

Indexing Plungers

Short Threaded, Aluminum/Plastic Knob

Indexing Plungers

Compact / Long

Short Threaded, Aluminum Knob

Type	Knob	Main Body	Pin		Spring	(Lock Nut)				
Returning	Rest Position	Material	Material	Surface Treatment	Material	Hardness	Surface Treatment	Material	Material	Surface Treatment
PXSAN	PXKAN	A2017 (Black Anodize)	SUM22	Black Oxide	S45C	50~60HRC (Carburized)	Black Oxide	SUS631J1	-	-
PXSKN	PXRKN	-	-	-	-	-	-	-	SS400	Black Oxide

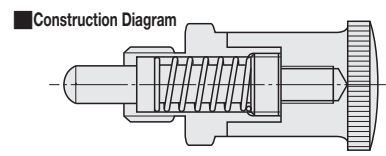
• Features of the Returning Type and Rest Position Type **P:1779**

Part Number	Type	Pitch (Fine Thread)	D	D1	B	S	L	L1	L2	L3	Sw1	Sw2	R1	Load (N)		Mass (g)		Unit Price				
														min.	max.	PXSAN	PXKAN	PXSKN	PXRKN	PXSAN	PXSKN	PXKAN
(Returning) PXSAN	(Rest Position) PXKAN	12	1.5	21	19.6	6	6	48	10	5	6	17	19	3	6.5	14.5	35	45				
PXSKN	PXRKN	16	1.5	26	21.9	8	7	56	12	6	8	19	24	4	7.5	18	60	80				

kgf=Nx0.101972

Ordering Example

Part Number: PXSAN16, PXRKN12



Short Threaded, Plastic Knob

Type	Knob	Main Body	Pin		Spring	(Lock Nut)				
Returning	Rest Position	Material	Material	Surface Treatment	Material	Hardness	Surface Treatment	Material	Material	Surface Treatment
PXSA	PXRA	Nylon 6 (Mat Black)	SUM22L	Black Oxide	S45C	50~60HRC	Black Oxide	SWP-B	-	-
PXSK	PXRK	-	-	-	-	-	-	-	S45C	Black Oxide

• Features of the Returning Type and Rest Position Type **P:1779**

Part Number	Type	Pitch (Fine Thread)	D	D1	B	S	L	L1	L2	L3	Sw1	Sw2	R	Load (N)		Mass (g)		Unit Price			
														min.	max.	PXSA	PXSK	PXRA	PXRK	PXSA	PXSK
(Returning) PXSA	(Rest Position) PXRA	12	1.5	25	19.6	6	6	45	10	5	6	17	18	7	18	35	45				
PXSK	PXRK	16	1.5	31	21.9	8	8	54	12	6	8	19	24	14	24	60	80				

kgf=Nx0.101972

Ordering Example

Part Number: PXSA16, PXRK12

Features: Has shorter length by 2/3 compared to the general indexing plungers. Can be used in narrow space.

Compact

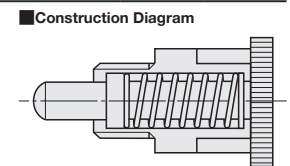
Type	Knob	Main Body	Pin		Spring	(Lock Nut)				
Returning	Rest Position	Material	Material	Surface Treatment	Material	Hardness	Surface Treatment	Material	Material	Surface Treatment
PMXSB	PMXYSB	Nylon 6	S45C	Black Oxide	SUS303	50~60HRC	Black Oxide	SUS303	-	-
PMXSM	PMXYSM	-	-	-	-	-	-	-	SS400	Black Oxide

• Features of the Returning Type and Rest Position Type **P:1779**

Part Number	Type	Pitch (Coarse)	D	D1	S	B	L	L1	SW	R	Load (N)		Unit Price				
											min	max	PMXSB	PMXSM	PMXYSB	PMXYSM	
PMXSB	PMXYSB	8	1.25	20	14.5	5	5	25	5	13	3	2.5	6.0				
PMXSM	PMXYSM	10	1.5	24	19	6	6	31	7	17	3.5	4.5	9.5				

Ordering Example

Part Number: PMXSB10



Features: Having longer mounting threads, the plunger can be mounted to a thick plate.

Long, Returning

Screw	Type	Knob	Main Body	Pin		Spring	(Lock Nut)			
		Material	Material	Surface Treatment	Material	Hardness	Surface Treatment	Material	Material	Surface Treatment
Fine Thread	PXAL	A2017 (Black Anodize)	SUM22	Black Oxide	S45C	50~60HRC	Black Oxide	SUS631J1	-	-
	PXKL		-	-	-	-	-	-	SS400	Black Oxide
	SXPAL		SUS303	-	SUS440C	45HRC~	-	-	-	-
	SXPKL		-	-	-	-	-	-	-	SUS303

⊙ For M=8 and 8L, the pin hardness is 40~45HRC.

M	Mass (g)		
	PXAL	PXKL	SXPAL
8	13	18	
10	22	29	
12	35	45	
16	78	98	

Part Number	Type	Pitch (Fine Thread)	D	D1	S	B	L	L1	L2	L3	L4	Sw1	Sw2	R	Load (N)		Unit Price			
															min.	max.	PXAL	PXKL	SXPAL	SXPKL
PXAL	PXKL	10L	1.0	18	13.8	8	5	25	5	23	5	12	17	2.5	5	11.5				
																	12	14.5		
																	12L	20		
																	16	18		
																	16L	20		
																	16L	25		

kgf=Nx0.101972

Ordering Example

Part Number: PXAL8, SXPKL16L