

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

RoHS 10

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

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

ex 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 **RLLP10** - L **20**

Point Pads

RoHS 10

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

Spherical Type

Suction Hole Type

Flat Type

Tapped Type

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

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	1 ~ 9 pc(s)	10 ~ 29 pcs.	30 ~ 100 pcs.	
PDKUP (Ultra High-Molecular-Weight Polyethylene)	4	2	4.25	1 ~ 9 pc(s)	10 ~ 29 pcs.	30 ~ 100 pcs.	
	5	2	6.5	1 ~ 9 pc(s)	10 ~ 29 pcs.	30 ~ 100 pcs.	

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

Part Number Type	D	d	PDCUP (Ultra High-Molecular-Weight Polyethylene)		
			Unit Price	Volume Discount Rate	Volume Discount Rate
PDCUP (Ultra High-Molecular-Weight Polyethylene)	5	4	1 ~ 9 pc(s)	10 ~ 29 pcs.	30 ~ 100 pcs.
	8	5			
	10	5			

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

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	1 ~ 9 pc(s)	10 ~ 29 pcs.	30 ~ 100 pcs.	1 ~ 9 pc(s)	10 ~ 29 pcs.	30 ~ 100 pcs.
PDATF (PTFE Resin)	4	2	1 ~ 9 pc(s)	10 ~ 29 pcs.	30 ~ 100 pcs.	1 ~ 9 pc(s)	10 ~ 29 pcs.	30 ~ 100 pcs.
PDAUP (Ultra High-Molecular-Weight Polyethylene)	5	2	1 ~ 9 pc(s)	10 ~ 29 pcs.	30 ~ 100 pcs.	1 ~ 9 pc(s)	10 ~ 29 pcs.	30 ~ 100 pcs.

Tapped Type Features: Can be used for screw fastening.

Part Number Type	D	PDUPK (PEEK)				PDUUP (Ultra High-Molecular-Weight Polyethylene)			
		Unit Price	Volume Discount Rate	Volume Discount Rate	Volume Discount Rate	Unit Price	Volume Discount Rate	Volume Discount Rate	Volume Discount Rate
PDUPK (PEEK)	10	1 ~ 9 pc(s)	10 ~ 29 pcs.	30 ~ 100 pcs.	1 ~ 9 pc(s)	10 ~ 29 pcs.	30 ~ 100 pcs.	30 ~ 100 pcs.	
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)

ex Example: Point Pad on Robot Hand

Point pad prevents robot hand from contacting conveyed products directly.