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DRIVING JOBSITE SPEED

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# 5/8" T4MAG DUAL SUBSTRATE PIN

**TACKLE BOTH CONCRETE & STEEL**



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# WHY CHOOSE THE T4058SM?

## Built for Productivity and Simplicity

Ramset® T4058SM Dual Substrate Pins are engineered to boost productivity on the jobsite. Designed to fasten interior track into both concrete and steel, this innovative 5/8" pin means you no longer have to alternate between 3/4" and 1/2" pins for different substrates.



## Key Features

- Dual Substrate Performance** - Use in both concrete and steel, eliminating the need for multiple pin sizes.
- Time-Saving Efficiency** - Cuts downtime by avoiding pin changes — get more done, faster.
- Simplified Jobsite Management** - Minimize the number of SKUs you need to track and carry.
- Made in the USA** - BABA compliant.

### T4MAG FUEL/PIN PACKS - 1000 PINS AND 2 FUEL CELLS PER BOX

Larger .125 shank diameter offers improved success rate (15 pin strip)

PART NUMBER	PIN LENGTH		DESCRIPTION
	IN.	(MM)	
T4012M	1/2	(12.7)	1/2" steel pin with T4 fuel cell
T4012SM	1/2	(12.7)	1/2" premium steel pin with T4 fuel cell
T4058SM	5/8	(16)	5/8" premium concrete and steel pin with T4 fuel cell
T4034BM	3/4	(19.1)	3/4" concrete pin with T4 fuel cell
T4034SM*	3/4	(19.1)	3/4" step shank pin with T4 fuel cell
T4100M	1	(25.4)	1" concrete pin with T4 fuel cell

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

Compatible with T4MAG gas tools. Sold in master cartons of 5000 minimum. Cartons cannot be split.

## FASTENERS IN NORMAL WEIGHT CONCRETE

PART NUMBER SERIES	SHANK DIAMETER (INCH)	MINIMUM PENETRATION (INCH)	INSTALLED IN SOLID CONCRETE - CONCRETE COMPRESSIVE STRENGTH ALLOWABLE LOAD - <i>Ultimate Load</i>					
			2000 PSI		4000 PSI		6000 PSI	
			TENSION (LBS)	SHEAR (LBS)	TENSION (LBS)	SHEAR (LBS)	TENSION (LBS)	SHEAR (LBS)
T3/T4 STRAIGHT SHANK	0.125	5/8	83 414	109 611	78 426	80 574	95 545	128 686
		3/4	107 541	156 855	104 593	195 977	132 658	206 1057
T3034S/T4034SM STEP SHANK	0.104 / 0.125	5/8	— —	— —	102 525	138 795	101 511	119 634
T4058SM TAPERED SHANK	0.104 / 0.125	5/8	— —	— —	105 587	140 857	110 573	145 958

## FASTENERS IN STEEL

PART NUMBER SERIES	SHANK DIAMETER (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)
T3012 / T4012M	0.125	SMOOTH	63 676	162 1356	239 1285	211 1417	113 914 <sup>8</sup>	197 1327 <sup>8</sup>
T3012S / T4012SM	0.125	TAPER SMOOTH	183 958	332 1660	237 1184	356 1782	189 943 <sup>10</sup>	392 1960 <sup>7</sup>
T4058SM	0.125	TAPER SMOOTH	183 958	332 1660	237 1184	356 1782	189 943 <sup>10</sup>	392 1960 <sup>7</sup>

  

INSTALLED IN ASTM A 572 GRADE 50 STEEL								
T3012 / T4012M	0.125	SMOOTH	103 733	222 1682	147 950	119 973	147 856 <sup>9</sup>	112 1014 <sup>9</sup>

**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



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