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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	<b>83</b> 414	<b>109</b> 611	<b>78</b> 426	<b>80</b> 574	<b>95</b> 545	<b>128</b> 686
		3/4	<b>107</b> 541	<b>156</b> 855	<b>104</b> 593	<b>195</b> 977	<b>132</b> 658	<b>206</b> 1057
T3034S/T4034SM STEP SHANK	0.104 / 0.125	5/8	— —	— —	<b>102</b> 525	<b>138</b> 795	<b>101</b> 511	<b>119</b> 634
T4058SM TAPERED SHANK	0.104 / 0.125	5/8	— —	— —	<b>105</b> 587	<b>140</b> 857	<b>110</b> 573	<b>145</b> 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	<b>63</b> 676	<b>162</b> 1356	<b>239</b> 1285	<b>211</b> 1417	<b>113</b> 914 <sup>8</sup>	<b>197</b> 1327 <sup>8</sup>
T3012S / T4012SM	0.125	TAPER SMOOTH	<b>183</b> 958	<b>332</b> 1660	<b>237</b> 1184	<b>356</b> 1782	<b>189</b> 943 <sup>10</sup>	<b>392</b> 1960 <sup>7</sup>
T4058SM	0.125	TAPER SMOOTH	<b>183</b> 958	<b>332</b> 1660	<b>237</b> 1184	<b>356</b> 1782	<b>189</b> 943 <sup>10</sup>	<b>392</b> 1960 <sup>7</sup>
			INSTALLED IN ASTM A 572 GRADE 50 STEEL					
T3012 / T4012M	0.125	SMOOTH	<b>103</b> 733	<b>222</b> 1682	<b>147</b> 950	<b>119</b> 973	<b>147</b> 856 <sup>9</sup>	<b>112</b> 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 fastenings 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 Sl: 1 lbf = 4.448 N, 1 inch = 25.4 mm, 1 ksi = 6.89MPa



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