



# Traffic Engineering Products

2009



## About Us

### Traffic Engineering Supplies

Since 1967, Trigg Industries has been supplying Traffic Engineering Products for the traffic counting community. Our full line of traffic counting supplies is the industry standard and our east and west coast locations provide the quickest delivery times. Trigg Industries provides a one-stop supply for proven and road worthy products with support you can rely on. We provide rapid delivery from two stocking locations. We look forward to being of service.

### USA Terms

All bonafide government clients, open account net 30 days. Commercial clients net 30 days with approved credit. Visa and Mastercard accepted. All merchandise, unless otherwise specified, is FOB Hampton, Virginia or Los Angeles, California, shortest distance to you via UPS ground or specified carrier. Shipping is prepaid and added to invoice. Prices subject to change without notice. For quantities greater than those published online or in the catalog, please email, call or fax for quotation. Returned merchandise shipped COD, or merchandise returned without prior Returned Merchandise Authorization will not be accepted.

### International Terms

All prices are in USD unless otherwise stated. UPS Worldwide Expedited, unless your own carrier is preferred. Orders are shipped 24 hours after receiving orders, except on holidays recognized in the USA or by UPS. Freight and cost of goods are pre-paid, in US funds. Customs and duty are your responsibility. All freight and cost of goods are pre-paid. Wire Transfer instructions are given at the time of order. Prices subject to change without notice. For quantities greater than those published online or in the catalog, please email, call or fax for quotation. Returned merchandise shipped COD, or merchandise returned without prior Returned Merchandise Authorization will not be accepted.

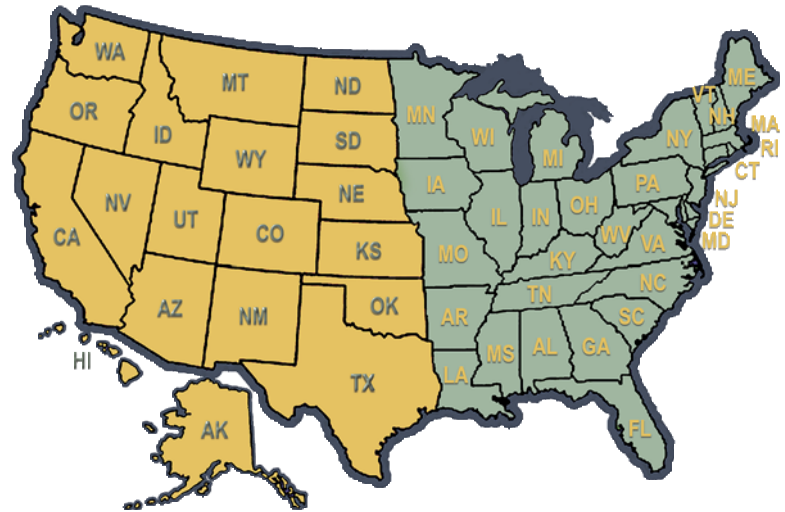
## Ordering and Shipping

### Order from West Coast Location

7007 Willoughby Ave., Los Angeles, CA 90038  
Tel 323.845.9390 ♦ Fax 323.845.9503

### Order from East Coast Location

716B Blue Crab Rd., Newport News, VA 23606  
Tel 757.223.7522 ♦ Fax 757.223.7317

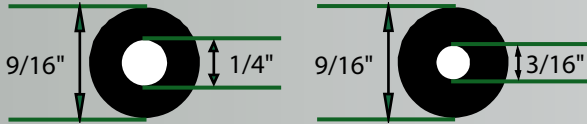


# Contents

Traffic Engineering Products	
Road Tube	Round (9/16" OD) ..... 4
	Half Round (9/16" OD) ..... 4
	Natural Rubber (9/16" OD) ..... 5
	Lo-Profile (3/8" OD) ..... 5
Axle Sensors	Piezoelectric Brass Linguini ..... 6
Grout	TDC Joint Seal ..... 7
Road Tube	<b>Grips for Road Tube</b>
Accessories	Chinese Finger™ ..... 8
	C-Clamp ..... 8
	Figure 8 ..... 8
	Polyweb Grip ..... 8
	End Plate Clamp ..... 9
	 Chains and Locks ..... 8
	<b>Plugs and Connecters</b>
	End Plug - Set Screw ..... 9
	End Plug - Barbed ..... 9
	Tube Connect ..... 9
	Hose Clamp for Tube Connect ..... 9
	Dual Size Tube Connector ..... 9
	 <b>Tape</b>
	Bituthane (mastic) ..... 10
	Polyken (duct) ..... 10
	 Measuring Wheel ..... 11
	 Air Switch ..... 11
	 <b>Nails and Fastening Tools</b>
	Trigg Masonry ..... 12
	Parker Kalon (PK) ..... 12
	Spikes ..... 12
	Anchor ~ Piton Maze ..... 12
	Chisel ~ Piton Seating ..... 12
Batteries	<b>Sealed-Lead</b>
	PowerSonic ..... 13
Battery Chargers	PowerSonic ..... 14

### Road Tube: Round EPDM Formula

Manufactured to highest quality control standards. Resistant to effects of ozone and ultraviolet light. Inside diameter 1/4" [or 3/16"] ± 1/32" and 9/16" outside diameter ± 1/32". Inside of the tubing is clean, smooth and free from dust, wax or any foreign material. Line call out specifications of ASTM D-2000 M2AA610F17EA14, z1 ASTM D1149 Mod. 100 hours. 100pphm ozone, z2 100% EPDM, z3 cured to

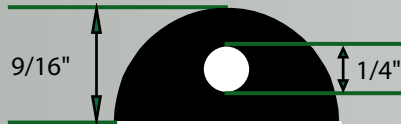


eliminate tackiness, z4 free from porosity, 10% deviation in tensile and elongation results referred to in D-2000 is recognized and permitted. Lengths of 100' or 120' packed 3 lengths per box. Sold in box quantities. In stock.

Part #	Description	Per Foot	Per Box	1200 ft +
1301	1/4" ID, 300 feet per box, 100 foot lengths	See TEP Price List		
1302	1/4" ID, 360 feet per box, 120 foot lengths			
1310	3/16" ID, 300 feet per box, 100 foot lengths			
1311	3/16" ID, 360 feet per box, 120 foot lengths			

### Road Tube: Half-Round EPDM Formula

For use in places where round tubing will not stay in place due to speed, volume, slope or braking/acceleration. Manufactured to highest quality control standards. Resistant to effects of ozone and ultraviolet

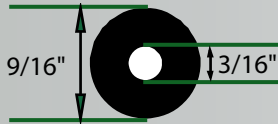
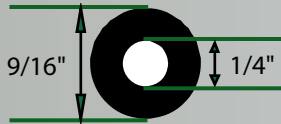


light. Inside diameter 1/4", 1" base diameter, 9/16" thickness top to bottom. Lengths of 100' or 120' packed two lengths per box. Sold in box quantities. In stock.

Part #	Description	Per Foot	Per Box	1200 ft +
1320	1/4" ID, 200 feet per box, 100 foot lengths	See TEP Price List		
1321	1/4" ID, 240 feet per box, 120 foot lengths			

## Road Tube: Natural Rubber Formula 60 Durometer

This tube is more flexible than EPDM Formula, though not highly resistant to the effects of ozone and ultraviolet light. Highest quality 60 durometer natural rubber. Inside diameter 1/4" [or 3/16"] ± 1/64"; outside diameter 9/16" ± 1/32"; maximum specific gravity 1.20; tested according to ASTM D



412 with minimum tensile strength of 2500 psi and minimum elongation of 400%.

After elongation, not over 10% increase in length. After exposure to minus 10° F, tube will bend around a 1 1/4" outside diameter mandrel without cracking. After exposure to plus 175° F for 5 hours, tube, when depressed, will return to original state upon being released. Inside of tube is clean, smooth and free from foreign material. Lengths of 100' or 120' packed 3 lengths per box. Sold in box quantities. In stock.



Part #	Description	Per Foot	Per Box	1200 ft +
1331	1/4" ID, 300 feet per box, 100 foot lengths	See TEP Price List		
1332	1/4" ID, 360 feet per box, 120 foot lengths			
1333	3/16" ID, 300 feet per box, 100 foot lengths			
1334	3/16" ID, 360 feet per box, 120 foot lengths			

## Road Tube: Lo-Profile EPDM Formula

Manufactured to highest quality control standards. Resistant to effects of ozone and ultraviolet light. Lo-Profile road tube is light weight, easy to handle and consumes less storage space. Inside diameter .187"; outside diameter .365". Inside of the tubing is clean, smooth and free from dust, wax or any foreign material. Lengths of 120'. Available in single or double rolls. Sold by the roll. In stock.



Part #	Description	Per Foot	Per Roll	1200 ft +
1312	3/16" ID, sold per roll, 120 foot lengths	See TEP Price List		
1313	Double Lo-Profile Tube, 3/16" ID, sold per roll, 120 foot lengths			

## Piezoelectric Sensor: Roadtrax 'Brass Linguini' (BL) Axle Sensor

The MSI Roadtrax BL Traffic Sensor is designed for permanent or temporary installation into or onto the road surface for the collection of traffic data. The unique construction of the sensor allows it to be installed into the road in a flexible format so that it can conform to the profile of the road. The flat construction of the sensor gives an inherent rejection of road noise due to road bending, adjacent lanes and bow waves of or from approaching vehicles. The small cut in the road minimizes the damage that is done to the road, speeds up the installation and reduces the amount of epoxy that is used for the installation. The Roadtrax BL sensor is available both as a Class I sensor for the highest level of uniformity needed for Weigh in Motion applications and as a Class II sensor, which is more cost effective for Counting, Classifying, High speed Toll Booths, Speed Detection and Red Light Cameras.



### Features

- Uniform, high amplitude piezoelectric output compatible with existing counters and classifiers on the market.
- Excellent Signal to Noise Ratio which has an inherent 10:1 rejection of road noise due to road bending, adjacent lanes and bow waves of approaching vehicles.
- Easy installation in a 3/4" x 3/4" slot, which minimizes the disturbance of the road, decreases the depth of the road cut, and minimizes the amount of epoxy needed.
- Flexible sensor - conforms to any road profile while maintaining a uniform distance to the road surface.
- The final installation is flush with the road surface - snowplows will not do damage to the sensor.
- Durable enough to withstand normal installation handling and hundreds of millions ESAL's.
- All sensors are 100% tested and certified for performance as a complete sensor prior to shipment.
- Custom Passive Signal Cable with High Density Poly Ethylene Jacket which is rated for direct burial and resists nicks and cuts.



### Available Lengths (Class 1 and Class 2)

Part #	Description	Price
Class & Length Dependent	Roadtrax 'Brass Linguini' Axle Sensor	CALL FOR QUOTE

## Grout: TDC Joint Seal

TDC Joint Sealant is a polyurea sealant that contains no VOC's (Volatile Organic Compounds) and is Non-Hazmat (Non-Hazardous Material). This two component, 100% solids sealant is self-leveling but also displays fast cure times. The material can be applied without heat in temperatures as low as -35 degrees Fahrenheit. Setup time is between 2-3 minutes, with tack-free time at around 5 minutes. Open to traffic time is 15-20 minutes, depending on outside temperatures. This new generation of polyurea is insensitive to water and displays excellent chemical resistance. The material is applied in a 2:1 ratio and is applied using caulk tubes. Jobs ranging from a single sensor to an entire highway can be applied rapidly and precisely. Standard color is black and works equally well with asphalt or concrete. Cured product can be disposed of without restriction.



Applications include piezoelectric axle sensors, lead-in cables, potholes, bridge joints, concrete expansion joints (interior or exterior), warehouse floor joints and general concrete repairs. Each cartridge comes with one Static Mixing Tube. During the application process, this sealant may harden in the Static Mixing Tube if left to settle for more than 1 1/2 minutes. First time users might consider having extra Static Mixing Tubes on hand.

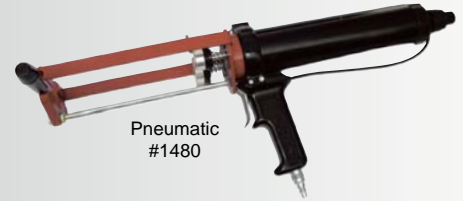
## Caulk Guns



To be used for applying TDC Joint Seal. Available in manual and pneumatic models, these two component applicators are of the highest quality.



Manual  
#1470



Pneumatic  
#1480



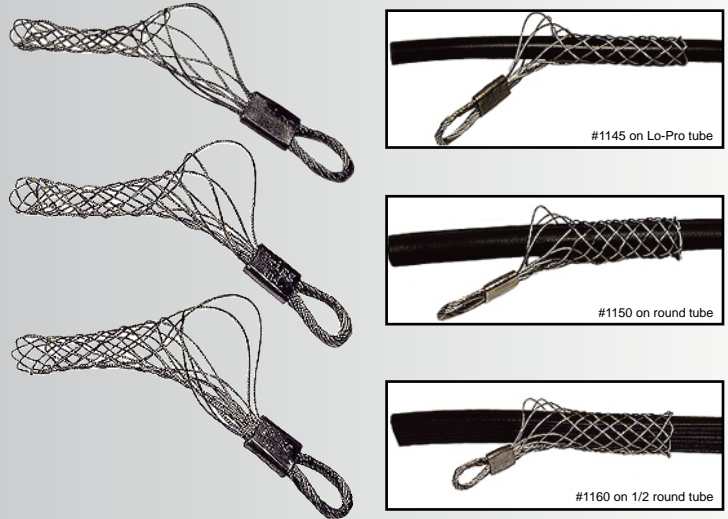
#1461

Part #	Description	Each	Case	
1430	TDC Joint Seal, 1 pound, 150 x 300 ml., 18 units per case	See TEP Price List		
1460	TDC Joint Seal, 2 pound, 300 x 600 ml., 9 units per case			
1461	Static Mixing Tube for 1 and 2 pound TDC Joint Seal			
1470	Manual caulk gun			
1480	Pneumatic caulk gun			
<b>Approximate Installation Requirements for 3/4" x 3/4" Slot for BL Sensor</b>		<b>6 foot</b>	<b>8 foot</b>	<b>12 foot</b>
TDC Joint Seal		3 lbs	4 lbs	6 lbs

### Chinese Finger™

The Patented Trigg Industries Chinese Finger was designed to maintain tube tension at counter end or plugged end. Woven stainless steel grip with 3/16, 5/8 or 7/8 inch swaged loop to fit nail, road side spike or piton anchor. Grip fits end or center of tube. Will not slip or cut road tube or tires. Available for standard, 1/2 round of Lo-Profile road tube. Our best selling road tube grip for over 35 years.

### Chinese Finger™



Part #	Description	1-99	100-499	500+
1145	3/16" Grip for Lo-Profile tube	See TEP Price List		
1150	5/8" Grip for round tube			
1160	7/8" Grip for 1/2 round tube			

### C-Clamps

Galvanized steel clamp for end of road tube. Anchors to road with two nails. Available for standard, Lo-Profile and metric size road tube.



Part #	Description	1-99	100-499	500+
1171	for Lo-Profile road tube	See TEP Price List		
1172	for 10mm shank nails			
1173	for 9/16" OD road tube			

### Figure 8

Woven stainless steel grip with 7/8 inch swaged loop to fit nail, roadside spike or piton anchor. Grip fits end or center of tube.



Part #	Description	1-99	100-499	500+
1143	Figure 8 Grip	See TEP Price List		

### PolyWeb Grip

Polypropylene webbing, 1½ wide, 900 lb strength. To be cut in pieces, folded over road tube and nailed to pavement. Comes in black. Also used to fasten the Blocker™ to roadway.



Part #	Description	Per Roll
1169	PolyWeb Grip, 100 foot roll	

### Chains & Locks

For protecting traffic counters from theft.

Blue Chrome 3/16" welded chain, zinc plated. Sold in 7 foot lengths.

American solid brass padlock, 1½" x 3".



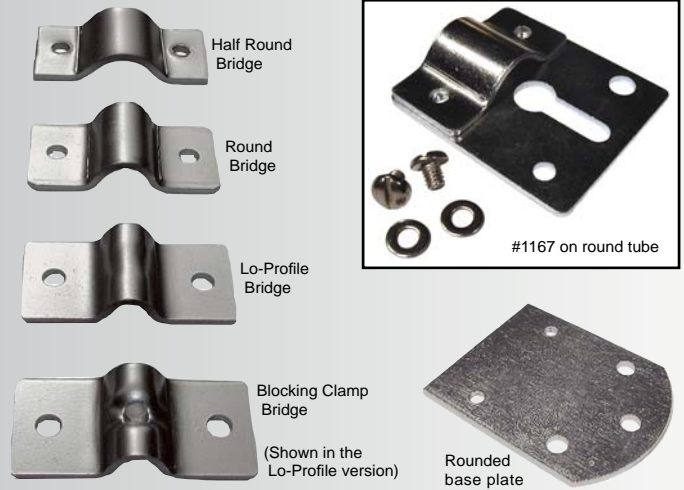
Part #	Description	1-35	36-72	73+
1900	Chain, 3/16" in 7 foot lengths	See TEP Price List		
6000	American Lock, 1½" x 3"			

## End Plate Clamp

End plate for center or side of road. Prevents sagging in the center of long road tubes. Heavy gauge steel with removable bridge for round, half round and Lo-Profile road tube. Two 1/4-20 bridge retaining screws and washers included. Stationary or removable base plate with three anchoring holes for 1/4 inch shank masonry nails. Available for all size road tubes.

NEW Blocking Clamp bridge designed to pinch and stop air flow through road tube (see p. 4). Available for all road tube sizes, designated as 1166-B, 1167-B, 1168-B.

Part #	Description	1-25	26-49	50+
1166	Plate Clamp for Lo-Profile tube	See TEP Price List		
1167	Plate Clamp for round tube			
1168	Plate Clamp for 1/2 round tube			
-B	Blocking Clamp in all sizes			



## End Plugs for road tube - Set Screw

Plug prevents introduction of dirt and moisture at end of tube and minimizes possibility of foreign matter being transmitted to counter. Screws into end of road tube with allen key (provided). Eliminates tire damage caused by nail or other type end plug coming loose in roadway. 5/16 inch OD x 3/4 inch length. Alloy steel, closed-end type.



Part #	Description	1-49	50-99	100+
1165	End Plug & allen key	See TEP Price List		

## End Plugs for road tube - Barbed

Plug prevents introduction of dirt and moisture at end of tube and minimizes possibility of foreign matter being transmitted to counter. Presses into road tube for a secure, snug fit. 5/16 inch OD x 3/4 inch length. Brass, closed-end type.



Part #	Description	1-49	50-99	100+
1163	End Plug - barbed	See TEP Price List		

## Connectors & Clamps for Road Tube

Brass sleeve for splicing two pieces of road tube. Please specify for 1/4" or 3/16" inside diameter tubing.

For securing Tube Connect inside of tube. For 1/4 inch ID or 3/16 inch ID round road tube.



Part #	Description	1-25	26-49	50+
1200	Tube Connect 1/4" ID	See TEP Price List		
1201	Tube Connect 3/16" ID			
1202	Hose Clamp for Connector			

## Dual Size Tube Connector

This brass sleeve was specifically designed for splicing the 1/4" ID road tube with the Lo-Profile 3/16" ID road tube.



Part #	Description	1-25	26-49	50+
1203	Dual Size Tube connector	See TEP Price List		

### Tape: Bituthane

For use over and/or under road tube, the Blocker™, temporary loops and surface mount piezoelectric sensors. This tape is particularly advantageous in high speed or volume traffic environments and in speed recording where road tube roll must be prevented. Also used for repair of bridge deck or road surface cracks to stop leakage or water damage. Woven polypropylene back (not tacky coated). Rubberized asphalt mastic with peel off protective paper. 60 feet per roll.

Also available with a 2" pocket. Designed for road tube or piezo sensors to run through. Adds extra protection and hold.



with pocket

Part #	Description	1 Roll	1 Case	10 + Case
1250	Bituthane, 2" x 60', 6 rolls/case	See TEP Price List		
1251	Bituthane, 4" x 60', 2 rolls/case			
1252	Bituthane, 6" x 60', 2 rolls/case			
1253	Bituthane, 12" x 60', 1 roll/case			
1254	Bituthane w/pocket, 4" x 60', 2 rolls/case			
1255	Bituthane w/pocket, 6" x 60', 2 rolls/case			

### Tape: Winter Bituthane

Biuthane tape designed for colder weather applications. Contains higher levels of Butyl which helps maintain its tackiness when temperatures drop. For use over and/or under road tube, the Blocker™, temporary loops and surface mount piezoelectric sensors. This tape is particularly advantageous in high speed or volume traffic environments and in speed recording where road tube roll must be prevented. Rubberized asphalt mastic with peel off protective paper.



Part #	Description	1 Roll	1 Case	10 + Case
1261	Winter Bituthane, 4" x 75', 3 rolls/case	See TEP Price List		
1262	Winter Bituthane, 6" x 75', 2 rolls/case			

### Tape: Polyken

Poly tape is most commonly used to stabilize road tube or to keep road tube stationary in traffic. Type 223 is a utility grade waterproof duct tape, non-twist. Type 231 is a high performance utility tape that conforms to MIL Spec PPP-T-60D. Available in 2" or 3" widths in black. Available in other colors in case lots.



Part #	Description	1 Roll	1 Case	3 + Case
1226	Polyken, type 223-2", 24 rolls per case	See TEP Price List		
1227	Polyken, type 223-3", 16 rolls per case			
1228	Polyken, type 231-2", 24 rolls per case			
1229	Polyken, type 231-3", 16 rolls per case			

## Measuring Wheel

### DigiRoller Plus II

Take Fast, Digital On-Site Measurements with easy, One-Person Operation.

#### Industry Applications:

- Asphalt/Concrete/Paving
  - Heavy Construction
  - Highway Construction
  - Light Construction
  - Law Enforcement
- Accident Investigation
  - Athletic Field Measurement
  - Gov't/DOT/Engineering
  - Real Estate Appraisal
  - Insurance Adjusting
- Fencing
  - Utilities
  - Architecture
  - Landscaping
  - Land Surveying

#### Features:

- Measures up to 999,999.9 Feet/Yards/Meters
- 99.9% Measuring Accuracy
- Ergonomic Design
- Large, Easy-to-Read Digital Readout/Control Panel
- Display Backlight (for use in darkly-lit areas)
- Handy Start/Stop Mode (prevents accidental measurements)
- Control Panel Located Near Handle (so you don't have to stoop over to read it)
- "Smart Wheel" (automatically includes wheel radius for accurate wall-to-wall measurements)
- Built-in Calculator for Automatic, One-Button Measurement of Areas and Volumes
- Instant Unit Conversions (feet-inches, decimal feet, inches, yards, meters and acres)
- AutoCount feature for tallying preset distance increments
- Push-Button Counter (for tallying items)
- Memory Storage (stores up to 9 values or areas)
- Runs on four AAA batteries
- 1 year limited warranty
- New! 1 Meter Wheel (also uses 2-foot or 4-foot)\*
- New! Permanent Memory
- New! User Set Preferences



\*Must purchase 2- or 4-foot wheels separately.

Part #	Description	Price
C-3004	DigiRoller Plus II Digital Distance Measuring Wheel	See TEP Price List
C-3004a	DigiRoller Plus II 2 foot wheel	
C-3004b	DigiRoller Plus II 4 foot wheel	

## Air Switch (AS5) by Trigg Industries

Over 7,000 units sold. Field tested in Data Acquisition, GK Instruments, Golden River and Streeter Amet type counters. Properly counts even small vehicles as far as 110 feet from counter. Will not over count. Solid state, heavy duty, accurate and easy to install. Fully guaranteed for one year. Dimensions 1-15/16" diameter, 1 1/4" body thickness. Call to verify installation for your particular model counter.



Part #	Description	1-9	10+
1401	Trigg Industries Traffic Counter Air Switch	See TEP Price List	

## Masonry Nails (bulk) Hardened Steel, Heavy Duty

Our best seller. Hardened steel nails. Knurled (ribbed) thread, checkered head for hammer head traction, and zinc plated finish for corrosion resistance. Bulk packed.



1106 Approximately 20 per pound  
1107 Approximately 25 per pound

Part #	Description	Box 100	10 lbs	25 lbs	50 lbs
1106	1/4" x 3 1/2"	See TEP Price List			
1107	1/4" x 2 1/2"				

## Masonry Nails: Parker-Kalon 'PK'

Precision quality masonry nails are case hardened steel and zinc and clear chromate plating for corrosion resistance. Ribbed configuration assures permanent fastening of road tube grips or highway lane markers. Packed in boxes of 100.



Part #	Description	1-9	10-29	30+
1101	1/4" x 2 1/2", 100 per box	See TEP Price List		
1102	1/4" x 2", 100 per box			
1103	1/4" x 1 1/2", 100 per box			

## Spikes and 6 inch Nails

When standard size nails are inadequate, 6", 8" or 12" galvanized spikes offer significantly enhanced holding power. Anchoring in soft ground conditions, hot asphalt or on shoulders can be improved with additional nail length. Sold by the pound.

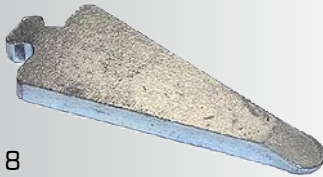
1104 Approximately 12 per pound  
1111 Approximately 7 per pound  
1110 Approximately 3 per pound



Part #	Description	10 lb	25 lb	50 lb
1104	Nail, 1/4" x 6"	See TEP Price List		
1111	Spike, 3/8" x 8"			
1110	Spike, 3/8" x 12"			

## Piton Anchor

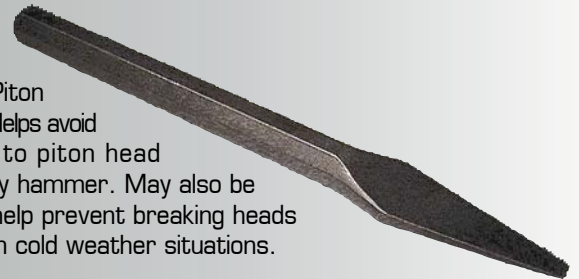
Provides over six times the resistance of a nail against tube pull. 1 inch side at shoulder, 2 1/2 inch length. Works with all Chinese Finger Grips (#1145, 1150 and #1160) and Figure 8 (#1143).



Part #	Description	1-99	100-499	500+
1120	Piton Anchor for road tube	See TEP Price List		

## Piton Chisel Seating

Used to prepare slot for Piton Anchor. Helps avoid damage to piton head caused by hammer. May also be used to help prevent breaking heads on nails in cold weather situations.



Part #	Description	1-9	10+
1121	Piton Chisel seating	See TEP Price List	

## Sealed Lead Acid Batteries

Sealed lead acid batteries are maintenance free, leak proof, delivered fully charged from the manufacturer. Commonly used in traffic counters, test equipment, solar power, stand-by power and portable communications. Sealed lead acid battery technology is efficient and reliable.

## PowerSonic Sealed Lead-Acid Batteries

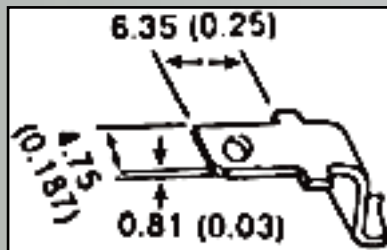
Their sealed, maintenance-free, easy handling and economical qualities make these long shelf life units perfect for your HIGH-TECH use. Sealed lead acid batteries are maintenance free, leak proof, delivered fully charged from the manufacturer. Commonly used in traffic counters, test equipment, solar power, stand-by power and portable communications. Sealed lead acid battery technology is efficient and reliable.



Part #	Term. Type	Nom. Volt	AMP Hour	Price Per Battery			Weight Each	Length		Width		Height	
				1-8	9-24	25+		inch	mm	inch	mm	inch	mm
PS4100	A	4	6.0	See TEP Price List			3.28 lb	4.02	102	1.97	50	3.72	95
PS640	B	6	4.0				1.95 lb	2.76	70	1.89	48	4.02	102
PS650	spring	6	5.0				2.0 lb	2.63	67	2.63	67	3.78	96
PS670	B	6	7.0				3.0 lb	5.95	151	1.34	34	3.70	94
PS682	B	6	8.0				3.3 lb	3.86	98	2.20	56	4.65	118
PS1250	B	12	5.0				4.6 lb	5.95	151	2.00	51	3.70	94
PS1270	P	12	7.0				5.2 lb	4.26	108	2.75	70	5.54	141
PS1295	C	12	9.5				8.2 lb	6.18	157	3.27	83	4.92	125
PS6100	B	6	10.0				3.8 lb	3.54	90	2.76	70	3.98	101
PS6120	B	6	12.0				5.7 lb	5.95	151	2.56	65	3.70	94
PS6200	P	6	20.0				10.0 lb	8.38	213	2.75	70	5.50	140
PS12120	B	12	12.0				9.0 lb	5.95	151	3.86	98	3.70	94
PS12330	C	12	33.0				26.5 lb	7.70	196	5.19	132	6.10	155

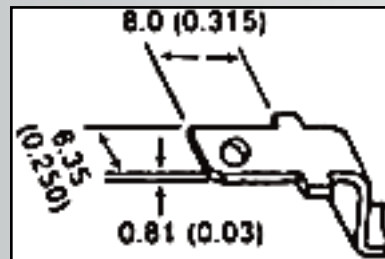
### Type A Terminal

187 FASTON .187" x .032" Quick disconnect tabs



### Type B Terminal

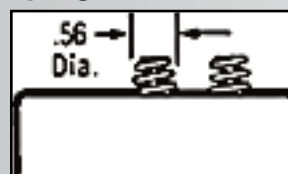
250 FASTON .250" x .032" Quick disconnect tabs



### Type C Terminal

Terminal Post [lead alloy or tin-plated brass] with 5mm nut and bolt on 6200, 6360, 12180, 12260, 12280; with 6mm nut and bolt on 12400.

### Spring Terminal



### Type P Terminal

Polarized Faston, Positive "B", Negative "A"

# Battery Chargers: PowerSonic

Trigg Industries carries the full line of Power-Sonic battery chargers. Please Contact Us for a quote.



## FEATURES

**Electronically regulated** - current limited chargers for sealed lead-acid type batteries.

**Wall mount plug-in design** for 250, 300, 500, 800 series and 61000A; counter top design for 241000A, 2000, 4000 and 10A series.

**Operating temperature range:** 32°F - 104°F [0°C - 40°C]. Input voltage: 110/120 VAC, 60Hz. 122000A and 241000A can be switched to accept 220/230 VAC, 50Hz.

**LED's:** For 250A & 500A series: "POWER ON" and "CHARGING MODE" [ON = high-rate charging, OFF = float charging]. For 300, 800, 1000, & 10A series: "FLOAT" and "FAST CHARGE" indicators. For 2000A, 241000A and 4000 series: single tri-color indicator.

**Hi-impact resistant thermo-plastic housing** for 250, 300, 500, and 800 series; metal housing for 1000, 2000, 4000, and 10A series.

**Screw-type terminals** for 250 & 500 series, I/O cord with battery connectors for 300, 800, 1000, 2000, 4000 and 10A series chargers.

## OPERATING CHARACTERISTICS

**"A" Series:** Automatic dual rate chargers sense battery requirements and automatically switch from the fast charge to float mode, or vice versa. LED's provide visual indication of the charging mode. Automatic chargers combine the advantages of float and cycle chargers; recharge time is short yet batteries are safe from being overcharged. This charger is ideal for cyclic applications where recharge time is critical and the battery may be left on charge indefinitely. As a result charging is fool-proof.

**"F" Series:** Float chargers are designed to provide optimum life for batteries used in standby applications where charging is continuous. The chargers deliver a constant voltage of 2.25 to 2.30 volts per cell which allow the battery to seek its own current level and maintain itself in a fully charged condition. This series is best suited for burglar and fire alarm equipment, emergency lighting, memory protection, or UPS systems where the battery serves as back-up power to the AC source.

Part #	Max Output	Price Each			Use With Battery	
	mA	1-8	9-24	25+	Voltage	Capacity
PSC-6250-F	400	See TEP Price List			6v	1-5 AH
PSC-6250-A	400		6v	1-5 AH		
PSC-6500-A	500		6v	2-10 AH		
PSC-61000-A	1000		6v	4.5-12 AH		
PSC-64000-A	4000		6v	20-40 AH		
PSC-12250-F	375		12v	1-5 AH		
PSC-12250-A	275		12v	1-5 AH		
PSC-12500-F	600		12v	2-10 AH		
PSC-12500-A	500		12v	2-10 AH		
PSC-12800-A	800		12v	4-12 AH		