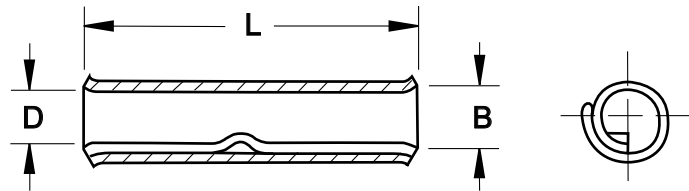


SPIROL®

CONNECTORS



SPIROL® Connectors are used to assemble wire racks, rod frames, molded housings, control rods and to hold pins and axles in position. They have a controlled inside diameter that tightly grips inserted components.



SPIROL® Connectors are spirally rolled from metal strip and heat-treated for flexibility and strength. They have flared ends to guide insertion and an optional centerstop for fast, accurate component positioning. The smooth exterior has no unsightly longitudinal gap. Simple, low-cost push-on assembly eliminates welding, crimping or threading of components. Punched holes, nuts, bolts, washers and rivets are eliminated. Components can be shipped knocked down and assembled by user. Parts can be reassembled repeatedly with ease, yet the grip remains firm and stable.

MATERIALS	FINISHES	INSPECTION METHODS
B 1070-1095 Carbon Steel HV 420-545	K Plain, Oiled T Zinc Plated	Min. I.D. - Plug Gauge "B" Dim. - Plug Gauge Length - Caliper

Note: All Connectors are made to order and require a review by SPIROL's Application Engineering team.

Sizes and Specifications — Inch

Nom. Dia.	Dim. "B" Min.	Dim. "D" I.D.		Max. Insertion Depth Each End w/Stop	Dim. "L" Length	Length Tolerance
		Min.	Max.			
.125 1/8	.130	.115	.120	.391	.875	±.015"
.156 5/32	.161	.146	.151	.484	1.062	
.187 3/16	.193	.176	.182	.594	1.312	
.219 7/32	.229	.207	.213	.687	1.500	
.250 1/4	.260	.236	.243	.781	1.750	
.312 5/16	.323	.296	.304	.906	2.000	
.375 3/8	.385	.356	.366	1.031	2.250	±.025"
.500 1/2	.520	.475	.490	1.437	3.000	

Sizes and Specifications — Metric

Nom. Dia.	Dim. "B" Min.	Dim. "D" I.D.		Max. Insertion Depth Each End w/Stop	Dim. "L" Length	Length Tolerance
		Min.	Max.			
3mm	3.1	2.78	2.9	8.8	20	+1.0mm -0.0mm
4mm	4.1	3.72	3.85	12.3	27	
5mm	5.15	4.72	4.85	16	35	
6mm	6.2	5.7	5.85	18.5	40	
8mm	8.2	7.6	7.8	23	50	
10mm	10.3	9.55	9.75	30	65	
12mm	12.4	11.5	11.75	35	75	

Order Description: Product Type, Diameter x Length, Material, Finish

Example: CONN .250 x 1.750 BK





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

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SPIROL.com



Coiled Spring Pins



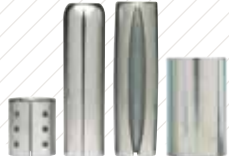
Slotted Spring Pins



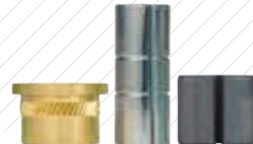
Solid Pins



**Alignment Dowels /
Bushings**



**Spacers & Rolled
Tubular Components**



**Compression
Limiters**



**Threaded Inserts
for Plastics**



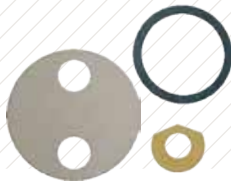
Railroad Nuts



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**.