

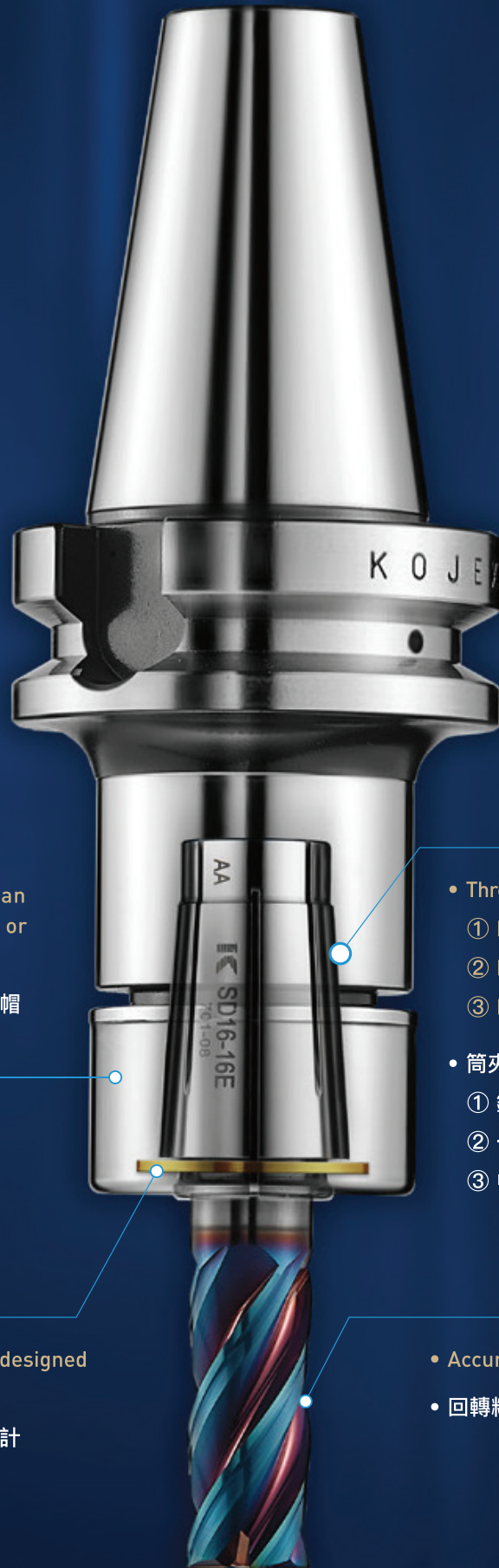
# SD

EVERY PRODUCT OF KOJEX  
UNDER THE FULL QUALITY  
ASSURANCE OF  
STRICT EXAMINATION.

每一件廣傑產品  
均經嚴格品質檢驗







- The clamping nut can choose circular nut or hexagonal nut.
- 螺帽可以選擇全圓螺帽或六角螺帽

- Three types of collets to choose :
  - ① For End mill
  - ② For gripping all type of tools
  - ③ For coolant supply

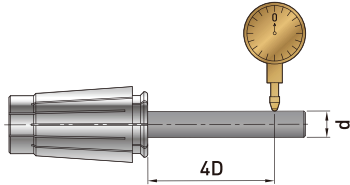
- 筒夾規格完整,有三大系列 :
  - ① 銑刀專用
  - ② 一般泛用
  - ③ 中心出水

- The clamping nut is designed with flat bearing.
- 螺帽有軸承墊片的設計

- Accuracy < 0.005mm [ 4XD ]
- 回轉精度在0.005mm以下 ( 4XD )

## RUN OUT

Accuracy within 0.005mm at 4 times length of cutter edge to ensure uniform an even cutting action, increasing cutting speed and tool life.



## 回轉精度

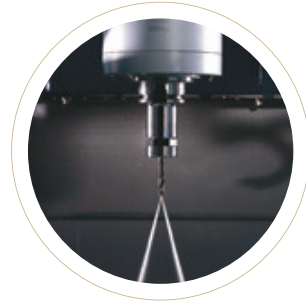
4倍刃長精度在0.005mm以內，確保切削時每刃刀口的均勻切削，可使切削速度提高及刀具壽命增加。

## COLLET WITH COOLANT SUPPLY

This is Kojex's original designed with coolant supply, simple and convenient for using, which must be used in combination with the nut.

### 中心出水筒夾

這是KOJEX獨創的中心出水夾頭，它必須與螺帽合為一組使用，簡單方便。

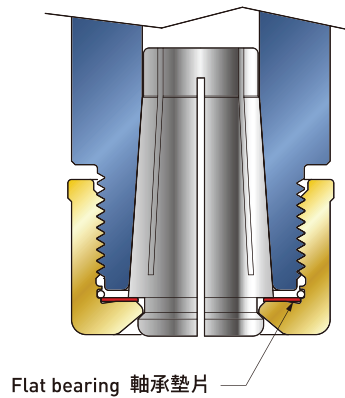


## THE CLAMPING NUT IS DESIGNED WITH FLAT BEARING

The bearing nut can increase the clamping force more than 30% and avoid the distortion and deformation of the collet.

### 螺帽有軸承墊片的設計

可以增加30%以上的鎖固力量及避免筒夾的扭曲變形。

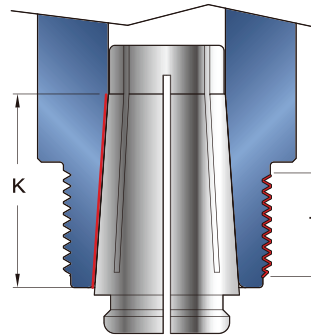


## SPECIAL FOR END MILL

This is a one-to-one special collet. The maximum locking area of screw teeth [T] and 95% taper area of the collet [K] is covered the collet chuck when the milling process has excellent vibration damping of performance.

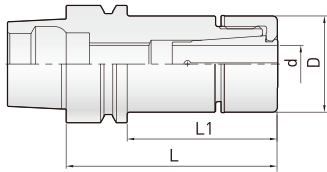
### 銑刀專用的筒夾

這是一對一的專用筒夾，筒夾的斜面 [K] 95% 面積，可與本體貼合，螺牙鎖固面積 [T] 加大，銑刀加工時，具有極佳的阻尼減震效果。

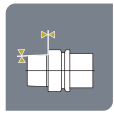


# SD PLUS CHUCK (AM TYPE)

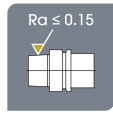
SD 高精度夾頭刀柄 (AM型)



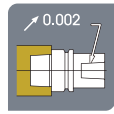
F Type Collet / F型 筒夾



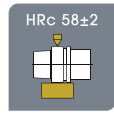
Dual face contact  
兩面接觸



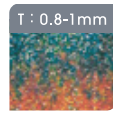
Surface roughness  
表面粗度



Run out accuracy  
內孔偏擺度



Surface hardness  
表面硬度



Carbonized depth  
滲碳深度

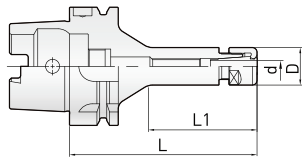
Order Code 訂購編號	Range(d) 夾持範圍	L	L1	D	Min <sup>+</sup> G2.5 動態平衡	Nut 螺帽	Spanner 扳手
HSK40E-SD10-70AM	2~10	70	50	30	42,000	CN-SD10AM	30194-830
SD13-70AM	3~13	70	50	35	42,000	CN-SD13AM	30194-835
SD16-70AM	4~16	70	50	42	42,000	CN-SD16AM	30194-842
HSK50E-SD10-70AM	2~10	70	44	30	36,000	CN-SD10AM	30194-830
SD13-70AM	3~13	70	44	30	36,000	CN-SD13AM	30194-835
SD16-70AM	4~16	70	44	35	36,000	CN-SD16AM	30194-842

- Clamping nut design by circular cylinder. Bearing spanner must be used.
- Three types of collet to choose from (1) D type for gripping all type of tools. (2) E type for End mill. (3) F type for coolant supply.
- Bearing spanner and stop screw must be ordered separately.
- The circular nuts can be replaced with the hexagonal nuts.
- 全圓螺帽，必須使用軸承扳手。
- 筒夾有三種類別可選擇 (1) D型：可夾持任何刀具 (2) E型：銑刀專用 (3) F型：中心出水刀具使用。
- 軸承扳手及止動螺絲必須另外訂購。
- 全圓螺帽可以換成六角螺帽。

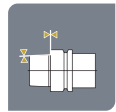


# SD PLUS CHUCK (AC TYPE)

SD 高精度夾頭刀柄 (AC型)



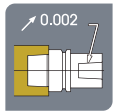
F Type Collet / F型 筒夾



Dual face contact  
兩面接觸



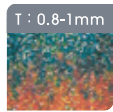
Surface roughness  
表面粗度



Run out accuracy  
內孔偏擺度



Surface hardness  
表面硬度



Carbonized depth  
滲碳深度

Order Code 訂購編號	Range(d) 夾持範圍	L	L1	D	Min <sup>1</sup> G6.3 動態平衡	Nut 螺帽	Spanner 板手
HSK63A-SD10-100	2~10	100	74	29	30,000	CN-SD10A	30194-925
SD13-100	3~13	100	66	37	30,000	CN-SD13A	30194-932
SD16-100	4~16	100	74	41	30,000	CN-SD16A	30194-936
SD20-100	6~20	100	74	50	30,000	CN-SD20A	30194-702
HSK100A-SD16-100	4~16	100	56	41	20,000	CN-SD16A	30194-936

- Three types of collet to choose from (1) D type for gripping all type of tools. (2) E type for End mill. (3) F type for coolant supply.
- Three types of collet to choose from (1) D type: 可夾持任何刀具 (2) E型: 銑刀專用 (3) F型: 中心出水刀具使用。
- Spanner and stop screw must be ordered separately.
- 扳手及止動螺絲必須另外訂購。
- The hexagonal nuts can be replaced with the circular nuts.
- 六角螺帽可以換成全圓螺帽。



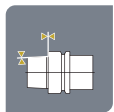
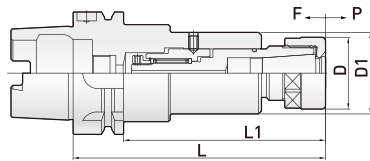
SD

HSK

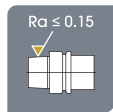
A 63 / 100

# WSD SYNCHRO TAPPING CHUCK

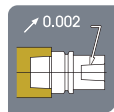
WSD 同步攻牙刀柄 (鋼性攻牙)



Dual face contact  
兩面接觸



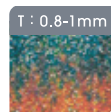
Surface roughness  
表面粗度



Run out accuracy  
內孔偏擺度



Surface hardness  
表面硬度



Carbonized depth  
滲碳深度

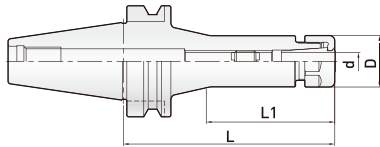
Order Code 訂購編號	Tap 絲攻範圍	F 壓縮量	P 伸長量	L	L1	Nut 螺帽	Spanner 扳手
HSK63A-WSD6-130	M1~M5	0.5	1.0	130	104	CN-SD6A	30194-917
WSD10-130	M3~M10	0.5	1.0	130	104	CN-SD10A	30194-925
WSD13-130	M6~M16	0.5	1.0	130	104	CN-SD13A	30194-932

- With the compression compensation at 0.5mm an accurate thread is maintained ; this is also maintained with the 1mm compensation with the chuck is in tension.
- Internal buffer spring allows compression compensation which reduces the torque by up to 1/3.
- By reducing the torque this increases the quantity and the accuracy of the tapped hole.
- The increase in alignment accuracy extends the life of the tap and improves thread quality.
- 同步攻牙刀柄，壓縮方向補償0.5m/m，拉伸方向補償1m/m給同步(鋼性)攻牙誤差進行補正。
- 壓縮方向補償可使攻牙負荷降低至普通同步攻牙負荷的1/3。
- 拉伸方向補償可使反轉時扭力大幅降低，絲攻不易斷裂。
- 高精度心軸結合，使間隙降至最小，提升攻牙的對心精度。

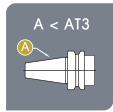


# SD PLUS CHUCK (AC TYPE)

SD 高精度夾頭刀柄 (AC型)



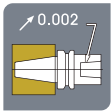
F Type Collet / F型 筒夾



Taper tolerance  
錐度公差



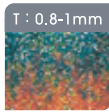
Surface roughness  
表面粗度



Run out accuracy  
內孔偏擺度



Surface hardness  
表面硬度



Carbonized depth  
滲碳深度

Order Code 訂購編號	Range(d) 夾持範圍	L	L1	D	Min <sup>1</sup> G6.3 動態平衡	Nut 螺帽	Spanner 板手
<b>BT30-SD6-90</b>	2~6	90	50	20	15,000	CN-SD6A	30194-917
SD10-60	2~10	60	38	29	15,000	CN-SD10A	30194-925
SD10-90	2~10	90	68	29	15,000	CN-SD10A	30194-925
SD13-75	3~13	75	50	37	15,000	CN-SD13A	30194-932
SD16-60	4~16	60	38	41	15,000	CN-SD16A	30194-936
SD16-90	4~16	90	68	41	15,000	CN-SD16A	30194-936
SD20-60	6~20	60	37	50	15,000	CN-SD20A	30194-702
<b>BT40-SD6-90</b>	2~6	90	50	20	12,000	CN-SD6A	30194-917
SD10-60	2~10	60	33	29	12,000	CN-SD10A	30194-925
SD10-90	2~10	90	63	29	12,000	CN-SD10A	30194-925
SD10-120	2~10	120	93	29	12,000	CN-SD10A	30194-925
SD13-75	3~13	75	40	37	12,000	CN-SD13A	30194-932
SD13-90	3~13	90	55	37	12,000	CN-SD13A	30194-932
SD13-120	3~13	120	85	37	12,000	CN-SD13A	30194-932
SD16-60	4~16	60	33	41	12,000	CN-SD16A	30194-936
SD16-90	4~16	90	63	41	12,000	CN-SD16A	30194-936
SD20-90	6~20	90	63	50	12,000	CN-SD20A	30194-702
<b>BT50-SD10-100</b>	2~10	100	62	29	10,000	CN-SD10A	30194-925
SD10-150	2~10	150	70	29	10,000	CN-SD10A	30194-925
SD13-100	3~13	100	47	37	10,000	CN-SD13A	30194-932
SD13-150	3~13	150	97	37	10,000	CN-SD13A	30194-932
SD16-100	4~16	100	62	41	10,000	CN-SD16A	30194-936
SD16-150	4~16	150	112	41	10,000	CN-SD16A	30194-936
SD20-100	6~20	100	62	50	10,000	CN-SD20A	30194-702
SD20-150	6~20	150	112	50	10,000	CN-SD20A	30194-702

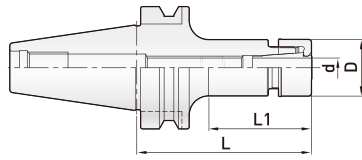


- Three types of collet to choose from (1) D type for gripping all type of tools. (2) E type for End mill. (3) F type for coolant supply.
- Spanner and stop screw must be ordered separately.
- 筒夾有三種類別可選擇 (1) D型：可夾持任何刀具 (2) E型：銑刀專用 (3) F型：中心出水刀具使用。
- 扳手及止動螺絲必須另外訂購。

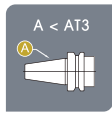


## SD PLUS CHUCK (AM TYPE)

SD 高精度夾頭刀柄 (AM型)



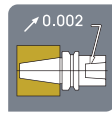
F Type Collet / F型筒夾



Taper tolerance  
錐度公差



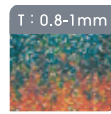
Surface roughness  
表面粗度



Run out accuracy  
內孔偏擺度



Surface hardness  
表面硬度



Carbonized depth  
滲碳深度

Order Code 訂購編號	Range(d) 夾持範圍	L	L1	D	Min <sup>-1</sup> G2.5 動態平衡	Nut 螺帽	Spanner 板手
BT30-SD6-90AM	2-6	90	50	20	30,000	CN-SD6AM	30194-820
SD10-90AM	2-10	90	68	30	30,000	CN-SD10AM	30194-830
SD13-75AM	3-13	75	50	35	30,000	CN-SD13AM	30194-835
SD16-90AM	4-16	90	68	42	30,000	CN-SD16AM	30194-842
BT40-SD6-90AM	2-6	90	50	20	30,000	CN-SD6AM	30194-820
SD10-90AM	2-10	90	63	30	30,000	CN-SD10AM	30194-830
SD13-90AM	3-13	90	55	35	30,000	CN-SD13AM	30194-835
SD16-90AM	4-16	90	63	42	30,000	CN-SD16AM	30194-842

- Clamping nut design by circular cylinder. Bearing spanner must be used.
- Three types of collet to choose from (1) D type for gripping all type of tools.  
(2) E type for End mill. (3) F type for coolant supply.
- Bearing spanner and stop screw must be ordered separately.
- 全圓螺帽，必須使用軸承板手。
- 筒夾有三種類別可選擇 (1) D型：可夾持任何刀具 (2) E型：銼刀專用  
(3) F型：中心出水刀具使用。
- 軸承板手及止動螺絲必須另外訂購。

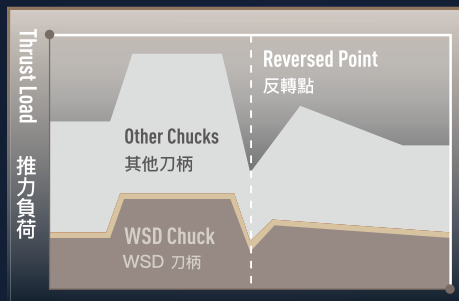


# WSD SYNCHRO TAPPING CHUCK

WSD 同步攻牙刀柄 (鋼性攻牙)

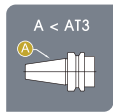
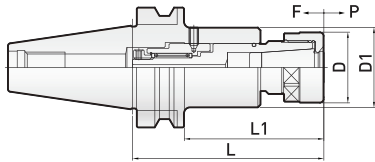
Experience shows that the synchronization  
is not always achieved...

經驗顯示，機器的同步性並不能被保證...

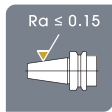


# WSD SYNCHRO TAPPING CHUCK

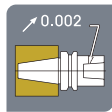
WSD 同步攻牙刀柄 (鋼性攻牙)



Taper tolerance  
錐度公差



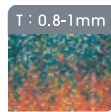
Surface roughness  
表面粗度



Run out accuracy  
內孔偏擺度



Surface hardness  
表面硬度



Carbonized depth  
滲碳深度

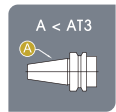
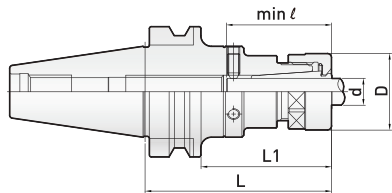
Order Code 訂購編號	Tap 絲攻範圍	F 壓縮量	P 伸長量	L	L1	Nut 螺帽	Spanner 扳手
BT30- WSD6-95	M1-M5	0.5	1.0	95	73	CN-SD6A	30194-917
WSD10-95	M3-M10	0.5	1.0	95	73	CN-SD10A	30194-925
WSD13-95	M6-M16	0.5	1.0	95	73	CN-SD13A	30194-932
BT40- WSD6-100	M1-M5	0.5	1.0	100	73	CN-SD6A	30194-917
WSD10-100	M3-M10	0.5	1.0	100	73	CN-SD10A	30194-925
WSD13-100	M6-M16	0.5	1.0	100	73	CN-SD13A	30194-932
BT50- WSD10-120	M3-M10	0.5	1.0	120	82	CN-SD10A	30194-925
WSD13-120	M6-M16	0.5	1.0	120	82	CN-SD13A	30194-932

- With the compression compensation at 0.5mm an accurate thread is maintained ; this is also maintained with the 1mm compensation with the chuck is in tension.
- Internal buffer spring allows compression compensation which reduces the torque by up to 1/3.
- By reducing the torque this increases the quantity and the accuracy of the tapped hole.
- The increase in alignment accuracy extends the life of the tap and improves thread quality.
- 同步攻牙刀柄，壓縮方向補償0.5mm/m，拉伸方向補償1mm/m給同步(鋼性)攻牙誤差進行補正。
- 壓縮方向補償可使攻牙負荷降低至普通同步攻牙負荷的1/3。
- 拉伸方向補償可使反轉時扭力大幅降低，絲攻不易斷裂。
- 高精度心軸結合，使間隙降至最小，提升攻牙的對心精度。



# AZ ADJUSTABLE CHUCK

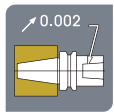
AZ 可調精度刀柄



Taper tolerance  
錐度公差



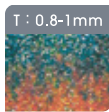
Surface roughness  
表面粗度



Run out accuracy  
內孔偏擺度



Surface hardness  
表面硬度



Carbonized depth  
滲碳深度

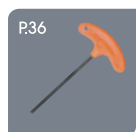
Order Code 訂購編號	Range(d) 夾持範圍	L	L1	Min ℓ 最小長度	T spanner 調整扳手	Nut 螺帽	Spanner 扳手
BT30-SD6-AZ-70	2~6	70	48	35	30194-632	CN-SD6A	30194-917
SD10-AZ-75	2~10	75	53	40	30194-632	CN-SD10A	30194-925
BT40-SD6-AZ-90	2~6	90	63	35	30194-632	CN-SD6A	30194-917
SD10-AZ-90	2~10	90	63	40	30194-632	CN-SD10A	30194-925
SD13-AZ-90	3~13	90	63	49	30194-632	CN-SD13A	30194-932
BT50-SD13-AZ-100	3~13	100	62	49	30194-632	CN-SD13A	30194-932

● The tool tip position can be adjusted as "O" position.

● 刀尖位置可調整至 "O" 位置。

● The accumulated error value of the spindle, the chuck and the tool can all be adjusted and corrected at the same time.

● 機械主軸、夾頭、刀具的累積誤差值可一次調整補正。



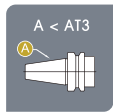
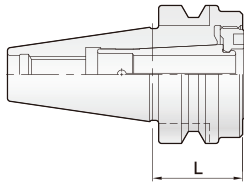
S  
D

B  
T

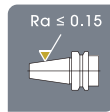
30  
/  
40  
/  
50

## SD PLUS CHUCK (B TYPE)

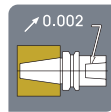
SD 高精度夾頭刀柄 (B型)



Taper tolerance  
錐度公差



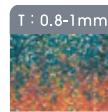
Surface roughness  
表面粗度



Run out accuracy  
內孔偏擺度



Surface hardness  
表面硬度



Carbonized depth  
滲碳深度

Order Code 訂購編號	L	Min <sup>-1</sup> G2.5 動態平衡	Nut 螺帽	Spanner 扳手	Collet 筒夾
BT40-SD20B-35	35	30,000	CN-SD20B	SP-SD20B	SD20

- Collet and clamping nut are built into the collet chuck.
- Double efficiency for gripping the end mill.
- Spanner must be ordered separately.
- 筒夾及螺帽均內藏本體內。
- 夾持銑刀加工，效率加倍。
- 扳手必須另外訂購。



# WSD SYNCHRO TAPPING CHUCK

WSD 同步攻牙刀柄 (鋼性攻牙)

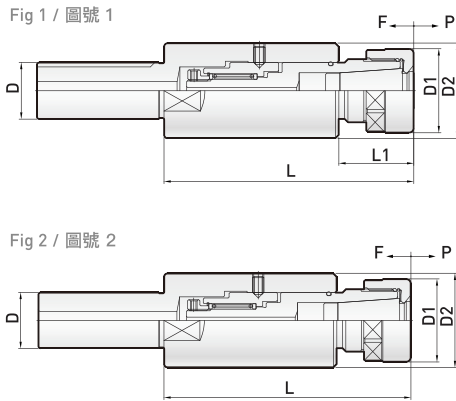


Fig 1 / 圖號 1

Fig 2 / 圖號 2



Order Code 訂購編號	Fig 圖號	Tap 絲攻範圍	F 壓縮量	P 伸長量	L	D	Nut 螺帽	Spanner 扳手規格
SL25-WSD13-110	1	M6~M16	0.5	1.0	110	25	CN-SD13A	30194-932
AC25-WSD13-110	2	M6~M16	0.5	1.0	110	25	CN-SD13A	30194-932

- With the compression compensation at 0.5mm an accurate thread is maintained ; this is also maintained with the 1mm compensation with the chuck is in tension.
- Internal buffer spring allows compression compensation which reduces the torque by up to 1/3.
- By reducing the torque this increases the quantity and the accuracy of the tapped hole.
- The increase in alignment accuracy extends the life of the tap and improves thread quality.

- 同步攻牙刀柄，壓縮方向補償0.5m/m，拉伸方向補償1m/m給同步(鋼性)攻牙誤差進行補正。
- 壓縮方向補償可使攻牙負荷降低至普通同步攻牙負荷的1/3。
- 拉伸方向補償可使反轉時扭力大幅降低，絲攻不易斷裂。
- 高精度心軸結合，使間隙降至最小，提升攻牙的對心精度。



## SD COLLET (D TYPE)

SD 筒夾 (D型)



## SD6

Order Code 訂購編號	d	Range(d) 夾持範圍	L	D
SD6-2D	2	1.75~2.00	25	11
2.25D	2.25	2.00~2.25		
2.5D	2.5	2.25~2.50		
2.75D	2.75	2.50~2.75		
3D	3	2.75~3.00		
3.5D	3.5	3.00~3.50		
4D	4	3.50~4.00		
4.5D	4.5	4.00~4.50		
5D	5	4.50~5.00		
5.5D	5.5	5.00~5.50		
6D	6	5.50~6.00		

- Gripping range is 0.25mm for collets below 3mm. Gripping range is 0.5mm for collets above 3mm.
- Collets with 3 series, can grip drills, taps, reamers and end mills between 2mm-13mm.
- 3mm以下筒夾，每一個筒夾有0.25mm的夾持範圍；3mm以上筒夾，每一個筒夾有0.5mm的夾持範圍。
- 筒夾分為3大系列，可夾持2mm~13mm的鑽頭、絲攻、絞刀、銑刀。

## SD10

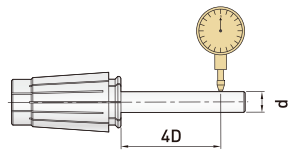
Order Code 訂購編號	d	Range(d) 夾持範圍	L	D
SD10-2D	2	1.75~2.00	30	16
2.25D	2.25	2.00~2.25		
2.5D	2.5	2.25~2.50		
2.75D	2.75	2.50~2.75		
3D	3	2.75~3.00		
3.5D	3.5	3.00~3.50		
4D	4	3.50~4.00		
4.5D	4.5	4.00~4.50		
5D	5	4.50~5.00		
5.5D	5.5	5.00~5.50		
6D	6	5.50~6.00		
6.5D	6.5	6.00~6.50		
7D	7	6.50~7.00		
7.5D	7.5	7.00~7.50		
8D	8	7.50~8.00		
8.5D	8.5	8.00~8.50		
9D	9	8.50~9.00		
9.5D	9.5	9.00~9.50		
10D	10	9.50~10.00		

## SD13

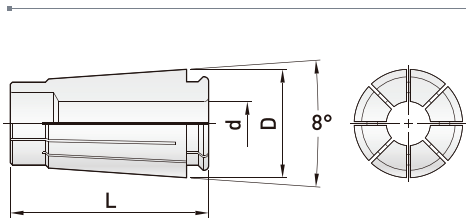
Order Code 訂購編號	d	Range(d) 夾持範圍	L	D
SD13-3D	3	2.75~3.00	39	20
3.5D	3.5	3.00~3.50		
4D	4	3.50~4.00		
4.5D	4.5	4.00~4.50		
5D	5	4.50~5.00		
5.5D	5.5	5.00~5.50		
6D	6	5.50~6.00		
6.5D	6.5	6.00~6.50		
7D	7	6.50~7.00		
7.5D	7.5	7.00~7.50		
8D	8	7.50~8.00		
8.5D	8.5	8.00~8.50		
9D	9	8.50~9.00		
9.5D	9.5	9.00~9.50		
10D	10	9.50~10.00		
10.5D	10.5	10.00~10.50		
11D	11	10.50~11.00		
11.5D	11.5	11.00~11.50		
12D	12	11.50~12.00		
12.5D	12.5	12.00~12.50		
13D	13	12.50~13.00		

# SD COLLET (E TYPE)

## SD 筒夾 (E型)



- Runout <math>< 5\mu\text{m}</math> (4×D)
- 跳動精度 <math>< 5\mu\text{m}</math> (4×D)



- Gripping torque of SD-E collets is 20% more than SD-D Collets. Can reach high stability during milling.
- Special designed for end mill.

- SD-E筒夾比SD-D筒夾多20%的夾持力，在夾持銑刀加工時，更為安定。
- 立銑刀專用夾頭。

### SD6

Order Code 訂購編號	d	(d) 持夾徑	L	D
SD6-3E	3	3	25	11
4E	4	4		
6E	6	6		
1/8E	3.175	3.175		

### SD10

Order Code 訂購編號	d	(d) 持夾徑	L	D
SD10-3E	3	3	30	16
4E	4	4		
5E	5	5		
6E	6	6		
8E	8	8		
10E	10	10		
1/8E	3.175	3.175		

### SD13

Order Code 訂購編號	d	(d) 持夾徑	L	D
SD13-3E	3	3	39	20
4E	4	4		
5E	5	5		
6E	6	6		
8E	8	8		
10E	10	10		
12E	12	12		
1/8E	3.175	3.175		

### SD16

Order Code 訂購編號	d	(d) 持夾徑	L	D
SD16-4E	4	4	45	25
5E	5	5		
6E	6	6		
8E	8	8		
10E	10	10		
12E	12	12		
14E	14	14		
16E	16	16		

### SD20

Order Code 訂購編號	d	(d) 持夾徑	L	D
SD20-6E	6	6	50	30
8E	8	8		
10E	10	10		
12E	12	12		
14E	14	14		
16E	16	16		
20E	20	20		



## SD COLLET (F TYPE)

### SD 筒夾 (F型)

- SD-F collet provide through-coolant capability.
- The collet combine with nut.
- SD-F筒夾具有中心出水的功能。
- 筒夾出貨時，內含螺帽。



F Type Collet / F型 筒夾



Fig 2 / 圖號 2



Fig 1 / 圖號 1

Order Code 訂購編號	Chuck Type 刀柄規格	(d) 持夾徑	Contains 內容		Fig 圖號		
			Collet 筒夾	Nut 螺帽			
SAC10- 3F	SD10	3	SD10- 3F	CN-SD10A	1		
4F		4	4F				
6F		6	6F				
8F		8	8F				
10F		10	10F				
SAM10- 3F		3	SD10- 3F	CN-SD10AM	2		
4F		4	4F				
6F		6	6F				
8F		8	8F				
10F		10	10F				
SAC13- 3F	SD13	3	SD13- 3F	CN-SD13A	1		
4F		4	4F				
5F		5	5F				
6F		6	6F				
8F		8	8F				
10F		10	10F				
12F		12	12F				
SAM13- 3F		3	SD13- 3F	CN-SD13AM	2		
4F		4	4F				
5F		5	5F				
6F		6	6F				
8F		8	8F				
10F	10	10F					
12F	12	12F					
SAC16- 6F	SD16	6	SD16- 6F	CN-SD16A	1		
8F		8	8F				
10F		10	10F				
12F		12	12F				
14F		14	14F				
16F		16	16F				
SAM16- 6F		6	SD16- 6F			CN-SD16AM	2
8F		8	8F				
10F		10	10F				
12F		12	12F				
14F		14	14F				
16F		16	16F				

## SD NUT (AC TYPE)

SD 螺帽 (AC型)



Fig 1 / 圖號 1



Fig 2 / 圖號 2

Order Code 訂購編號	Fig 圖號	Outside Dia 外徑	Collet 筒夾規格
CN-SD6A	1	20	SD6
SD10A	1	29	SD10
SD13A	1	37	SD13
SD16A	1	41	SD16
SD20A	2	50	SD20

## SD NUT (AM TYPE)

SD 螺帽 (AM型)



Order Code 訂購編號	Outside Dia 外徑	Collet 筒夾規格
CN-SD6AM	20	SD6
SD10AM	30	SD10
SD13AM	35	SD13
SD16AM	42	SD16

## SD NUT (B TYPE)

SD 螺帽 (B型)



Order Code 訂購編號	Collet 筒夾規格
CN-SD20B	SD20

## SPANNER

扳手



Fig 1 / 圖號 1



Fig 2 / 圖號 2

Order Code 訂購編號	Fig 圖號	Type 型式
30194-917	1	SP-SD6
925	1	SP-SD10
932	1	SP-SD13
936	1	SP-SD16
702	2	SP-SD20



Order Code 訂購編號	Type 型式	Nut 螺帽規格
30194-820	SP-SR20	SD6AM
30194-830	SP-SR30	SD10AM
30194-835	SP-SR35	SD13AM
30194-842	SP-SR42	SD16AM



Order Code 訂購編號
SP-SD20B