

SPIROL[®]

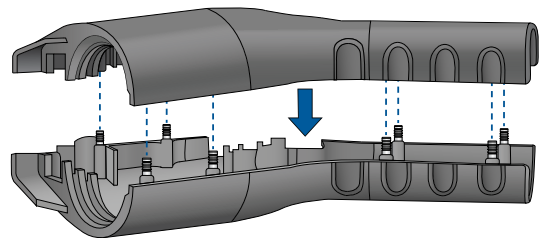
PRESS-N-LOK[™] PINS FOR PLASTICS

SPIROL[®] Series BP100 Press-N-Lok[™] Pins

Press-N-Lok[™] Pins were designed to permanently retain two plastic components to each other. The raised barbs are angled backwards on the pin, opposite the direction of insertion. Press-N-Lok[™] Pins are installed in two stages: First, press the pins into one half of the plastic housing. Next, align the other half of the housing with the exposed pins and press into place. During installation, the plastic will backfill into the area around the barbs resulting in maximum resistance to axial force. Make assembly simple and quick; just Press-N-Lok[™]!

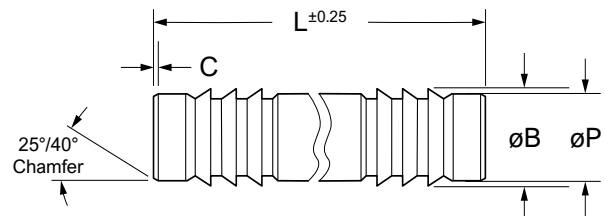
Advantages

- Permanent / tamper resistant
- Simple & clean installation
- Lightweight & **lead free**
- Corrosion resistant
- Quicker assembly time and lower assembly equipment costs compared to screws and adhesives
- Hidden within the final assembly



Application Example:

Press-N-Lok[™] Pins in an Electric Vehicle Charging Handle



DIMENSIONAL DATA — METRIC

Nominal Diameter	Pilot Diameter "P"		Barb Diameter "B"		Barb Count (per side)	Chamfer Length "C"	Pin Length "L"	Recommended Hole Size	
	Min.	Max.	Min.	Max.	#	Min.		Min.	Max.
2	1.90	2.00	2.25	2.40	2	0.15	8	2.00	2.10
							12		
							16		
3	2.90	3.00	3.25	3.40	3	0.20	12	3.00	3.10
							18		
							24		
4	3.90	4.00	4.25	4.40	4	0.30	16	4.00	4.10
							24		
							32		
STANDARD MATERIAL A Aluminum STANDARD FINISH K Plain									

- Other lengths available upon request
- Available to order in nickel stainless steel

To Order: SLDP (Pin Size)x(Length)(Material)(Finish)(Series)
Example: SLDP 3 x 12 AK BP100



Contact SPIROL for Design Assistance!
<https://ca.spirol.com/technical-support/>



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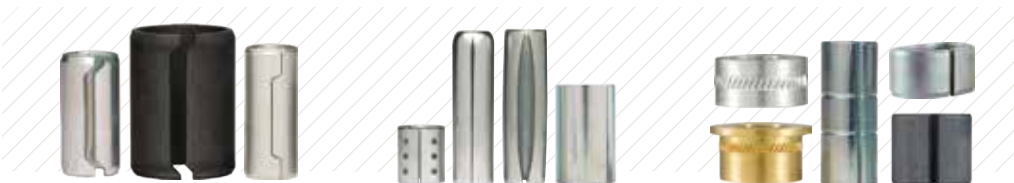
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Coiled Spring Pins

Slotted Spring Pins

Solid Pins



**Alignment Dowels /
Bushings**

**Spacers & Rolled
Tubular Components**

**Compression
Limiters**



**Threaded Inserts
for Plastics**

Disc Springs

**Machined Aerospace
Components**



**Precision Shims, Washers
& Metal Gaskets**

Laminated Shims

Parts Feeding Technology



**Pin Installation
Technology**

**Insert Installation
Technology**

**Compression Limiter
Installation Technology**

Please refer to **SPIROL.ca** 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.ca**.