

**NEW!**

# 5/8" LENGTH TRAKFAST PIN



**FOR POST-TENSION  
APPLICATIONS**



## Key features

- **5/8" Shank Length** - Engineered for high-load anchoring in concrete.
- **Optimized Point Geometry** - Reduces drive resistance and risk of concrete cracking.
- **Specific Embedment Depth** - Designed to attach metal drywall track to post tension slabs where embedment depths must be limited.
- **Manufactured in the USA** - Meets all BABA and Buy America requirements for government projects.

# SPECIFICATIONS AND SYSTEM BENEFITS

The 5/8" FPP Post-Tension Pin is built for high-strength structural applications and designed to meet the demands of post-tension cable systems in commercial and multi-level construction projects. With no on-site assembly required, it delivers efficiency, reliability, and performance in one complete solution.

| PART NUMBER | DESCRIPTION                   | INNER CARTON QUANTITY | MASTER CARTON QUANTITY |
|-------------|-------------------------------|-----------------------|------------------------|
| FPP058B     | 5/8" (16MM) BLACK PIN W/ FUEL | 1000                  | 5000                   |

## Benefits

- **SPEED** - Three to five times faster than powder tools. 42-pin magazine reduces load time.
- **EASY TO USE** - Tool automatically resets piston. No recoil, tool absorbs shock resulting in less operator fatigue.
- **NO LICENSING REQUIRED** - Unlike powder-actuated tools, no licensing is required.
- **NO CHANGING LOADS** - TrakFast uses a fuel cell, not a load. No need to inventory different colored loads
- **NARROW NOSE & PROFILE** - Allows tool to reach inside deep leg track (1-5/8" wide x 2" high).

## Ideal for

- Post-tension cable system
- Elevated concrete deck
- Parking structures
- Podium slabs
- Multi-level commercial construction

| PART NUMBER SERIES   | SHANK DIA (INCH) | MINIMUM PENETRATION (INCH) | INSTALLED IN SOLID CONCRETE<br>CONCRETE COMPRESSIVE STRENGTH<br>ALLOWABLE LOAD - <i>Ultimate Load</i> |               |               |               |               |                |
|----------------------|------------------|----------------------------|---|---------------|---------------|---------------|---------------|----------------|
|                      |                  |                            | 2,000 PSI   |               | 3,000 PSI     |               | 4,000 PSI     |                |
|                      |                  |                            | TENSION (LBS)   | SHEAR (LBS)   | TENSION (LBS) | SHEAR (LBS)   | TENSION (LBS) | SHEAR (LBS)    |
| FPP - Straight Shank | 0.109            | 5/8                        | <b>60</b> 434   | <b>55</b> 546 | <b>55</b> 453 | <b>75</b> 615 | <b>55</b> 472 | <b>95</b> 685  |
|                      |                  | 3/4                        | <b>60</b> 595   | <b>80</b> 650 | <b>55</b> 583 | <b>95</b> 699 | <b>55</b> 571 | <b>115</b> 749 |
| FPP - Step Shank     | 0.104/0.118      | 3/4                        | — —   | — —           | — —           | — —           | <b>51</b> 256 | <b>83</b> 418  |

| PART NUMBER SERIES   | SHANK DIA (INCH) | MINIMUM PENETRATION (INCH) | INSTALLED IN LIGHTWEIGHT CONCRETE / DECK / BLOCK<br>ALLOWABLE LOAD - <i>Ultimate Load</i> |                |   |                  |  |               |
|----------------------|------------------|----------------------------|---|----------------|---|------------------|--|---------------|
|                      |                  |                            | 3,000 PSI LIGHT WEIGHT CONCRETE   |                | 3,000 PSI LIGHT WEIGHT CONCRETE WITH METAL DECK - LOWER FLUTE |                  | HOLLOW CONCRETE MASONRY UNITS (CMU ANY LOCATION) |               |
|                      |                  |                            | TENSION (LBS)   | SHEAR (LBS)    | TENSION (LBS)   | SHEAR (LBS)      | TENSION (LBS)                                    | SHEAR (LBS)   |
| FPP - Straight Shank | 0.109            | 5/8                        | <b>35</b> 234   | <b>55</b> 403  | <b>30</b> 239   | <b>205</b> 1,025 | <b>35</b> 347                                    | <b>50</b> 435 |
|                      |                  | 3/4                        | <b>80</b> 630   | <b>100</b> 756 | <b>40</b> 330   | <b>235</b> 1,248 | — —  | — —           |
| FPP - Step Shank     | 0.104/0.118      | 3/4                        | — —   | — —            | — —   | — —              | <b>36</b> 184                                    | <b>58</b> 290 |

**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.



155 Harlem Ave • Glenview, IL 60025  
Phone: 800-848-5611

