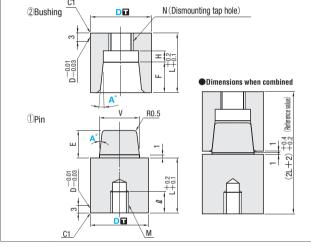


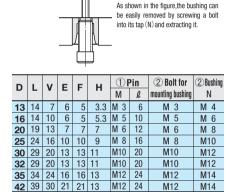
All price & lead time are to be quoted.

The volume discount rate is also applicable to alteration cost.



	Group	Catalog No.			-	Components concentricity of tapered section		
		Set	Pin only	<b>Bushing only</b>		to the diameter of pin and bushing	M	3
	Chandand	TPNC	_	_	<b>D</b> k6	(Match mark type)	SKD11 comparable	58~62HRC
	Standard	TPV	TPVP	TPVB	<b>Б</b> кь	0.01 or less		
ı	Precision	VTPV	VTPVP	VTPVB	<b>D</b> <sup>+0.005</sup>	0.005 or less	OND I I comparable	
I	Extra Precision	ZTPV	ZTPVP	ZTPVB	0 ط	0.003 or less		





●About N dimension

■ Standard Dk6 · match mark type								
Dk6		Catalog I	No.	A°	U/Price			
	<b>D</b> к6	Type D			1∼9 sets			
13	+0.012		13	1 3				
16	+0.001		16					
20	10015		20					
25	+0.015 +0.002	TPNC	25		( Quotation )			
30	1 0.002	IFNC	30					
32	+0.018 +0.002		32	5				
35			35					
42	1 0.002		42					

Dk6		Catalog No.		A°	U/Price for 1~9	
		Type	D	А	(1)+(2) Set	①Pin②Bushin
13	+0.012		13			
16	+0.001	<b>TPV</b> (1)+(2)Set)	16			
20		TPVP	20	1		
25	+0.015 +0.002	(①Pin)	25	3	Quo	tation
30		TPVB	30	5		
32	+0.018	(②Bushing)	32			
35	+0.002		35			

Precision $D_0^{+0.005}$ • component concentricity 0.005 or less							
D tolerance	Catalog N	۱o.		U∕Price for 1∼9			
Diolerance	Type	D	A°	(1)+2) Set	1)Pin2Bushing		
	VTPV	13					
	(1)+(2)Set)	16	1				
+0.005 0	VTPVP (①Pin)	20	3	<b>Q</b> uot	tation )		
	VTPVB	25	5				
	(②Bushing)	30					

		pone	THE GUILGE	ntricity 0.003	or iess
D tolerance	Catalog No.		_ 0	U/Price for 1~9	
	Туре	D	Α	(1)+2)Set	1)Pin2Bushing
	ZTPV	16			
_	ZTPVP	20	1		
+0.005 0		25		( Quotation )	
		30	3		
	(②Bushing)	35			
		Type  ZTPV (①+②Set)  ZTPVP (①Pin)  ZTPVB	Type D  ZTPV (①+2Set)  ZTPVP (①Pin)  ZTPVB	Type D A  ZTPV 16 (①+②Set) 20 ZTPVP 25 ZTPVB 30	Type D A (1+2)Set    ZTPV

- Before using a TPNC(match mark type), align the match marks.
- If you select a pin independently, use a combination of a pin and bushing of the same accuracy.















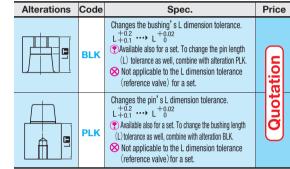


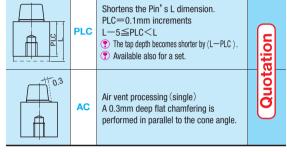


Iterations	Code	Spec.	Price
	PLC	Shortens the Pin's L dimension. PLC=0.1mm increments $L-5 \le PLC < L$ The tap depth becomes shorter by (L-PLC).  Available also for a set.	ation )
0.3			lot

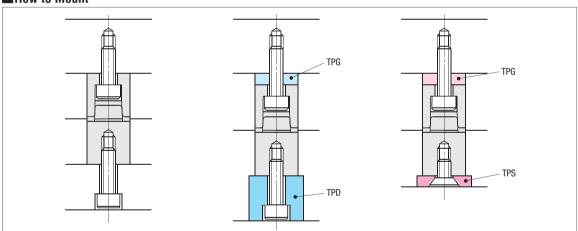


5 Days Express A To For area out of Singapore please refer to P.i.

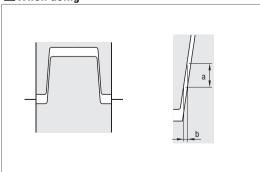




## **■**How to Mount



## **■**When using



When the matching cone angle is large, the height of tapered pin and bushing must be adjusted so that they fit more tightly. On the other hand, it is necessary to take possible sticking of the pin and bushing into consideration when the angle is small. At 1° taper (also 3° taper in some cases), sticking can be avoided by setting them slightly afloat as shown in the figure. When the angle is small, the creep of the height (a in the left drawing) against the width (b in the left drawing) is also small so that there is no need to worry about positioning inaccuracies.

## Value b to error a

Angle	0.1	0.3	0.5
1°	0.0018	0.005	0.009
3°	0.005	0.016	0.026

77 Stocks Availability Subjected to Prior Sales. 78