

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.

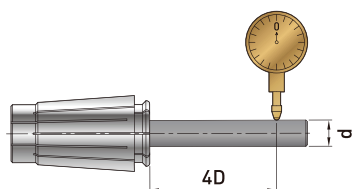
- 螺帽有軸承墊片的設計

- 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

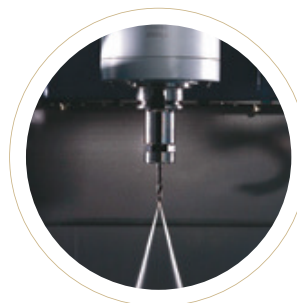
4倍刃長精度在0.005mm以內，確保切削時每刃刀口的均勻切削，可使切削速度提高及刀具壽命增加。

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。

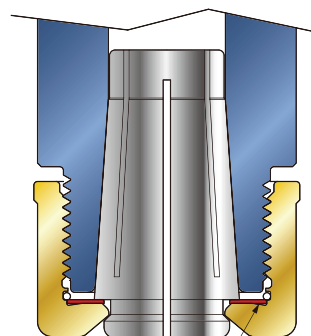


THE CLAMPING NUT IS DESIGNED WITH FLAT BEARING

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。



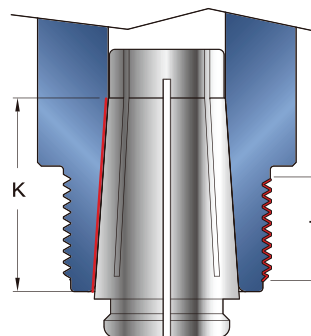
Flat bearing 軸承墊片

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.

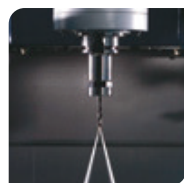
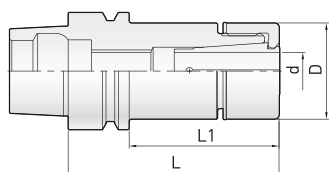
銑刀專用的筒夾

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。

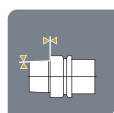


SD PLUS CHUCK (AM TYPE)

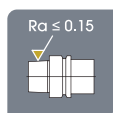
SD 高精度夾頭刀柄 (AM型)



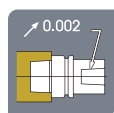
F Type Collet / F型 筒夾



Dual face contact
兩面接觸



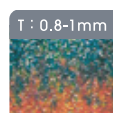
Surface roughness
表面粗度



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 ¹ G2.5 動態平衡	Nut 螺帽	Spanner 板手
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

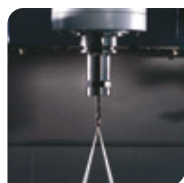
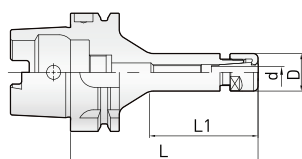
- Clamping nut design by circular cylinder. Bearing spanner must be used.
- Three types of collet to choose from (1) D type for gripping all type of tools. (2) E type for End mill. (3) F type for coolant supply.
- Bearing spanner and stop screw must be ordered separately.
- The circular nuts can be replaced 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：銑刀專用 (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。
- 全圓螺帽可以換成六角螺帽。

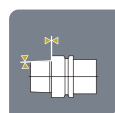


SD PLUS CHUCK (AC TYPE)

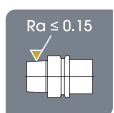
SD 高精度夾頭刀柄 (AC型)



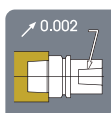
F Type Collet / F型筒夾



Dual face contact
兩面接觸



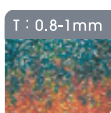
Surface roughness
表面粗度



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 ⁻¹ 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.
- Spanner and stop screw must be ordered separately.
- The hexagonal nuts can be replaced with the circular nuts.
- 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。
- 六角螺帽可以換成全圓螺帽。



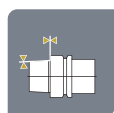
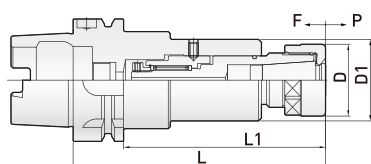
SD

HSK

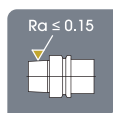
A63/100

WSD SYNCHRO TAPPING CHUCK

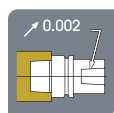
WSD 同步攻牙刀柄 (鋼性攻牙)



Dual face contact
兩面接觸



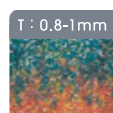
Surface roughness
表面粗度



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

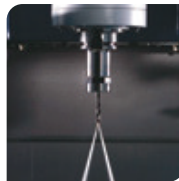
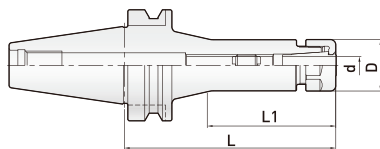
- With the compression compensation at 0.5mm an accurate thread is maintained ; this is also maintained with the 1mm compensation with the chuck is in tension.
- Internal buffer spring allows compression compensation which reduces the torque by up to 1/3.
- By reducing the torque this increases the quantity 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0.5mm，拉伸方向補償1mm，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。

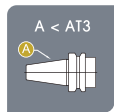


SD PLUS CHUCK (AC TYPE)

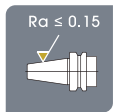
SD 高精度夾頭刀柄 (AC型)



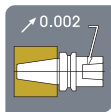
F Type Collet / F型 筒夾



Taper tolerance
錐度公差



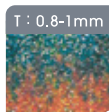
Surface roughness
表面粗度



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 ⁻¹ G6.3 動態平衡	Nut 螺帽	Spanner 板手
BT30-SD6-90	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
BT40-SD6-90	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
BT50-SD10-100	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

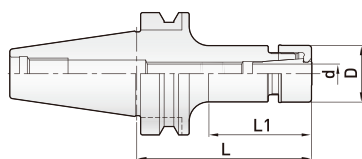
BT

30 / 40 / 50

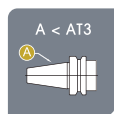
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SD PLUS CHUCK (AM TYPE)

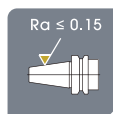
SD 高精度夾頭刀柄 (AM型)



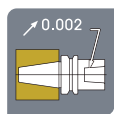
F Type Collet / F型筒夾



Taper tolerance
錐度公差



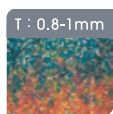
Surface roughness
表面粗度



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 ⁻¹ 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。

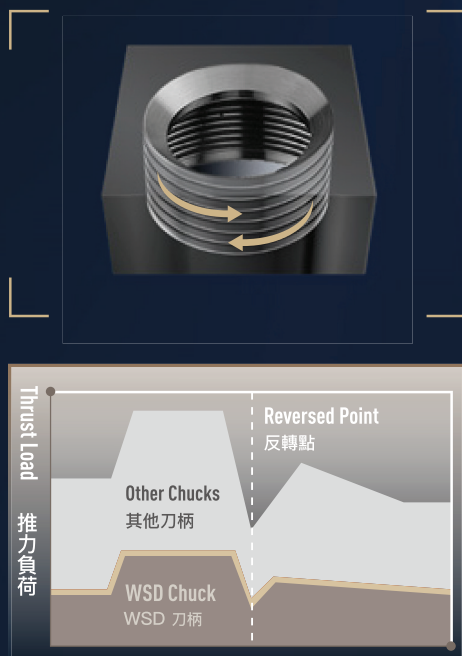


WSD SYNCHRO TAPPING CHUCK

WSD 同步攻牙刀柄 (鋼性攻牙)

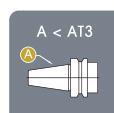
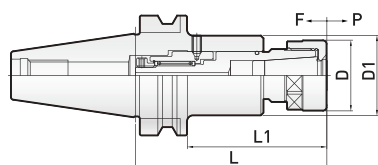
Experience shows that the synchronization
is not always achieved...

經驗顯示，機器的同步性並不能被保證...

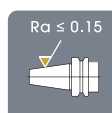


WSD SYNCHRO TAPPING CHUCK

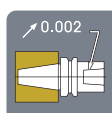
WSD 同步攻牙刀柄 (鋼性攻牙)



Taper tolerance
錐度公差



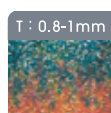
Surface roughness
表面粗度



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

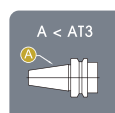
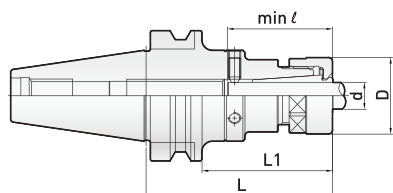
- With the compression compensation at 0.5mm an accurate thread is maintained ; this is also maintained with the 1mm compensation with the chuck is in tension.
- Internal buffer spring allows compression compensation which reduces the torque by up to 1/3.
- By reducing the torque this increases the quantity 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。

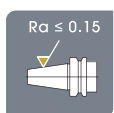


AZ ADJUSTABLE CHUCK

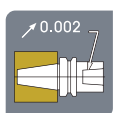
AZ 可調精度刀柄



Taper tolerance
錐度公差



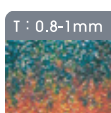
Surface roughness
表面粗度



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.

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

● 刀尖位置可調整至 "O" 位置。

● 機械主軸、夾頭、刀具的累積誤差值可一次調整補正。



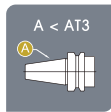
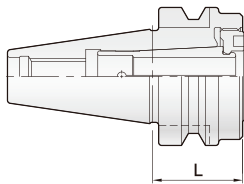
S
D

B
T

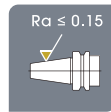
30
/
40
/
50

SD PLUS CHUCK (B TYPE)

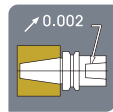
SD 高精度夾頭刀柄 (B型)



Taper tolerance
錐度公差



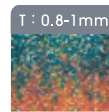
Surface roughness
表面粗度



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 ⁻¹ 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

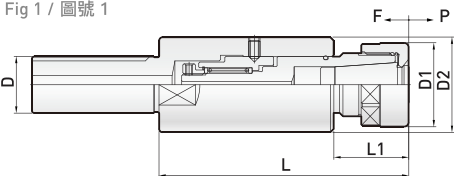


Fig 2 / 圖號 2

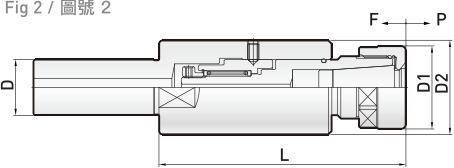


Fig 1 / 圖號 1



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

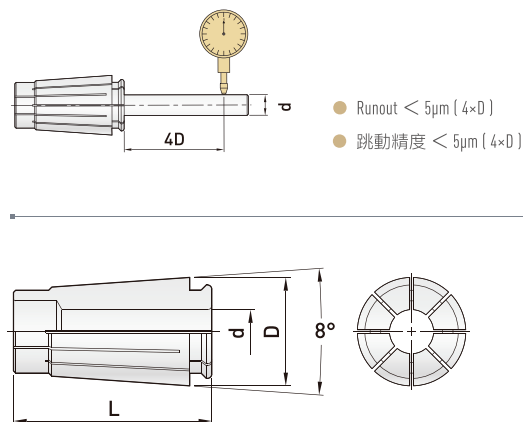
- With the compression compensation at 0.5mm an accurate thread is maintained ; this is also maintained with the 1mm compensation with the chuck is in tension.
- Internal buffer spring allows compression compensation which reduces the torque by up to 1/3.
- By reducing the torque this increases the quantity 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

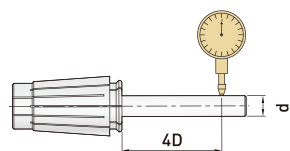
Order Code 訂購編號	d	Range(d) 夾持範圍	L	D
SD10-2D	2	1.75~2.00	30	16
2.25D	2.25	2.00~2.25		
2.5D	2.5	2.25~2.50		
2.75D	2.75	2.50~2.75		
3D	3	2.75~3.00		
3.5D	3.5	3.00~3.50		
4D	4	3.50~4.00		
4.5D	4.5	4.00~4.50		
5D	5	4.50~5.00		
5.5D	5.5	5.00~5.50		
6D	6	5.50~6.00		
6.5D	6.5	6.00~6.50		
7D	7	6.50~7.00		
7.5D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

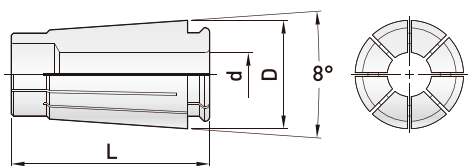
Order Code 訂購編號	d	Range(d) 夾持範圍	L	D
SD13-3D	3	2.75~3.00	39	20
3.5D	3.5	3.00~3.50		
4D	4	3.50~4.00		
4.5D	4.5	4.00~4.50		
5D	5	4.50~5.00		
5.5D	5.5	5.00~5.50		
6D	6	5.50~6.00		
6.5D	6.5	6.00~6.50		
7D	7	6.50~7.00		
7.5D	7.5	7.00~7.50		
8D	8	7.50~8.00		
8.5D	8.5	8.00~8.50		
9D	9	8.50~9.00		
9.5D	9.5	9.00~9.50		
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 $< 5\mu\text{m} (4 \times D)$
- 跳動精度 $< 5\mu\text{m} (4 \times D)$



- 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	CN-SD13AM	2
SAM13- 3F		3	SD13- 3F		
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	CN-SD16AM	2
SAM16- 6F		6	SD16- 6F		
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