# **Clamp Plates for Large Position Indicator**

Standard Lever / Bearing with Housing Type

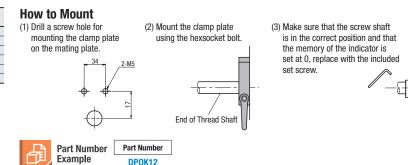


	Main Body		Cla	mp Lever	Do not use without inserting the screw shaft (empty tightening It might deform, causing it to be unusable.			
Туре	Material	Surface Treatment	Material	Surface Treatment	R might dolom, dading it to be undeable.			
DPQK	Aluminum Alloy	Black Anodize	Zinc Diecast	Baked Paint Finish				
				74.5	M5 for Hex Socket Head Cap Screw			

Part Number		Mass (g)				
Type	Type D					
	12	202				
	14	200				
DPQK	15	198				
DPQK	16	197				
	17	196				
	20	191				

#### **Features**

- Prevents rotations of the spindle due to machine vibrations.
- The screw shaft (lead screw, slide screw, etc.) can be securely locked for a long period.
- Both mounting surfaces are counterbored to enable mounting from either side.





	Main	Body	Clam	Lever	O Do not use without inserting the screw shaft (empty tightening).
Туре	Material	Surface Treatment	Material	Surface Treatment	It might deform, causing it to be unusable.
DPQKB	Aluminum Alloy	Black Anodize	Zinc Diecast	Baked Paint Finish	96.2
O Clamp L	uracy JIS B 1: evers: CLDF ( g Ring: RTWN	Tapped Type)		Į Di	

Part Number   D	lumber		D.	Mass	Bearing Used	Retaining Ring	
Туре	D	L	D <sub>1</sub>	(g)	bearing useu		
	12	31	28	308	6001ZZ	RTWN28	
DDOVD	15	33	32	312	6002ZZ	RTWN32	
DPUNB	17	34	35	318	6003ZZ	RTWN35	
	20	34	37	312	6904ZZ	RTWN37	



Part Number

Part Number

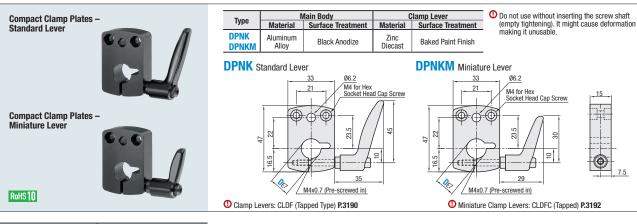
### **Components Selection List for Large Position Indicator**

	Digital	Position Indicators Large (P.844)			Clamp Plate			Lea	ad Screw (P.824–832)		
		Туре	Spindle	Туре	D		Tuno	D	Shaft End D	ia.	Pitch
Col	lor	Digit No. Rotating Direction	Pitch	Type	В	Туре		ע	V, Q, R	E (1 mm Increment)	
			3		12	Right-Hand	Left-Hand	16	10 12		3
			4		12	Thread	Thread	18	10 12		_
	0.1		4		12 14 15	MTSR_	MTSL_	20	10 12 14 15	4	
Orange	Silver DSL	D (5 D) '' D'		DDOV	12 14 15	MTSBR_	MTSBL_	22	10 12 14 15		
DPL DPR	DSR	R (5-Digit – Right-Handed Rotation) L (5-Digit – Left-Handed Rotation)	5	DPQK DPQKB	12 14 15 16 17	MTSTR_	MTSTL_	25	12 14 15 16 17	Q/2≤E≤Q−1 V/2≤E≤V−1	5
DPZ	DSZ	(3-Digit - Lett-Handed Hotation)		DPUKB	14 15 16 17 20	Right & Left	Precision Right &	28	14 15 16 17 20	V/2≤E≤V−I	
512	502				14 15 16 17 20	Hand Thread	Left Hand Thread	32	14 15 16 17 20		
			6		17 20	MTSW_	MTSY_	36	17 20		6
					20	MTSBW_	MTSBY_	40	20		

O For shaft screw end dia. 20, collar is not necessary. O D dimension of DPQKB is 12, 15, 17 and 20 only.

# **Clamp Plates for Compact Position Indicator**

Standard Lever / Miniature Lever / Bearing with Housing Type

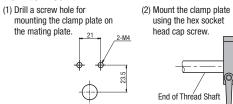


Part Number	r	Mas	s (g)
Туре	D	Standard	Miniature
Standard Lever	8	86	77
DPNK	10	85	76
Miniature Lever	12	83	74
DPNKM	14	81	72

#### Features

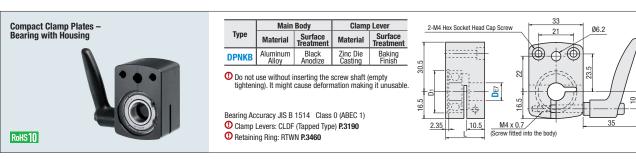
- Prevents rotations of the spindle due to machine vibrations.
- Screw Shaft (Lead Screw, Slide Screw, etc.) can be securely locked for a long period. Both mounting surfaces are counterbored to enable mounting from either side.

## How to Mount

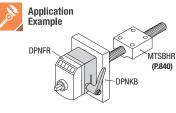


(3) Make sure that the screw shaft is in the correct position and that the memory of the indicator is set at 0, fix it with the included set screw.





Part Number Type D			D	Mass	Dearing Head	Retaining Ring	
		L	D <sub>1</sub>	(g)	Bearing Used		
	8	23	22	130	608ZZ	RTWN22	
DPNKB	10	0.4	26	133	6000ZZ	RTWN26	
	12	24	28	132	6001ZZ	RTWN28	





### Components Selectable List for Compact Position Indicator

Compact Position Indicators (P.845)			Clamp Plates		Lead Screws (P.824–832)						
		Туре	Spindle	T		75.0	_		Shaft End Dia.		Pitch
Colo	or	Digit No. Rotating Direction	Pitch	Type D		ly	Туре		V, Q, R	E (1 mm Increment)	
			2		8		I -# II I C	12	6, 8		2
		3		8, 10	Right-Hand Thread MTSR_ MTSRR	3	14	8, 10		3	
				10, 12			16	10, 12		3	
range	Silver	R (4-Digit – Right Turn)	4	DPNK	10, 12	MTSTR		18	10, 12	0/0 5 0 4	4
DPN DSN DPM DSM DPT DST	L (4-Digit – Left Turn) FR (5-Digit – Right Turn) FL (5-Digit – Left Turn)	4	DPNKM DPNKB	10, 12, 14	Right & Left Hand Screw	nd Right & Left Hand	20	10, 12, 14	Q/2≤E≤Q−1 - V/2≤E≤V−1	4	
		5		10, 12, 14			22	10, 12, 14			
	(o Bigit Lott turn)			12, 14			25	12, 14		5	
				14	MTSBW_	MTSW_ MTSY_ MTSBW MTSBY	28	14			
			6	]	14	WITODW_	MIIODI_	32	14		6

① For shaft end dia. 14 of Lead Screws, collar is not necessary. ① D dimension of DPNKB is 8, 10 and 12 only.

① For Shaft End Dia. V/O/R of Lead Screws are applicable only to One End Stepped and Both Ends Stepped. E for Shaft End Dia. is applicable to only following types: One End Double Stepped, One End Stepped - One End Double Stepped.