

Conduit

Straps

Boxes

Strut

Rods

# STICK

Gas Fastening System

# STICK<sup>TM</sup>E

Electrical & Mechanical Fastening System

Powers is a proud member of:



**Powers**<sup>®</sup>  
FASTENERS

# Why use **STICK-E**™ ?



## 1. Speed

Fasten directly through fixture with MAGAZINE pin and STICK-E accessories. NO MORE DRILLING AND ANCHORING.

## 2. Labor Savings

- Reduce labor costs by 80%
- Shoot 20 pins consecutively
- Fuel cell shoots 1000 pins
- Battery shoots 5700 shots on 1 charge



## 3. No Licensing

Unlike powder tools, no license required. Ready to use right out of the box.

## 5. No Fatigue

At only 7 lbs. and with its short track design, contractors can shoot all day without user fatigue.

## 4. Versatility

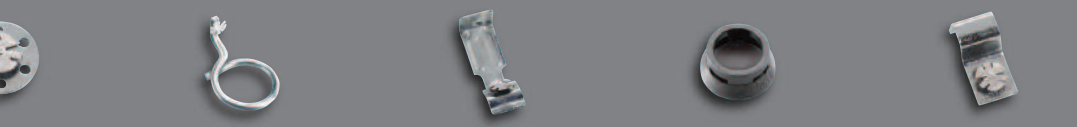
Powers innovative 780-step shank pin works in all base materials, including concrete, block, brick, steel and wood.



## 6. Universal

Now one tool does it all! From electricians to mechanical contractors, the STICK-E system & short track tool are the answer to all your fastening needs.





Strut

# One Tool for All Trades.



Electrical



Lathe



Sheet Metal / HVAC



Mechanical



Telecommunications



## Other Trades...

- Drywaller
- General Contractor
- Remodeler
- Roofer
- Waterproofer
- Plumber
- Carpenter
- Restoration
- Carpet Installer
- Flooring
- Utility
- Masons
- Computer

# STICKE™ System

## CABLE TIE DONUT

CAT. NUMBER	SIZE	STD. BOX	STD. CARTON
55076	1"	100	1000

**Applications:** For attaching small and large diameter cable ties to all types of walls and ceilings including steel beams, concrete and block. Ideal for strapping wires and cable for hanging temporary lighting fixtures from all base materials. (Fits ties up to 1/4" wide).

**Contractors:** Electricians

**Recommended Pin Size(s):** 55080 .780 Trak-It Step Shank Pins (all base materials with the exception of soft blocks)



## BX CLIP

CAT. NUMBER	SIZE	STD. BOX	STD. CARTON
55054	3/8"	100	1000

**Applications:** For attaching BX cable to walls and ceilings of any base material including steel beams, concrete and steel purlins.

**Contractors:** Cable Installers, Telecommunication Installers, Electricians

**Recommended Pin Size(s):** 55080 .780 Trak-It Step Shank Pins (all base materials)



## MINI CONDUIT CLIP

CAT. NUMBER	SIZE	STD. BOX	STD. CARTON
55064	1/2"	100	1000
55066	3/4"	100	1000
55068	1"	100	1000

**Applications:** For attaching conduit and piping to steel beams and concrete ceilings.

**Contractors:** Electricians

**Recommended Pin Size(s):** 55080 .780 Trak-It Step Shank Pins (all base materials)



## STRAP WASHER

CAT. NUMBER	SIZE	STD. BOX	STD. CARTON
55062	1/2"	100	1000

**Applications:** For attaching duct straps to suspend HVAC duct work onto ceilings of various base materials.

**Contractors:** Sheet Metal Contractors

**Recommended Pin Size(s):** 55080 .780 Trak-It Step Shank Pins (all base materials)



## CONDUIT CLIP (ONE HOLE STRAP)

CAT. NUMBER	SIZE	STD. BOX	STD. CARTON
55059	1/2" ribbed	100	1000
55061	3/4" Ribbed	100	1000

**Applications:** For attaching conduit and light duty pipe to walls and ceilings of any base material including steel beams, concrete and steel purlins.

**Contractors:** Electricians

**Recommended Pin Size(s):** 55080 .780 Trak-It Step Shank Pins (all base materials)



## REBAR BASKET CLIP

CAT. NUMBER	SIZE	STD. BOX	STD. CARTON
55070	#3 & #4 Bar	100	1000

**Applications:** For attaching rebar to existing concrete or wood forms prior to a pour. Most popular in road and bridge construction and repair.

**Contractors:** Concrete Contractors

**Recommended Pin Size(s):** 55080 .780 Trak-It Step Shank Pins (all base materials)



## BRIDAL RING

CAT. NUMBER	SIZE	STD. BOX	STD. CARTON
55094	1-1/4"	100	1000
55095	1-1/2"	100	1000
55096	2"	100	1000

**Applications:** For suspending single or multiple wires and cable in runs from overhead ceilings of all base materials including steel beams, concrete and steel purlins.

**Contractors:** Electricians

**Recommended Pin Size(s):** 55080 .780 Trak-It Step Shank Pins (all base materials)  
55081 1" Trak-It Step Shank Pins (all base materials)



## ROD HANGER

CAT. NUMBER	SIZE	STD. BOX	STD. CARTON
55050	1/4"	100	1000
55052	3/8"	100	1000

**Applications:** Attaching rod overhead to steel beams or concrete ceilings for the purpose of suspending utilities, cable trays, conduit and pipe.

**Contractors:** Electricians, Plumbers, Mechanical Contractors

**Recommended Pin Size(s):** 55080 .780 Trak-It Step Shank Pins (all base materials)  
55081 1" Trak-It Step Shank Pins (all base materials)



## RIGHT ANGLE CLIP

CAT. NUMBER	SIZE	STD. BOX	STD. CARTON
55092	Wirehole 0.278"	100	1000

**Applications:** For suspending acoustical ceiling systems or light fixtures.

**Contractors:** Acoustical & Ceiling Contractors

**Recommended Pin Size(s):** 55080 .780 Trak-It Step Shank Pins (all base materials)  
55081 1" Trak-It Step Shank Pins (all base materials)



# One Tool for All Trades.

## Trak-It® C3 ST Catalog Number 55002



### INSULATION WASHER

CAT. NUMBER	DESCRIPTION	STD. BOX	STD. CARTON
55042	1-7/16"	100	1000

**Applications:** For attaching exterior foam insulation to all base materials including steel and concrete.

**Contractors:** Insulation Contractors, Waterproofers, Roofers

**Recommended Pin Size(s):**

55080	.780 Trak-It Step Shank Pins (all base materials)
55081	1" Trak-It Step Shank Pins (all base materials)
55034	1-1/4" break free rolled point Trak-It Pins
55035	1-1/2" break free rolled point Trak-It Pins



### NYLON WASHER

CAT. NUMBER	DESCRIPTION	STD. BOX	STD. CARTON
55046	1"	100	1000

**Applications:** For attaching termination bar and sheet metal to all base materials.

**Contractors:** Insulation Contractors, Waterproofers, Roofers

**Recommended Pin Size(s):**

55038	3/4" Perma-Seal Coated Rolled Point Trak-It Pins
55039	1" Perma-Seal Coated Rolled Point Trak-It Pins



### BREAK-FREE (ROLLED POINT)

CAT. NUMBER	DESCRIPTION	STD. BOX	STD. CARTON
55034	1-1/4"	1000*	5000
55035	1-1/2"	1000*	5000

\* Includes 1 Free Fuel Cell.



### STICK-E DENSGLASS® PIN WASHER

CAT. NUMBER	DESCRIPTION	STD. BOX	STD. CARTON
55157	DensGlass® Pin Washer	100	1000



### LATHING WASHER

CAT. NUMBER	DESCRIPTION	STD. BOX	STD. CARTON
55040	1" with holes	100	1000

**Applications:** For attaching wire lath to steel, concrete or block for the purpose of troweling stucco in exterior applications or plaster in interior applications. Can also be used as a general purpose washer.

**Contractors:** Drywall, Plasterers, Exterior Siding Contractors

**Recommended Pin Size(s):**

55080	.780 Trak-It Step Shank Pins (all base materials)
55033	1" Break Free Rolled Point Trak-It Pins (most base materials)
55034	1-1/4" Break Free Rolled Point Trak-It Pins (most base materials)



### STAINLESS STEEL SEALING WASHER

CAT. NUMBER	DESCRIPTION	STD. BOX	STD. CARTON
55043	3/4"	100	1000

**Applications:** For attaching waterproofing membrane to foundations and roofing applications.

**Contractors:** Insulation Contractors, Waterproofers, Roofers

**Recommended Pin Size(s):**

55038	3/4" Perma-Seal Coated Rolled Point Trak-It Pins
55039	1" Perma-Seal Coated Rolled Point Trak-It Pins



### STICK-E PIN (STEP SHANK)

CAT. NUMBER	DESCRIPTION	STD. BOX	STD. CARTON
55080	.780 Step Shank Pins (k)	1000*	5000
55081	1" Step Shank Pins	1000*	5000

(k) knurled

**1 pin for 90% of ALL applications.**



### TRAK-IT FUEL CELL

CAT. NUMBER	DESCRIPTION	STD. BOX	STD. CARTON
55010	Trak-It Fuel Cell	20	80



# Our System



# + Your Parts

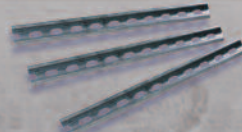
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# Completed Job



.780 Step Shank Pin

+



Strut

=



.780 Step Shank Pin

+



Boxes

=



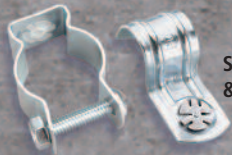
Stick-E BX Clip

+



BX

=



Stick-E Mini Conduit Clip & Stick-E Conduit Clip

+



Conduit

=



Stick-E Bridal Ring

+



Wires

=



Stick-E Cable Tie Donut

+



Cable

=



Stick-E Strap Metal Washer

+



Metal Strap

=



Stick-E Insulation Washer

+



Insulation

=



Stick-E Rod Hanger

+



Threaded Rod

=



Stick-E Rebar Clip

+



Rebar

=



STICK-E ATTACHMENTS



# Performance Data For 780 Trak-It Pin And Stick-E Accessories

## CHANNEL / STRUT MOUNTED USING TRAK-IT 780 PIN (INSTALLED INTO CONCRETE OR CONCRETE BLOCK)<sup>1,2,3,4</sup>

TRAK-IT PIN (TYPE)	EMBEDMENT (INCHES)	MINIMUM NUMBER OF PINS (PER 12-INCH LENGTH)	MAXIMUM SPACING (INCHES)	ULTIMATE TENSION LOAD (POUNDS/FT)	ULTIMATE SHEAR LOAD VERTICAL AXIS (POUNDS/FT)	ULTIMATE SHEAR LOAD HORIZONTAL AXIS (POUNDS/FT)
780	9/16	3	4*	625	570	1,170
		5	2.5**	1,025	1,190	2,110

<sup>1</sup> Installations for Nominal 1-5/8" Channel (12 Gauge), All Finishes

\* Fits all channel configurations

<sup>2</sup> Minimum 2000 psi Concrete or Concrete Block at time of installation

\*\* Fits all channel configurations except slotted

<sup>3</sup> Maximum spacing is center to center

<sup>4</sup> Not recommended for overhead applications

## ELECTRICAL BOXES (INSTALLED WITH 780 PIN INTO CONCRETE OR CONCRETE BLOCK)<sup>1,2</sup>

TRAK-IT PIN (TYPE)	EMBEDMENT (INCHES)	MINIMUM NUMBER OF PINS (PER BOX)	MINIMUM SPACING (INCHES)	SUGGESTED CONFIGURATION (GEOMETRY)	ULTIMATE TENSION LOAD (POUNDS)	ULTIMATE SHEAR LOAD VERTICAL AXIS (POUNDS)	ULTIMATE SHEAR LOAD HORIZONTAL AXIS (POUNDS)
780	5/8	2	1	Line	640	975	850
		3	2	Triangle	720	1,115	1,055
		4	2	Square/Diamond	900	1,840	1,840

<sup>1</sup> Installations for Nominal 16 Gauge Electrical Boxes, All Finishes

<sup>2</sup> Minimum 2000 psi Concrete or Concrete Block at time of installation

## STICK-E WITH .780 PIN (INSTALLED INTO CONCRETE, CONCRETE BLOCK, OR LIGHTWEIGHT CONCRETE OVER METAL DECK)<sup>1,2</sup>

STICK-E	TRAK-IT PIN	EMBEDMENT	ULTIMATE TENSION LOAD	ULTIMATE SHEAR LOAD
Conduit Clip	.780	3/4"	80 lbs	60 lbs
BX Clip	.780	3/4"	80 lbs	70 lbs
Bridal Ring	.780	3/4"	325 lbs	200 lbs
Cable Tie	.780	3/4"	50 lbs	60 lbs
Insulation Washer	.780	3/4"	300 lbs	400 lbs
Rebar Clip	.780	3/4"	275 lbs	275 lbs
Strap Washer	.780	3/4"	275 lbs	400 lbs
Rod Hanger	.780	3/4"	420 lbs	n/a
Right Angle Clip	.780	3/4"	300 lbs	400 lbs

<sup>1</sup> Minimum 2000 psi Concrete or Concrete Block at time of installation

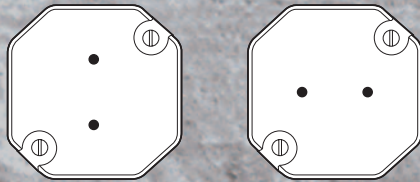
<sup>2</sup> Consideration of safety factor of 10 or higher may be necessary depending on the application

## STICK-E WITH .780 PIN (INSTALLED INTO STEEL)

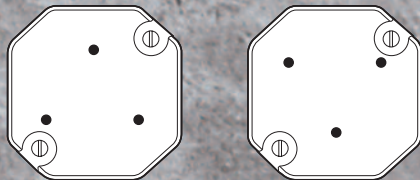
	CONDUIT BX CLIP	BRIDAL RING	CABLE TIE	STRAP WASHER	ROD HANGER
Embedment	3/4"	3/4"	3/4"	3/4"	3/4"
A36 Steel (3/16" Thick)					
Ultimate Tension Load	80 lbs	325 lbs	50 lbs	275 lbs	420 lbs
A36 Steel (3/16" Thick)					
Ultimate Shear Load	70 lbs	200 lbs	60 lbs	400 lbs	n/a
A572 Steel (1/8" Thick)					
Ultimate Tension Load	80 lbs	325 lbs	50 lbs	275 lbs	420 lbs
A572 Steel (1/8" Thick)					
Ultimate Shear Load	70 lbs	200 lbs	60 lbs	400 lbs	n/a
A572 Steel (12 Gauge)					
Ultimate Tension Load	80 lbs	325 lbs	50 lbs	275 lbs	420 lbs
A572 Steel (12 Gauge)					
Ultimate Shear Load	70 lbs	200 lbs	60 lbs	400 lbs	n/a

## BOX FASTENING PATTERNS

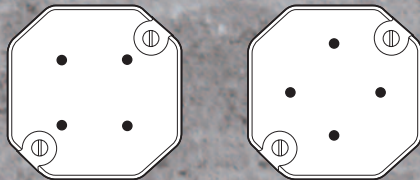
Line



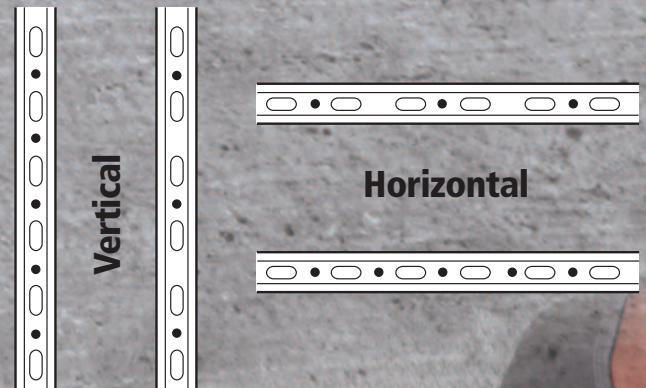
Triangle



Square/Diamond



## CHANNEL / STRUT FASTENING PATTERNS



POWERS FASTENERS **BRANCH INFORMATION****USA LOCATIONS**

CITY	ADDRESS	CONTACT	PHONE	FAX
Alabama	5405 Buford Hwy Suite 410 Norcross, GA 30071-3984	Jeff Hatchett	205-520-6044	678-966-9242
Atlanta	5405 Buford Hwy Suite 410 Norcross, GA 30071-3984	Robert Brito	678-966-0000	678-966-9242
Boston	2 Powers Lane, Brewster, NY 10509	Jack Armour	800-524-3244	914-576-6483
Charlotte	349 L West Tremont Avenue, Charlotte, NC 28203	Bob Aurisy	704-375-5012	704-376-5517
Chicago	2472 Wisconsin Avenue, Downers Grove, IL 60515	Dan Gilligan	630-960-3156	630-960-3912
Dallas	10625 King Williams Drive, Dallas, TX 75220	Kyle Thuenemann	972-506-9258	972-506-9290
Denver	2475 West Second Street #35, Denver, CO 80223	Aaron Minnis	303-922-9202	303-922-9228
Detroit	21600 Wyoming Avenue, Oak Park, MI 48237	Glen Gaskill	248-543-8600	248-543-8601
Florida	9208 Palm River Road, Bldg. 3, Suite 305, Tampa, FL 33619	Mark Mamula	813-626-4500	813-626-4545
Houston	13833 North Promenade, Suite 100, Stafford, TX 77477	Chris Salisbury	281-491-0351	281-491-0367
Indianapolis	15290 Stony Creek Way, Noblesville, IN 46060	Bill Trainor	317-773-1668	317-773-1690
Kansas City / St Louis	716 East 16th Avenue, North Kansas City, MO 64116	Don James, Jr.	816-472-5038	816-472-5040
Los Angeles	2761 Dow Avenue, Tustin, CA 92780	Jack Stewart	714-731-2500	714-731-2566
Maryland	3137-B Pennys Drive, Landover, MD 20785	Chris Van Syckle	301-773-1722	301-341-5119
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Minneapolis	351 Wilson Street, NE Minneapolis, MN 55413	Rick Gruye	612-331-3756	612-331-3549
Nashville/Memphis	221 Blanton Avenue, Nashville, TN 37210	Ira Liss	615-248-2667	615-248-2676
New Orleans	102 Sampson Street, Houston, TX 77003	Cal Zenor	713-228-1524	713-228-1528
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Philadelphia	2 Powers Lane, Brewster, NY 10509	Greg Stephenson	800-524-3244	914-576-6483
Phoenix	3602 E. Southern Ave, Suite 5 Phoenix, AZ 85040	Craig Hering	602-431-8024	602-431-8027
Pittsburgh	1360 Island Avenue, McKees Rocks, PA 15136	Bill Dugan	412-771-3010	412-771-9858
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Rochester	40 Harrison Street, Rochester, NY 14605	Mike Kolstad	585-288-2080	585-288-8732
Salt Lake City	2212 SW Temple #20, Salt Lake City, UT 84115	Don Manning	801-466-9428	801-466-3083
San Francisco	28970 Hopkins Street, Suite B+C, Hayward, CA 94545	Dan Mullan	510-293-1500	510-293-1505
Seattle	129 South Kenyon, Seattle, WA 98108	Darin Arnold	206-762-5812	206-762-5817

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China	Metropolitan Business Centre, East Nandan Road, Lane 300, No. 9, Room 604 Xuhui District, Shanghai, China 200030	Jake Olsen	+86-21-3363-2880	+86-21-3363-2881
China	TriF international, 4E, Building 11, The City of Design, Tianmian Village, Futian, Shenzhen 518000	Tom Nie	86-755-82795378	86-755-82795379
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Brazil	HARD, Rua Dr. Humberto Pinheiro Viera, 150 Lote B, 1 B Distrito Industrial, Joinville, Brazil		55-47-40097209	55-47-40097217
Colombia	Electrogeno, S.A., Carrera 52 #71c-38, Bogota, Colombia		(57) 1 6600 9436	
Costa Rica	Electro Mechanics Supply, La Uruca Contiguo Banco Ntnl., De Costa Rica Condominio, Horizontal Bodega #9, San Jose, Costa Rica		(506) 2233-2595	
Dominican Republic	Calle Estancia Nueva #17 E Esquina Cul-De-Sac 9, San Geronimo, Santo Domingo	Rodfor Team	809-224-5615	809-472-8640
Ecuador	Acero Comercial Ecuatoriano S.A., Av. La Prensa N45-14 y Telégrafo 1 – Quito Av. Juan Tanco Marengo Km. 1.7 – Guayaquil	info@acero.comercial.com info@acero.comercial.com	(593-2) 2454 333 (593-4) 2683 060	(593-2) 2454 455 (593-4) 2683 059
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Panama	Centro-Industrial, Via Cincuentenario, No. 7910, Ciudad Panama, Panama		(507) 302-8022	
Peru	Powers Peruana SAC, Av. Santa Catalina, 555 La Victoria, Lima 13, Peru (www.powersperuana.com)	Martin Vasquez	(011) 511 265 8500	(011) 511 330 0909
Venezuela	Calle Sucre/Qta. Maudora, #1721 Entre Cec Acosta Y San Ignacio Chacao, Caracas	Distributor	58 212 264 1313	58 212 263 0219
Trinidad - Tobago	Ft. Farfan, 3-5 Ibis Avenue, Ibis Acres, San Juan	Derek Cumming	(868) 674-7896	

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Assistance  
24/7**



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