

# Micro Stroke Pins / Stroke Pins

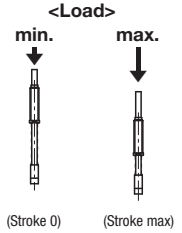
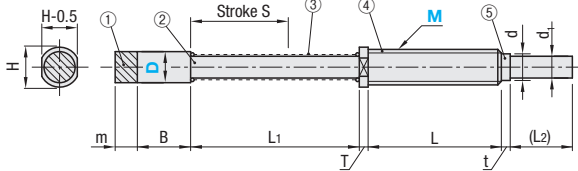
■ **Features:** Suited for soldering or bonding electronic parts on a circuit board.

## Micro Stroke Pins



RoHS 10

Type	① Pin End		② Pin		③ Spring	④ Sleeve		⑤ Collar
	M Material	H Hardness	M Material	S Surface Treatment	M Material	S Surface Treatment	M Material	
JJPPN	Polyacetal	SK	Heat Treated Hardness HV620-720	Electroless Nickel Plating Nickel Plating	SUS304	SK	Electroless Nickel Plating Nickel Plating	BS (Brass)



⚠ Maintain the stroke not to exceed S dimensions, otherwise the spring may be damaged.  
⚠ Tighten the nut with forces under 23.43N for M2, 98.07N for M3 ~ 5.

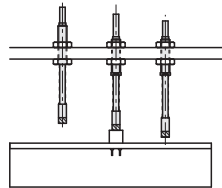
Part Number	Type	M	D	Stroke S	H	m	B	L1	T	L	t	(d)	d1	(L2)	Load (N)		Unit Price
															min.	max.	
JJPPN	2 (Fine)	1.5	8	2.5	2	3.5	14	0.5	9	0.8	1.7	1	4.2	0.20	0.883		
	3 (Coarse)	2.5	11	3.5	2.5	6	19	1	15	1	2.25	1.72	7	0.39	3.432		
	4 (Coarse)	3.5	4.5	2.5	6	19	1	15	1	3	2.45	7	0.76				
	5 (Coarse)	4.5	5.5	2.5	6	19	1	15	1	4	3.45	7	1.25				

Ordering Example Part Number - D JJPPN4 - 3.5

Alterations Part Number - D - (NT) JJPPN2 - 1.5 - NT1

EX Example

Alteration	Nuts Included	
	Code	NT
Spec.	One nut is included with NT1, 2 nuts with NT2. Ordering Code NT1 ⚠ Applicable to M2 only	



■ **Features:** Bushing built-in plungers specialized in holding. The tip can be ordered separately.

## Stroke Pins



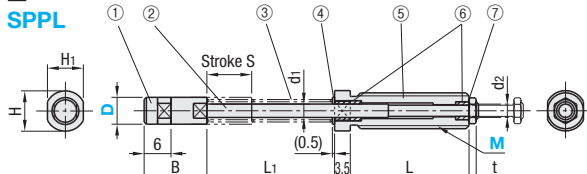
### Stroke Pins

Type	① Pin End		② Pin	③ Spring	④ Shim	⑤ Body	⑥ Oil Free Bushing	⑦ Nut		
	Tip	Core Rod	M Material	M Material	M Material	M Material	S Surface Treatment	M Material	S Surface Treatment	
SPPL	Polyacetal	SUS304	SUS304	SUS304-WPB	SUS304	S45C	Electroless Nickel Plating Nickel Plating	PTFE	SUM23 Equivalent	Trivalent Chromate

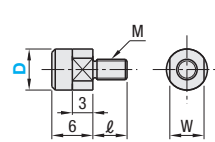
### Pin End

Type	Tip	Core Rod
SPPHA	Polyacetal	SUS304

### Stroke Pins



### Pin End



⚠ The rear nut is swaged, it cannot be removed.

⚠ Can be used as a replacement stroke pin.

## Stroke Pins

Part Number	Type	M (Coarse)	D	Stroke S	H	H1	B	L1	L	t	d1	d2	Load (N)		Unit Price	Volume Discount Rate
													min.	max.		
SPPL	6	5	8	7	14	27.5	20	(1.2)	2.5	2	2.0	5.9	1 ~ 9 pc(s).	10-50 pcs.		
	8	6	10	9	14	28.5	26.5	(1.6)	3	2.5	3.8	8.0				
	10	8	15	12	10	15	39.5	31.5	(1.8)	4	3	4.7			12.6	

### Pin End

Part Number	D	Applicable Stroke Pin	L	W	M x Pitch (Coarse)	Unit Price	Volume Discount Rate
SPPHA	5	SPPL6-5	5	4	M2.5x0.45	1 ~ 9 pc(s).	10-50 pcs.
	6	SPPL8-6	6	5	M3x0.5		
	8	SPPL10-8	8	7	M4x0.7		

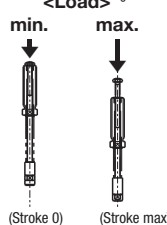
⚠ For orders larger than indicated quantity, please request a quotation.

Ordering Example Part Number - D SPPL6 SPPHAS - 5

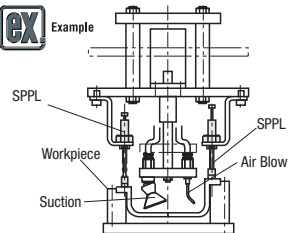
M	Allowable Tightening Torque (N·m)
6	3.5
8	9
10	20

⚠ Do not exceed the torque values shown above when tightening.

<Load> kgf=Nx0.101972 ⚠ For orders larger than indicated quantity, please request a quotation.



EX Example



<Example of Temporary Holding for Dust Removal Process>