

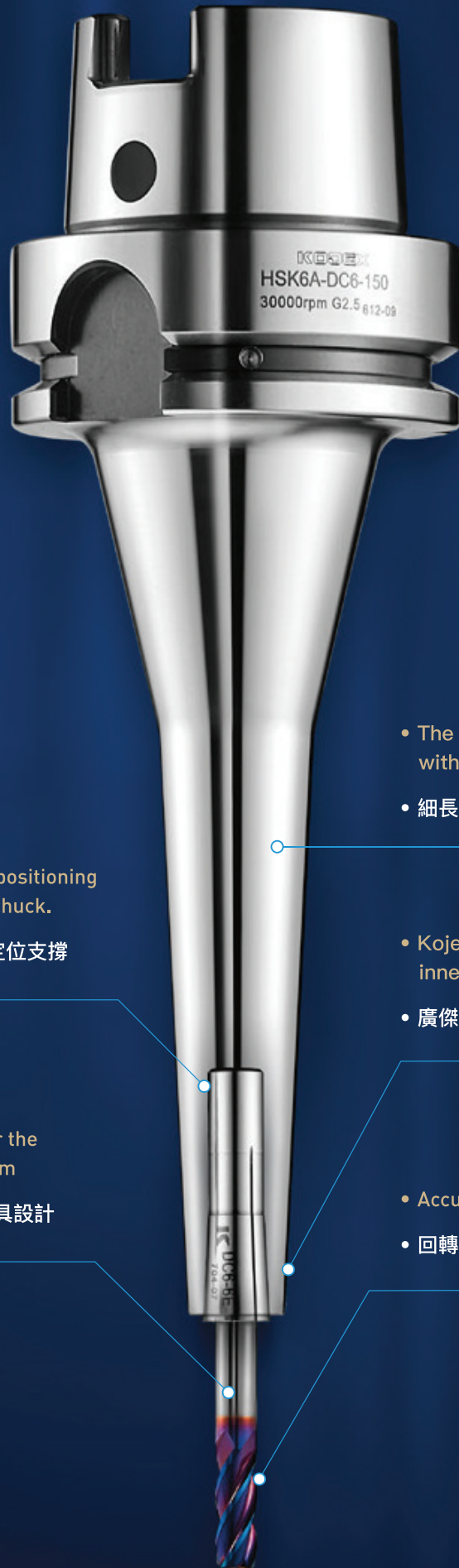
DC

KOJEX IS THE INITIATOR
OF INNER-HOLDING
COLLET CHUCKS

廣傑公司是
後拉式夾頭的創始者







- The end of collet has positioning support in the collet chuck.

- 筒夾後端在本體內有定位支撐

- Specially designed for the small tools under 6mm

- 針對6mm以下的小刀具設計

- The slim chuck is designed with excellent dodge.

- 細長柄設計具有極佳的閃避性

- Kojex is the initiator of inner-holding collet chuck.

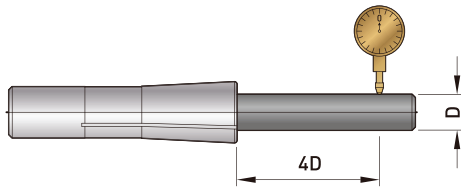
- 廣傑獨創沒有螺帽的筒夾設計

- 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

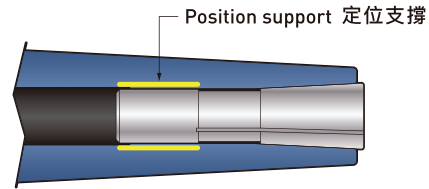
4倍刃長精度在0.005mm以內，確保切削時每刃刀口的均勻切削，可使切削速度提高及刀具壽命增加。

THE END OF COLLET HAS POSITIONING SUPPORT IN THE COLLET CHUCK.

Kojex's well-designed to reduce vibration during the milling cutter processing.

筒夾後端在本體內有定位支撐

這是KOJEX的精心設計，可以減少銑刀加工時的震動。



EXCELLENT DODGE

The design of the slim chuck support sufficient length. The five-axis machining or mold processing are very suitable.

極佳的閃避性

細長柄的設計，充足的長度規格。無論是五軸加工機或模具加工均非常適用。

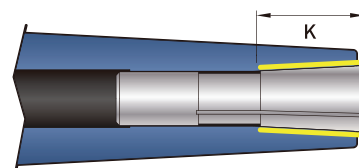


SPECIALLY FOR END MILL

This is a one-to-one special collet, 95% taper area of the collet [K] is covered the collet chuck, during the milling process to achieve excellent vibration damping effect.

銑刀專用的筒夾可供選擇

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



KOJEX IS THE INITIATOR OF INNER-HOLDING COLLET CHUCKS

The simple structure can reduce interference and more stable when the cutting processing.

廣傑獨創

沒有螺帽的筒夾設計

沒有螺帽的筒夾設計，結構簡單減少干涉，切削時更為安定。



SPECIALLY DESIGNED FOR THE SMALL TOOLS UNDER 6MM

The clamping range from 1mm to 6mm for choice any type tools, there are 33 size collet for choice.

針對6mm

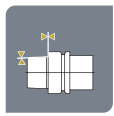
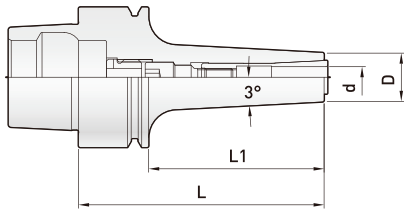
以下的小刀具設計

可夾持1mm~6mm的任何刀具，共有33個筒夾規格可供選擇。



DC SLIM CHUCK

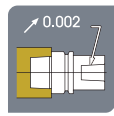
DC 小徑夾頭刀柄



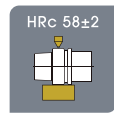
Dual face contact
兩面接觸



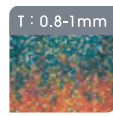
Surface roughness
表面粗度



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 ⁺ G2.5 動態平衡	Spanner 扳手規格	Recommended Torsion 推薦鎖固扭力	Fixed Torque Spanner 固定扭力扳手
HSK32E-DC6-70	1~6	70	50	14	42,000	M4	5Nm	30294-5144
HSK40E-DC6-70	1~6	70	50	14	42,000	M4	5Nm	30294-5144
HSK50E-DC6-75	1~6	75	49	14	36,000	M4	5Nm	30294-5144

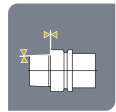
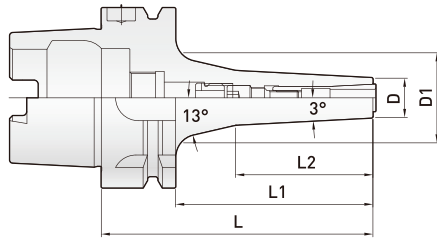
- The tool shank under 2mm must to use 3Nm torque wrench.
- Collet chuck designed without nut and with inner-holding collet. This has strong rigidity and high stability.
- Torque wrench is recommended for chuck stability.
- Torque wrench must be ordered separately.
- The recommended torsion and correct torque wrench prevents deformation of the tool holder.

- 刀具柄徑在 $\varnothing 2$ 以下，必須使用3Nm的扭力扳手。
- 沒有螺帽的後拉式夾頭設計，鋼性強穩定性高。
- 為求使用上的穩定性，建議使用扭力扳手。
- 扭力扳手必須另外訂購。
- 鎖固扭力不要超過推薦值的30%以上，過高的鎖固扭力，可能導致刀柄的變形。



DC SLIM CHUCK

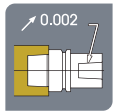
DC 小徑夾頭刀柄



Dual face contact
兩面接觸



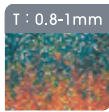
Surface roughness
表面粗度



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	L2	D	Min ⁻¹ G2.5 動態平衡	Spanner 扳手規格	Recommended Torsion 推薦鎖固扭力	Fixed Torque Spanner 固定扭力扳手
HSK63A-DC6-95	1~6	95	69	45	14	30,000	M4	5Nm	30294-5144
DC6-120	1~6	120	94	65	14	30,000	M4	5Nm	30294-5146
DC6-150	1~6	150	124	82	14	30,000	M4	5Nm	30294-5146

- The tool shank under 2mm must to use 3Nm torque wrench.
- Collet chuck designed without nut and with inner-holding collet. This has strong rigidity and high stability.
- Torque wrench is recommended for chuck stability.
- Torque wrench must be ordered separately.
- The recommended torsion and correct torque wrench prevents deformation of the tool holder.

- 刀具柄徑在 $\varnothing 2$ 以下，必須使用3Nm的扭力扳手。
- 沒有螺帽的後拉式夾頭設計，鋼性強穩定性高。
- 為求使用上的穩定性，建議使用扭力扳手。
- 扭力扳手必須另外訂購。
- 鎖固扭力不要超過推薦值的30%以上，過高的鎖固扭力，可能導致刀柄的變形。



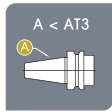
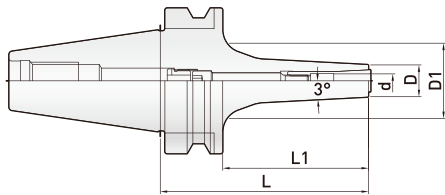
DC

HSK

A63

DC SLIM CHUCK

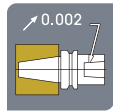
DC 小徑夾頭刀柄



Taper tolerance
錐度公差



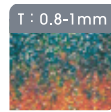
Surface roughness
表面粗度



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	D	D1	Min ⁻¹ G2.5 動態平衡	Spanner 扳手規格	Recommended Torsion 推薦鎖固扭力	Fixed Torque Spanner 固定扭力扳手
BT30-DC6-60	1~6	60	38	14	-	30,000	M4	5Nm	30294-5144
DC6-90	1~6	90	68	14	28	30,000	M4	5Nm	30294-5144
DC6-120	1~6	120	98	14	38	30,000	M4	5Nm	30294-5144
BT40-DC6-90	1~6	90	63	14	26	30,000	M4	5Nm	30294-5146
DC6-120	1~6	120	93	14	32	30,000	M4	5Nm	30294-5146
DC6-150	1~6	150	123	14	41	30,000	M4	5Nm	30294-5146

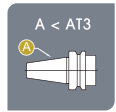
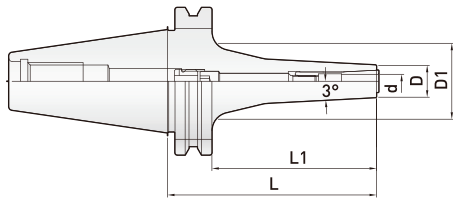
- The tool shank under 2mm must to use 3Nm torque wrench.
- Collet chuck designed without nut and with inner-holding collet. This has strong rigidity and high stability.
- Torque wrench is recommended for chuck stability.
- Torque wrench must be ordered separately.
- The recommended torsion and correct torque wrench prevents deformation of the tool holder.

- 刀具柄徑在 $\varnothing 2$ 以下，必須使用3Nm的扭力扳手。
- 沒有螺帽的後拉式夾頭設計，鋼性強穩定性高。
- 為求使用上的穩定性，建議使用扭力扳手。
- 扭力扳手必須另外訂購。
- 鎖固扭力不要超過推薦值的30%以上，過高的鎖固扭力，可能導致刀柄的變形。



DC SLIM CHUCK

DC 小徑夾頭刀柄



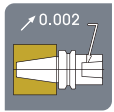
$A < AT3$

Taper tolerance
錐度公差



$Ra \leq 0.15$

Surface roughness
表面粗度



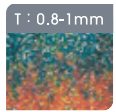
$\nabla 0.002$

Run out accuracy
內孔擺度



HRc 58±2

Surface hardness
表面硬度



T : 0.8-1mm

Carbonized depth
滲碳深度

Order Code 訂購編號	Range(d) 夾持範圍	L	L1	D	D1	Min ⁻¹ G6.3 動態平衡	Spanner 扳手規格	Recommended Torsion 推薦鎖固扭力	Fixed Torque Spanner 固定扭力扳手
SK40-DC6-90	1~6	90	71	14	30	20,000	M4	5Nm	30294-5146
DC6-120	1~6	120	101	14	40	20,000	M4	5Nm	30294-5144
DC6-150	1~6	150	131	14	42	20,000	M4	5Nm	30294-5146

- The tool shank under 2mm must to use 3Nm torque wrench.
- Collet chuck designed without nut and with inner-holding collet. This has strong rigidity and high stability.
- Torque wrench is recommended for chuck stability.
- Torque wrench must be ordered separately.
- The recommended torsion and correct torque wrench prevents deformation of the tool holder.

- 刀具柄徑在 $\varnothing 2$ 以下，必須使用3Nm的扭力扳手。
- 沒有螺帽的後拉式夾頭設計，鋼性強穩定性高。
- 為求使用上的穩定性，建議使用扭力扳手。
- 扭力扳手必須另外訂購。
- 鎖固扭力不要超過推薦值的30%以上，過高的鎖固扭力，可能導致刀柄的變形。



DC EXTENSION SLIM CHUCK

DC 直柄式延長桿

Fig 1 / 圖號 1

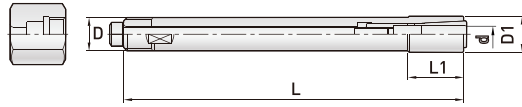
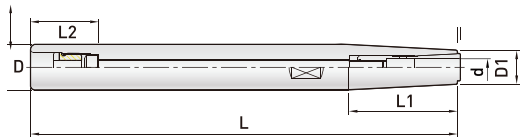


Fig 2 / 圖號 2



Order Code 訂購編號	d	L	L1	L2	D	D1	Fig 圖號	Stop Nut 止動螺帽	Spanner 扳手規格	Recommended Torsion 推薦鎖固扭力	Collet 筒夾
ST10-DC4-90	2-4	90	14	--	10	9	1	TP-M8	30194-632(M3)	4Nm	DC4
ST12-DC4-120	2-4	120	38	--	12	9	2	--	30194-632(M3)	4Nm	DC4
ST12-DC6-120	1-6	120	40	--	12	14	1	TP-M12	30194-643(M4)	5Nm	DC6
ST16-DC6-150	1-6	150	35	24	16	14	2	--	30194-643(M4)	5Nm	DC6
ST20-DC6-200	1-6	200	70	74	20	14	2	--	30194-643(M4)	5Nm	DC6
ST25-DC6-250	1-6	250	115	124	25	14	2	--	30194-644(M4)	5Nm	DC6

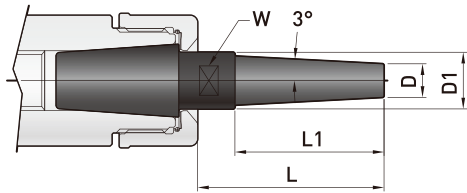
- The tool shank under 2mm must use 3Nm torque wrench.
- Extension adaptor includes one hexagon spanner and spanner(A).

- 刀具柄徑在 $\phi 2$ 以下，必須使用3Nm的扭力扳手。
- 出貨時附T型扳手及扳手(A)各1支。



SD13 EXTENSION SLIM CHUCK

SD13 筒夾式延長桿



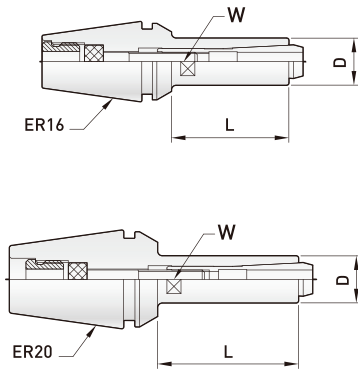
Order Code 訂購編號	Holder 本體規格	Range(d) 夾持範圍	L	L1	D	D1	Spanner 扳手	W	Collet 筒夾
SD13-DC4-50	SD13	2~4	50	40	9	15	30194-632	13mm	DC4
SD13-DC6-50	SD13	1~6	50	40	14	15	30194-643	13mm	DC6

- The tool shank under 2mm must use 3Nm torque wrench.
- The users can more choose for the extension rod of SD13 collet chuck.
- Extension adaptor includes one hexagon spanner and spanner(A).
- 刀具柄徑在 $\phi 2$ 以下，必須使用3Nm的扭力扳手。
- 配合SD13本體的延長桿，使用者可以多一種選擇。
- 出貨時附T型扳手及扳手(A)各1支。



ER EXTENSION SLIM CHUCK

ER 筒夾式延長桿



Order Code 訂購編號	Holder 本體規格	Range(d) 夾持範圍	L	D	Spanner 扳手	W	Collet 筒夾
ER16-DC4-25	ER16	2~4	25	9	30194-632	8	DC4
ER20-DC6-35	ER20	1~6	35	14	30194-643	13	DC6

- The tool shank under 2mm must use 3Nm torque wrench.
- The users can more choose for the extension rod of ER collet chuck.
- Extension adaptor includes one hexagon spanner and spanner(A).

- 刀具柄徑在 $\varnothing 2$ 以下，必須使用3Nm的扭力板手。
- 配合ER本體的延長桿，使用者可以多一種選擇。
- 出貨時附T型扳手及扳手(A)各1支。





SET OF DC EXTENSION SLIM CHUCK

DC 小徑延長桿 (整組)



DC4

Order Code 訂購編號	Contains 內容			
	Collet Chuck 夾頭	Collet 筒夾	Spanner (A) 扳手 	Spanner (B) 扳手 
SST10-DC4-90	ST10-DC4-90	DC4-2E x 1pc DC4-3E x 1pc	30194-002	30194-632(M3)
SST12-DC4-120	ST12-DC4-120	DC4-4E x 1pc		

DC6

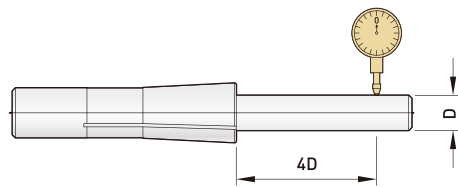
Order Code 訂購編號	Contains 內容			
	Collet Chuck 夾頭	Collet 筒夾	Spanner (A) 扳手 	Spanner (B) 扳手 
SST12-DC6-120	ST12-DC6-120	DC6-3E x 1pc DC6-4E x 1pc	30194-002	30194-643(M4)
SST16-DC6-150	ST16-DC6-150	DC6-6E x 1pc		30194-643(M4)



DC COLLET (E TYPE)

DC 筒夾 (E型)

DC COLLET RUNOUT

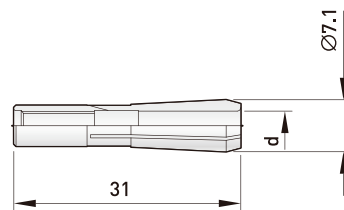


- Runout <math>< 5\mu\text{m}</math> (4×D)
- 跳動精度 <math>< 5\mu\text{m}</math> (4×D)

- The design of E Type collets is emphasized on increase the clamping force of end mills.
- Special designed for end mill.

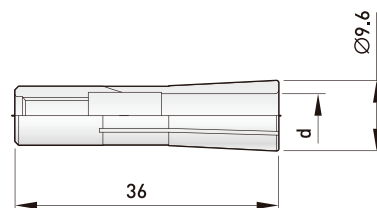
- E Type筒夾設計重點是強調立銼刀的夾持力。
- 立銼刀專用夾頭。

DC 4 COLLET



Order Code 訂購編號	(d) 夾持徑
DC4-2E	2
3E	3
4E	4
1/8E	3.175

DC 6 COLLET

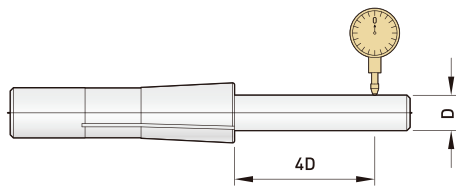


Order Code 訂購編號	(d) 夾持徑
DC6-3E	3
4E	4
5E	5
6E	6
1/8E	3.175
1/4E	6.35

DC6 COLLET (K TYPE) for small shank

DC6 筒夾 (K型) 微小徑專用

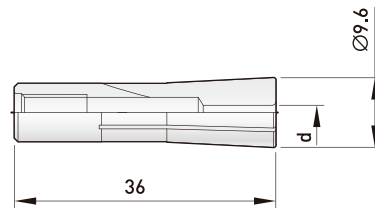
DC COLLET RUNOUT



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

- K Type collets can clamp any type of drills, reamers and taps below $\varnothing 1.9\text{mm}$.
- Gripping range of each type of collets is 0.1mm.
- K Type筒夾，可夾持 $\varnothing 1.9\text{mm}$ 以下的鑽頭、鉸刀、絲攻及銑刀。
- 每一個筒夾的夾持範圍為0.1mm。

DC 6 COLLET FOR SMALL SHANK

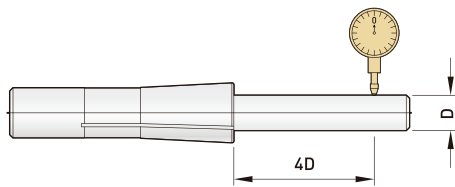


Order Code 訂購編號	d	(d) 夾持徑
DC6-1.0K	1.0	0.9~1.0
1.1K	1.1	1.0~1.1
1.2K	1.2	1.1~1.2
1.3K	1.3	1.2~1.3
1.4K	1.4	1.3~1.4
1.5K	1.5	1.4~1.5
1.6K	1.6	1.5~1.6
1.7K	1.7	1.6~1.7
1.8K	1.8	1.7~1.8
1.9K	1.9	1.8~1.9

DC6 COLLET (D TYPE)

DC6 筒夾 (D型)

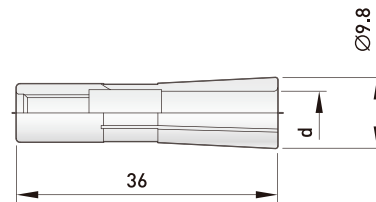
DC COLLET RUNOUT



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

- D Type collets can clamp any type of drills, reamers and taps below $\varnothing 6\text{mm}$.
- Gripping range of each type of collets is 0.25mm.
- D Type筒夾，可夾持 $\varnothing 6\text{mm}$ 以下的鑽頭、鉸刀、絲攻及銑刀。
- 每一個筒夾的夾持範圍為0.25mm。

DC 6-D COLLET




Order Code 訂購編號	d	(d) 夾持徑
DC6-2D	2	1.75~2.00
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
3.25D	3.25	3.00~3.25
3.5D	3.5	3.25~3.50
3.75D	3.75	3.50~3.75
4D	4	3.75~4.00
4.25D	4.25	4.00~4.25
4.5D	4.5	4.25~4.50
4.75D	4.75	4.50~4.75
5D	5	4.75~5.00
5.25D	5.25	5.00~5.25
5.5D	5.5	5.25~5.50
5.75D	5.75	5.50~5.75
6D	6	5.75~6.00

SPANNER

扳手




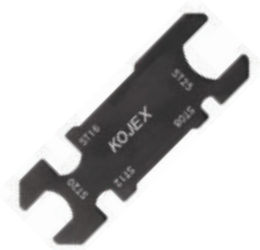
Order Code 訂購編號		L
30194-632	3	100
643	4	150
644	4	200

FIXED TORQUE SPANNER

固定扭力扳手



Order Code 訂購編號	Torque 扭力值		L	Tool Size 適用規格
30294-5134	3Nm	4	70	Collet under 2mm
5144	5Nm	4	70	DC6
5146	5Nm	4	115	



Order Code 訂購編號
30194-002