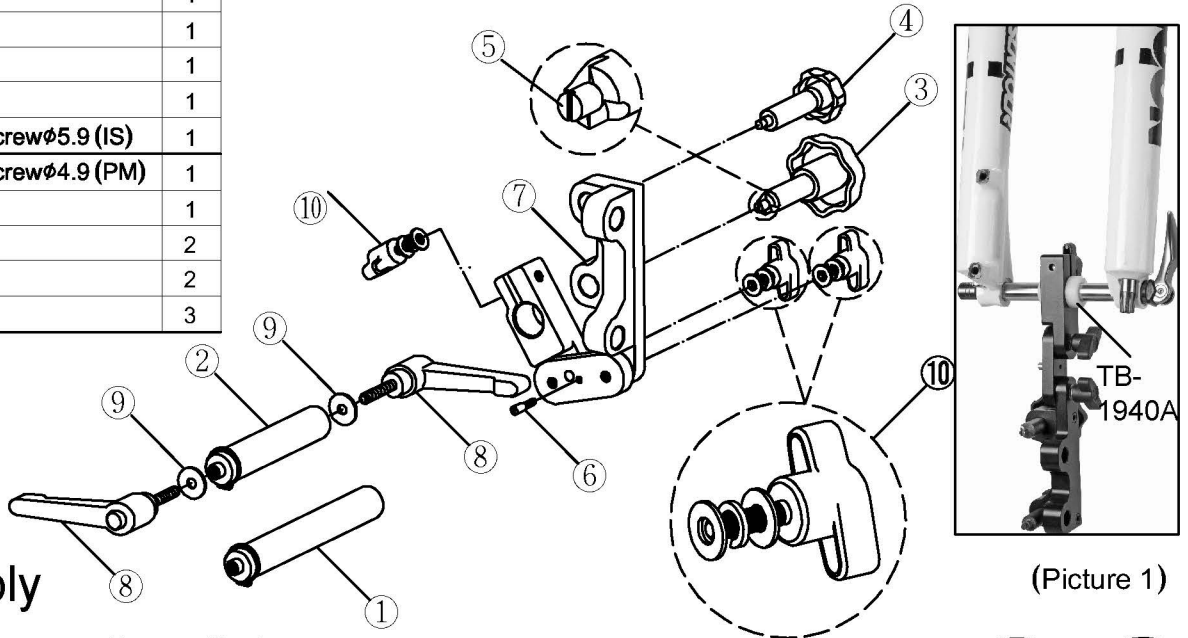


# 1 Parts Description

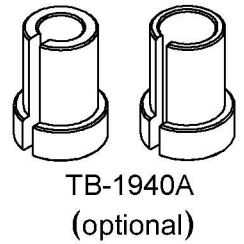
Visit operation detail at Super B  
Website: <http://www.superbiketool.com/>,  
Click Product ➔ Disc brake & Brake ➔ 1. ➔ TB-1940

NO	PART	Q'TY
①	Rear axle 135L	1
②	Front axle 100L	1
③	Facing cutter	1
④	Positioning shaft	1
⑤	Cutter positioning screw $\phi 5.9$ (IS)	1
⑥	Cutter positioning screw $\phi 4.9$ (PM)	1
⑦	Body	1
⑧	Handle	2
⑨	Washer	2
⑩	Positioning knobs	3

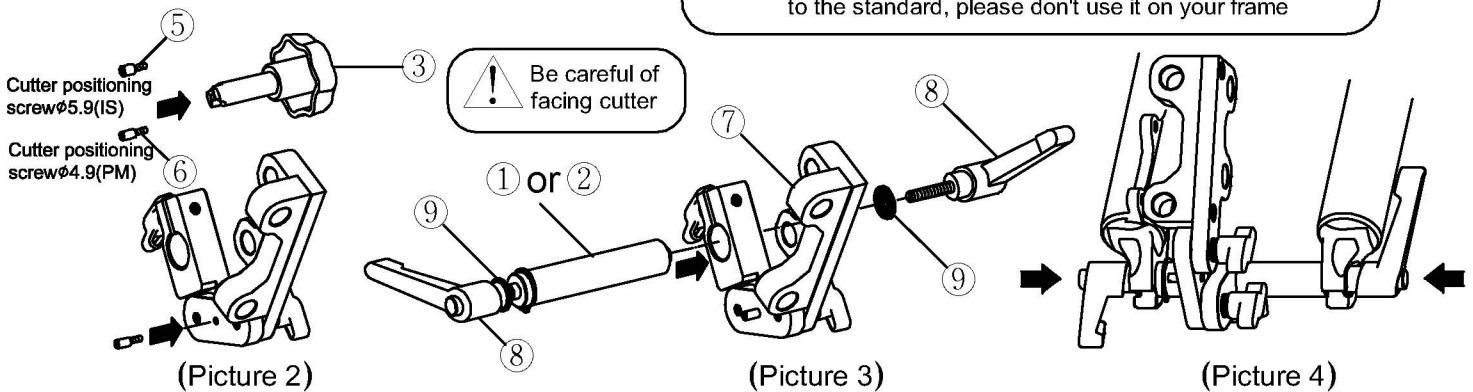


# 2 Assembly

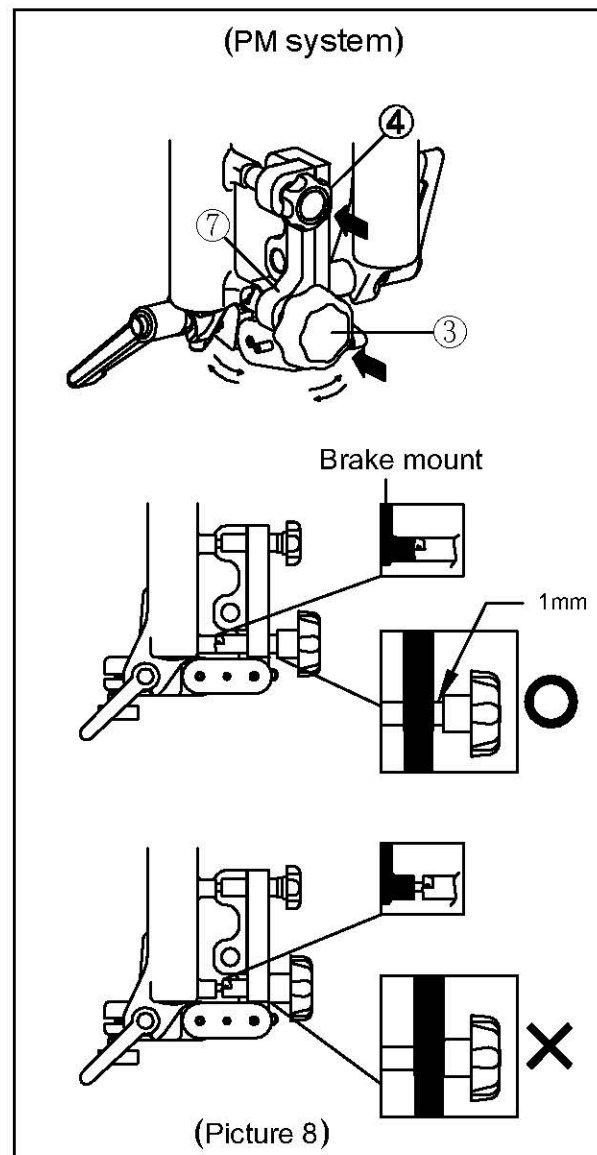
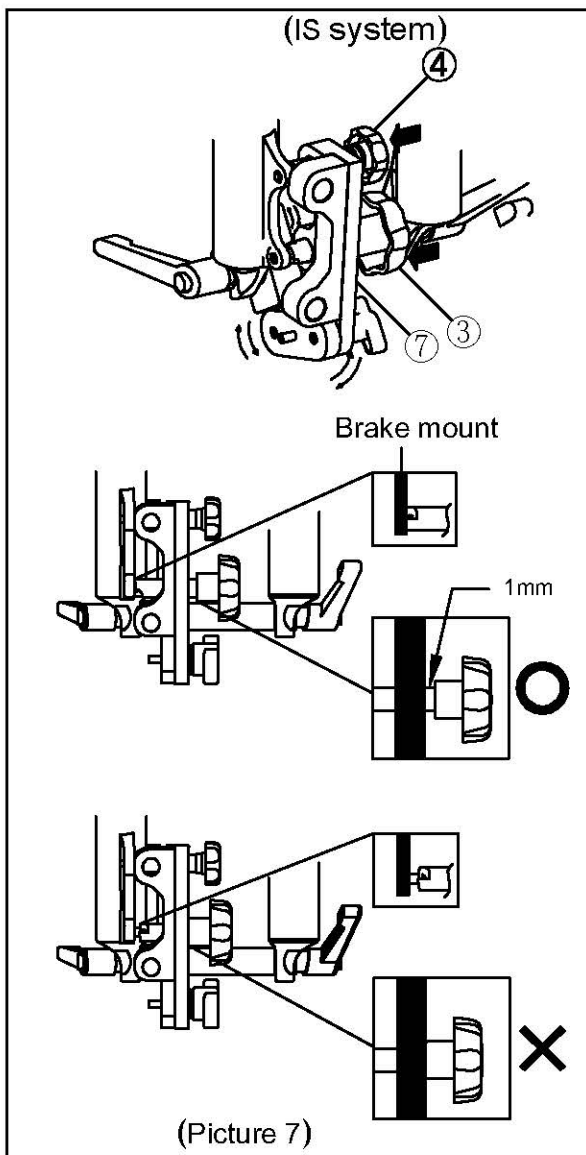
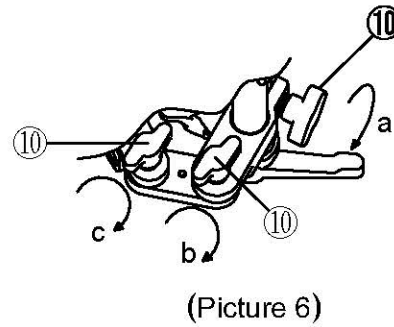
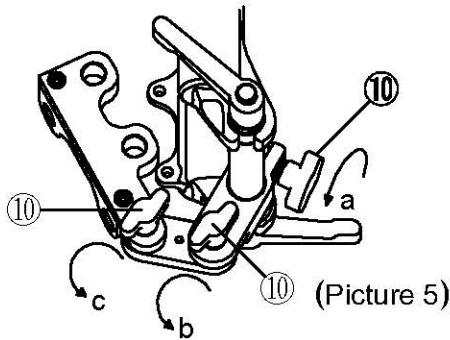
- Select the proper cutter positioning screw:
  - 1-1. If the disc brake mount is IS (International standard), please work with cutter positioning screw  $\phi 5.9$  ⑤.
  - 1-2. If the disc brake mount is PM (Post Mount), please work with cutter positioning screw  $\phi 4.9$  ⑥.
- Fasten one proper cutter positioning screw ⑤ or ⑥ into the facing cutter ③ with screwdriver and fasten the other one into the body ⑦ to avoid missing. (see picture 2)
- Assemble axle ① or ②、body ⑦、washer ⑨ and handle ⑧. (see picture 3):
  - 3-1. If it is the normal frame and the front fork dropout end is 9mm, please select the axle ① or ② and put it through the body ⑦.
  - 3-2. If the dropout end is 12mm or 15mm, please select adaptors bushing (TB-1940A) (optional). Assemble the adaptors bushing with the body ⑦ and then work with 12mm or 15mm thru-axle. (see picture 1)
  - 3-3. If the dropout end is 20mm, please directly assemble body ⑦ with the 20mm thru-axle which is already installed on front fork or frame.
- Mount the assembled body ⑦ into the frame, make sure the axle contacts the frame and the bottom of dropout securely, and then firmly tighten it with handles ⑧. (see picture 4)



**!** Please measure the width of the brake mount before assembly. It has to be above the standard so disc brake mount facing tool is compatible. If it is below or equal to the standard, please don't use it on your frame



5. Loosen the positioning knobs ⑩ and adjust the space between body ⑦ and brake mount. (see picture 5)
6. Put the facing cutter ③ and positioning shaft ④ through the holes of body ⑦, adjust the body, to make the facing cutter and positioning shaft could be inserted into the holes of brake mount. (see picture 7&8)
7. Make sure the bottom of facing cutter ③ and positioning shaft ④ can both be inserted into the holes of brake mount. (see picture 7&8)
8. Make sure the bottom of facing cutter ③ has touched the brake mount and saved about 1mm space between facing cutter ③ and body ⑦. (see picture 7&8)
9. Tighten the positioning knobs ⑩ in order a-b-c. (see picture 6)

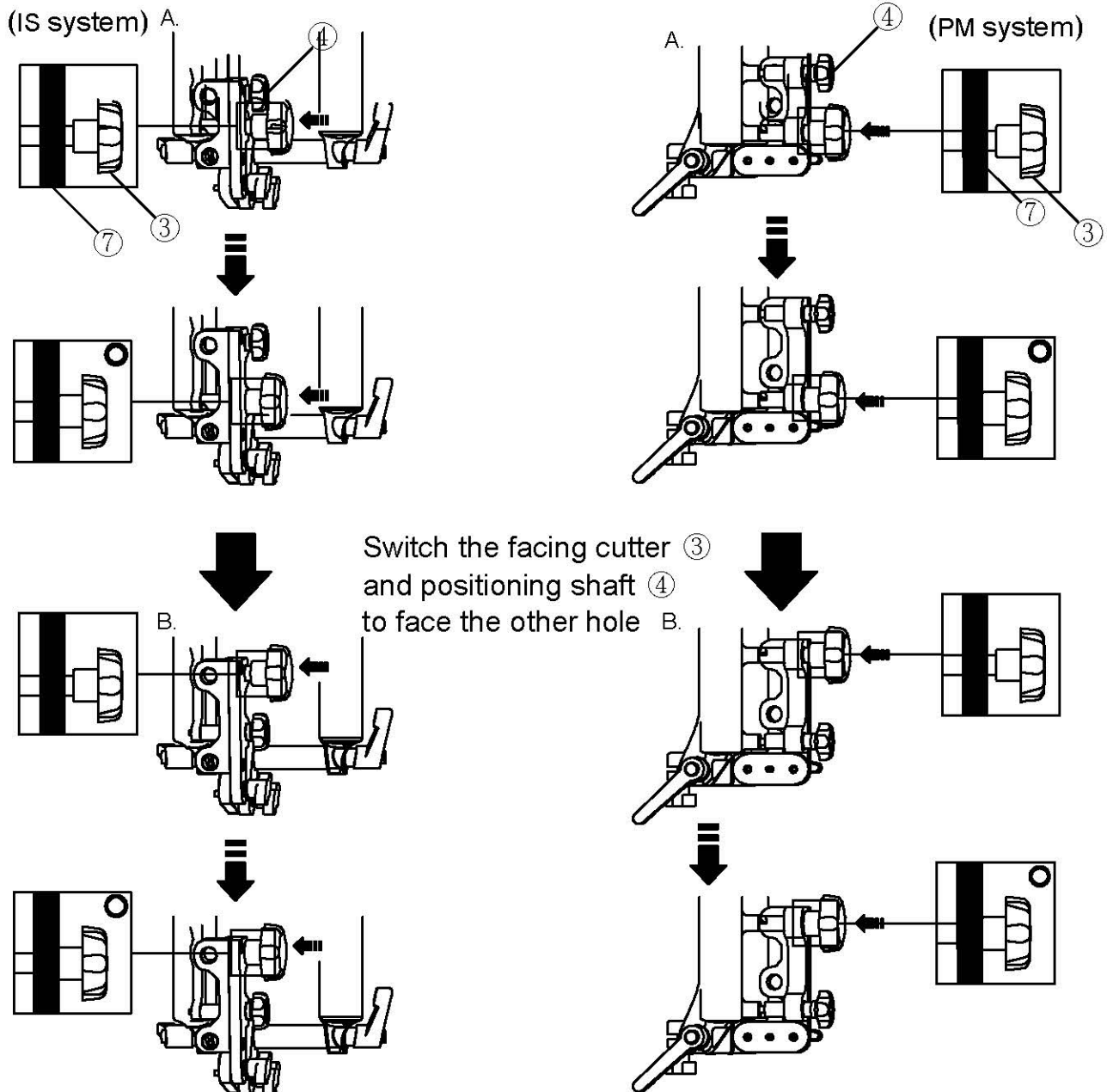


### 3 Instruction

⚠ Counter-clockwise rotating the facing cutter is prohibited. Caution with the facing cutter

⚠ Continually apply cutting fluid to both facing cutter and brake mount while facing

1. Clockwise rotate the facing cutter ③ till it touches the body ⑦.
2. Switch the facing cutter ③ and positioning shaft ④ to face the other hole. Then, clockwise rotate the facing cutter till it touches the body ⑦.
3. Make sure that the surface of brake mount has a clean and flat cut.
4. If not, please repeat steps 5~9 of [2] Assembly and steps 1~2 of [3] Instruction till the surface of brake mount is flat evenly.



### 4 Notice

⚠ Please don't face the brake mount below standard of fork manufacturer

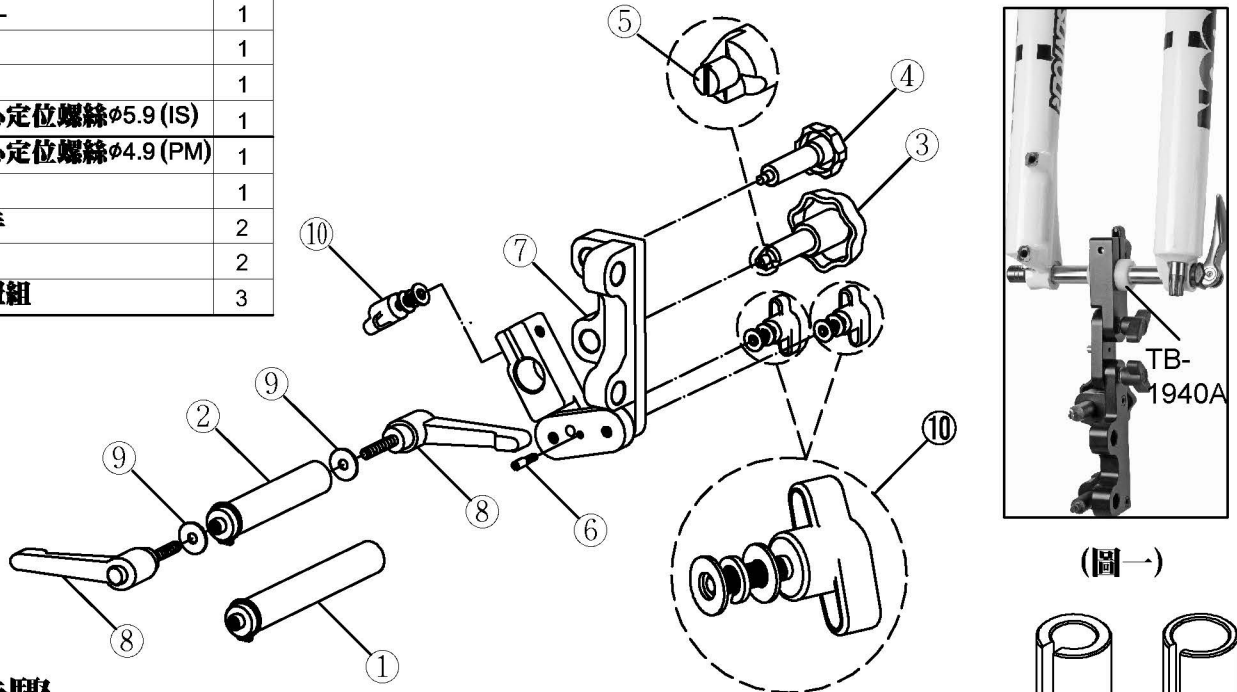
1. Please keep measuring the width of brake mount while facing.
2. Applying to IS system, please measure the thickness of brake mount and make sure it meets the standard of fork manufacturer.
3. Applying to PM system, please measure the hole depth of brake mount and make sure it meets the standard of fork manufacturer.

## 1 零件名稱及數量

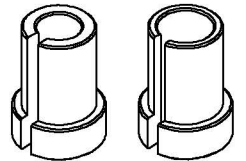
編號	名稱	數量
①	後軸135L	1
②	前軸100L	1
③	銑刀	1
④	定位柱	1
⑤	刀頭中心定位螺絲φ5.9 (IS)	1
⑥	刀頭中心定位螺絲φ4.9 (PM)	1
⑦	主體	1
⑧	萬向把手	2
⑨	墊片	2
⑩	定位旋鈕組	3

詳細操作影片請至 Super B

官網 <http://www.superbiketool.com/> 觀看，點擊  
Product → Disc brake & Brake → 1. → TB-1940



(圖一)



TB-1940A  
(選配)

## 2 組裝步驟

### 1. 選擇定位螺絲：

- 1-1. 當車架碟煞基座為 IS (International standard) 規格時，選擇刀頭定位螺絲φ5.9⑤。
- 1-2. 當車架碟煞基座為 PM (Post Mount) 規格時，選擇刀頭定位螺絲φ4.9⑥。

### 2. 使用螺絲起子將刀頭定位螺絲⑤或⑥鎖入銑刀③的頭部，再將未使用的刀頭定位螺絲鎖在主體⑦上避免遺失。(如圖二所示)

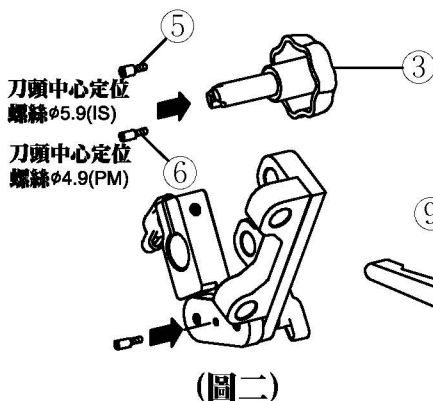
### 3. 組裝軸心①或②、主體⑦、墊片⑨與萬向把手⑧(如圖三所示)：

- 3-1. 當車架為一般型車架勾爪寬度 9mm 時，請選擇軸心①或②穿過主體⑦。
- 3-2. 當使用於 12mm 或是 15mm 直通軸心時請選購 TB-1940A (選配) 軸心墊片，將軸心墊片與主體結合，再與 12mm 或是 15mm 直通軸心結合。(如圖一所示)
- 3-3. 當使用於 20mm 直通軸心時，請直接使用前叉或車架所附的 20mm 軸心與主體⑦結合。

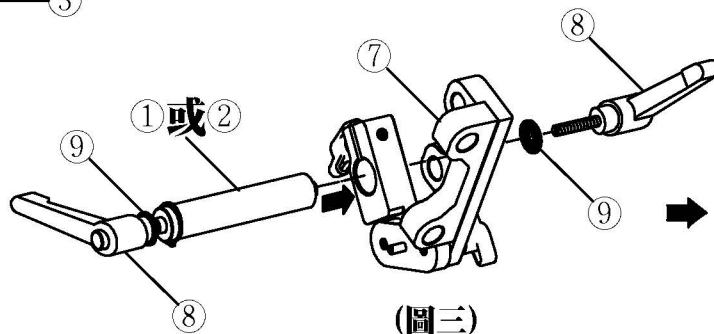
### 4. 將組裝完成的主體⑦固定於車架上，確認軸心緊靠於車架並且皆接觸勾爪底部後，使用萬向把手⑧固定軸心於車架上。(如圖四所示)

⚠ 請小心刀口避免割傷

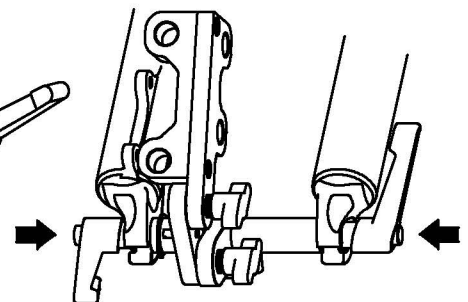
⚠ 組裝前，請測量碟煞基座寬度。寬度須大於標準值才能使用碟煞基座銑面工具。若小於或等於標準值請勿使用此工具



(圖二)

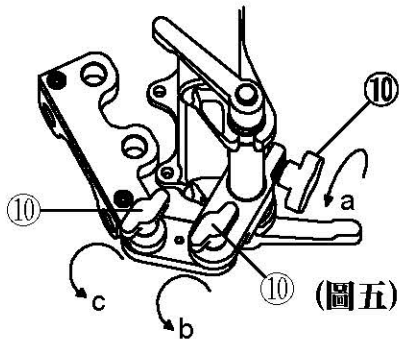


(圖三)

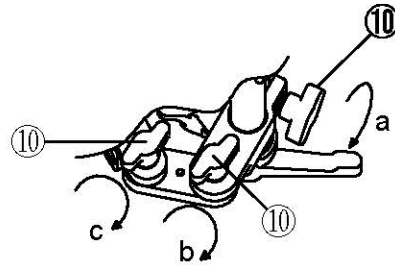


(圖四)

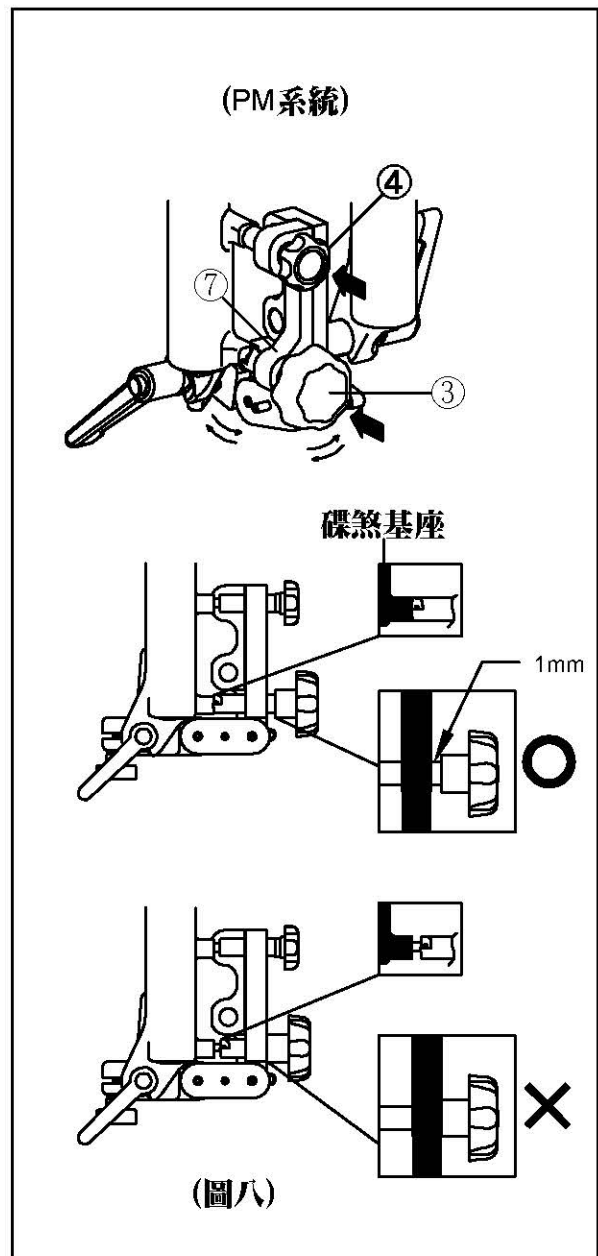
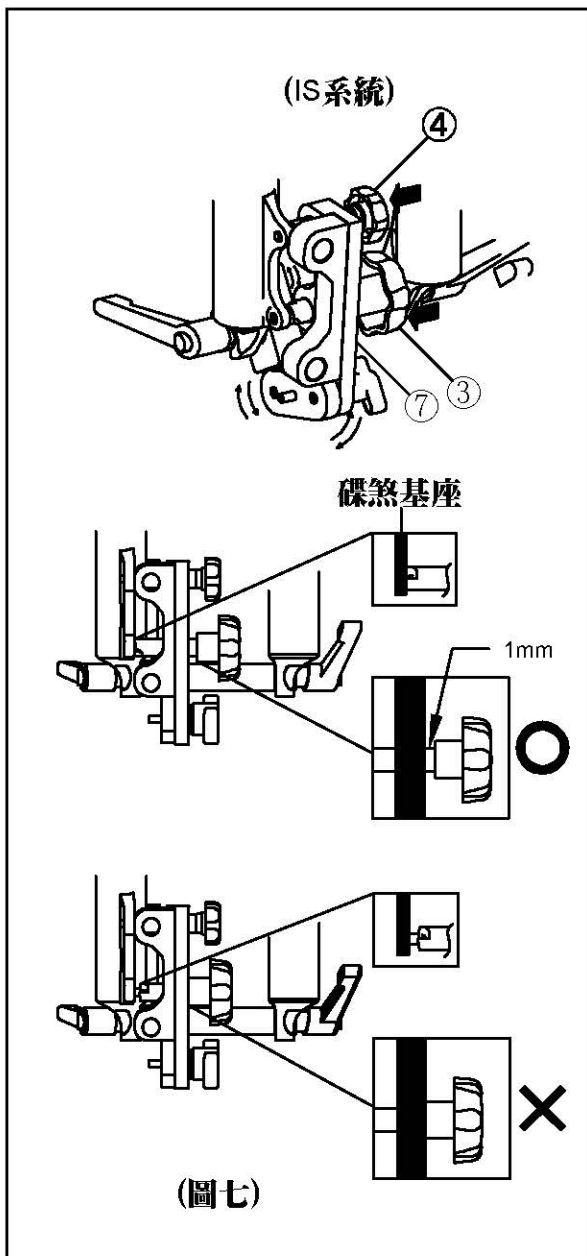
5. 將定位旋鈕組⑩放鬆，調整主體⑦與碟煞基座之位置。(如圖五所示)
6. 將銑刀③與定位柱④穿過主體⑦圓孔，並調整主體位置將銑刀與定位柱穿入碟煞基座的孔位。(如圖七、八所示)
7. 確認銑刀③與定位柱④可以同時穿過主體⑦與穿入碟煞基座。(如圖七、八所示)
8. 確認銑刀③底部已接觸碟煞基座，且銑刀③與主體⑦間有約1mm的間隙。(如圖七、八所示)
9. 將定位旋鈕組⑩依序a-b-c鎖緊。(如圖六所示)



(圖五)



(圖六)



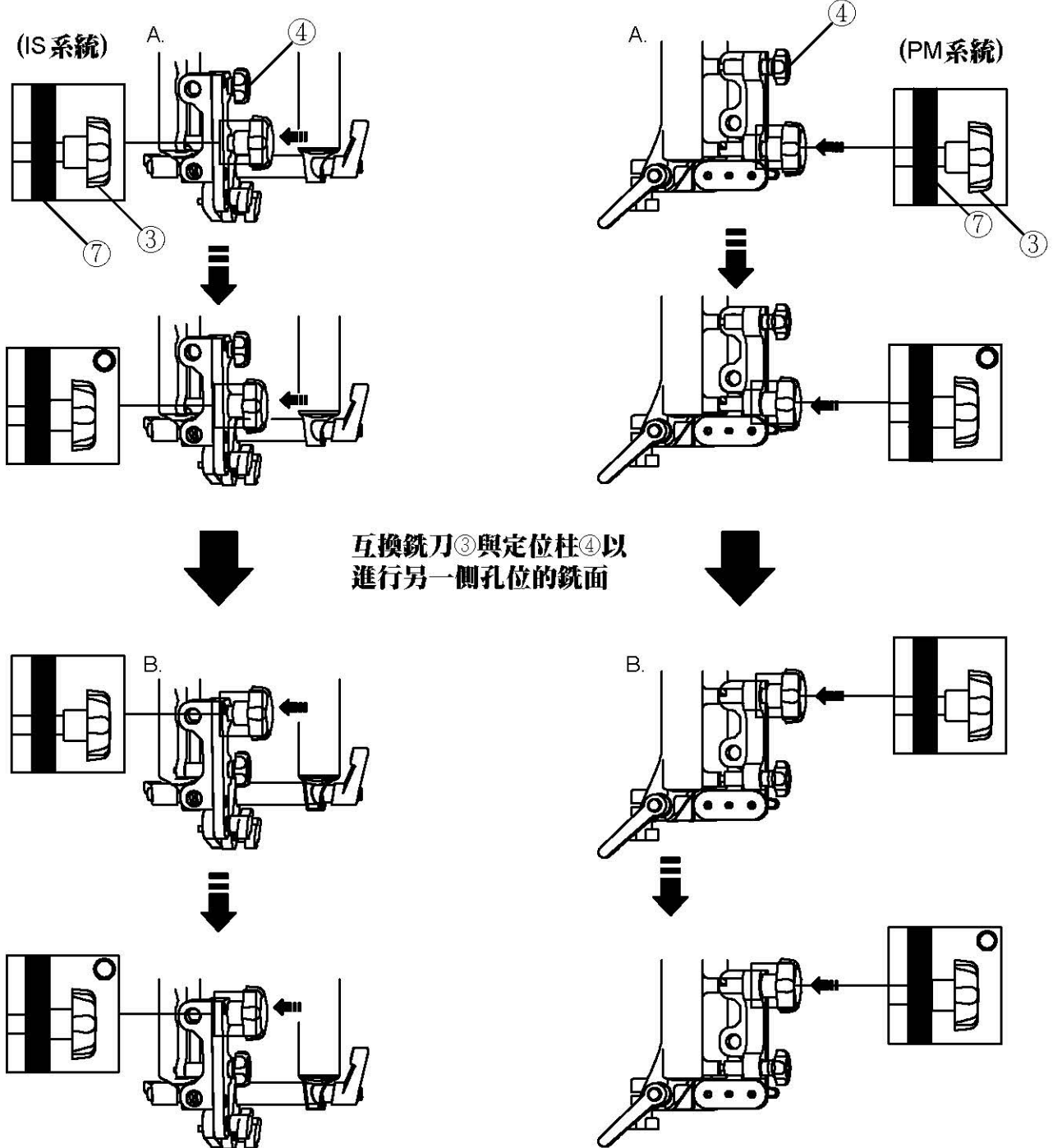
3

使用說明

⚠ 請勿逆時針旋轉銑刀  
並小心刀口避免割傷

⚠ 銑面過程中需不斷加入切削油

1. 順時針旋轉銑刀③直到銑刀接觸主體⑦。
2. 互換銑刀③與定位柱④以進行另一側孔位的銑面，再順時針旋轉銑刀直到銑刀接觸主體⑦。
3. 檢查碟煞基座表面，確認表面已經平整。
4. 若碟煞基座表面仍然不平整，請重複 [2] 組裝步驟5~9與 [3] 使用說明1~2直到碟煞基座表面已經平整。



互換銑刀③與定位柱④以進行另一側孔位的銑面

4

注意事項

⚠ 請勿將碟煞基座銑至低於標準值

1. 銑面時，請持續測量碟煞基座。
2. 使用於IS系統時，請測量碟煞基座厚度，是否合於製造商規範。
3. 使用於PM系統時，請測量碟煞基座孔深度，是否合乎製造商規範。