

SPIROL®

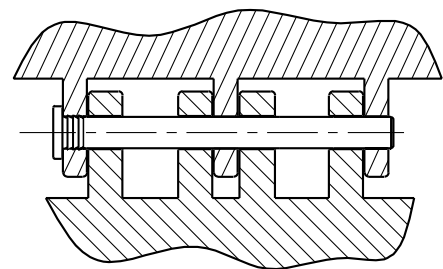
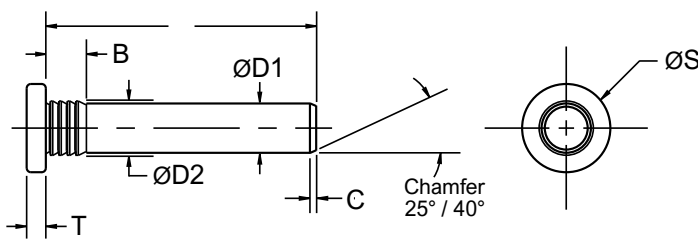
LATCH PINS FOR PLASTICS

SPIROL® Series LP500 Latch Pins

These Solid Pins were designed specifically for use in plastic hinge applications.

Advantages

- Lightweight
- Corrosion resistant
- Easily aligns with holes
- Low insertion force
- Positive secure seating
- Consistent hinge action
- Conducive for automatic feeding
- Low in-place cost
- **Lead free**



DIMENSIONAL DATA — METRIC

Pin Size	S		T		D1		D2		C	B	Recommended Hole		Length L*
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.			Min.	Max.	
3	4.95	5.45	0.90	1.20	2.95	3.00	3.25	3.40	0.15	3	3.00	3.06	18 to 45
4	6.75	7.25	1.20	1.50	3.95	4.00	4.25	4.40	0.40	4	4.00	4.08	24 to 60
5	8.50	9.10	1.50	1.80	4.95	5.00	5.25	5.40	0.40	5	5.00	5.08	30 to 75

STANDARD MATERIAL A Aluminium **STANDARD FINISH** K Plain

* The actual pin length is dependent on the design parameters of the assembly. Other diameters, lengths and alternative barb configurations available on request.

All Latch Pins are made to order.

To Order: SLDP (Pin Size)x(Length)(Material)(Finish)(Series)
Example: SLDP 3 x 45 AK LP500

Contact SPIROL for Design Assistance!
www.SPIROL.com/technical-support



Technical Centres

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Coiled Spring Pins



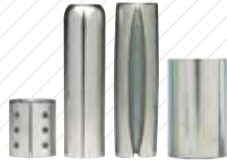
Slotted Spring Pins



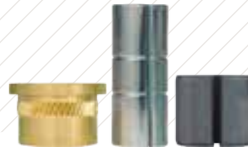
Solid Pins



Alignment Dowels /
Bushings



Spacers & Rolled
Tubular Components



Compression
Limiters



Threaded Inserts
for Plastics



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.co.uk 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.co.uk.