

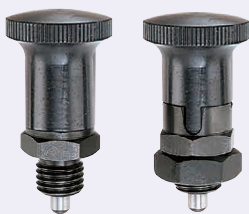
Indexing Plungers

Short Threaded, Aluminum/Plastic Knob

Indexing Plungers

Compact / Long

Short Threaded, Aluminum Knob



RoHS10

Type		Knob	Main Body		Pin		Spring	(Lock Nut)	
Returning	Rest Position	M Material	M Material	S Surface Treatment	M Material	H Hardness	S Surface Treatment	M Material	S Surface Treatment
PXSAN	PXRAN	EN AW-2017 Equiv. (Black Anodize)	EN 1.0715 Equiv.	Black Oxide	EN 1.1191 Equiv.	50~60HRC (Carburized)	Black Oxide	EN 1.4568 Equiv.	-
PXSKN	PXRKN	-	-	-	-	-	-	EN 1.0038 Equiv.	Black Oxide

Returning

PXSAN

With Lock Nut

PXSKN

Rest Position

PXRAN

With Lock Nut

PXRKN

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

Part Number		Pitch (Fine Thread)	D	D ₁	B	S	L	L ₁	L ₂	L ₃	Sw ₁	Sw ₂	R ₁	Load (N)		Mass (g)		Unit Price			
Type	M													min.	max.	PXSAN	PXRAN	PXSAN	PXSKN	PXRAN	PXRKN
(Returning) (Rest Position)	12	1.5	21	19.6	6	6	48	10	5	6	17	19	3	6.5	14.5	35	45				
PXSAN PXRAN	16	1.5	26	21.9	8	7	56	12	6	8	19	24	4	7.5	18	60	80				
PXSKN PXRKN																					

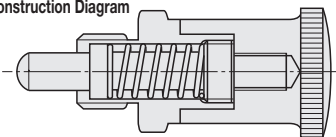
kgf=Nx0.101972



Ordering Example

Part Number
PXSAN16
PXRKN12

Construction Diagram



Short Threaded, Plastic Knob



RoHS10

Type		Knob	Main Body		Pin		Spring	(Lock Nut)	
Returning	Rest Position	M Material	M Material	S Surface Treatment	M Material	H Hardness	S Surface Treatment	M Material	S Surface Treatment
PXSA	PXRA	Nylon 6 (Mat Black)	EN 1.0715 Equiv.	Black Oxide	EN 1.1191 Equiv.	50~60HRC	Black Oxide	JIS-SWP-B	-
PXSK	PXRK	-	-	-	-	-	-	EN 1.1191 Equiv.	Black Oxide

Returning

PXSA

With Lock Nut

PXSK

Rest Position

PXRA

With Lock Nut

PXRK

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

Part Number		Pitch (Fine Thread)	D	D ₁	B	S	L	L ₁	L ₂	L ₃	Sw ₁	Sw ₂	R	Load (N)		Mass (g)		Unit Price			
Type	M													min.	max.	PXSA	PXSK	PXSA	PXSK	PXRA	PXRK
(Returning) (Rest Position)	12	1.5	25	19.6	6	6	45	10	5	6	17	18	2	7	18	35	45				
PXSA PXRA	16	1.5	31	21.9	8	8	54	12	6	8	19	24	4	14	24	60	80				
PXSK PXRK																					

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



RoHS10

Type		Knob	Main Body		Pin		Spring	(Lock Nut)	
Returning	Rest Position	M Material	M Material	S Surface Treatment	M Material	H Hardness	S Surface Treatment	M Material	S Surface Treatment
PMXSB	PMXYSB	Nylon 6	EN 1.1191 Equiv.	Black Oxide	EN 1.4305 Equiv.	50~60HRC	Black Oxide	EN 1.4301 (WPB) Equiv.	-
PMXSM	PMXYSM	-	-	Electroless Nickel Plating	-	45HRC~	-	-	-

Returning

PMXSB

Rest Position

PMXYSB

Rest Position

PMXYSM

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

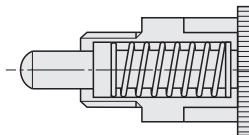
Part Number		Pitch (Coarse)	D	D ₁	S	B	L	L ₁	SW	R	Load (N)		Unit Price			
Type	M										min	max	PMXSB	PMXSM	PMXYSB	PMXYSM
Returning	8	1.25	20	14.5	5	5	25	5	13	3	2.5	6.0				
Rest Position	10	1.5	24	19	6	6	31	7	17	3.5	4.5	9.5				
PMXSB																
PMXSM																
PMXYSB																
PMXYSM																



Ordering Example

Part Number
PMXSB10

Construction Diagram



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

Long, Returning



RoHS10

Screw	Type	Knob	Main Body		Pin		Spring	(Lock Nut)	
		M Material	M Material	S Surface Treatment	M Material	H Hardness	S Surface Treatment	M Material	S Surface Treatment
Fine Thread	PXAL	EN AW-2017 Equiv. (Black Anodize)	EN 1.0715 Equiv.	Black Oxide	EN 1.1191 Equiv.	50~60HRC	Black Oxide	EN 1.4568 Equiv.	EN 1.0038 Equiv.
	PXKL	-	-	-	EN 1.4125 Equiv.	45HRC~	-	-	-
	SXPAL	-	EN 1.4305 Equiv.	-	-	-	-	-	EN 1.4305 Equiv.
	SXPKL	-	-	-	-	-	-	-	-

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

PXAL

SXPAL

With Lock Nut

PXKL

SXPKL

Mass (g)

M	PXAL	PXKL
8	13	18
10	22	29
12	35	45
16	78	98

Part Number		Pitch (Fine Thread)	D	D ₁	S	B	L	L ₁	L ₂	L ₃	L ₄	Sw ₁	Sw ₂	R	Load (N)		Unit Price			
Type	M														min.	max.	PXAL	PXKL	SXPAL	SXPKL
PXAL PXKL SXPAL SXPKL	8	1.0	15	11.5	4	4	46	22	5	20	4	10	13	2	3	9				
	8L				6		48									12				
	10	1.0	18	13.8	5	5	53	25	5	23	5	12	17	2.5	5	11.5				
	10L				8		56									16				
	12	1.5	21	16.2	6	6	64.5	30	6	27	6	14	19	3	6.5	14.5				
	12L				10		68.5									20				
	16	1.5	26	21.9	7	8	80	38	8	34.5	8	19	24	4	7.15	18				
	16L				12		85									25				

kgf=Nx0.101972



Ordering Example

Part Number
PXAL8
SXPKL16L