

SPIROL®

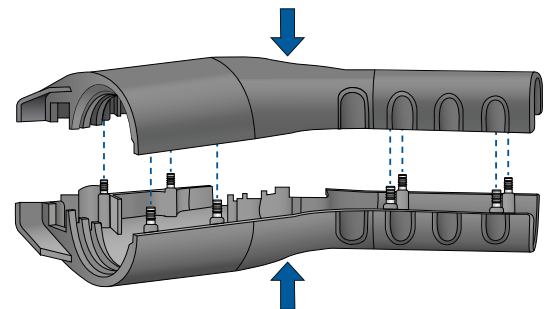
PRESS-N-LOK™ PINS FOR PLASTICS

SPIROL® Series BP100 Press-N-Lok™ Pins

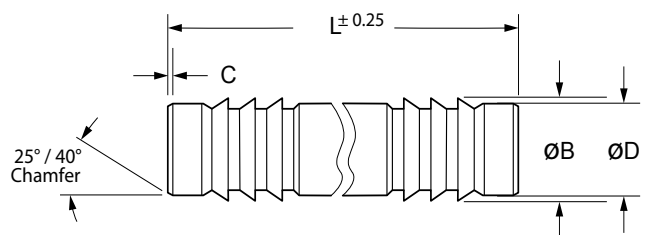
Series BP100 Press-N-Lok™ Pins were designed to permanently retain two plastic components to each other. The raised barbs are angled backwards on the pin, opposite the direction of insertion. Press-N-Lok™ Pins are installed in two stages: First, press the pins into one half of the plastic housing. Next, 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	Tennon OD "D"		Barb Diameter "B"		Barb Count (per side) #	Chamfer Length "C" Min.	Pin Length "L"	Recommended Hole Size	
	Min.	Max.	Min.	Max.				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		
							32		
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)(Pin Series Number)
Example: SLDP 3 x 12 AK BP100

Contact **SPIROL** for
Design Assistance!

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Please refer to www.SPIROL.co.uk for current specifications and standard product offerings.

SPIROL Application Engineers will review your application needs and work with you to recommend the optimum solution. One way to start the process is to visit our **Optimal Application Engineering** portal at SPIROL.co.uk.