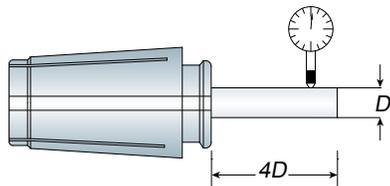
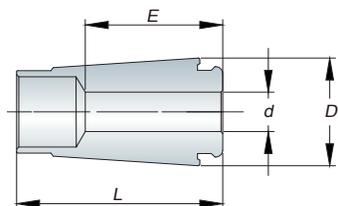


BT / NT  
series

SK

# High Speed Collet

精密筒夾



筒夾等級 Collet Grade	跳動精度 / Runout - Max $\mu$ 4 倍直徑前 - 4xD
A 級	$\leq 10\mu$
AA 級	$\leq 5\mu$

## SK06 (approx. 0.005kgs/pc)

Model No.	d	E	Range	D	L
SK06-02	2	12	2~1.75	10.4	25
SK06-2.25	2.25	12	2.25~2		
SK06-2.5	2.5	12	2.5~2.25		
SK06-2.75	2.75	12	2.75~2.5		
SK06-03	3	15	3~2.75		
SK06-3.175	3.175	15	3.175~2.5		
SK06-3.5	3.5	15	3.5~3		
SK06-04	4	16	4~3.5		
SK06-4.5	4.5	16	4.5~4		
SK06-05	5	21	5~4.5		
SK06-5.5	5.5	21	5.5~5		
SK06-06	6	25	6~5.5		

Unit: mm

## SK10 (approx. 0.02kgs/pc)

Model No.	d	E	Range	D	L
SK10-02	2	15	2~1.75	15.6	31
SK10-2.25	2.25	15	2.25~2		
SK10-2.5	2.5	15	2.5~2.25		
SK10-2.75	2.75	15	2.75~2.5		
SK10-03	3	15	3~2.75		
SK10-3.175	3.175	15	3.175~2.7		
SK10-3.5	3.5	15	3.5~3		
SK10-04	4	20	4~3.5		
SK10-4.5	4.5	20	4.5~4		
SK10-05	5	20	5~4.5		
SK10-5.5	5.5	20	5.5~5		
SK10-06	6	24	6~5.5		
SK10-6.5	6.5	24	6.5~6		
SK10-07	7	24	7~6.5		
SK10-7.5	7.5	24	7.5~7		
SK10-08	8	24	8~7.5		
SK10-8.5	8.5	24	8.5~8		
SK10-09	9	24	9~8.5		
SK10-9.5	9.5	24	9.5~9		
SK10-10	10	30.5	10~9.5		

Unit: mm

## SK13 (approx. 0.04kgs/pc)

Model No.	d	E	Range	D	L
SK13-03	3	18	3~2.75	20	39
SK13-3.175	3.175	18	3.175~2.7		
SK13-3.5	3.5	18	3.5~3		
SK13-04	4	20	4~3.5		
SK13-4.5	4.5	20	4.5~4		
SK13-05	5	20	5~4.5		
SK13-5.5	5.5	20	5.5~5		
SK13-06	6	24	6~5.5		
SK13-6.5	6.5	24	6.5~6		
SK13-07	7	26	7~6.5		
SK13-7.5	7.5	26	7.5~7		
SK13-08	8	28	8~7.5		
SK13-8.5	8.5	28	8.5~8		
SK13-09	9	30	9~8.5		
SK13-9.5	9.5	30	9.5~9		
SK13-10	10	30	10~9.5		
SK13-10.5	10.5	30	10.5~10		
SK13-11	11	30	11~10.5		
SK13-11.5	11.5	30	11.5~11		
SK13-12	12	39	12~11.5		
SK13-12.5	12.5	39	12.5~12		
SK13-13	13	39	13~12.5		

Unit: mm

- When ordering, please specify the collet grade with A or AA. For example:  
SK10-06 AA or SK10E-04 AA  
SK10-8PCS AA or SK10E-6PCS AA
- The clamping range is 0.25mm if the inside diameter is less than 3mm;  
clamping range is 0.5mm if the inside diameter is over than 3mm.

## SK16 (approx. 0.08kgs/pc)

Model No.	d	E	Range	D	L
SK16-03	3	18	3~2.75	24.6	45
SK16-3.175	3.175	18	3.175~2.7		
SK16-3.5	3.5	18	3.5~3		
SK16-04	4	20	4~3.5		
SK16-4.5	4.5	20	4.5~4		
SK16-05	5	22	5~4.5		
SK16-5.5	5.5	22	5.5~5		
SK16-06	6	25	6~5.5		
SK16-6.5	6.5	25	6.5~6		
SK16-07	7	28	7~6.5		
SK16-7.5	7.5	28	7.5~7		
SK16-08	8	34	8~7.5		
SK16-8.5	8.5	34	8.5~8		
SK16-09	9	34	9~8.5		
SK16-9.5	9.5	34	9.5~9		
SK16-10	10	34	10~9.5		
SK16-10.5	10.5	34	10.5~10		
SK16-11	11	34	11~10.5		
SK16-11.5	11.5	34	11.5~11		
SK16-12	12	34	12~11.5		
SK16-12.5	12.5	34	12.5~12		
SK16-13	13	34	13~12.5		
SK16-13.5	13.5	34	13.5~13		
SK16-14	14	34	14~13.5		
SK16-14.5	14.5	34	14.5~14		
SK16-15	15	34	15~14.5		
SK16-15.5	15.5	34	15.5~15		
SK16-16	16	45	16~15.5		

Unit: mm

- 請於訂購時註明 A 級或 AA 級 例：  
SK10-06 AA or SK10E-04 AA  
SK1;SK10- 8PCS AA or SK10E-6PCS AA
- 筒夾的孔徑小於 3mm，其夾持範圍為 0.25mm；若大於 3mm 則為 0.5mm

## Inch Size

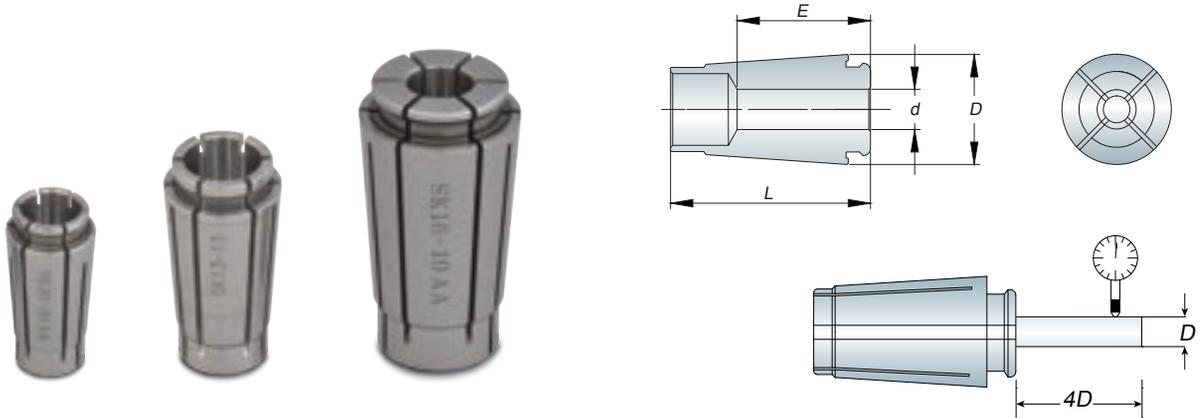
Model No.	d
SK06	1/8, 3/16
SK10	1/8, 3/16, 1/4, 5/16, 3/8
SK13	1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2
SK16	1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8
SK20	1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4
SK25	3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4, 1"

# High Speed Collet

精密筒夾

# SK

## BT / NT series



### SK20 (approx. 0.14kgs/pc)

Model No.	d	E	Range	D	L
SK20-04	4	18	3.5~4	29.1	54.3
SK20-05	5	18	4.5~5		
SK20-06	6	24	5.5~6		
SK20-07	7	24	6.5~7		
SK20-08	8	32	7.5~8		
SK20-09	9	32	8.5~9		
SK20-10	10	38	9.5~10		
SK20-11	11	38	10.5~11		
SK20-12	12	38	11.5~12		
SK20-13	13	38	12.5~13		
SK20-14	14	38	13.5~14		
SK20-15	15	38	14.5~15		
SK20-16	16	39	15.5~16		
SK20-17	17	39	16.5~17		
SK20-18	18	39	17.5~18		
SK20-19	19	45	18.5~19		
SK20-20	20	50	19.5~20		

Unit: mm

### SK25 (approx. 0.24kgs/pc)

Model No.	d	E	Range	D	L
SK25-06	6	24	5.5~6	35.7	57
SK25-08	8	32	7.5~8		
SK25-10	10	40	9.5~10		
SK25-12	12	42	11.5~12		
SK25-14	14	42	13.5~14		
SK25-16	16	44	15.5~16		
SK25-17	17	44	16.5~17		
SK25-18	18	44	17.5~18		
SK25-19	19	44	18.5~19		
SK25-20	20	46	19.5~20		
SK25-21	21	46	20.5~21		
SK25-22	22	46	21.5~22		
SK25-23	23	46	22.5~23		
SK25-24	24	46	23.5~24		
SK25-25	25	57	24.5~25		

Unit: mm

筒夾等級	跳動精度倍直徑前
A 級	$\leq 10\mu$
AA 級	$\leq 5\mu$

- When ordering, please specify the collet grade with A or AA. For example: SK10-06 AA or SK10E-04 AA SK10-8PCS AA or SK10E-6PCS AA
- The clamping range is 0.25mm if the inside diameter is less than 3mm; clamping range is 0.5mm if the inside diameter is over than 3mm.
- 請於訂購時註明 A 級或 AA 級  
例：SK10-06 AA or SK10E-04 AA SK1;SK10- 8PCS AA or SK10E-6PCS AA
- 筒夾的孔徑小於 3mm，其夾持範圍為 0.25mm；若大於 3mm 則為 0.5mm

## Collet - Coolant Type

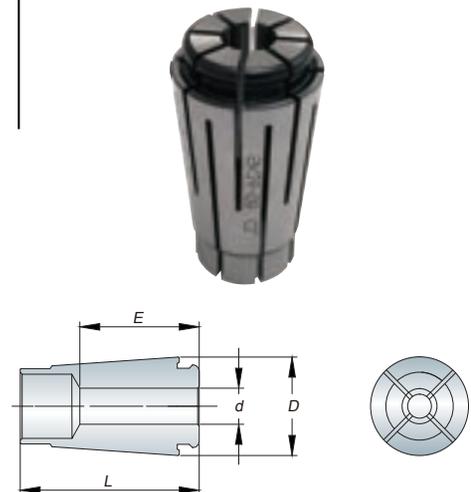
止水型筒夾

Model No.	d	E	D	L
SK10-3CL	3	15	15.6	31
SK10-4CL	4	20	15.6	31
SK10-5CL	5	20	15.6	31
SK10-6CL	6	24	15.6	31
SK10-8CL	8	24	15.6	31
SK10-10CL	10	30.5	15.6	31

Unit: mm

Model No.	d	E	D	L
SK16-3CL	3	18	24.6	45
SK16-4CL	4	20	24.6	45
SK16-5CL	5	22	24.6	45
SK16-6CL	6	25	24.6	45
SK16-8CL	8	34	24.6	45
SK16-10CL	10	34	24.6	45
SK16-12CL	12	34	24.6	45
SK16-14CL	14	37	24.6	45
SK16-16CL	16	45	24.6	45

Unit: mm

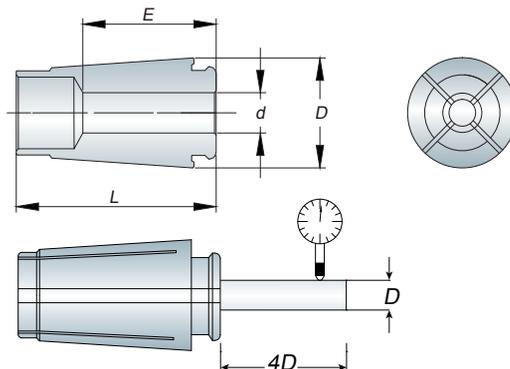


BT / NT  
series

SK

# Collet for End Mill

立銑專用筒夾



筒夾等級 Collet Grade	跳動精度 / Runout - Max $\mu$ 4 倍直徑前 - 4xD
A 級	$\leq 10\mu$
AA 級	$\leq 5\mu$

## SK06E (approx. 0.006kgs/pc)

Model No.	d	E	D	L
SK06E-03	3	15		
SK06E-3.175	3.175	15	10.4	25
SK06E-04	4	16		
SK06E-06	6	21		

Unit: mm

## SK10E (approx. 0.02kgs/pc)

Model No.	d	E	D	L
SK10E-03	3	15		
SK10E-3.175	3.175	15		
SK10E-04	4	20		
SK10E-05	5	20	15.6	31
SK10E-06	6	24		
SK10E-08	8	24		
SK10E-10	10	30.5		

Unit: mm

## SK13E (approx. 0.04kgs/pc)

Model No.	d	E	D	L
SK13E-03	3	18		
SK13E-3.175	3.175	18		
SK13E-04	4	20		
SK13E-05	5	20	20	39
SK13E-06	6	24		
SK13E-08	8	28		
SK13E-10	10	30		
SK13E-12	12	39		

Unit: mm

## SK16E (approx. 0.08kgs/pc)

Model No.	d	E	D	L
SK16E-03	3	18		
SK16E-3.175	3.175	18		
SK16E-04	4	20		
SK16E-05	5	22		
SK16E-06	6	25	24.6	45
SK16E-08	8	34		
SK16E-10	10	34		
SK16E-12	12	34		
SK16E-16	16	45		

Unit: mm

## SK20E (approx. 0.15kgs/pc)

Model No.	d	E	D	L
SK20E-04	4	18		
SK20E-05	5	18		
SK20E-06	6	24		
SK20E-08	8	32		
SK20E-10	10	38	29.1	54.3
SK20E-12	12	38		
SK20E-14	14	39		
SK20E-16	16	39		
SK20E-20	20	50		

Unit: mm

## SK25E (approx. 0.25kgs/pc)

Model No.	d	E	D	L
SK25E-06	6	24		
SK25E-08	8	32		
SK25E-10	10	40		
SK25E-12	12	42		
SK25E-14	14	42		
SK25E-16	16	44	35.7	57
SK25E-18	18	44		
SK25E-20	20	46		
SK25E-22	22	46		
SK25E-24	24	46		
SK25E-25	25	57		
SK25E-25.4	25.4	57		

Unit: mm

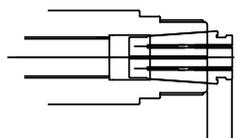
### Inch Size

Model No.	d
SK06E	1/8, 3/16
SK10E	1/8, 3/16, 1/4, 5/16, 3/8
SK13E	1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2
SK16E	1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8
SK20E	1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4
SK25E	3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4, 1"

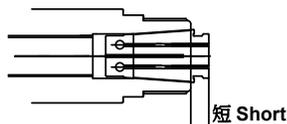
- When ordering, please specify the collet grade with A or AA.  
For example: SK10-06 AA or SK10E-04 AA  
SK10-8PCS A;SK10-8PCS AA or SK10E-6PCS AA
- The clamping range is 0.25mm if the inside diameter is less than 3mm;  
clamping range is 0.5mm if the inside diameter is over than 3mm.
- SK-E collets special designed for end mill.

- 請於訂購時註明 A 級或 AA 級  
例：SK10-06 AA or SK10E-04 AA  
SK1;SK10- 8PCS AA or SK10E-6PCS AA
- 筒夾的孔徑小於 3mm，其夾持範圍為 0.25mm；若大於 3mm 則為 0.5mm
- 立銑刀專用筒夾

\*\*\* 比較 / Compare\*\*\*

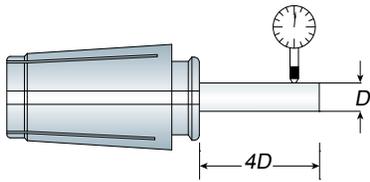


ASK Collet



ASK - E Type

- Gripping power of SK-E collets is 20 % more than SK collets. Can Provide high stability performance during milling.
- SK-E 型筒夾，夾持力度較 SK 筒夾高 20%，使其能在銑削過程中達到更高的穩定性。



# Collet Set

精密筒夾組

SK

BT / NT  
series

筒夾等級 Collet Grade	跳動精度 / Runout - Max $\mu$ 4 倍直徑前 - 4xD
A 級	10 $\mu$
AA 級	5 $\mu$



Model No.	Specification	Weight (kg)
SK10-8PCS	3,4,5,6,7,8,9,10	0.40
SK13-7PCS	3,4,5,6,8,10,12	0.80
SK16-7PCS	3,4,6,8,10,12,16	1.00
SK25-7PCS	6,8,10,12,16,20,25	2.10

Unit: mm

- When ordering, please specify the collet grade with A or AA.  
For example: SK10-06 AA or SK10E-04 AA, SK10-8PCS ASK10-8PCS AA or SK10E-6PCS AA
- SK COLLET SET FOR END MILL upon your request.
- 請於訂購時註明 A 級或 AA 級  
例：SK10-06 AA or SK10E-04 AA / SK10-8PCS AA or SK10E-6PCS AA
- 如需 SK 立銑刀專用筒夾組，可另詢

# Collet Box

收納盒



Model No.	Qty.	Size	Suit
B-SK1021	21	18x10x5cm	SK06 / SK10
B-SK1628	28	27x18x7cm	SK13 / SK16

Unit: mm

- Using SK Collet Box to store the collet is beneficial to manage and keep the precision of collet.
- 使用 SK 木盒管理收納筒夾可有利於筒夾保管及長期維持筒夾精度

# Collet Extractor

筒夾裝取器



Step 1



Step 2



- To put collet into the extractor
- 將筒夾裝於裝取器
- To put collet and extractor into the ASK nut, then push it to release the collet from the extractor
- 將筒夾置入螺帽定位後推出筒夾

Step 3



- Taking out the extractor
- 取回裝取器

- Each ASK06 holder attach 1pc collet extractor. Other sizes, must be ordered separately.
- 所有的 ASK06 刀桿均附一個裝取器，其餘尺寸，若有需要請另購

BT / NT  
series

ASK

## Wrench

扳手



Model No.	D	Weight (kg)
WASK06	19.05	0.30
WASK10 (WAVC06)	27	0.50
WASK13	33	0.65
WASK16 (WAVC12)	40	0.80
WASK20	48	0.80
WASK25 (WASG20)	54	0.85

Unit: mm



Fig. 1



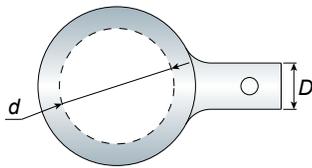
Fig. 2

## C-Type Wrench

C 型扳手

Model No.	FIG.	D	Weight (kg)
WASK06C	1	19	0.08
WASK10C	1	25	0.12
WASK13C	1	33	0.18
WASK16AC	1	40	0.20
WASK16C	2	40	0.20
WASK20C	2	48	0.22
WASK25C	2	54	0.25

Unit: mm



## Wrench Spigot

扭力扳手轉接頭

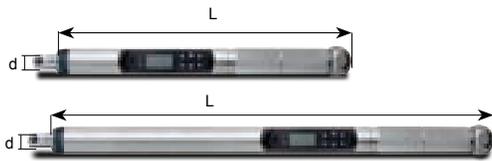


Model No.	Type	d	D	Suit For	Weight (kg)
ASK06TC	ASK06	19.05	16	ASK06-NUT	0.18
ASK10TC	ASK10	27	16	ASK10-NUT	0.20
ASK13TC	ASK13	33	16	ASK13-NUT	0.23
ASK16TC	ASK16	40	16	ASK16-NUT	0.25
ASK20TC	ASK20	48	16	ASK20-NUT	0.30
ASK25TC	ASK25	54	16	ASK25-NUT	0.35

Unit: mm

## Spigot Interchangeable Digital

Torque Wrench 數位顯示扭力扳手



Model No.	d	L	Nm	lbf-ft	lbf-in	Weight (kg)
WDG-252	16	373	10~135	7.4~99.6	89~1195	0.80
WDG-253	16	548	20~200	14.8~147	178~1780	1.05
WDG-254	16	748	34~340	25~250.9	301~3010	1.35

Unit: mm

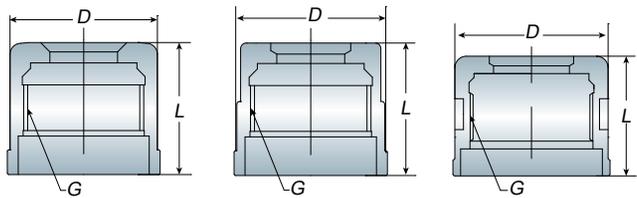
## Torque Wrench

扭力扳手



Model No.	d	L	Nm	lbf-ft	lbf-in	Weight (kg)
OP-1710AKB	16	405	20~100	14.8~74	178~890	1.15
OP-1718AK	16	500	40~200	29.6~148	356~1780	1.38
OP-1720AK	16	575	60~320	44.4~236.8	534~2848	1.50

Unit: mm



高速螺帽  
High Speed Nut

C 型螺帽 - Fig.1  
C Type Nut - Fig.1  
ASK06/10/13/16AC

C 型螺帽 - Fig.2  
C Type Nut - Fig.2  
ASK16/20/25

## Nut 螺帽

# ASK

## BT / NT series

High Speed Nut 高速螺帽	Model No.	D	L	G	Weight (kg)
	ASK06-NUT	19.05	21	M15x1.0P	0.02
	ASK10-NUT	27	24	M22x1.0P	0.04
	ASK13-NUT	33	27	M27x1.0P	0.08
	ASK16-NUT	40	31	M32x1.5P	0.11
	ASK20-NUT	48	30	M40x1.0P	0.14
	ASK25-NUT	54	37	M45x1.5P	0.23

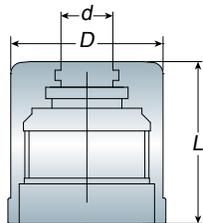
C Type Nut C 型螺帽	Model No.	FIG.	D	L	G	Weight (kg)
	ASK06C-NUT	1	19.05	21	M15x1.0P	0.02
	ASK10C-NUT	1	27	24	M22x1.0P	0.04
	ASK13C-NUT	1	33	27	M27x1.0P	0.08
	ASK16AC-NUT	1	40	27	M32x1.5P	0.08
	ASK16C-NUT	2	40	31	M32x1.5P	0.11
	ASK20C-NUT	2	48	30	M40x1.0P	0.15
ASK25C-NUT	2	54	37	M45x1.5P	0.18	



Fig.1



Fig.2



## Coolant Nut

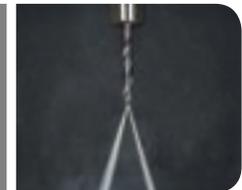
出水螺帽

Model No.	O-ring No.	d	D	L	Weight (kg)
ASK06-03CL	S-3	3	19.05	26	0.05
ASK06-04CL	S-4	4			
ASK06-05CL	S-5	5			
ASK06-06CL	S-6	6			
ASK10-03CL	S-3	3	27	28.5	0.04
ASK10-04CL	S-4	4			
ASK10-05CL	S-5	5			
ASK10-06CL	S-6	6			
ASK10-07CL	S-7	7			
ASK10-08CL	S-8	8			
ASK10-09CL	S-9	9			
ASK10-10CL	S-10	10			
ASK13-03CL	S-3	3	33	33	0.10
ASK13-04CL	S-4	4			
ASK13-05CL	S-5	5			
ASK13-06CL	S-6	6			
ASK13-07CL	S-7	7			
ASK13-08CL	S-8	8			
ASK13-09CL	S-9	9			
ASK13-10CL	S-10	10			
ASK13-11CL	S-11	11			
ASK13-12CL	S-12	12			
ASK13-13CL	S-13	13			
ASK16-03CL	S-3	3	40	37	0.12
ASK16-04CL	S-4	4			
ASK16-05CL	S-5	5			
ASK16-06CL	S-6	6			
ASK16-07CL	S-7	7			
ASK16-08CL	S-8	8			
ASK16-09CL	S-9	9			
ASK16-10CL	S-10	10			
ASK16-11CL	S-11	11			
ASK16-12CL	S-12	12			
ASK16-13CL	S-13	13			
ASK16-14CL	S-14	14			
ASK16-15CL	S-15	15			
ASK16-16CL	S-16	16			

Unit: mm



Through tools  
刀尖出水



- Coolant Nut design with oil seal (O-ring). Each nut includes one O-ring.
- Complete coolant condition must to use with coolant tool.
- O-ring is consumable and it can be bought separately.
- 此款出水螺帽為 "O" 型密封螺帽，每一個螺帽含有一個 O 型環
- 必須搭配中心出水刀具才有完全出水效果
- O 型環為損耗品，可單獨購買

