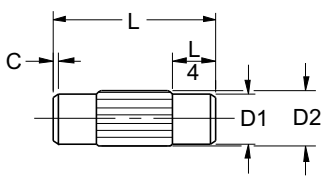


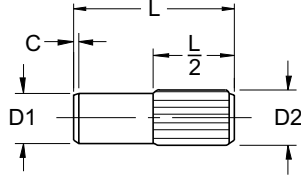
SPIROL® PRE-DESIGNED SPECIALS

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.

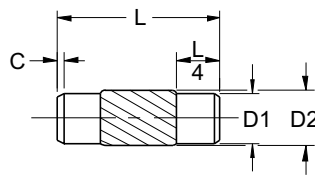
Half-Length Centered Straight Knurl Series KP110



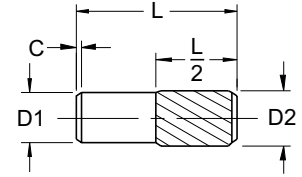
Half-Length Offset Straight Knurl Series KP120



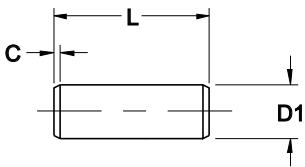
Half-Length Centered Helical Knurl Series KP210



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	to	to	to	to	to		to	to	to	to	to	to	to	
		.625	1.000	1.250	1.500	1.750	2.250		16	20	26	30	40	50	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

SPIROL®

Innovative fastening solutions.
Lower assembly costs.



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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.

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