

Roller Pushers / Point Pads

Low Dust Generation Type

Features: Can be used for alignment adjustment for thin workpieces such as glass plates. Low dust generation bearings are used.

Roller Pushers
- Low Particle Generation Type

Type Components ①②③④⑤	Material				
	① Cap	② Post	③ Holder	④ Screw	⑤ Bearing (Low Dust Generation)
RLLP	Polycetal				SBC6□□ZZ
RLLUP	Ultra High-Molecular-Weight Polyethylene	SUS304	SUS304	SUSXM7	(Stainless Steel)
RLLPK	PEEK				

* Low Dust Generation Grease Filled Bearing SBC6□□ZZ P.1009
25 (6.3 / 1.6 /)

Example As the cap rotates, it prevents the workpiece from being damaged.

Part Number Type	D	L 5mm Increment	H	D1	④ Screw	C	t	h	d	B	M	Unit Price		
												RLLP	RLLUP	RLLPK
RLLP	10	5-30	10	7.5	SCB2.6-5	0.2	5.5	2.5	7	5	M3			
RLLUP	20	10-50	14	12	SCB4-6	0.5	7.5	5	16	10	M6			
RLLPK	30	10-70	18	12	SCB5-8	0.5	9	8	26	13	M8			

Ordering Example: Part Number - L
RLLP10 - 20



Spherical Type	Type				Material
	Hole Type	Flat Type	Tapped Type		
PDKPK	-	PDAPK	PDUPK		PEEK
-	-	PDATF	-		PTFE Resin
PDKUP	PDCUP	PDAUP	PDUUP		Ultra High-Molecular-Weight Polyethylene

Spherical Type Features: Suitable for reducing contact area since the pads make point contacts.

Suction Hole Type Features: Can be used for vacuum pickup of objects such as glass plates.

Flat Type Features: Can be used when surface contacting with objects are desired.

Tapped Type Features: Can be used for screw fastening.

Part Number Type	D	d	(R)	PDKPK (PEEK)		PDKUP (Ultra High-Molecular-Weight Polyethylene)	
				Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
PDKPK (PEEK)	3	1.5	2.5				
PDKUP (Ultra High-Molecular-Weight Polyethylene)	4	2	4.25				
	5	2	6.5				

Part Number Type	D	d	PDCUP (Ultra High-Molecular-Weight Polyethylene)	
			Unit Price	Volume Discount Rate
PDCUP (Ultra High-Molecular-Weight Polyethylene)	5	4		
	8	5		
	10	5		

Part Number Type	D	d	PDAPK (PEEK)		PDATF (PTFE Resin)		PDAUP (Ultra High-Molecular-Weight Polyethylene)	
			Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
PDAPK (PEEK)	3	1.5						
PDATF (PTFE Resin)	4	2						
PDAUP (Ultra High-Molecular-Weight Polyethylene)	5	2						

Part Number Type	D	PDUPK (PEEK)		PDUUP (Ultra High-Molecular-Weight Polyethylene)	
		Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
PDUPK (PEEK)	10				
PDUUP (Ultra High-Molecular-Weight Polyethylene)	15				
	20				

Ordering Example: Part Number
PDKPK3 (Spherical Type)
PDCUP10 (Suction Hole Type)
PDATF3 (Flat Type)
PDUPK20 (Tapped Type)

Example Point Pad
Robot Hand
Point pad prevents robot hand from contacting conveyed products directly.

Lift Pins

Features: Useable for lifting work objects that require isolation from metal contacts. A 50% more economical length selectable type is introduced.

Lift Pins

L Selectable	Type		Main Body	Material	
	L Configurable	L, B Configurable		Tip	
-	LPCE	LPFCE	SUS304	Ceramic (Alumina 99)	
LPEPK	LPPK	LPFPK		PEEK	
-	LPMC	LPFMC		MC Nylon	

L Selectable Type

Part Number Type	D	L Selection	B Fixed	M (Coarse)	H	W	SR	Unit Price		
								L 25, 50	L 75, 100	L 120
LPEPK	3	25 50 75 100 120	4.5	3	6	5	1.2			
	4		6	4	8	7				
	5		7.5	5	9	7	2			
	6		9	6	10	8				

L Configurable Type

Part Number Type	D	L 1mm Increment	B Fixed	M (Coarse)	H	W	SR	Unit Price					
								L15-50			L51-120		
								LPCE	LPPK	LPMC	LPCE	LPPK	LPMC
LPCE LPPK LPMC	3	15-120	4.5	3	6	5	1.2						
	4		6	4	8	7							
	5		7.5	5	9	7	2						
	6		9	6	10	8							
	8		20-120	12	8	12	10	3.2					
	10			15	10	15	13						

L, B Configurable Type

Part Number Type	D	L 1mm Increment	B 0.5mm Increment	M (Coarse)	H	W	SR	Unit Price					
								L15-50			L51-120		
								LPFCE	LPFPK	LPFMC	LPFCE	LPFPK	LPFMC
LPFCE LPFPK LPFMC	3	15-120	5.0-9.0	3	6	5	1.2						
	4		6.5-12.0	4	8	7							
	5		8.0-15.0	5	9	7	2						
	6		9.5-18.0	6	10	8							
	8		20-120	12.5-24.0	8	12	10	3.2					
	10			15.5-30.0	10	15	13						

Ordering Example: Part Number - L - B
LPEPK3 - 120 (L Selectable)
LPCE4 - 72 (L Configurable)
LPFCE5 - 75 - B9.0 (L, B Configurable)

Example
Suitable for lifting high temperature objects and objects that are not to come in contact with metals.