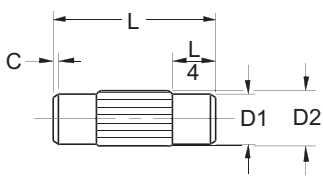


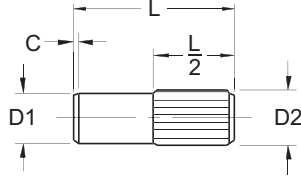
SPIROL® PRE-DESIGNED SPECIALS

The following **Spirol® Knurled Pins** are pre-designed pins available through special order. These knurled pins are variations of our standard full-length knurled pins shown on page 2.

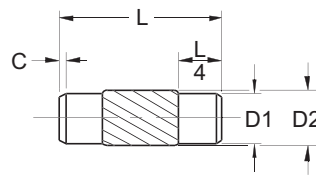
Half-Length Centered Straight Knurl Series KP110



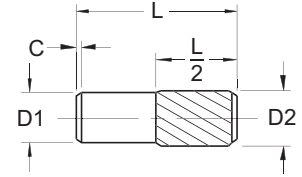
Half-Length Offset Straight Knurl Series KP120



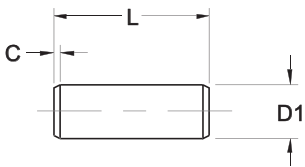
Half-Length Centered Helical Knurl Series KP210



Half-Length Offset Helical Knurl Series KP220



Straight Pin Series DP100



Spirol® Straight Pins are pre-designed pins made to order. They are distinguished by their uniformity, consistently high CPK's, and the absence of defects such as nibs and burrs. The chamfered ends are more consistent than tumbled edges—making installation with automatic assembly equipment more reliable. Straight pins are retained by compressing the host, not the pin. They are suitable for use in plastics for press-fit applications limited to those cases where the host material can withstand compression in the order of .002" – .003" (0.05mm – 0.08mm). These pins are often used to replace ground dowels in applications that do not require the tight tolerances of a ground dowel.

Nominal Diameter	INCH SPECIFICATIONS							METRIC SPECIFICATIONS							
		1/16	3/32	1/8	5/32	3/16	1/4		1.5	2	2.5	3	4	5	6
Diameter "D1"	Min.	.0605	.0918	.123	.1543	.1855	.248	Min.	1.45	1.95	2.45	2.95	3.95	4.95	5.95
	Max.	.0625	.0938	.125	.1563	.1875	.250	Max.	1.5	2	2.5	3	4	5	6
Diameter "D2"	Min.	.068	.099	.131	.163	.195	.256	Min.	1.63	2.2	2.7	3.25	4.25	5.25	6.25
	Max.	.072	.103	.136	.168	.200	.262	Max.	1.73	2.3	2.8	3.35	4.35	5.35	6.35
Chamfer "C"	Min.	.005	.005	.005	.005	.016	.016	Min.	0.15	0.15	0.15	0.15	0.4	0.4	0.4
Recommended Hole	Min.	.0625	.0938	.1250	.1563	.1875	.2500	Min.	1.5	2	2.5	3	4	5	6
	Max.	.0640	.0956	.1271	.1587	.1903	.2534	Max.	1.56	2.06	2.56	3.06	4.08	5.08	6.08
Length "L"		.250	.250	.250	.312	.312	.438		6	6	6	6	8	10	10
		to .625	to 1.000	to 1.250	to 1.500	to 1.750	to 2.250		to 16	to 20	to 26	to 30	to 40	to 50	to 55/60*
Length Tolerance ± .010							Length Tolerance ± 0.25								

* 55 for Knurled Pins; 60 for Straight Pins

- ⊙ Recommended material: Low Carbon Steel (F) and Austenitic Stainless Steel (D).
- ⊙ Dimensions apply before plating.
- ⊙ Spirol® Straight Pins conform to ASME 18.8.2.6 and ISO 2338 Type C.

Part Number Code

TO ORDER: SLDP (Nominal Diameter)x(Length)(Material)(Finish)(Pin Series Number)
 EXAMPLE: SLDP 2 x 10 FK KP110



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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 visit our **Optimal Application Engineering** portal at www.SPIROL.com.

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.
Princewood 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
Briener 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

www.SPIROL.com