

SPIROL®

SPRING PINS FOR AUTOMOTIVE HEADREST ASSEMBLIES

SPIROL® Series 101 Coiled Spring Pins

Designed specifically for automotive headrest assemblies to improve assembly efficiency and reduce cost.

Advantages

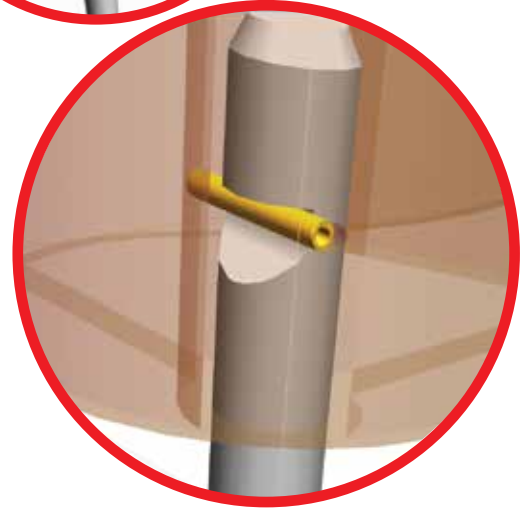
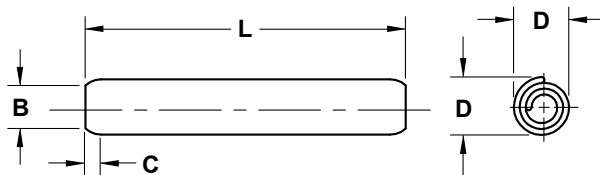
Absorbs shock and vibration

Increased productivity

- 100% dimensional control
- Symmetrical
- Non-interlocking
- Accomodates wide hole tolerances
- Easy to install

Simplified logistics

- Global supply



DIMENSIONAL DATA — METRIC

Nominal Diameter	3		
Diameter D	Max.	3.30	
	Min.	3.15	
Chamfer B Dia	Max.	2.90	
C Length	Ref.	0.90	
Min. Double Shear Strength kN	5.5		
Recommended Hole Size	3.00/3.10		
Material	EN 10132-4, C67S WK No 1.1231		
Finish	Plain, Oiled		
Length +/- 0.25	24	26	28
Product ID	124389	208790	208791

To Order: Product ID, Product, Nominal Diameter x Length, Series Number
 Example: 124389 CLDP 3 x 24 SER101

Automated installation equipment available

Local engineering support available





**Innovative fastening solutions.
Lower assembly costs.**

Technical Centers

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Coiled Spring Pins



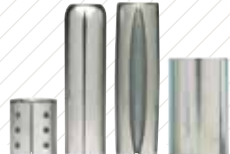
Slotted Spring Pins



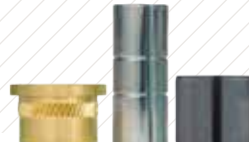
Solid Pins



**Alignment Dowels /
Bushings**



**Spacers & Rolled
Tubular Components**



**Compression
Limiters**



**Threaded Inserts
for Plastics**



Railroad Nuts



Disc Springs



**Precision Shims &
Thin Metal Stampings**



Precision Washers



**Parts Feeding
Technology**



**Pin Installation
Technology**



**Insert Installation
Technology**



**Compression Limiter
Installation Technology**

Please refer to www.SPIROL.com for current specifications and standard product offerings.

SPIROL offers complimentary Application Engineering support! We will assist on new designs as well as help resolve issues, and recommend cost savings on existing designs. Let us help by visiting **Application Engineering Services** on **SPIROL.com**.