

# EXPANOPIN

SUPER-DUTY SLOTTED TOOTHED SPRING PINS

**BIG DIAMETERS  
for BIG JOBS**



Ø 1/2"



Ø 5/8"



Ø 3/4"



Ø 1"



Ø 1-1/4"

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MANUFACTURER & MASTER DISTRIBUTOR ■ NON-THREADED FASTENERS

## SUPER-DUTY SLOTTED TOOTHED SPRING PINS AISI 6150 Chrome-Vanadium

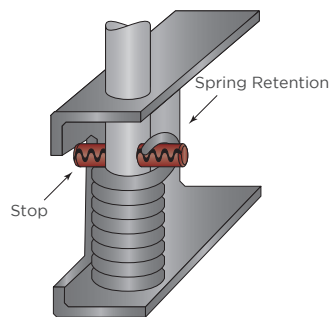
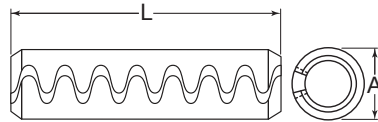
**Super-duty** alloy steel slotted toothed spring pins feature **staggered teeth** spaced to interlock when the pin is compressed. This alignment helps retain the roundness of the pin while minimizing lateral movement in vibratory environments to **prevent walkout**.

Replace solid and standard split rolled pins to get solid pin advantages without assembly issues and a **reduced chance of jamming** in automatic feeds.

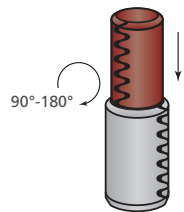
**High seating capacity** as the staggered teeth make contact with only one side of the bore upon insertion to produce tangential axial and radial force increasing surface pressure in the housing.

**Lightly-oiled** for easier assembly and disassembly, they are **RoHS compliant**, and can be **cut to length** to suit your needs.

**Through hardened** to Rockwell C of 42-50 to provide high resistance to wear and shock loads.



Dual purpose in applications as a stop and a spring retainer



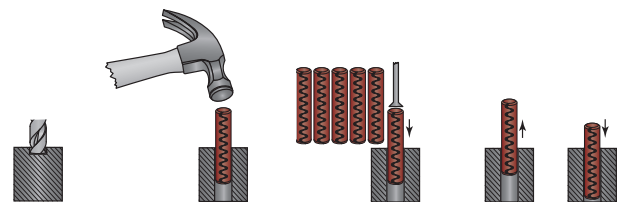
Pins can be doubled up for added shear strength by positioning slots at an angle between 90° and 180° to each other

Part Number	Diameter (A)	Length (L)	Approx. Min. Double Shear Strength (Lbs.)
SPT-0500-2000	0.500	2.000	23,690
SPT-0500-2500		2.500	
SPT-0500-3000		3.000	
SPT-0625-2000	0.625	2.000	36,880
SPT-0625-3000		3.000	
SPT-0625-3500		3.500	
SPT-0625-4000		4.000	
SPT-0625-5000	0.750	5.000	54,150
SPT-0750-2000		2.000	
SPT-0750-3000		3.000	
SPT-0750-4000		4.000	
SPT-0750-5000		5.000	
SPT-0750-6000	1.000	6.000	94,030
SPT-1000-4000		4.000	
SPT-1000-5000		5.000	
SPT-1000-6000		6.000	
SPT-1250-4000	1.250	4.000	143,500
SPT-1250-5000		5.000	
SPT-1250-6000		6.000	

Additional sizes available upon request for special orders

## EASY INSTALLATION

Large diameter slotted toothed spring pins require only a straight drilled hole, may be installed manually or automatically in a single operation, and are reusable.



Drill a hole; no reaming

Manual installation

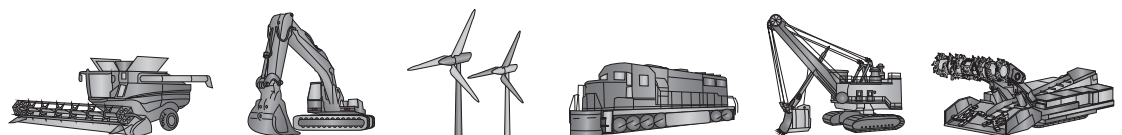
Automated assembly

Remove and reuse

## IDEAL FOR BIG JOBS AND BIG EQUIPMENT



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