

T3 Single Shot Gas Powered Tool

Gas Technology
Single Pin Gas Tool
Fuel Injection
**Cross Over
Technology**



DESCRIPTION/SUGGESTED SPECIFICATIONS

Crossing Over from Powder to Gas— THE PREMIER FASTENING SYSTEM FOR THE ELECTRICAL CONTRACTOR

Ramset is serious when it comes to driving job speed by creating the T3SS—the single shot tool that will help move/contractors from powder to gas.



Easy battery loading.

Battery rest position allows you to turn off the tool without fully removing the battery.

The T3SS provides the benefits of shooting a gas tool, including reduced installation time and operator fatigue for the contractor who normally shoots a muzzle loaded powder tool.

To make the T3SS the most versatile gas tool in the industry, Ramset uses the newly developed Cross Over technology that allows users to change out nosepieces to accommodate any fastening need. From metal-to-concrete, hard concrete or steel, pan deck, block and just about surface you can think of the T3SS works for you.

ADVANTAGES

- Sets the standard for single shot applications
- 5 times faster than traditional drill and anchor methods
- Replaces the need for tools like the DX35
- Reduced operator fatigue
- Reduced installation costs—up to 75%
- Quiet enough to work in tenant occupied buildings
- Removable rear foot
- 2 Year Warranty (6 months on wearable parts).

Versatile! Safe! Fast! Quiet!

Safety Managers recommend the T3 because there's no licensing required.

- Lower Recoil Reduces Operator Fatigue
- Quieter than Drilling & Anchoring or Powder
- Eliminates Exposure to Concrete Dust (Silicosis)



No more fines for unspent loads on the jobsite.

MOST COMMON FASTENERS

PIN #	MOST COMMON APPLICATION
12HSMP034	1/2" One hole strap with 3/4" pin
MP034TH	3/4" Plated pin with top hat

See pages R 20 for all fasteners.

APPLICATIONS



12HSMP034 clip assembly used to secure conduit



MP034TH fastener used to attach a junction box

SPECIFICATIONS

Part No. T3SS

Length: 13-1/2"

Height: 15"

Weight: 7.0 lbs.

Pin Guide O.D.: 1/2" Standard, 7/8" Magnetic

Maximum Pin Length: 1-1/2"

Fuel cell: 1000 shots

Battery (charged): 3000 shots

APPROVALS/LISTING

ICC ESR-1799 - 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. M150200
Magnetic nose Piece
Qty: 1



Part No. B0022
Battery Charger-T3SS
Qty: 1

SELECTION CHART

One Hole Strap



Used to attach conduit or armored cable to concrete. Fastener pre-assembled to a 16 gage conduit strap. 100 per jar, 3/8" 200 per jar and 1-1/4" 25 per jar.

PART NUMBER	SHANK DIAMETER	HEAD DIAMETER	DESCRIPTION
38HSMP034	.104/.125	.300	3/8" Hole strap with 3/4" plated pin
12HSMP034	.104/.125	.300	1/2" Hole strap with 3/4" plated pin
34HSMP034	.104/.125	.300	3/4" Hole strap with 3/4" plated pin

Ceiling Clip Assembly



Pre-assembled Ceiling Clip. Plated 14 gage clip. 100 per jar.

PART NUMBER	SHANK DIAMETER	HEAD DIAMETER	DESCRIPTION
34CLIP	.104/.125	.300	3/4" Ceiling Clip Assembly

Selection Chart continued on R20

T3SS PERFORMANCE/SUBMITTAL

Ramset fasteners may be specified by their type or catalog number to satisfy fastening requirements.

SELECTION CHART

Tie Strap Holder



Used to install temporary lighting and secure low voltage cable to concrete, uses a standard cable tie up to 3/8" in width. Fastener pre-assembled to an 22 gage tie strap holder. 50 per jar.

PART NUMBER	SHANK DIAMETER	HEAD DIAMETER	DESCRIPTION
TSHMP034	.104/.125	.300	Tie strap holder with 3/4" plated pin

Top Hat Pin



Used for general purpose fastening to concrete. Plated pin with top hat. 200 per jar.

PART NUMBER	SHANK DIAMETER	HEAD DIAMETER	DESCRIPTION
MP034TH	.125	.300	3/4" Plated pin with top hat

PIN SPECIFICATIONS

- Made from AISI 1060-1065 steel. Austempered to a core hardness of 52-56 Rc
 Typical tensile strength: 270,000 psi
 Typical shear strength: 162,000 psi
 Standard finish
- Proprietary black
 - Mechanical zinc plate to a minimum thickness of .0002 meets requirements of ASTM B695
 - Electroplated zinc with yellow chromate

APPROVALS/LISTING

ICC Evaluation Service, Inc.

#ESR-1955 T3 Fasteners

Fasteners in Concrete

FASTENER PART NUMBER	SHANK DIA. (INCH)	MINIMUM PENETRATION (INCH)	INSTALLED IN STONE AGGREGATE CONCRETE CONCRETE COMPRESSIVE STRENGTH ALLOWABLE LOAD – <i>Ultimate Load</i>						HOLLOW BLOCK Grade N, Type 1			
			4000 PSI		6000 PSI		3000 PSI Lightweight LOWER FLUTE		FACE SHELL Min 1-1/4" face thickness			
			TENSION (LBS)	SHEAR (LBS)	TENSION (LBS)	SHEAR (LBS)	TENSION (LBS)	SHEAR (LBS)	TENSION (LBS)	SHEAR (LBS)		
MP034TH*	0.125	5/8	78 426	80 574	62 308	----	----	72 361	242 1210	133 691	----	----
		3/4	104 593	195 977	132 658	206 1057	93 470	288 1442	84 444	87 446		
34CLIP	0.104/.125	5/8	62 310	----	----	106 528	----	----	44 220	----	----	----
38HSMP034, 12HSMP034 34HSMP034, TSHMP034	0.104/.125	5/8	60 357	117 587	107 533	191 957	54 269	230 1150	71 357	123 613		

* ESR-1955 pin data applies. **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 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 is 3 inches unless otherwise approved. In hollow block applications, no more than one fastener per cell. **Note 8:** For SI: 1 lbf = 4.448 N, 1 inch = 25.4 mm, 1 ksi = 6.89MPa.