3000 PSI LIGHT WEIGHT CONCRETE		3000 PSI LIGHT WEIGHT CONCRETE WITH METAL DECK		HOLLOW CONCRETE MASONRY UNITS (CMU) ANY LOCATION	
		TENSION (LBS)	SHEAR (LBS)	TENSION (LBS)	SHEAR (LBS)	TENSION (LBS)	SHEAR (LBS)	
T3 Straight Shank	0.125	5/8	84 <i>418</i>	108 <i>540</i>	72 <i>361</i>	242 <i>1210</i>	20 ⁹ <i>243</i>	34 <i>264</i>
		3/4	108 <i>540</i>	173 <i>864</i>	93 <i>470</i>	288 <i>1442</i>	-----	-----

Note 1: ALLOWABLE loads are shown in the **LARGE BOLD** font, *Ultimate* loads are shown in *smaller italic* font. **Note 2:** Testing conducted in accordance with ICC AC70 & ASTM E1190. **Note 3:** Safety factors are based on coefficient of variation. In accordance with ICC AC70, the safety factor will be no less than 5. **Note 4:** Values shown in concrete are for the fastener only. Connected members must be investigated separately. **Note 5:** Cyclic, fatigue, shock loads, and other design criteria may require a different safety factor. **Note 6:** Job site testing may be required to determine actual job site values. **Note 7:** Minimum edge distance in concrete is 3 inches unless otherwise approved. **Note 8:** For SI: 1 lbf = 4.448 N, 1 inch = 25.4 mm, 1 ksi = 6.89MPa. **Note 9:** T3 straight shank allowable tension value in face shell of hollow CMU is 133 lbs.