

SPIROL®

HIGH PERFORMANCE CARD LOCK & EJECTOR CLIP PINS

SPIROL® Series 880 Coiled Spring Pins

The flexibility of the **Series 880 Coiled Spring Pin** makes it the ideal hinge pin for PC board card lock and ejector mechanisms. The Coiled Pin simplifies the design and manufacturing processes. The quality of the hinge is unsurpassed by any other fastening method due to the low insertion force and compression of the pin during and after installation. The pin's uniform radial spring force results in a controlled hinge movement that remains consistent throughout the life of the assembly.

The Coiled Pin offers a wide range of benefits over other types of components used as hinge pins.

Features/Benefits:

Flexible

- Unlike any other pin, the Coiled Pin absorbs forces to preserve joint integrity and prevent cracked hinges throughout the life of the assembly.
- The Coiled Pin conforms to the widest hole tolerance of any press-fit pin in the industry, and does not damage the plastic to retain itself.

Self Retaining

- No secondary operations are required for retention. Simply insert the pin into the hole.

Corrosion Resistant

- The Coiled Pins are manufactured from 302/304 stainless steel so they will not rust in the assembly.

Conductive for Manual or Automatic Installation

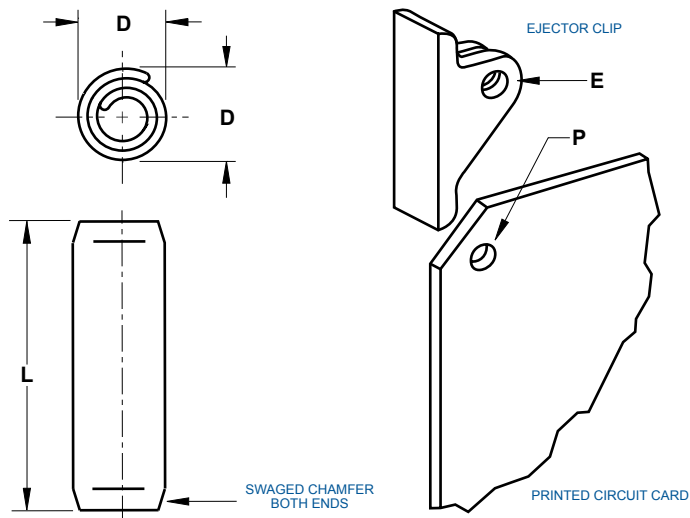
- Regardless of how the pin is installed, the pin installs easily with low insertion forces. Orientation is not required.



Can also be used
as a retaining pin.



High Performance Card Lock & Ejector Clip Pins



U.S.A. Spirol International Corporation
 30 Rock Avenue
 Danielson, Connecticut 06239
 Tel. +1 (1) 860.774.8571
 Fax. +1 (1) 860.774.2048

Spirol West Inc.
 1950 Compton Avenue, Unit 111
 Corona, California 92881-6471
 Tel. +1 (1) 951.273.5900
 Fax. +1 (1) 951.273.5907

Spirol International Corporation Shim Division
 321 Remington Road
 Stow, Ohio 44224
 Tel. +1 (1) 330.920.3655
 Fax. +1 (1) 330.920.3659

Spirol Distribution
 (For Distributor Customers)
 30 Rock Avenue
 Danielson, Connecticut 06239
 Tel. +1 (1) 860.774.8571
 Fax. +1 (1) 860.774.0487

Canada Spirol Industries, Ltd.
 3103 St. Etienne Boulevard
 Windsor, Ontario
 Canada N8W 5B1
 Tel. +1 (1) 519.974.3334
 Fax. +1 (1) 519.974.6550

Mexico Spirol México, S.A. de C.V.
 Carretera a Laredo KM 16.5 Interior E
 Col. Moisés Saenz
 Apodaca, N.L. 66613 México
 ó Apdo. Postal 151 de Apodaca, N.L.
 Tel. +52 (01) 81 8385 4390
 Fax. +52 (01) 81 8385 4391

Europe Spirol Industries, Ltd.
 Princeswood Road
 Corby, Northants
 England NN17 4ET
 Tel. +44 (0) 1536 444800
 Fax. +44 (0) 1536 203415
 (UK Distributors: Tel. 0800 3890034)

Spirol SAS
 Rue Henri Rol Tanguy
 Z.A. Les Naux
 51450 Bétheny - Reims
 France
 Tel. +33 (0) 3 26 36 31 42
 Fax. +33 (0) 3 26 09 19 76

Spirol GmbH
 Brienner Strasse 9
 80333 Munich
 Germany
 Tel. +49 (0) 931 454 670 74
 Fax. +49 (0) 931 454 670 75

Asia Pacific Spirol International Engineered Fastener Trading Co. Ltd.
 No. 11 Xi Ya Rd. North
 Section A, 1F, Building 14
 Wai Gao Qiao Free Trade Zone
 Shanghai, China 200131
 Tel. +86 (0) 21 5046-1451/1452
 Fax. +86 (0) 21 5046-1540

e-mail: info@spirol.com

DIMENSIONAL DATA — INCH

Nominal Diameter	D Pin Diameter		E Recommended Hole Size in Ejector Clip	P Recommended Hole Size in PC Card	L Standard Lengths Tolerances ± .010				
	Min.	Max.			.250	.312	.500	.750	1.000
.062	.067	.073	.062/.065	.066 minimum					
.094	.099	.106	.094/.097	.098 minimum					
.125	.131	.139	.125/.129	.131 minimum					
.156	.163	.172	.156/.160	.162 minimum					

DIMENSIONAL DATA — METRIC

Nominal Diameter	D Pin Diameter		E Recommended Hole Size in Ejector Clip	P Recommended Hole Size in PC Card	L Standard Lengths Tolerances ± 0.25				
	Min.	Max.			6	8	12	20	24
1.5	1.62	1.75	1.5/1.6	1.63 minimum					
2.5	2.65	2.82	2.5/2.6	2.63 minimum					
3	3.15	3.35	3/3.1	3.15 minimum					
4	4.2	4.45	4/4.12	4.17 minimum					

To Order: CLDP, Nominal Diameter x Length, Series Number

Example: CLDP .062 x .500 SER 880

SPIROL Application Engineers will review your application needs and work with your design team to recommend the best solution. One way to start the process is to select Pinning Applications in our Optimal Application Engineering portal at www.SPIROL.com.