

POSITIONING STRAIGHT PIN SETS

— BUSHING PL INSTALLATION TYPE —



Printed in Red

The quantity discount rate is also applicable to alteration cost.
All price & lead time are to be quoted.

RoHS

TPNFC (Set)
TPNFPC (Pin only)
TPNFBC (Bushing only)

② Bushing
① Pin

N (Dismounting tap)

When positioning is begun Mold closed

Catalog No.	D	E	S
13	7	4.5	Effective holding amount
16	7	4.5	
20	10	7.5	
25	12	9.5	
30	18	14.0	

M SKD11 comparable
H 58~62HRC

Installation bolt size	M	ℓ	N (Tap)	V	ℓ ₁	R ₁	R ₂	H	F	L	Catalog No.		U/Price for 1~9	
											Type	D	E	TPNFC (①+② Set)
M4	4	10	M 5	7	1.0	0.5	0.8	5	6	14.5	TPNFC (①+② Set)	13	7	Quotation
								6	9	19.5		16		
M5	5		M 6	13				8	11	24.5	TPNFPC (①Pin)	20	10	
M6	6	12	M 8	16							TPNFBC (② Bushing)	25	12	
M8	8	16	M10	20	2.0	1.0	1.5	11	17	34		30	18	

Order Catalog No. — **E**

TPNFC 20 — 10

• Printed in Red • Printed in Blue

Delivery SGP Stock **5** Days Express A

☎ For area out of Singapore please refer to P.I.

Alterations Catalog No. — **E** — (PLC...etc.)

TPNFC 16 — 7 — BLK

Quantity discount rate

Quantity	1~9	10~19	20~29	30~50
Rate	—	5%	10%	15%

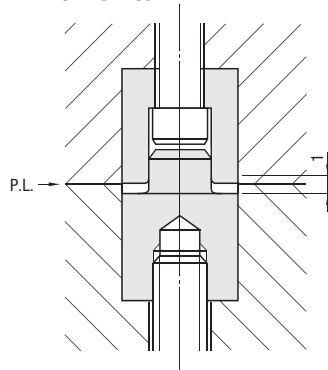
Characteristics

- Makes the maintenance easier because it can be installed and removed from PL side.
- It is capable of preventing wear and damage in core pins, since it can be positioned before core pins are inlaid.

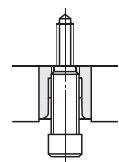
When using

- Having pin side and bushing side in contact when mold is closed may cause damage. Please leave a clearance of about 1mm on PL.
- Use precision leader pins since clearance is fairly small.

How to Mount



<About N dimension>



As shown in the figure above, the bushing can be easily removed by screwing a bolt into its tap (N) and extracting it.

Alterations	Code	Spec.	Price
	PLC	Shortens the pin's L dimension. PLC=0.1mm increments L-5≤PLC<L Ⓢ The tap depth becomes shorter by (L-PLC). Ⓢ Available also for a set.	Quotation
	BLK	Changes the pin's L dimension tolerance. +0.2 +0.02 L+0.1 → L 0 Ⓢ Available also for a set. To change the pin length (L) tolerance as well, combine alteration PLC.	
	PLK	Changes the pin's L dimension tolerance. +0.2 +0.02 L+0.1 → L 0 Ⓢ Available also for a set. To change the pin length (L) tolerance as well, combine alteration BLK.	