

SPIROL®

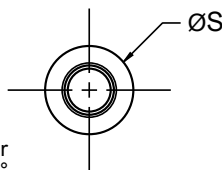
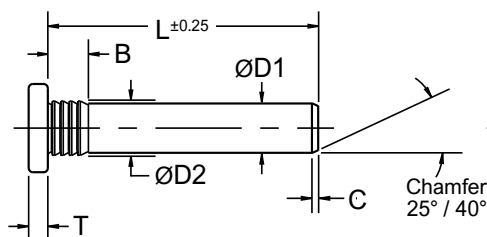
LATCH PINS FOR PLASTICS

SPIROL® Series LP500 Latch Pins

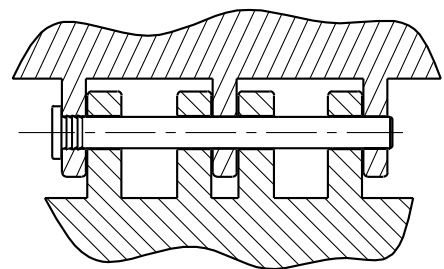
These Solid Pins were designed specifically for use in plastic hinge applications.

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**



Application example:
Latch Pin in Automotive
Door Handle



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!
<https://uk.spirol.com/technical-support/>





Coiled Spring Pins



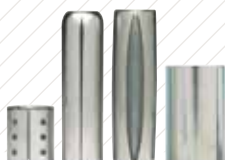
Slotted Spring Pins



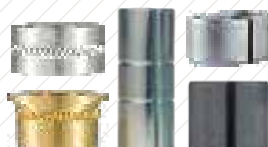
Solid Pins



**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 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.

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