

PSC

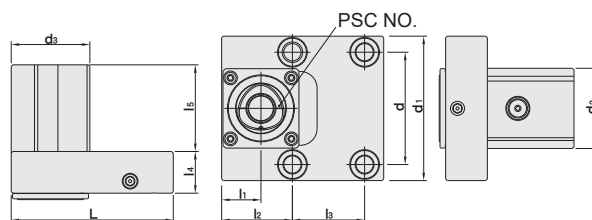
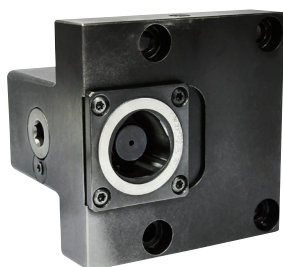
CATEGORY

ISO 26623

EOTP ONE-PIECE EXTERNAL TOOL POST	H-2	MLD MULTI - LOCK MILLING CHUCK	H-58
IOTP ONE-PIECE INTERNAL TOOL POST	H-3	SAF RUNOUT ADJUSTABLE HOLDER	H-59~63
IOTP-QR ONE-PIECE INTERNAL TOOL POST	H-4	SBF RADIAL ZERO ADJUSTABLE HOLDER	H-64
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HBL SLIM-FIT COLLECT CHUCK	H-56		
SMG NON-PULLOUT MILLING CHUCK	H-57		

EOTP ONE-PIECE EXTERNAL TOOL POST FOR LATHE

EOTP 一體式外徑刀座



Machine Brand: VICTOR TAICHUNG

MODEL NO.	TYPE	PSC NO.	L	l ₁	l ₂	l ₃	l ₄	l ₅	d	d ₁	d ₂	d ₃	MODEL NO.	WEIGHT (KGS)
5305-091-00	EOTP40 - OR	PSC40	108.5	24.5	43.5	35	26	54	76	105	50	49	Vturn26 (10 ST)	2.81
5305-091-01	EC4 - S26	PSC40	108.5	24.5	43.5	35	26	54	76	105	50	49	Vturn-S26 (10 ST)	2.41

Machine Brand: HAAS

5305-092-00	EOTP40 - HA	PSC40	101	24.5	44.1	45	26	54	70	90	50	49	ST (12 ST)	2.40
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Machine Brand: DMG MORI

5305-093-00	EOTP40 - MO	PSC40	108.5	24.5	44	35	26	54	76	105	50	49	CL2000E (10 ST)	2.88
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Machine Brand: MAZAK

5305-094-00	EOTP40 - MA	PSC40	104	24.5	32.75	60	33.5	45	84	104	49	47.75	QTS-250 (12 ST)	2.90
5305-094-02	EC4 - QT	PSC40	104	24.5	32.75	60	25.5	53	84	104	49	47.75	QTS-250 (12 ST)	2.47

Machine Brand: GOODWAY

5305-095-00	EOTP40 - GW	PSC40	114	24.5	49	35	26	54	76	105	50	49	GA2000 (12 ST)	2.99
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Machine Brand: TAKISAWA

5305-097-00	EOTP40 - EX	PSC40	104	24.5	39	45	26	54	92	114	50	59	NEX-108 / NEX-110 (10 ST)	2.90
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Features:

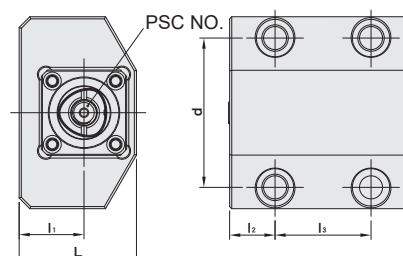
- ▶ One-piece tool post can be customized as per customer's machines.
- ▶ One-piece tool post with PSC interface.
- ▶ Quick tool change in 10~30 seconds.
- ▶ PSC interface achieves high repeated positional precision $\pm 2\mu\text{m}$.
- ▶ Durable for high coolant pressure 130 bar.



IOTP ONE-PIECE INTERNAL TOOL POST FOR LATHE

IOTP 一體式內徑刀座 [後拉式]

Lock
from here →



Machine Brand: HAAS

MODEL NO.	TYPE	PSC NO.	L	l ₁	l ₂	l ₃	d	MODEL NO.	WEIGHT (KGS)
5305-172-00	IOTP40 - HA	PSC40	60	30.4	21.3	45	70	ST (12 ST)	2.70

Machine Brand: MAZAK

5305-174-00	IOTP40 - MA	PSC40	93.2	63	10	60	84	QT-200 / QTS-200 / QTS-250 (12 ST)	4.41
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Machine Brand: DMG MORI

5305-173-00	IOTP40 - MO	PSC40	80	46	25	35	76	CL2000E (10 ST)	4.10
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Machine Brand: VICTOR TAICHUNG

5305-171-00	IOTP40 - OR	PSC40	81	46	25	35	76	Vturn26 (10 ST)	4.15
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Machine Brand: GOODWAY

5305-175-00	IOTP40 - GW	PSC40	75	40	25	35	76	GA2000 (12 ST)	4.20
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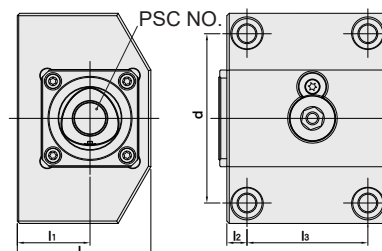
Features:

- ▶ One-piece tool post can be customized as per customer's machines.
- ▶ One-piece tool post with PSC interface.
- ▶ Quick tool change in 10~30 seconds.
- ▶ PSC interface achieves high repeated positional precision $\pm 2\mu\text{m}$.
- ▶ Durable for high coolant pressure 130 bar.



IOTP-QR ONE-PIECE INTERNAL TOOL POST FOR LATHE

IOTP-QR 一體式內徑刀座



Machine Brand: MAZAK

MODEL NO.	TYPE	PSC NO.	L	l ₁	l ₂	l ₃	d	MODEL NO.	WEIGHT (KGS)
5305-134-00	IOTP40 - QR - MA	PSC40	89.5	63	10	60	84	QT-200 / QTS-200 / QTS-250 (12 ST)	4.92
5305-134-01	IC4 - QT	PSC40	80	26.5	10	60	84	QT-200 / QTS-200 / QTS-250 (12 ST)	3.94

Machine Brand: DMG MORI

5305-133-00	IOTP40 - QR - MO	PSC40	72.5	46	25	35	76	CL2000E (10 ST)	4.47
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Machine Brand: VICTOR TAICHUNG

5305-131-00	IOTP40 - QR - OR	PSC40	72.5	46	25	35	76	Vturn-26 (10 ST)	4.52
5305-131-01	IC4 - S26	PSC40	90	26.5	25	35	76	Vturn-S26 (10 ST)	3.54

Machine Brand: GOODWAY

5305-135-00	IOTP40 - QR - GW	PSC40	66.5	40	25	35	76	GA2000 (12 ST)	4.46
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Machine Brand: YANG IRON

5305-138-00	IOTP40 - QR - YI	PSC40	66.5	40	14	42	68	YLM-6 / YLM-8A (8 / 10 / 12 ST)	4.47
5305-138-01	IOTP40 - QR - YI - 8"	PSC40	85.5	59	21.5	56	88	YLM-8B / YLM-10A (8 / 10 / 12 ST)	5.35

Machine Brand: TAKISAWA

5305-137-00	IOTP40 - QR - EX	PSC40	70.2	30.2	20	45	92	NEX-108 / NEX-110 (10 ST)	5.25
5305-139-01	IC4 - NEX108	PSC40	80	24.5	15	45	92	NEX108 (12 ST)	2.23

Machine Brand: VICTOR TAICHUNG

5305-141-00	IC5 - S36	PSC50	113	33	32	63	88	Vturn-S36 (12 ST)	5.56
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Machine Brand: TAKISAWA

5305-149-00	IC5 - LA250	PSC50	100	35	20	60	110	LA250 (10 / 12 ST)	5.40
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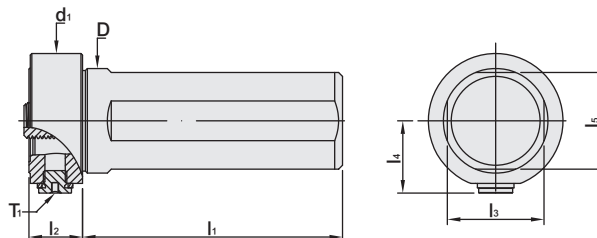
Features:

- ▶ One-piece tool post can be customized as per customer's machines.
- ▶ One-piece tool post with PSC interface.
- ▶ Quick tool change in 10~30 seconds.
- ▶ PSC interface achieves high repeated positional precision $\pm 2\mu\text{m}$.
- ▶ Durable for high coolant pressure 130 bar.



AL ADAPTER FOR LATHE

AL 車床套筒 [PSC 刀桿專用]



MODEL NO.	TYPE	l ₁	l ₂	l ₃	l ₄	l ₅	D	d ₁	T ₁	APPLICABLE MACHINE	WEIGHT (KGS)
5152-013-310-073	AL3 x C25 - 73	73	25	23	26	23	25	45.5	PF1/8	-	0.48
5152-013-320-080	AL3 x C32 - 80	80	18	30	26	30	32	45.5	PF1/8	-	0.53
5152-013-321-080	AL3 x C32 - 80 - A	80	18	30	26	30	32	45.5	PF1/8	OR	0.57
5152-013-330-100	AL3 x C40 - 100	100	18	37	26	37	40	45.5	PF1/8	-	0.94
5152-013-430-100	AL4 x C40 - 100	99.5	20.5	37	28	37	40	51.5	PF1/8	-	0.99
5152-013-431-100	AL4 x C40 - 100 - A	99.5	20.5	37	28	37	40	51.5	PF1/8	OR	0.98
5152-013-438-100	AL4 x C40 - 100 - B	99.5	20.5	37	28	38.5	40	51.5	PF1/8	YIPC	0.99
5152-013-540-120	AL5 x C50 - 120	120	24	47	33	47	50	61.5	PF1/8	-	1.82

Wrench



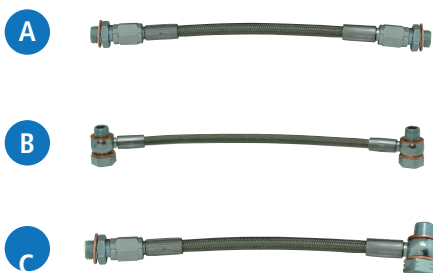
P.X-89

Features:

- Used with PSC tool holders. ► Quick change design. ► Modular system: internal hole 25 32 40 50.

HIGH-PRESSURE COOLANT PIPE

高壓水管 [用於 AL 套筒]



MODEL NO.	TYPE	LENGTH	MAX. WATER PRESSURE
5310-3150	HOSE - A - 150	150	80 bar
5310-3200	HOSE - A - 200	200	80 bar
5310-4150	HOSE - B - 150	150	80 bar
5310-4200	HOSE - B - 200	200	80 bar
5310-5150	HOSE - C - 150	150	80 bar
5310-5200	HOSE - C - 200	200	80 bar

Features:

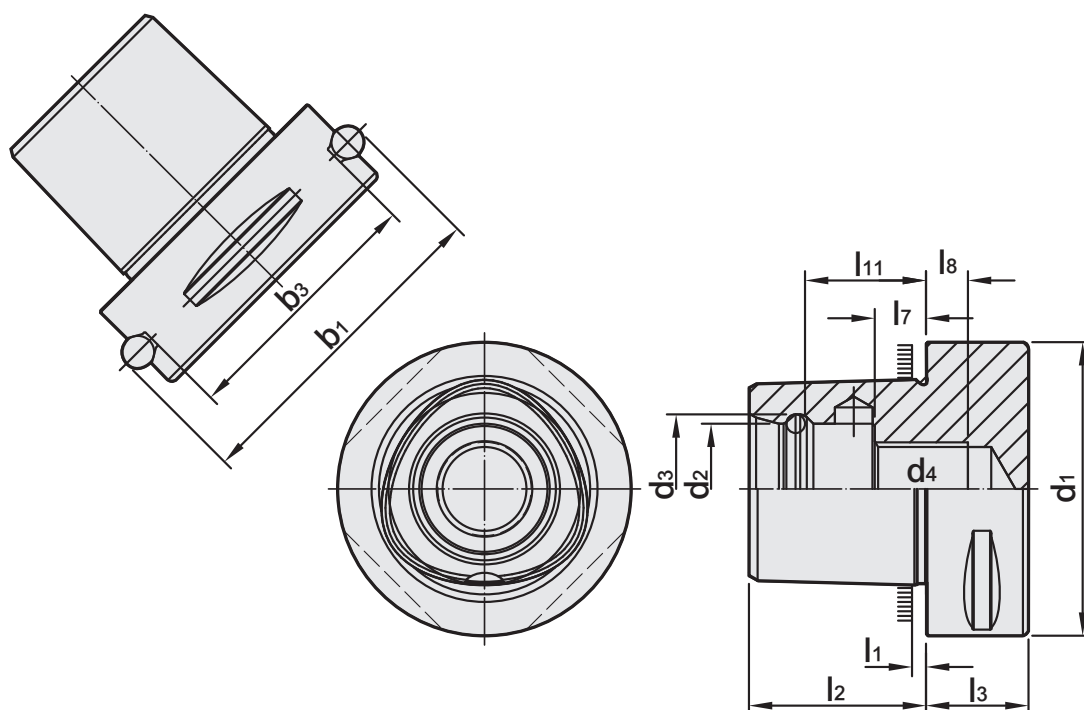
- Used for AL adapter.



REFERENCE DETAILS

DIN ISO 26623

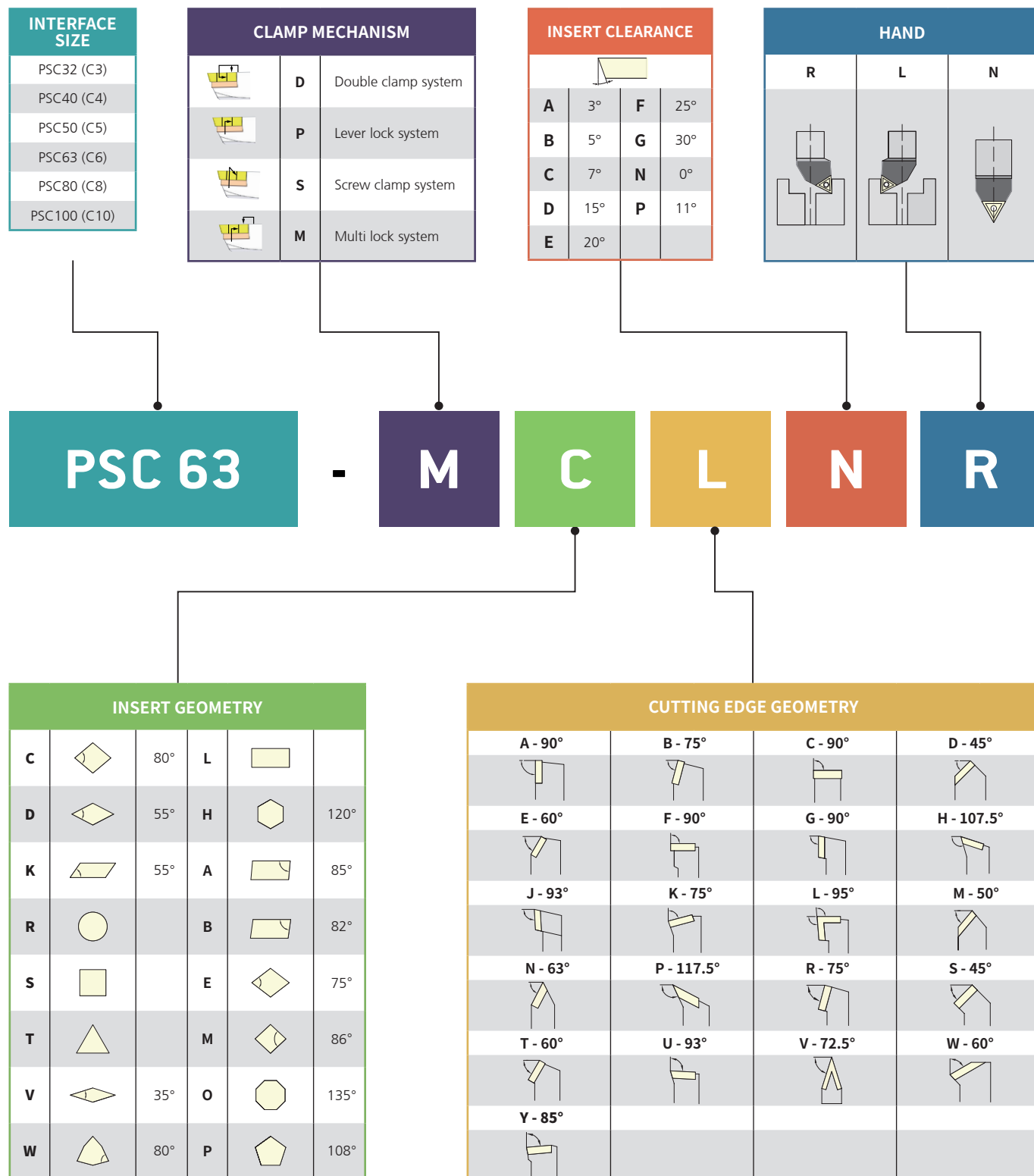
- ▶ Shank body standard: **ISO 26623**
- ▶ Taper tolerance < **AT3**
- ▶ Hardness > **HRC 56°**
- ▶ Surface roughness: Ra < **0.25 µm**
- ▶ Roundness < **0.8 µm**
- ▶ Carbon depth > **0.8mm**
- ▶ The shank has pre-balance at G6.3, and can provide precision balance at G2.5.
It can be ordered by request.



PSC	b ₁ ±0.1	b ₃ ±0.1	d ₁ ±0.1	d ₂ +0.1 -0.05	d ₃ ±0.05	d ₄
32	39	27.9	32	15	16.5	M12 x 1.5P
40	46	34.9	40	18	20	M14 x 1.5P
50	59.3	44	50	21	24	M16 x 1.5P
63	70.7	55.4	63	28	32	M20 x 2.0P
80	86	70.7	80	32	38	M20 x 2.0P
100	110	88.3	100	43	50.5	M24 x 2.0P
PSC	l ₁	l ₂ ±0.1	l ₃ min	l ₇ ±0.15	l ₈ min	l ₁₁ ±0.1
32	2.5	19	15	6	6	13.5
40	2.5	24	20	9	6	17.5
50	3	30	20	10	7	22
63	3	38	22	11	9	26
80	3	48	30	20	0	34
100	3	60	36	20	10	42.5

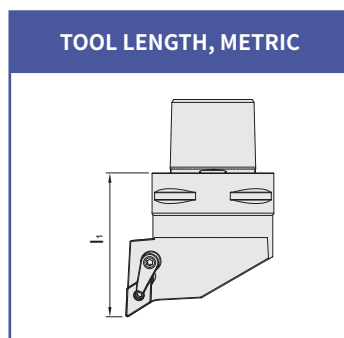
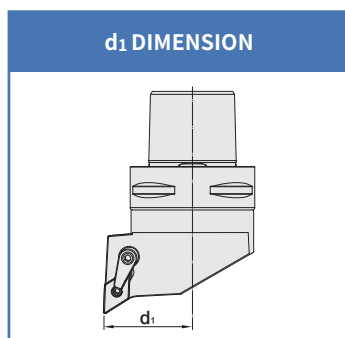
DESIGNATION OF PSC

PSC 編碼原則



DESIGNATION OF PSC

PSC 編碼原則



45

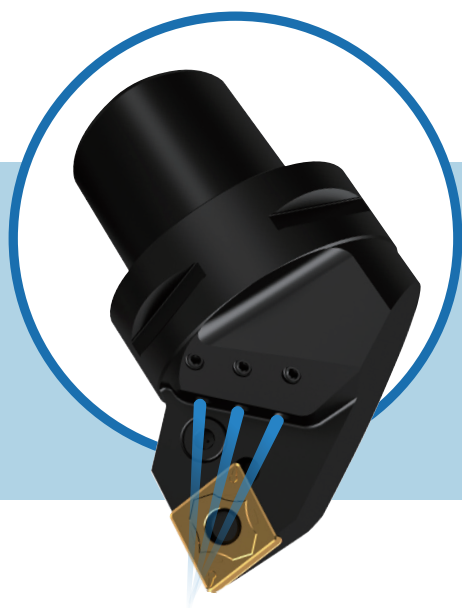
065

12

INSERT EDGE LENGTH							
Insert inscribed circle							
6.35	06	07	11	-	11	-	-
7.94	08	-	-	-	13	-	-
9.525	09	11	16	-	16	09	06
12.00	-	-	-	12	-	-	-
12.70	12	15	-	-	22	12	08

COOLANT OUTLETS OF TURNING TOOL

PSC 外徑車刀出水介紹



COOLANT HOLE — GHP TYPE 70bar

GENERAL HIGH COOLANT PRESSURE WITH COOLANT HOLES

The coolant pressure of turning tool GHP type can be up to 70 Bar. The coolant holes are designed to be closer to the cutting zone, which makes the coolant more efficient to improve chip control, extend tool life and increase the processing efficiency.

COOLANT NOZZLE 10bar

WITH COOLANT NOZZLE

The coolant pressure of the turning tool with a coolant nozzle is 10 bar. The angle adjustable nozzle can deliver coolant directly to the cutting zone.



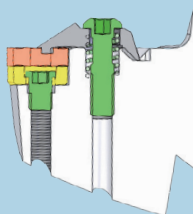
Application:

► Idea for CNC lathes and millturn machines.



CLAMPING SYSTEM OF TURNING TOOL

車刀夾持系統



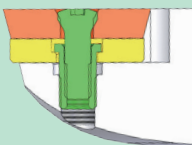
D TYPE DOUBLE CLAMP

Firmly clamp the insert in two directions with one action.



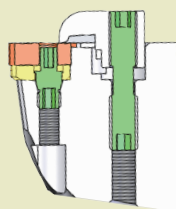
P TYPE LEVER LOCK

- Easy insert replacement.
- General use.



S TYPE SCREW CLAMP

- Simple mechanism.
- Fewer parts.
- Finishing and medium machining.

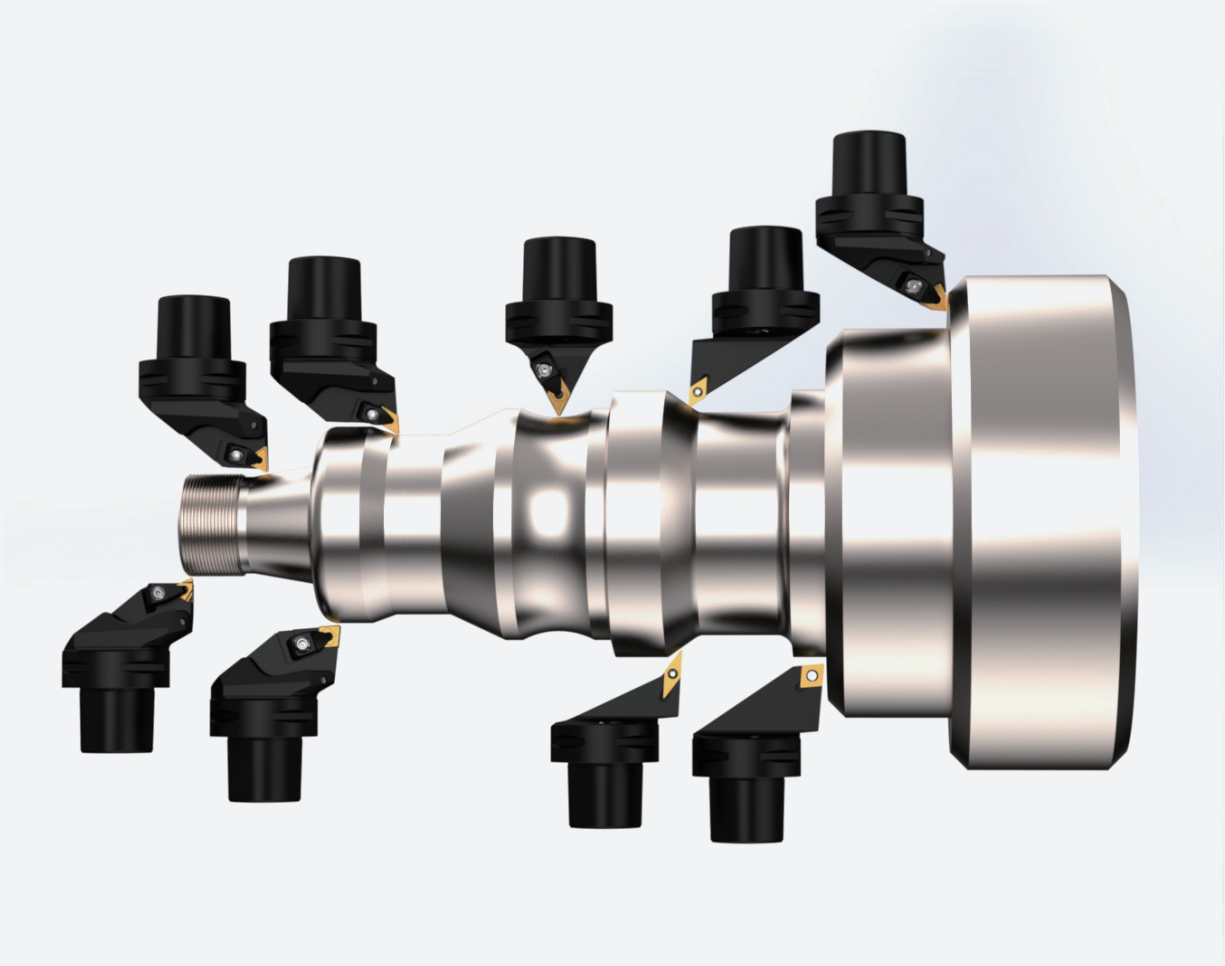


M TYPE MULTI LOCK

- Combination of top clamp and pin lock.
- Rigid clamping.
- Heavy machining.

PSC EXTERNAL TURNING TOOL

PSC

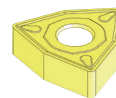


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|-------------|------------------|
| 1. PSC DWLN | SEE PAGE P.12 |
| 2. PSC DTJN | SEE PAGE P.13 |
| 3. PSC DCLN | SEE PAGE P.14 |
| 4. PSC DDJN | SEE PAGE P.15-16 |

- | | |
|-------------|------------------|
| 5. PSC SVJB | SEE PAGE P.17 |
| 6. PSC SCLC | SEE PAGE P.18-19 |
| 7. PSC SDJC | SEE PAGE P.20 |
| 8. PSC DE | SEE PAGE P.21 |

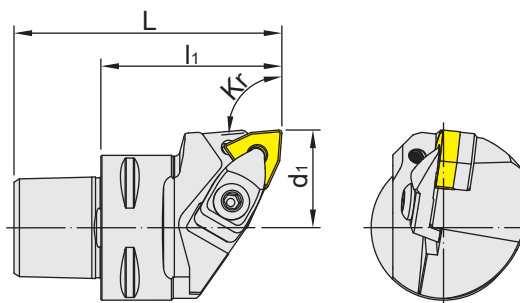


PSC / DWLN EXTERNAL TURNING TOOL



PSC / DWLN 外徑車刀

WN..0804

70
bar

Kr=95°

MODEL NO.	TYPE	L	l ₁	d ₁	Insert	WEIGHT (KGS)
5141-D32-08L-050	PSC40 - DWLNR - 27050 - 08 - GHP	74	50	27	WN..0804	0.42
5141-D32-08R-050	PSC40 - DWLNL - 27050 - 08 - GHP	74	50	27	WN..0804	0.42
5142-D32-08L-060	PSC50 - DWLNR - 35060 - 08 - GHP	90	60	35	WN..0804	0.78
5142-D32-08R-060	PSC50 - DWLNL - 35060 - 08 - GHP	90	60	35	WN..0804	0.78
5143-D32-08L-065	PSC63 - DWLNR - 45065 - 08 - GHP	103	65	45	WN..0804	0.80
5143-D32-08R-065	PSC63 - DWLNL - 45065 - 08 - GHP	103	65	45	WN..0804	0.80
5144-D32-08L-080	PSC80 - DWLNR - 55080 - 08 - GHP	128	80	55	WN..0804	2.64
5144-D32-08R-080	PSC80 - DWLNL - 55080 - 08 - GHP	128	80	55	WN..0804	2.64

Product information:

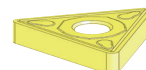
► Inserts are optional accessories and need to be purchased additionally.

Accessory:

Insert	Clamp	Shim	Shim screw	Clamp screw	Spring	Wrench
						
WN..0804	C2RA	W08BM	SM6x10xA1	CM6x25C	SPR4	4mm



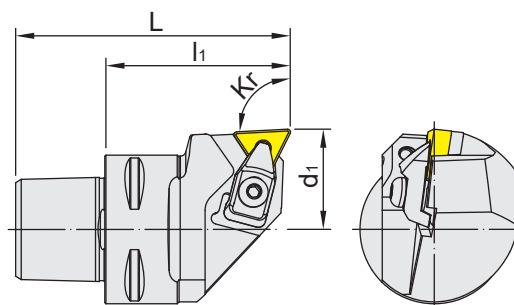
PSC / DTJN EXTERNAL TURNING TOOL



PSC / DTJN 外徑車刀

DN..1506

70
bar



Kr=93°

MODEL NO.	TYPE	L	l ₁	d ₁	Insert	WEIGHT (KGS)
5140-D29-16R-040	PSC32 - DTJNR - 22040 - 16 - GHP	59	40	22	TN..1604	0.22
5140-D29-16L-040	PSC32 - DTJNL - 22040 - 16 - GHP	59	40	22	TN..1604	0.22
5141-D29-16R-050	PSC40 - DTJNR - 27050 - 16 - GHP	74	50	27	TN..1604	0.42
5141-D29-16L-050	PSC40 - DTJNL - 27050 - 16 - GHP	74	50	27	TN..1604	0.42
5142-D29-16R-060	PSC50 - DTJNR - 35060 - 16 - GHP	90	60	35	TN..1604	0.78
5142-D29-16L-060	PSC50 - DTJNL - 35060 - 16 - GHP	90	60	35	TN..1604	0.78
5143-D29-16R-060	PSC63 - DTJNR - 45065 - 16 - GHP	103	65	45	TN..1604	0.80
5143-D29-16L-060	PSC63 - DTJNL - 45065 - 16 - GHP	103	65	45	TN..1604	0.80

Product information:

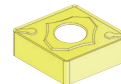
► Inserts are optional accessories and need to be purchased additionally.

Accessory:

Insert	Clamp	Shim	Shim screw	Clamp screw	Spring	Wrench
TN..1604	C1RA	T16BM	SM5x8.65xA1	CM5X22C	SPR6	3mm

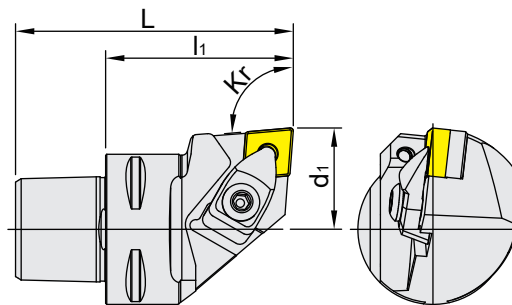


PSC / DCLN EXTERNAL TURNING TOOL



PSC / DCLN 外徑車刀

CN..1204

70
bar

Kr=95°

MODEL NO.	TYPE	L	l ₁	d ₁	Insert	WEIGHT (KGS)
5140-D22-12R-045	PSC32 - DCLNR - 22045 - 12 - GHP	64	45	22	CN..1204	0.22
5140-D22-12L-045	PSC32 - DCLNL - 22045 - 12 - GHP	64	45	22	CN..1204	0.22
5141-D22-12R-050	PSC40 - DCLNR - 27050 - 12 - GHP	74	50	27	CN..1204	0.42
5141-D22-12L-050	PSC40 - DCLNL - 27050 - 12 - GHP	74	50	27	CN..1204	0.42
5142-D22-12R-060	PSC50 - DCLNR - 35060 - 12 - GHP	90	60	35	CN..1204	0.78
5142-D22-12L-060	PSC50 - DCLNL - 35060 - 12 - GHP	90	60	35	CN..1204	0.78
5143-D22-12R-065	PSC63 - DCLNR - 45065 - 12 - GHP	103	65	45	CN..1204	0.80
5143-D22-12L-065	PSC63 - DCLNL - 45065 - 12 - GHP	103	65	45	CN..1204	0.80
5144-D22-12R-080	PSC80 - DCLNR - 55080 - 12 - GHP	128	80	55	CN..1204	2.64
5144-D22-12L-080	PSC80 - DCLNL - 55080 - 12 - GHP	128	80	55	CN..1204	2.64

Product information:

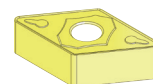
► Inserts are optional accessories and need to be purchased additionally.

Accessory:

Insert	Clamp	Shim	Shim screw	Clamp screw	Spring	Wrench
CN..1204	C2RA	C12BM	SM6x10xA1	CM6x25C	SPR4	4mm



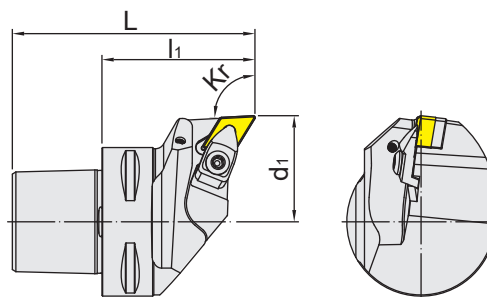
PSC / DDJN EXTERNAL TURNING TOOL



PSC / DDJN 外徑車刀

DN..1104

70
bar



Kr=93°

MODEL NO.	TYPE	L	l ₁	d ₁	Insert	WEIGHT (KGS)
5140-D25-11R-045	PSC32 - DDJNR - 22045 - 11 - GHP	64	45	22	DN..1104	0.20
5140-D25-11L-045	PSC32 - DDJNL - 22045 - 11 - GHP	64	45	22	DN..1104	0.20
5141-D25-11R-050	PSC40 - DDJNR - 27050 - 11 - GHP	74	50	27	DN..1104	0.38
5141-D25-11L-050	PSC40 - DDJNL - 27050 - 11 - GHP	74	50	27	DN..1104	0.38
5142-D25-11R-060	PSC50 - DDJNR - 35060 - 11 - GHP	90	60	35	DN..1104	0.66
5142-D25-11L-060	PSC50 - DDJNL - 35060 - 11 - GHP	90	60	35	DN..1104	0.66
5143-D25-11R-065	PSC63 - DDJNR - 45065 - 11 - GHP	103	65	45	DN..1104	1.07
5143-D25-11L-065	PSC63 - DDJNL - 45065 - 11 - GHP	103	65	45	DN..1104	1.07

Product information:

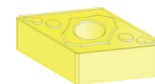
► Inserts are optional accessories and need to be purchased additionally.

Accessory:

Insert	Clamp	Clamp screw	Shim	Shim screw	Spring	Wrench
						
DN..1104	C1RA	CM5x22C	D11BM	SM5x8.65XA1	SPR6	WH30L

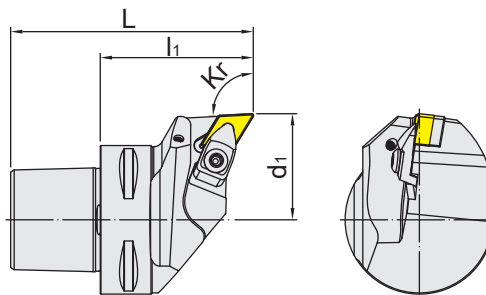


PSC / DDJN EXTERNAL TURNING TOOL



PSC / DDJN 外徑車刀

DN..1506

70
bar

Kr=93°

MODEL NO.	TYPE	L	l ₁	d ₁	Insert	WEIGHT (KGS)
5141-D25-15R-050	PSC40 - DDJNR - 27055 - 15 - GHP	79	55	27	DN..1506	0.40
5141-D25-15L-050	PSC40 - DDJNL - 27055 - 15 - GHP	79	55	27	DN..1506	0.40
5142-D25-15R-060	PSC50 - DDJNR - 35060 - 15 - GHP	90	60	35	DN..1506	0.66
5142-D25-15L-060	PSC50 - DDJNL - 35060 - 15 - GHP	90	60	35	DN..1506	0.66
5143-D25-15R-065	PSC63 - DDJNR - 45065 - 15 - GHP	103	65	45	DN..1506	1.06
5143-D25-15L-065	PSC63 - DDJNL - 45065 - 15 - GHP	103	65	45	DN..1506	1.06

Product information:

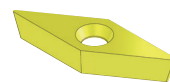
► Inserts are optional accessories and need to be purchased additionally.

Accessory:

Insert	Clamp	Clamp screw	Shim	Shim screw	Spring	Wrench
						
DN..1506	C2RA	CM6x25C	D15BM	SM6x10XA1	SPR4	WH40L



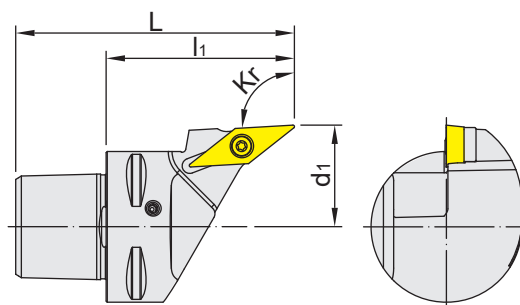
PSC / SVJB EXTERNAL TURNING TOOL



PSC / SVJB 外徑車刀

VB..1604

70
bar



Kr=93°

MODEL NO.	TYPE	L	l ₁	d ₁	Insert	WEIGHT (KGS)
5141-SS4-16L-050	PSC40 - SVJBR - 27050 - 16 - GHP	74	50	27	VB..1604	0.38
5141-SS4-16R-050	PSC40 - SVJBL - 27050 - 16 - GHP	74	50	27	VB..1604	0.38
5142-SS4-16L-060	PSC50 - SVJBR - 35060 - 16 - GHP	90	60	35	VB..1604	0.57
5142-SS4-16R-060	PSC50 - SVJBL - 35060 - 16 - GHP	90	60	35	VB..1604	0.57
5143-SS4-16L-065	PSC63 - SVJBR - 45065 - 16 - GHP	103	65	45	VB..1604	0.95
5143-SS4-16R-065	PSC63 - SVJBL - 45065 - 16 - GHP	103	65	45	VB..1604	0.95

Product information:

► Inserts are optional accessories and need to be purchased additionally.

Accessory:

Insert	Shim	Shim Screw	Screw	Wrench	Wrench
VB..1604	V16BS	SM5x8.65XA	I60M3.5x12	WH35L	WT15IP

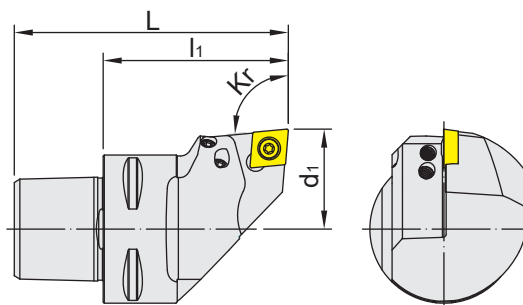


PSC / SCLC EXTERNAL TURNING TOOL



PSC / SCLC 外徑車刀

CC..09T3

70
bar

Kr=95°

MODEL NO.	TYPE	L	l ₁	d ₁	Insert	WEIGHT (KGS)
5140-S04-09R-040	PSC32 - SCLCR - 22040 - 09 - GHP	59	40	22	CC..09T3	0.20
5140-S04-09L-040	PSC32 - SCLCL - 22040 - 09 - GHP	59	40	22	CC..09T3	0.20
5141-S04-09R-050	PSC40 - SCLCR - 27050 - 09 - GHP	74	50	27	CC..09T3	0.38
5141-S04-09L-050	PSC40 - SCLCL - 27050 - 09 - GHP	74	50	27	CC..09T3	0.38
5142-S04-09R-060	PSC50 - SCLCR - 35060 - 09 - GHP	90	60	35	CC..09T3	0.68
5142-S04-09L-060	PSC50 - SCLCL - 35060 - 09 - GHP	90	60	35	CC..09T3	0.68
5143-S04-09R-065	PSC63 - SCLCR - 45065 - 09 - GHP	103	65	45	CC..09T3	1.11
5143-S04-09L-065	PSC63 - SCLCL - 45065 - 09 - GHP	103	65	45	CC..09T3	1.11

Product information:

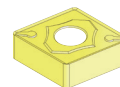
► Inserts are optional accessories and need to be purchased additionally.

Accessory:

Insert	Screw	Wrench
CC..09T3	I60M3.5x8	WT15IP



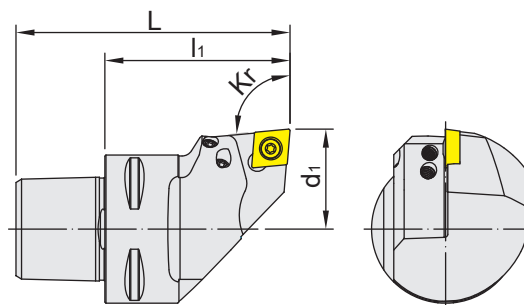
PSC / SCLC EXTERNAL TURNING TOOL



PSC / SCLC 外徑車刀

CC..1204

70
bar



Kr=95°

MODEL NO.	TYPE	L	l ₁	d ₁	Insert	WEIGHT (KGS)
5140-S04-12R-050	PSC32 - SCLCR - 22040 - 12 - GHP	59	40	22	CC..1204	0.23
5140-S04-12L-050	PSC32 - SCLCL - 22040 - 12 - GHP	59	40	22	CC..1204	0.23
5141-S04-12R-050	PSC40 - SCLCR - 27050 - 12 - GHP	74	50	27	CC..1204	0.41
5141-S04-12L-050	PSC40 - SCLCL - 27050 - 12 - GHP	74	50	27	CC..1204	0.41
5142-S04-12R-060	PSC50 - SCLCR - 35060 - 12 - GHP	90	60	35	CC..1204	0.70
5142-S04-12L-060	PSC50 - SCLCL - 35060 - 12 - GHP	90	60	35	CC..1204	0.70
5143-S04-12R-065	PSC63 - SCLCR - 45065 - 12 - GHP	103	65	45	CC..1204	1.15
5143-S04-12L-065	PSC63 - SCLCL - 45065 - 12 - GHP	103	65	45	CC..1204	1.15

Product information:

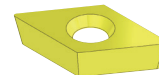
► Inserts are optional accessories and need to be purchased additionally.

Accessory:

Insert	Shim	Shim screw	Screw	Wrench	Wrench
					
CC..1204	C12BS	SM6x10XA	I60M4x11X	WH40L	WT15IP

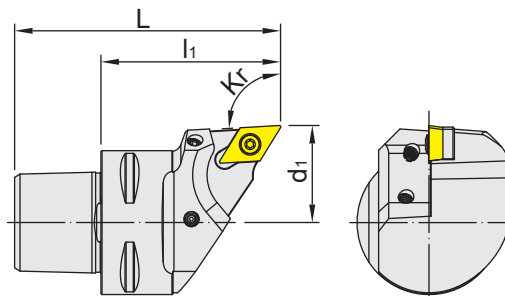


PSC / SDJC EXTERNAL TURNING TOOL



PSC / SDJC 外徑車刀

DC..11T3

70
bar

Kr=93°

MODEL NO.	TYPE	L	l ₁	d ₁	Insert	WEIGHT (KGS)
5141-SS2-11R-050	PSC40 - SDJCR - 27050 - 11 - GHP	74	50	27	DC..11T3	0.34
5141-SS2-11L-050	PSC40 - SDJCL - 27050 - 11 - GHP	74	50	27	DC..11T3	0.34
5142-SS2-11R-060	PSC50 - SDJCR - 35060 - 11 - GHP	90	60	35	DC..11T3	0.64
5142-SS2-11L-060	PSC50 - SDJCL - 35060 - 11 - GHP	90	60	35	DC..11T3	0.64
5143-SS2-11R-065	PSC63 - SDJCR - 45065 - 11 - GHP	103	65	45	DC..11T3	0.99
5143-SS2-11L-065	PSC63 - SDJCL - 45065 - 11 - GHP	103	65	45	DC..11T3	0.99

Product information:

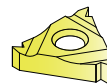
► Inserts are optional accessories and need to be purchased additionally.

Accessory:

Insert	Shim	Shim screw	Screw	Clamp wrench	Wrench
					
DC..11T3	D11BS	SM5x8.65XA	I60M3.5x12	WH35L	WT15IP



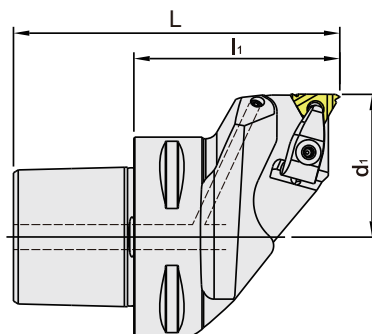
PSC / DE EXTERNAL THREADING TOOL



PSC / DE 外徑螺紋牙刀

16ER../16NR..

140
bar



MODEL NO.	TYPE	L	l ₁	d ₁	Insert	WEIGHT (KGS)
5143-096-16R-065	PSC63-DER-45065-16-UHP	103	65	45	16ER..	1.25
5143-096-16L-065	PSC63-DEL-45065-16-UHP	103	65	45	16NR..	1.25

Features:

- Ideal for CNC lathes and millturn machines.
- The polygonal taper is based on ISO26623-1 with superior torque transmission, bending strength and repeated positional precision.

Product information:

- Inserts are optional accessories. Need to be purchased additionally.

Accessory:

Insert	Clamp	Clamp screw	Shim	Shim screw	Spring	Wrench
						
16ER../16NR..	CHD16	L85020-T15P	GX16-1	CS3507-T09P	S6912	T15P-7

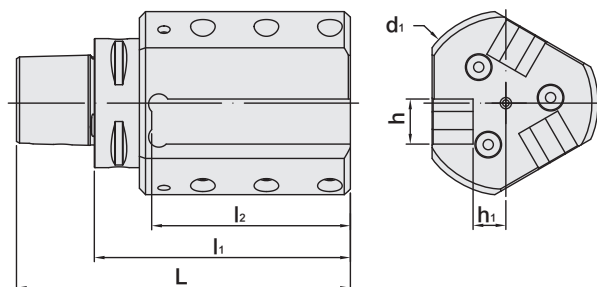


PSC / SV EXTERNAL TURNING TOOL HOLDER

PSC / SV 外徑車刀架



台灣精品 2012
TAIWAN EXCELLENCE

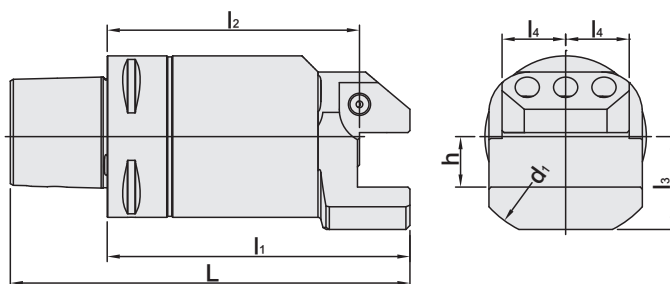


MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	h	h ₁	WEIGHT (KGS)
5142-S47-20R-123	PSC50 x SV20R - 123	153	123	97	90	20	16	3.56
5142-S47-20L-123	PSC50 x SV20L - 123	153	123	97	90	20	16	3.56
5143-S47-20R-125	PSC63 x SV20R - 125	163	125	97	90	20	16	3.58
5143-S47-20L-125	PSC63 x SV20L - 125	163	125	97	90	20	16	3.58
5144-S47-32R-150	PSC80 x SV32R - 150	198	150	114	120	32	20	7.13
5144-S47-32L-150	PSC80 x SV32L - 150	198	150	114	120	32	20	7.13

PSC / SF EXTERNAL TURNING TOOL HOLDER

PSC

PSC / SF 外徑車刀架



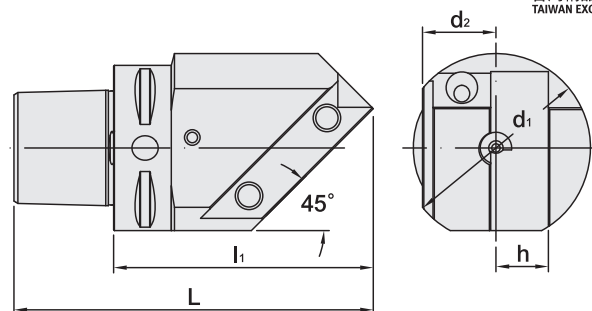
MODEL NO.	TYPE	L	l ₁	l ₂	l ₃	l ₄	h	d ₁	WEIGHT (KGS)
5140-S46-16R-047	PSC32 x SF16R - 47	66	47	40	27	25	70	16	0.63
5140-S46-16L-047	PSC32 x SF16L - 47	66	47	40	27	25	70	16	0.63
5141-S46-20R-054	PSC40 x SF20R - 54	78	54	45	32	28	80	20	0.95
5141-S46-20L-054	PSC40 x SF20L - 54	78	54	45	32	28	80	20	0.95
5141-S46-020-055	PSC40 x SF20 - 55	79	55	35	36	30	20	80	0.84
5142-S46-020-065	PSC50 x SF20 - 65	95	65	45	39	25.5	20	85	1.43
5143-S46-020-070	PSC63 x SF20 - 70	108	70	50	39	25.5	20	85	1.84
5143-S46-025-080	PSC63 x SF25 - 80	118	80	55	46	31.5	25	103	2.55
5143-S46-032-080	PSC63 x SF32 - 80	118	80	48	65	40	32	142	3.64
5144-S46-025-075	PSC80 x SF25 - 75	123	75	50	46	31.5	25	103	3.01
5144-S46-025-150	PSC80 x SF25 - 150	198	150	125	46	31.5	25	103	5.84
5144-S46-025-180	PSC80 x SF25 - 180	228	180	155	46	31.5	25	103	6.97
5144-S46-032-085	PSC80 x SF32 - 85	133	85	53	65	40	32	142	4.52
5145-S46-032-090	PSC80X x SF32 - 90	138	90	58	65	40	32	142	5.65
5146-S46-032-090	PSC100 x SF32 - 90	150	90	58	65	40	32	145	6.45

PSC / SN EXTERNAL TURNING TOOL HOLDER

PSC / SN 外徑車刀架



台灣精品 2012
TAIWAN EXCELLENCE

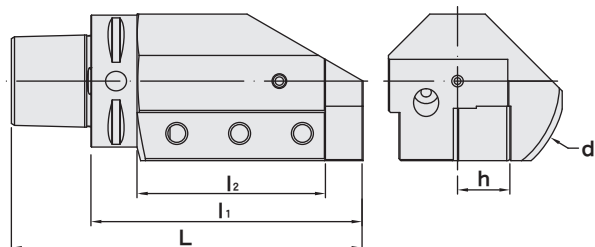


MODEL NO.	TYPE	L	l ₁	d ₁	d ₂	h	WEIGHT (KGS)
5142-766-20R-097	PSC50 x SN20R - 97	127	97	72	31.5	20	1.66
5142-766-20L-097	PSC50 x SN20L - 97	127	97	72	31.5	20	1.66
5143-766-20R-099	PSC63 x SN20R - 99	137	99	72	31.5	20	2.10
5143-766-20L-099	PSC63 x SN20L - 99	137	99	72	31.5	20	2.10
5144-766-32R-135	PSC80 x SN32R - 135	183	135	140	45	32	6.51
5144-766-32L-135	PSC80 x SN32L - 135	183	135	140	45	32	6.51

PSC / S EXTERNAL TURNING TOOL HOLDER

PSC

PSC / S 外徑車刀架



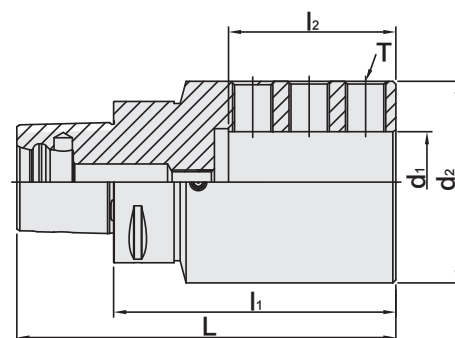
MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	h	WEIGHT (KGS)
5140-776-16R-058	PSC32 x S16R - 58	77	58	37	65	16	0.6
5140-776-16L-058	PSC32 x S16L - 58	77	58	37	65	16	0.6
5141-776-10R-090	PSC40 x S10R - 90	114	90	62	48	10	0.63
5141-776-10L-090	PSC40 x S10L - 90	114	90	62	48	10	0.63
5141-776-12R-090	PSC40 x S12R - 90	114	90	62	48	12	0.63
5141-776-12L-090	PSC40 x S12L - 90	114	90	62	48	12	0.63
5141-776-16R-104	PSC40 x S16R - 104	128	104	75	65	16	0.96
5141-776-20R-065	PSC40 x S20R - 65	89	65	40	70	20	0.85
5141-776-20L-065	PSC40 x S20L - 65	89	65	40	70	20	0.85
5141-776-20R-070	PSC40 x S20R - 70	94	70	50	80	20	0.92
5142-776-20R-098	PSC50 x S20R - 98	128	98	68	90	20	2.22
5142-776-20L-098	PSC50 x S20L - 98	128	98	68	90	20	2.11
5143-776-20R-100	PSC63 x S20R - 100	138	100	68	90	20	2.34
5143-776-20L-100	PSC63 x S20L - 100	138	100	68	90	20	2.34
5143-776-25R-130	PSC63 x S25R - 130	168	130	90	103.5	25	3.93
5143-776-25L-130	PSC63 x S25L - 130	168	130	90	103.5	25	3.93
5144-776-25R-140	PSC80 x S25R - 140	188	140	100	105	25	4.41
5144-776-25L-140	PSC80 x S25L - 140	188	140	100	105	25	4.41
5144-776-32R-140	PSC80 x S32R - 140	188	140	100	110	32	5.05
5144-776-32L-140	PSC80 x S32L - 140	188	140	100	110	32	5.05
5145-776-32R-143	PSC80X x S32R - 143	191	143	133	145	32	7.75
5145-776-32L-143	PSC80X x S32L - 143	191	143	133	145	32	7.75
5146-776-32R-150	PSC100 x S32R - 150	210	150	95	145	32	8.86
5146-776-32L-150	PSC100 x S32L - 150	210	150	95	145	32	8.86



PSC / SLT SIDE LOCK HOLDER

FOR INTERNAL TURNING BAR

PSC / SLT 側固式刀桿 [用於內徑車刀]



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	T	WEIGHT (KGS)
5140-797-006-035	PSC32 x SLT6 - 35	54	35	22	6	23	M5	0.17
5140-797-008-035	PSC32 x SLT8 - 35	54	35	22	8	25	M6	0.18
5140-797-010-035	PSC32 x SLT10 - 35	54	35	22	10	29	M6	0.2
5140-797-012-040	PSC32 x SLT12 - 40	59	40	27	12	34	M8	0.26
5141-797-008-040	PSC40 x SLT8 - 40	64	40	20	8	25	M6	0.31
5141-797-010-040	PSC40 x SLT10 - 40	64	40	20	10	29	M6	0.32
5141-797-012-045	PSC40 x SLT12 - 45	69	45	25	12	34	M8	0.39
5141-797-016-050	PSC40 x SLT16 - 50	74	50	30	16	40	M10	0.47
5142-797-025-100	PSC50 x SLT25 - 100	130	100	60	25	56	M12	1.61
5143-797-016-098	PSC63 x SLT16 - 98	136	98	60	16	48	M10	1.63
5143-797-020-098	PSC63 x SLT20 - 98	136	98	60	20	52	M10	1.75
5143-797-025-098	PSC63 x SLT25 - 98	136	98	60	25	56	M12	1.81
5143-797-032-110	PSC63 x SLT32 - 110	148	110	75	32	64	M12	2.35
5143-797-040-130	PSC63 x SLT40 - 130	168	130	83	40	90	M20	4.69
5144-797-025-098	PSC80 x SLT25 - 98	146	98	60	25	56	M12	2.71
5144-797-032-120	PSC80 x SLT32 - 120	168	120	75	32	64	M12	3.31
5144-797-040-140	PSC80 x SLT40 - 140	188	140	83	40	90	M20	6.00
5144-797-050-140	PSC80 x SLT50 - 140	188	140	83	50	100	M20	6.71

Accessories

Lock Screw

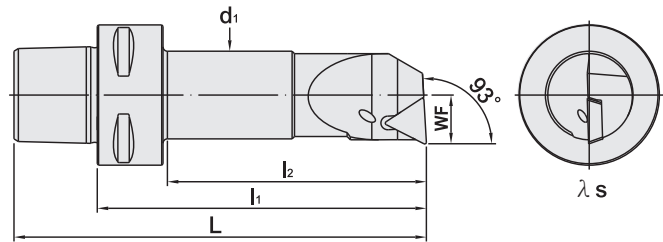


P.X-124



PSC / STUP INTERNAL BORING BAR

PSC / STUP 内徑車刀



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	WF	λ s	INSERT	WEIGHT (KGS)
5140-761-11R-065	PSC32 - STUPR - 09065 - 11	84	65	48	16	09	-4°	TP..1103	0.27
5140-761-11L-065	PSC32 - STUPL - 09065 - 11	84	65	48	16	09	-4°	TP..1103	0.27
5140-761-11R-075	PSC32 - STUPR - 11075 - 11	94	75	59	20	11	-2°	TP..1103	0.35
5140-761-11L-075	PSC32 - STUPL - 11075 - 11	94	75	59	20	11	-2°	TP..1103	0.35
5140-761-16R-090	PSC32 - STUPR - 14090 - 16	109	90	74	25	14	-3°	TP..1603	0.50
5140-761-16L-090	PSC32 - STUPL - 14090 - 16	109	90	74	25	14	-3°	TP..1603	0.50
5141-761-11R-070	PSC40 - STUPR - 09070 - 11	94	70	47	16	09	-4°	TP..1103	0.34
5141-761-11L-070	PSC40 - STUPL - 09070 - 11	94	70	47	16	09	-4°	TP..1103	0.34
5141-761-11R-080	PSC40 - STUPR - 11080 - 11	104	80	57	20	11	-2°	TP..1103	0.42
5141-761-11L-080	PSC40 - STUPL - 11080 - 11	104	80	57	20	11	-2°	TP..1103	0.42
5141-761-16R-090	PSC40 - STUPR - 14090 - 16	114	90	69	25	14	-3°	TP..1603	0.55
5141-761-16L-090	PSC40 - STUPL - 14090 - 16	114	90	69	25	14	-3°	TP..1603	0.55
5141-761-16R-110	PSC40 - STUPR - 20110 - 16	134	110	89	32	20	-2°	TP..1604	0.87
5141-761-16L-110	PSC40 - STUPL - 20110 - 16	134	110	89	32	20	-2°	TP..1604	0.87

Features:

- Ideal for CNC lathes and millturn machines.
- The polygonal taper is based on ISO26623-1 with superior torque transmission, bending strength and repeated positional precision.

Product information:

- Inserts are optional accessories. Need to be purchased additionally.

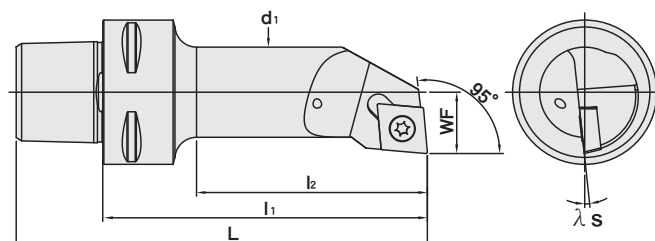
ACCESSORIES

Insert	Screw	Wrench
TP..1103	M3-8.0-4.0-46	T9
TP..1603	M4-10-5.0-43	T15
TP..1604	M4-10-5.0-43	T15



PSC / SCLC INTERNAL BORING BAR

PSC / SCLC 內徑車刀



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	WF	λ s	INSERT	WEIGHT (KGS)
5140-778-09R-065	PSC32 - SCLCR - 11065 - 09	84	65	48	16	11	-12°	CC..09T3	0.3
5140-778-09L-065	PSC32 - SCLCL - 11065 - 09	84	65	48	16	11	-12°	CC..09T3	0.3
5140-778-09R-075	PSC32 - SCLCR - 13075 - 09	94	75	59	20	13	-8°	CC..09T3	0.3
5140-778-09L-075	PSC32 - SCLCL - 13075 - 09	94	75	59	20	13	-8°	CC..09T3	0.3
5140-778-09R-090	PSC32 - SCLCR - 17090 - 09	109	90	75	25	17	-6°	CC..09T3	0.3
5140-778-09L-090	PSC32 - SCLCL - 17090 - 09	109	90	75	25	17	-6°	CC..09T3	0.3
5140-778-12R-090	PSC32 - SCLCR - 17090 - 12	109	90	75	25	17	-6°	CC..1204	0.3
5140-778-12L-090	PSC32 - SCLCL - 17090 - 12	109	90	75	25	17	-6°	CC..1204	0.3
5140-778-12R-064	PSC32 - SCLCR - 22064 - 12	83	64	50	32	22	-10°	CC..1204	0.3
5140-778-12L-064	PSC32 - SCLCL - 22064 - 12	83	64	50	32	22	-10°	CC..1204	0.3
5140-778-12R-096	PSC32 - SCLCR - 22096 - 12	115	96	82	32	22	-10°	CC..1204	0.3
5140-778-12L-096	PSC32 - SCLCL - 22096 - 12	115	96	82	32	22	-10°	CC..1204	0.3
5141-778-09R-070	PSC40 - SCLCR - 11070 - 09	94	70	47	16	11	-12°	CC..09T3	0.5
5141-778-09L-070	PSC40 - SCLCL - 11070 - 09	94	70	47	16	11	-12°	CC..09T3	0.5
5141-778-09R-080-0	PSC40 - SCLCR - 13080 - 09	104	80	58	20	13	-8°	CC..09T3	0.5
5141-778-09L-080-0	PSC40 - SCLCL - 13080 - 09	104	80	58	20	13	-8°	CC..09T3	0.5
5141-778-09R-090	PSC40 - SCLCR - 17090 - 09	114	90	69	25	17	-6°	CC..09T3	0.5
5141-778-09L-090	PSC40 - SCLCL - 17090 - 09	114	90	69	25	17	-6°	CC..09T3	0.5
5141-778-09R-080-3	PSC40 - SCLCR - 27080 - 09	104	80	60	40	27	-6°	CC..09T3	0.5
5141-778-09L-080-3	PSC40 - SCLCL - 27080 - 09	104	80	60	40	27	-6°	CC..09T3	0.5
5141-778-12R-090	PSC40 - SCLCR - 17090 - 12	114	90	69	25	17	-6°	CC..1204	0.5
5141-778-12L-090	PSC40 - SCLCL - 17090 - 12	114	90	69	25	17	-6°	CC..1204	0.5
5141-778-12R-110	PSC40 - SCLCR - 22110 - 12	134	110	89	32	22	-10°	CC..1204	0.5
5141-778-12L-110	PSC40 - SCLCL - 22110 - 12	134	110	89	32	22	-10°	CC..1204	0.5
5141-778-12R-080	PSC40 - SCLCR - 27080 - 12	104	80	60	40	27	-8°	CC..1204	0.5
5141-778-12L-080	PSC40 - SCLCL - 27080 - 12	104	80	60	40	27	-8°	CC..1204	0.5

Features:

- Ideal for CNC lathes and millturn machines.
- The polygonal taper is based on ISO26623-1 with superior torque transmission, bending strength and repeated positional precision.

Product information:

- Inserts are optional accessories. Need to be purchased additionally.

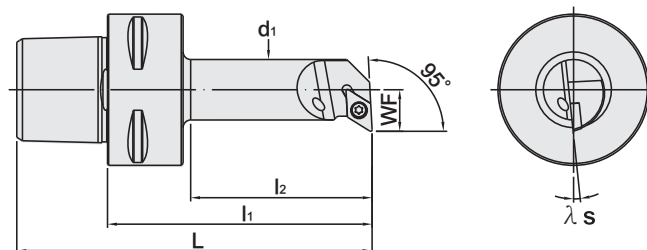
ACCESSORIES

Insert	Screw	Wrench
		
CC..09T3	M4-10-5.7-60	T15
CC..1204	M5-11-7.5-60	T20



PSC / SDUC INTERNAL BORING BAR

PSC / SDUC 內徑車刀



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	WF	λ s	INSERT	WEIGHT (KGS)
5140-765-07R-065	PSC32 - SDUCR - 11065 - 07	84	65	48	16	11	-6°	DC..0702	0.3
5140-765-07L-065	PSC32 - SDUCL - 11065 - 07	84	65	48	16	11	-6°	DC..0702	0.3
5140-765-11R-075	PSC32 - SDUCR - 13075 - 11	94	75	58	20	13	-6°	DC..11T3	0.3
5140-765-11L-075	PSC32 - SDUCL - 13075 - 11	94	75	58	20	13	-6°	DC..11T3	0.3
5140-765-11R-090	PSC32 - SDUCR - 17090 - 11	109	90	73	25	17	-6°	DC..11T3	0.3
5140-765-11L-090	PSC32 - SDUCL - 17090 - 11	109	90	73	25	17	-6°	DC..11T3	0.3
5140-765-11R-096	PSC32 - SDUCR - 22096 - 11	115	96	81	32	22	-6°	DC..11T3	0.3
5140-765-11L-096	PSC32 - SDUCL - 22096 - 11	115	96	81	32	22	-6°	DC..11T3	0.3
5141-765-07R-070	PSC40 - SDUCR - 11070 - 07	94	70	47	16	11	-6°	DC..0702	0.5
5141-765-07L-070	PSC40 - SDUCL - 11070 - 07	94	70	47	16	11	-6°	DC..0702	0.5
5141-765-11R-080-0	PSC40 - SDUCR - 13080 - 11	104	80	57	20	13	-6°	DC..11T3	0.5
5141-765-11L-080-0	PSC40 - SDUCL - 13080 - 11	104	80	57	20	13	-6°	DC..11T3	0.5
5141-765-11R-090	PSC40 - SDUCR - 17090 - 11	114	90	68	25	17	-6°	DC..11T3	0.5
5141-765-11L-090	PSC40 - SDUCL - 17090 - 11	114	90	68	25	17	-6°	DC..11T3	0.5
5141-765-11R-110	PSC40 - SDUCR - 22110 - 11	134	110	89	32	22	-6°	DC..11T3	0.5
5141-765-11L-110	PSC40 - SDUCL - 22110 - 11	134	110	89	32	22	-6°	DC..11T3	0.5
5141-765-11R-080-3	PSC40 - SDUCR - 27080 - 11	104	80	60	40	27	-6°	DC..11T3	0.5
5141-765-11L-080-3	PSC40 - SDUCL - 27080 - 11	104	80	60	40	27	-6°	DC..11T3	0.5

Features:

- Ideal for CNC lathes and millturn machines.
- The polygonal taper is based on ISO26623-1 with superior torque transmission, bending strength and repeated positional precision.

Product information:

- Inserts are optional accessories. Need to be purchased additionally.

ACCESSORIES

Insert	Screw	Wrench
		
DC..0702	M2.5-6.0-3.5-60	T8
DC..11T3	M4-10-5.7-60	T15

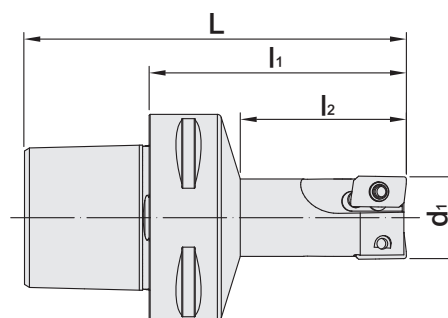


PSC / IAP INDEXABLE END MILL CUTTER

PSC / IAP 直角高速銼刀



台灣精品 2012
TAIWAN EXCELLENCE



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	TEETH	INSERT	WEIGHT (KGS)
5140-244-016-050	PSC32 x IAP16 - 50 - 2T	69	50	25	16	2	AP..1003	0.20
5140-244-020-050	PSC32 x IAP20 - 50 - 2T	69	50	25	20	2	AP..1003	0.20
5140-245-020-050	PSC32 x IAP20 - 50 - 3T	69	50	25	20	3	AP..1003	0.30
5140-244-025-050	PSC32 x IAP25 - 50 - 2T	69	50	32	25	2	AP..1003	0.20
5140-245-025-050	PSC32 x IAP25 - 50 - 3T	69	50	32	25	3	AP..1003	0.30
5140-245-032-050	PSC32 x IAP32 - 50 - 3T	69	50	35	32	3	AP..1003	0.20
5141-244-016-050	PSC40 x IAP16 - 50 - 2T	74	50	25	16	2	AP..1003	0.50
5141-244-020-050	PSC40 x IAP20 - 50 - 2T	74	50	25	20	2	AP..1003	0.50
5141-244-025-055	PSC40 x IAP25 - 55 - 2T	79	55	32	25	2	AP..1003	0.50
5141-245-025-055	PSC40 x IAP25 - 55 - 3T	79	55	32	25	3	AP..1003	0.50
5141-245-032-065	PSC40 x IAP32 - 65 - 3T	89	65	40	32	3	AP..1003	0.60
5142-245-020-095	PSC50 x IAP20 - 95 - 3T	125	95	40	20	3	AP..1003	1.00
5142-245-025-095	PSC50 x IAP25 - 95 - 3T	125	95	45	25	3	AP..1003	1.10
5142-245-032-065	PSC50 x IAP32 - 65 - 3T	95	65	40	32	3	AP..1003	1.50
5142-245-040-080	PSC50 x IAP40 - 80 - 3T	110	80	40	40	3	AP..1604	1.10
5142-247-050-060	PSC50 x IAP50 - 60 - 5T	90	60	60	50	5	AP..1604	1.00
5142-247-063-060	PSC50 x IAP63 - 60 - 5T	90	60	60	63	5	AP..1604	1.40
5143-245-020-110	PSC63 x IAP20 - 110 - 3T	148	110	40	20	3	AP..1003	1.60
5143-244-020-165	PSC63 x IAP20 - 165 - 2T	203	165	60	20	2	AP..1003	1.60
5143-245-025-110	PSC63 x IAP25 - 110 - 3T	148	110	45	25	3	AP..1003	1.60
5143-245-032-080	PSC63 x IAP32 - 80 - 3T	118	80	40	32	3	AP..1003	1.50
5143-245-032-110	PSC63 x IAP32 - 110 - 3T	148	110	50	32	3	AP..1003	1.70
5143-246-040-080	PSC63 x IAP40 - 80 - 4T	118	80	40	40	4	AP..1003	1.60
5143-247-040-080	PSC63 x IAP40 - 80 - 5T	118	80	40	40	5	AP..1003	1.60
5143-245-040-100	PSC63 x IAP40 - 100 - 3T	138	100	50	40	3	AP..1604	1.80
5143-246-050-080	PSC63 x IAP50 - 80 - 4T	118	80	40	50	4	AP..1604	1.80
5143-247-063-060	PSC63 x IAP63 - 60 - 5T	98	60	38	63	5	AP..1604	2.20
5143-247-066-060	PSC63 x IAP66 - 60 - 5T	98	60	60	66	5	AP..1604	1.90
5143-247-066-080	PSC63 x IAP66 - 80 - 5T	118	80	80	66	5	AP..1604	2.30
5143-248-080-060	PSC63 x IAP80 - 60 - 6T	98	60	60	80	6	AP..1604	2.20

Product information:

- ▶ One-piece design improves rigidity.
- ▶ Stable insert seat and excellent metal chips removal capacity.
- ▶ Inserts are optional accessories. Needs to be purchased additionally.

ACCESSORIES

Insert	Screw	Wrench
		
AP..1003 AP..1604	M2.5-6.45-3.7-60 M4-10-5.7-60	T8 T15

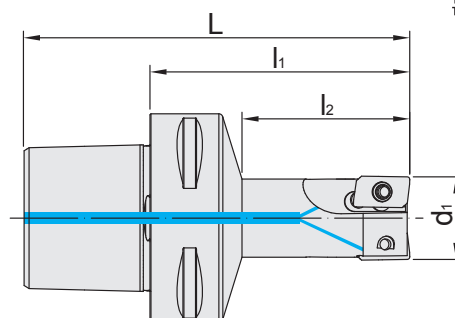


PSC / CIAP INDEXABLE END MILL CUTTER

PSC / CIAP 直角高速銑刀



台灣精品 2012
TAIWAN EXCELLENCE



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	TEETH	INSERT	WEIGHT (KGS)
5140-052-016-050	PSC32 x CIAP16 - 50 - 2T	69	50	25	16	2	AP..1003	0.20
5140-052-020-050	PSC32 x CIAP20 - 50 - 2T	69	50	25	20	2	AP..1003	0.20
5140-053-020-050	PSC32 x CIAP20 - 50 - 3T	69	50	25	20	3	AP..1003	0.30
5140-052-025-050	PSC32 x CIAP25 - 50 - 2T	69	50	32	25	2	AP..1003	0.20
5140-053-025-050	PSC32 x CIAP25 - 50 - 3T	69	50	32	25	3	AP..1003	0.30
5140-053-032-050	PSC32 x CIAP32 - 50 - 3T	69	50	35	32	3	AP..1003	0.20
5141-052-016-050	PSC40 x CIAP16 - 50 - 2T	74	50	25	16	2	AP..1003	0.50
5141-052-020-050	PSC40 x CIAP20 - 50 - 2T	74	50	25	20	2	AP..1003	0.50
5141-052-025-055	PSC40 x CIAP25 - 55 - 2T	79	55	32	25	2	AP..1003	0.50
5141-053-025-055	PSC40 x CIAP25 - 55 - 3T	79	55	32	25	3	AP..1003	0.50
5141-053-032-065	PSC40 x CIAP32 - 65 - 3T	89	65	40	32	3	AP..1003	0.60
5142-053-020-095	PSC50 x CIAP20 - 95 - 3T	125	95	40	20	3	AP..1003	1.00
5142-053-025-095	PSC50 x CIAP25 - 95 - 3T	125	95	45	25	3	AP..1003	1.10
5142-053-032-065	PSC50 x CIAP32 - 65 - 3T	95	65	40	32	3	AP..1003	1.50
5142-053-040-080	PSC50 x CIAP40 - 80 - 3T	110	80	40	40	3	AP..1604	1.10
5142-055-050-060	PSC50 x CIAP50 - 60 - 5T	90	60	60	50	5	AP..1604	1.00
5142-055-063-060	PSC50 x CIAP63 - 60 - 5T	90	60	60	63	5	AP..1604	1.40
5143-053-020-110	PSC63 x CIAP20 - 110 - 3T	148	110	40	20	3	AP..1003	1.60
5143-052-020-165	PSC63 x CIAP20 - 165 - 2T	203	165	60	20	2	AP..1003	1.60
5143-053-025-110	PSC63 x CIAP25 - 110 - 3T	148	110	45	25	3	AP..1003	1.60
5143-053-032-080	PSC63 x CIAP32 - 80 - 3T	118	80	40	32	3	AP..1003	1.50
5143-053-032-110	PSC63 x CIAP32 - 110 - 3T	148	110	50	32	3	AP..1003	1.70
5143-054-040-080	PSC63 x CIAP40 - 80 - 4T	118	80	40	40	4	AP..1003	1.60
5143-055-040-080	PSC63 x CIAP40 - 80 - 5T	118	80	40	40	5	AP..1003	1.60
5143-053-040-100	PSC63 x CIAP40 - 100 - 3T	138	100	50	40	3	AP..1604	1.80
5143-054-050-080	PSC63 x CIAP50 - 80 - 4T	118	80	40	50	4	AP..1604	1.80
5143-055-063-060	PSC63 x CIAP63 - 60 - 5T	98	60	38	63	5	AP..1604	2.20
5143-055-066-060	PSC63 x CIAP66 - 60 - 5T	98	60	60	66	5	AP..1604	1.90
5143-055-066-080	PSC63 x CIAP66 - 80 - 5T	118	80	80	66	5	AP..1604	2.30
5143-056-080-060	PSC63 x CIAP80 - 60 - 6T	98	60	60	80	6	AP..1604	2.20

Product information:

- ▶ One-piece design improves rigidity.
- ▶ Stable insert seat and excellent metal chips removal capacity.
- ▶ Inserts are optional accessories. Needs to be purchased additionally.

ACCESSORIES

Insert	Screw	Wrench
		
AP..1003	M2.5-6.45-3.7-60	T8
AP..1604	M4-10-5.7-60	T15

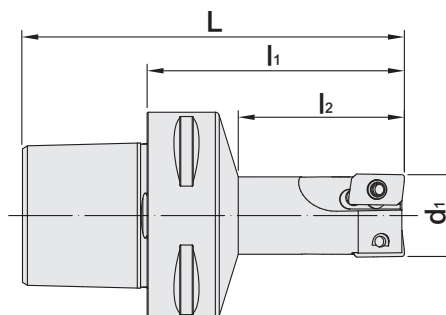


PSC / MAP INDEXABLE END MILL CUTTER

PSC / MAP 直角高速銑刀



台灣精品 2012
TAIWAN EXCELLENCE



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	TEETH	INSERT	WEIGHT (KGS)
5140-468-016-050	PSC32 x MAP16 - 50 - 2T	69	50	25	16	2	AP..1135	0.20
5140-468-020-050	PSC32 x MAP20 - 50 - 2T	69	50	25	20	2	AP..1135	0.20
5140-469-020-050	PSC32 x MAP20 - 50 - 3T	69	50	25	20	3	AP..1135	0.30
5140-468-025-050	PSC32 x MAP25 - 50 - 2T	69	50	32	25	2	AP..1604	0.20
5140-469-025-050	PSC32 x MAP25 - 50 - 3T	69	50	32	25	3	AP..1135	0.30
5140-468-032-050	PSC32 x MAP32 - 50 - 2T	69	50	35	32	2	AP..1604	0.20
5141-468-016-050	PSC40 x MAP16 - 50 - 2T	74	50	25	16	2	AP..1135	0.50
5141-468-020-050	PSC40 x MAP20 - 50 - 2T	74	50	25	20	2	AP..1135	0.50
5141-468-025-055	PSC40 x MAP25 - 55 - 2T	79	55	32	25	2	AP..1604	0.50
5141-469-025-055	PSC40 x MAP25 - 55 - 3T	79	55	32	25	3	AP..1135	0.50
5141-468-032-065	PSC40 x MAP32 - 65 - 2T	89	65	40	32	2	AP..1604	0.60
5142-469-020-095	PSC50 x MAP20 - 95 - 3T	125	95	40	20	3	AP..1135	1.00
5142-469-025-095	PSC50 x MAP25 - 95 - 3T	125	95	45	25	3	AP..1135	1.10
5142-468-032-065	PSC50 x MAP32 - 65 - 2T	95	65	40	32	2	AP..1604	1.50
5142-472-050-060	PSC50 x MAP50 - 60 - 5T	90	60	60	50	5	AP..1604	1.00
5142-472-063-060	PSC50 x MAP63 - 60 - 5T	90	60	60	63	5	AP..1604	1.40
5143-469-020-110	PSC63 x MAP20 - 110 - 3T	148	110	40	20	3	AP..1135	1.60
5143-468-020-165	PSC63 x MAP20 - 165 - 2T	203	165	60	20	2	AP..1135	1.60
5143-469-025-110	PSC63 x MAP25 - 110 - 3T	148	110	45	25	3	AP..1135	1.60
5143-469-032-080	PSC63 x MAP32 - 80 - 3T	118	80	40	32	3	AP..1135	1.50
5143-469-032-110	PSC63 x MAP32 - 110 - 3T	148	110	50	32	3	AP..1135	1.70
5143-471-040-080	PSC63 x MAP40 - 80 - 4T	118	80	40	40	4	AP..1135	1.60
5143-472-040-080	PSC63 x MAP40 - 80 - 5T	118	80	40	40	5	AP..1135	1.60
5143-469-040-100	PSC63 x MAP40 - 100 - 3T	138	100	50	40	3	AP..1604	1.80
5143-471-050-080	PSC63 x MAP50 - 80 - 4T	118	80	40	50	4	AP..1604	1.80
5143-472-063-060	PSC63 x MAP63 - 60 - 5T	98	60	38	63	5	AP..1604	2.20
5143-472-066-060	PSC63 x MAP66 - 60 - 5T	98	60	60	66	5	AP..1604	1.90
5143-472-066-080	PSC63 x MAP66 - 80 - 5T	118	80	80	66	5	AP..1604	2.30
5143-493-080-060	PSC63 x MAP80 - 60 - 6T	98	60	60	80	6	AP..1604	2.20

Product information:

- ▶ One-piece design improves rigidity.
- ▶ Stable insert seat and excellent metal chips removal capacity.
- ▶ Inserts are optional accessories. Needs to be purchased additionally.

ACCESSORIES

Insert	Screw	Wrench
		
AP..1135 AP..1604	M2.5-6.0-3.5-60 M4-10-5.7-60	T8 T15

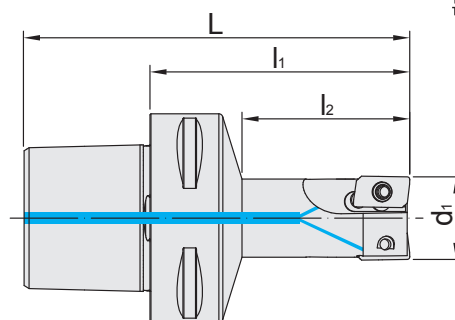


PSC / CMAP INDEXABLE END MILL CUTTER

PSC / CMAP 直角高速銑刀



台灣精品 2012
TAIWAN EXCELLENCE



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	TEETH	INSERT	WEIGHT (KGS)
5140-042-016-050	PSC32 x CMAP16 - 50 - 2T	69	50	25	16	2	AP.1135	0.20
5140-042-020-050	PSC32 x CMAP20 - 50 - 2T	69	50	25	20	2	AP.1135	0.20
5140-043-020-050	PSC32 x CMAP20 - 50 - 3T	69	50	25	20	3	AP.1135	0.30
5140-042-025-050	PSC32 x CMAP25 - 50 - 2T	69	50	32	25	2	AP.1604	0.20
5140-043-025-050	PSC32 x CMAP25 - 50 - 3T	69	50	32	25	3	AP.1135	0.30
5140-042-032-050	PSC32 x CMAP32 - 50 - 2T	69	50	35	32	2	AP.1604	0.20
5141-042-016-050	PSC40 x CMAP16 - 50 - 2T	74	50	25	16	2	AP.1135	0.50
5141-042-020-050	PSC40 x CMAP20 - 50 - 2T	74	50	25	20	2	AP.1135	0.50
5141-042-025-055	PSC40 x CMAP25 - 55 - 2T	79	55	32	25	2	AP.1604	0.50
5141-043-025-055	PSC40 x CMAP25 - 55 - 3T	79	55	32	25	3	AP.1135	0.50
5141-042-032-065	PSC40 x CMAP32 - 65 - 2T	89	65	40	32	2	AP.1604	0.60
5142-043-020-095	PSC50 x CMAP20 - 95 - 3T	125	95	40	20	3	AP.1135	1.00
5142-043-025-095	PSC50 x CMAP25 - 95 - 3T	125	95	45	25	3	AP.1135	1.10
5142-042-032-065	PSC50 x CMAP32 - 65 - 2T	95	65	40	32	2	AP.1604	1.50
5142-045-050-060	PSC50 x CMAP50 - 60 - 5T	90	60	60	50	5	AP.1604	1.00
5142-045-063-060	PSC50 x CMAP63 - 60 - 5T	90	60	60	63	5	AP.1604	1.40
5143-043-020-110	PSC63 x CMAP20 - 110 - 3T	148	110	40	20	3	AP.1135	1.60
5143-042-020-165	PSC63 x CMAP20 - 165 - 2T	203	165	60	20	2	AP.1135	1.60
5143-043-025-110	PSC63 x CMAP25 - 110 - 3T	148	110	45	25	3	AP.1135	1.60
5143-043-032-080	PSC63 x CMAP32 - 80 - 3T	118	80	40	32	3	AP.1135	1.50
5143-043-032-110	PSC63 x CMAP32 - 110 - 3T	148	110	50	32	3	AP.1135	1.70
5143-044-040-080	PSC63 x CMAP40 - 80 - 4T	118	80	40	40	4	AP.1135	1.60
5143-045-040-080	PSC63 x CMAP40 - 80 - 5T	118	80	40	40	5	AP.1135	1.60
5143-043-040-100	PSC63 x CMAP40 - 100 - 3T	138	100	50	40	3	AP.1604	1.80
5143-044-050-080	PSC63 x CMAP50 - 80 - 4T	118	80	40	50	4	AP.1604	1.80
5143-045-063-060	PSC63 x CMAP63 - 60 - 5T	98	60	38	63	5	AP.1604	2.20
5143-045-066-060	PSC63 x CMAP66 - 60 - 5T	98	60	60	66	5	AP.1604	1.90
5143-045-066-080	PSC63 x CMAP66 - 80 - 5T	118	80	80	66	5	AP.1604	2.30
5143-046-080-060	PSC63 x CMAP80 - 60 - 6T	98	60	60	80	6	AP.1604	2.20

Product information:

- ▶ One-piece design improves rigidity.
- ▶ Stable insert seat and excellent metal chips removal capacity.
- ▶ Inserts are optional accessories. Needs to be purchased additionally.

ACCESSORIES

Insert	Screw	Wrench
		
AP.1135 AP.1604	M2.5-6.0-3.5-60 M4-10-5.7-60	T8 T15

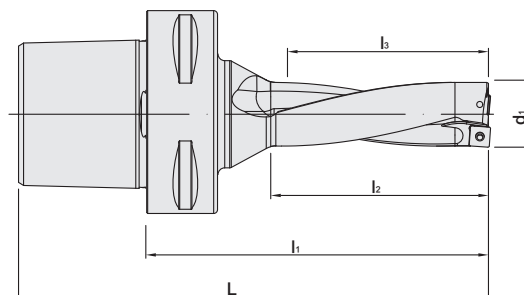
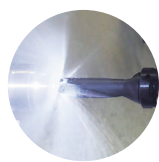


PSC / SPD HIGH SPEED DRILL

ONE-PIECE TYPE

3D

PSC / SPD 一體式快速鑽頭



MODEL NO.	TYPE	L	l ₁	l ₂	l ₃	d ₁	INSERT	WEIGHT (KGS)
5141-685-015-045	PSC40 x SPD15 - 3D - 45	94	70	50	45	15	SP..0502	0.30
5141-685-016-048	PSC40 x SPD16 - 3D - 48	98	74	53	48	16	SP..0602	0.40
5141-685-017-051	PSC40 x SPD17 - 3D - 51	101	77	56	51	17	SP..0602	0.42
5141-685-018-054	PSC40 x SPD18 - 3D - 54	105	81	59	54	18	SP..0602	0.44
5141-685-019-057	PSC40 x SPD19 - 3D - 57	108	84	62	57	19	SP..0602	0.45
5141-685-020-060	PSC40 x SPD20 - 3D - 60	113	89	65	60	20	SP..0602	0.47
5141-685-021-063	PSC40 x SPD21 - 3D - 63	116	92	68	63	21	SP..0602	0.48
5141-685-022-066	PSC40 x SPD22 - 3D - 66	119	95	71	66	22	SP..07T3	0.49
5141-685-023-069	PSC40 x SPD23 - 3D - 69	123	99	74	69	23	SP..07T3	0.66
5141-685-024-072	PSC40 x SPD24 - 3D - 72	127	103	77	72	24	SP..07T3	0.67
5141-685-025-075	PSC40 x SPD25 - 3D - 75	131	107	80	75	25	SP..07T3	0.72
5141-685-026-078	PSC40 x SPD26 - 3D - 78	134	110	83	78	26	SP..07T3	0.73
5141-685-027-081	PSC40 x SPD27 - 3D - 81	137	113	86	81	27	SP..07T3	0.75
5141-685-028-084	PSC40 x SPD28 - 3D - 84	141	117	89	84	28	SP..0904	0.78
5141-685-029-087	PSC40 x SPD29 - 3D - 87	144	120	92	87	29	SP..0904	0.81
5141-685-030-090	PSC40 x SPD30 - 3D - 90	147	123	95	90	30	SP..0904	0.83

INCHES

MODEL NO.	TYPE	L	l ₁	l ₂	l ₃	d ₁	INSERT	WEIGHT (KGS)
5141-685-016-047	PSC40 x SPD15.5 - 3D - 47	108	84	52	47	15.5	SP..0602	0.28
5141-685-017-050	PSC40 x SPD16.5 - 3D - 50	112	88	55	50	16.5	SP..0602	0.31
5141-685-018-053	PSC40 x SPD17.5 - 3D - 53	116	92	58	53	17.5	SP..0602	0.42
5141-685-019-056	PSC40 x SPD18.5 - 3D - 56	119	95	61	56	18.5	SP..0602	0.43
5141-685-A52-244	PSC40 x SPD20.62 - 3D - 62	127	103	67	62	20.62	SP..0602	0.43
5141-685-A56-264	PSC40 x SPD22.23 - 3D - 67	132	108	72	67	22.23	SP..07T3	0.45
5141-685-A64-303	PSC40 x SPD25.4 - 3D - 77	145	121	82	77	25.4	SP..07T3	0.48
5141-685-A68-339	PSC40 x SPD28.59 - 3D - 86	155	131	91	86	28.59	SP..0904	0.50

Features:

- ▶ Drilling depth is three times longer than the diameter of the High Speed Drill.
- ▶ The material is anti-vibration tool steel.
- ▶ The whole body is treated with fine grinding after hardening in order to raise the rigidity and stability and prevent from deformation.

Product information:

- ▶ Inserts are optional accessories. Needs to be purchased additionally.

ACCESSORIES

Insert	Screw	Wrench
		
SP..0502	M2-4.3-2.7-60	T6
SP..0602	M2.2-5.2-3.1-60	T7
SP..07T3	M2.5-6.33-3.5-48	T8
SP..0904	M3.5-8.4-5.0-60	T10



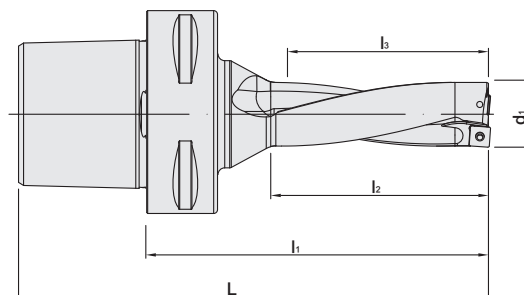
PSC / SPD HIGH SPEED DRILL

ONE-PIECE TYPE

PSC

4D

PSC / SPD 一體式快速鑽頭



MODEL NO.	TYPE	L	l ₁	l ₂	l ₃	d ₁	INSERT	WEIGHT (KGS)
5141-685-017-068	PSC40 x SPD17 - 4D - 68	130	106	73	68	17	SP..0602	0.45
5141-685-018-072	PSC40 x SPD18 - 4D - 72	135	111	77	72	18	SP..0602	0.47
5141-685-019-076	PSC40 x SPD19 - 4D - 76	139	115	81	76	19	SP..0602	0.48
5141-685-020-080	PSC40 x SPD20 - 4D - 80	145	121	85	80	20	SP..0602	0.50
5141-685-021-084	PSC40 x SPD21 - 4D - 84	149	125	89	84	21	SP..0602	0.51
5141-685-022-088	PSC40 x SPD22 - 4D - 88	153	129	93	88	22	SP..07T3	0.74
5141-685-023-092	PSC40 x SPD23 - 4D - 92	158	134	97	92	23	SP..07T3	0.56
5141-685-024-096	PSC40 x SPD24 - 4D - 96	163	139	101	96	24	SP..07T3	0.58
5141-685-025-100	PSC40 x SPD25 - 4D - 100	168	144	105	100	25	SP..07T3	0.61
5141-685-026-104	PSC40 x SPD26 - 4D - 104	172	148	109	104	26	SP..07T3	0.65
5141-685-027-108	PSC40 x SPD27 - 4D - 108	176	152	113	108	27	SP..07T3	0.69
5141-685-028-112	PSC40 x SPD28 - 4D - 112	181	157	117	112	28	SP..0904	0.73
5141-685-029-116	PSC40 x SPD29 - 4D - 116	185	161	121	116	29	SP..0904	0.75
5141-685-030-120	PSC40 x SPD30 - 4D - 120	189	165	125	120	30	SP..0904	0.81

INCHES

MODEL NO.	TYPE	L	l ₁	l ₂	l ₃	d ₁	INSERT	WEIGHT (KGS)
5141-685-018-070	PSC40 x SPD17.5 - 4D - 70	133	109	75	70	17.5	SP..0602	0.47
5141-685-019-074	PSC40 x SPD18.5 - 4D - 74	137	113	79	74	18.5	SP..0602	0.49
5141-685-A52-327	PSC40 x SPD20.62 - 4D - 83	148	124	88	83	20.62	SP..0602	0.52
5141-685-A56-350	PSC40 x SPD22.23 - 4D - 89	154	130	94	89	22.23	SP..07T3	0.76
5141-685-A64-402	PSC40 x SPD25.4 - 4D - 102	170	146	107	102	25.4	SP..07T3	0.63
5141-685-A68-435	PSC40 x SPD28.59 - 4D - 115	184	160	120	115	28.59	SP..0904	0.75

Features:

- ▶ Drilling depth is four times longer than the diameter of the High Speed Drill.
- ▶ The material is anti-vibration tool steel.
- ▶ The whole body is treated with fine grinding after hardening in order to raise the rigidity and stability and prevent from deformation.

Product information:

- ▶ Inserts are optional accessories. Needs to be purchased additionally.

ACCESSORIES

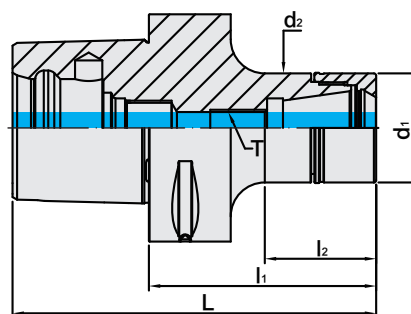
Insert	Screw	Wrench
SP..0502	M2-4.3-2.7-60	T6
SP..0602	M2.2-5.2-3.1-60	T7
SP..07T3	M2.5-6.33-3.5-48	T8
SP..0904	M3.5-8.4-5.0-60	T10



PSC / PRO-E EXCELLENT COLLET CHUCK



PSC / PRO-E 精萃型筒夾式刀桿



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	T	SIZE RANGE	WEIGHT (KGS)
5141-529-016-070	PSC40 x PRO-E16 - 70	94	70	47	30	30	M10 x 1.5P	1 ~ 10	0.47
5141-529-016-100	PSC40 x PRO-E16 - 100	124	100	77	30	30	M10 x 1.5P	1 ~ 10	0.60
5141-529-020-070	PSC40 x PRO-E20 - 70	94	70	47.5	35	35	M12 x 1.75P	1 ~ 13	0.54
5141-529-020-100	PSC40 x PRO-E20 - 100	124	100	77.5	35	35	M12 x 1.75P	1 ~ 13	0.73
5141-529-025-070	PSC40 x PRO-E25 - 70	94	70	50	42	42	M16 x 2.0P	1 ~ 16	0.64
5141-529-025-100	PSC40 x PRO-E25 - 100	124	100	80	42	42	M16 x 2.0P	1 ~ 16	0.93
5141-529-032-070	PSC40 x PRO-E32 - 70	94	70	45	50	50	M16 x 2.0P	2 ~ 20	0.73
5141-529-032-100	PSC40 x PRO-E32 - 100	124	100	75	50	50	M16 x 2.0P	2 ~ 20	1.12
5141-529-032-125	PSC40 x PRO-E32 - 125	149	125	100	50	50	M16 x 2.0P	2 ~ 20	1.48
5141-529-032-150	PSC40 x PRO-E32 - 150	174	150	125	50	50	M16 x 2.0P	2 ~ 20	1.83
5142-529-016-070	PSC50 x PRO-E16 - 70	100	70	45	30	30	-	1 ~ 10	0.63
5142-529-016-100	PSC50 x PRO-E16 - 100	130	100	75	30	30	M10 x 1.5P	1 ~ 10	0.78
5142-529-016-125	PSC50 x PRO-E16 - 125	155	125	100	30	30	M10 x 1.5P	1 ~ 10	0.88
5142-529-016-150	PSC50 x PRO-E16 - 150	180	150	125	30	30	M10 x 1.5P	1 ~ 10	0.99
5142-529-020-070	PSC50 x PRO-E20 - 70	100	70	47	35	35	-	1 ~ 13	0.70
5142-529-020-100	PSC50 x PRO-E20 - 100	130	100	77	35	35	M12 x 1.75P	1 ~ 13	0.90
5142-529-020-125	PSC50 x PRO-E20 - 125	155	125	102	35	35	M12 x 1.75P	1 ~ 13	1.05
5142-529-020-150	PSC50 x PRO-E20 - 150	180	150	127	35	35	M12 x 1.75P	1 ~ 13	1.21
5142-529-025-070	PSC50 x PRO-E25 - 70	100	70	49	42	42	-	1 ~ 16	0.80
5142-529-025-100	PSC50 x PRO-E25 - 100	130	100	79	42	42	M16 x 2.0P	1 ~ 16	1.09
5142-529-025-125	PSC50 x PRO-E25 - 125	155	125	104	42	42	M16 x 2.0P	1 ~ 16	1.32
5142-529-025-150	PSC50 x PRO-E25 - 150	180	150	129	42	42	M16 x 2.0P	1 ~ 16	1.56
5142-529-032-070	PSC50 x PRO-E32 - 70	100	70	46	50	50	-	2 ~ 20	0.90
5142-529-032-100	PSC50 x PRO-E32 - 100	130	100	76	50	50	M16 x 2.0P	2 ~ 20	1.32
5142-529-032-125	PSC50 x PRO-E32 - 125	155	125	101	50	50	M16 x 2.0P	2 ~ 20	1.66
5142-529-032-150	PSC50 x PRO-E32 - 150	180	150	126	50	50	M16 x 2.0P	2 ~ 20	2.00

Features:

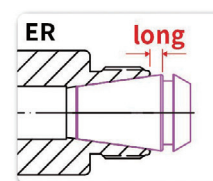
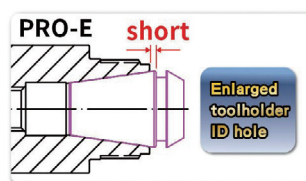
- ▶ Superior interchangeability with ER collets.
- ▶ The design of enlarged holder ID hole optimizes the coverage of ER collet, shortens the tool overhanging length, and improves runout accuracy and machining stability.
- ▶ The design of straight parts above and below the thread makes PRO-E tool holders have better contact with clamping nuts to achieve higher runout accuracy.
- ▶ PRO-E nuts without slots reduce the wind shear at high speed.

Product information:

- ▶ Higher balancing grade and revolution can be done upon request but additional charge is needed.

Standard Accessory: • NUT

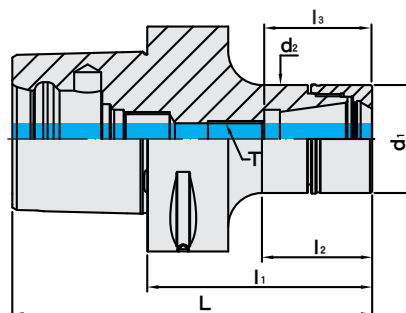
Collet	Nut	Coolant Supply Unit	Key	Spanner	Preset Screw
P.X-19~45	P.X-61	P.X-78	P.X-78	PX-81,83~84,91	P.X-121



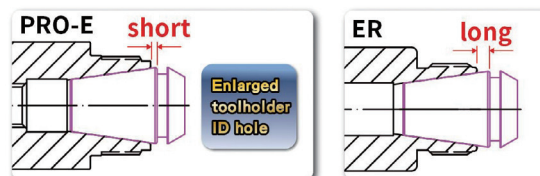
PSC / PRO-E EXCELLENT COLLET CHUCK



PSC / PRO-E 精萃型筒夾式刀桿



MODEL NO.	TYPE	L	l ₁	l ₂	l ₃	d ₁	d ₂	T	SIZE RANGE	WEIGHT (KGS)
5143-529-016-070	PSC63 x PRO-E16 - 70	108	70	43	48	30	30	-	1 ~ 10	0.94
5143-529-016-100	PSC63 x PRO-E16 - 100	138	100	73	48	30	30	M10 x 1.5P	1 ~ 10	1.09
5143-529-016-125	PSC63 x PRO-E16 - 125	163	125	98	48	30	30	M10 x 1.5P	1 ~ 10	1.18
5143-529-016-150	PSC63 x PRO-E16 - 150	188	150	123	48	30	30	M10 x 1.5P	1 ~ 10	1.26
5143-529-016-200	PSC63 x PRO-E16 - 200	238	200	168	48	30	30	M10 x 1.5P	1 ~ 10	1.44
5143-529-020-070	PSC63 x PRO-E20 - 70	108	70	43	44	35	35	-	1 ~ 13	1.00
5143-529-020-100	PSC63 x PRO-E20 - 100	138	100	70	44	35	35	M12 x 1.75P	1 ~ 13	1.21
5143-529-020-125	PSC63 x PRO-E20 - 125	163	125	95	44	35	35	M12 x 1.75P	1 ~ 13	1.35
5143-529-020-150	PSC63 x PRO-E20 - 150	188	150	120	44	35	35	M12 x 1.75P	1 ~ 13	1.49
5143-529-020-200	PSC63 x PRO-E20 - 200	238	200	170	44	35	35	M12 x 1.75P	1 ~ 13	1.76
5143-529-025-070	PSC63 x PRO-E25 - 70	108	70	45	47	42	42	-	1 ~ 16	1.11
5143-529-025-100	PSC63 x PRO-E25 - 100	138	100	75	47	42	42	M16 x 2.0P	1 ~ 16	1.39
5143-529-025-125	PSC63 x PRO-E25 - 125	163	125	100	47	42	42	M16 x 2.0P	1 ~ 16	1.60
5143-529-025-150	PSC63 x PRO-E25 - 150	188	150	125	47	42	42	M16 x 2.0P	1 ~ 16	1.82
5143-529-025-200	PSC63 x PRO-E25 - 200	238	200	175	47	42	42	M16 x 2.0P	1 ~ 16	2.26
5143-529-032-070	PSC63 x PRO-E32 - 70	108	70	45	61	50	50	-	2 ~ 20	1.21
5143-529-032-100	PSC63 x PRO-E32 - 100	138	100	75	61	50	50	M16 x 2.0P	2 ~ 20	1.61
5143-529-032-125	PSC63 x PRO-E32 - 125	163	125	100	61	50	50	M16 x 2.0P	2 ~ 20	1.94
5143-529-032-150	PSC63 x PRO-E32 - 150	188	150	125	61	50	50	M16 x 2.0P	2 ~ 20	2.27
5143-529-032-200	PSC63 x PRO-E32 - 200	238	200	175	61	50	50	M16 x 2.0P	2 ~ 20	2.93
5143-529-040-070	PSC63 x PRO-E40 - 70	108	70	48	61	63	63	-	3 ~ 26	1.42
5143-529-040-100	PSC63 x PRO-E40 - 100	138	100	78	72	63	63	-	3 ~ 26	2.02
5143-529-040-125	PSC63 x PRO-E40 - 125	163	125	103	72	63	63	M20 x 2.0P	3 ~ 26	2.57
5143-529-040-150	PSC63 x PRO-E40 - 150	188	150	128	72	63	63	M20 x 2.0P	3 ~ 26	3.13
5143-529-040-200	PSC63 x PRO-E40 - 200	238	200	178	82	63	63	M20 x 2.0P	3 ~ 26	4.22



Features:

- ▶ Superior interchangeability with ER collets.
- ▶ The design of enlarged holder ID hole optimizes the coverage of ER collet, shortens the tool overhanging length, and improves runout accuracy and machining stability.
- ▶ The design of straight parts above and below the thread makes PRO-E tool holders have better contact with clamping nuts to achieve higher runout accuracy.
- ▶ PRO-E nuts without slots reduce the wind shear at high speed.

Product information:

- ▶ Higher balancing grade and revolution can be done upon request but additional charge is needed.

Standard Accessory: • NUT

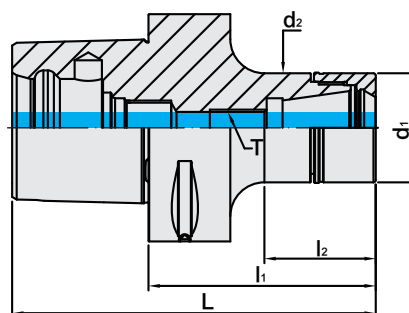
Collet	Nut	Coolant Supply Unit	Key	Spanner	Preset Screw
P.X-19~45	P.X-61	P.X-78	P.X-78	P.X-81,83~84,91	P.X-121



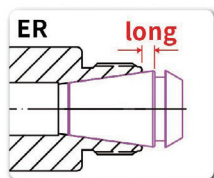
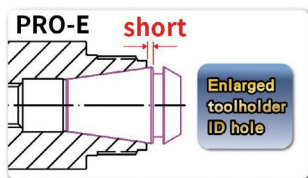
PSC / PRO-E EXCELLENT COLLET CHUCK



PSC / PRO-E 精萃型筒夾式刀桿



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	T	SIZE RANGE	WEIGHT (KGS)
5144-529-016-100	PSC80 x PRO-E16 - 100	148	100	65	30	30	M10 x 1.5P	1 ~ 10	2.00
5144-529-016-125	PSC80 x PRO-E16 - 125	173	125	90	30	30	M10 x 1.5P	1 ~ 10	2.13
5144-529-016-150	PSC80 x PRO-E16 - 150	198	150	110	30	30	M10 x 1.5P	1 ~ 10	2.27
5144-529-016-200	PSC80 x PRO-E16 - 200	248	200	155	30	30	M10 x 1.5P	1 ~ 10	2.52
5144-529-020-100	PSC80 x PRO-E20 - 100	148	100	65	35	35	M12 x 1.75P	1 ~ 13	2.10
5144-529-020-125	PSC80 x PRO-E20 - 125	173	125	90	35	35	M12 x 1.75P	1 ~ 13	2.28
5144-529-020-150	PSC80 x PRO-E20 - 150	198	150	110	35	35	M12 x 1.75P	1 ~ 13	2.46
5144-529-020-200	PSC80 x PRO-E20 - 200	248	200	155	35	35	M12 x 1.75P	1 ~ 13	2.80
5144-529-025-100	PSC80 x PRO-E25 - 100	148	100	65	42	42	M16 x 2.0P	1 ~ 16	2.26
5144-529-025-125	PSC80 x PRO-E25 - 125	173	125	90	42	42	M16 x 2.0P	1 ~ 16	2.50
5144-529-025-150	PSC80 x PRO-E25 - 150	198	150	110	42	42	M16 x 2.0P	1 ~ 16	2.76
5144-529-025-200	PSC80 x PRO-E25 - 200	248	200	155	42	42	M16 x 2.0P	1 ~ 16	3.23
5144-529-032-100	PSC80 x PRO-E32 - 100	148	100	65	50	50	M16 x 2.0P	2 ~ 20	2.46
5144-529-032-125	PSC80 x PRO-E32 - 125	173	125	90	50	50	M16 x 2.0P	2 ~ 20	2.79
5144-529-032-150	PSC80 x PRO-E32 - 150	198	150	115	50	50	M16 x 2.0P	2 ~ 20	3.14
5144-529-032-200	PSC80 x PRO-E32 - 200	248	200	160	50	50	M16 x 2.0P	2 ~ 20	3.84
5144-529-040-070	PSC80 x PRO-E40 - 70	118	70	38	63	63	-	3 ~ 26	2.14
5144-529-040-100	PSC80 x PRO-E40 - 100	148	100	68	63	63	M20 x 2.0P	3 ~ 26	2.79
5144-529-040-125	PSC80 x PRO-E40 - 125	173	125	93	63	63	M20 x 2.0P	3 ~ 26	3.32
5144-529-040-150	PSC80 x PRO-E40 - 150	198	150	118	63	63	M20 x 2.0P	3 ~ 26	3.88
5144-529-040-200	PSC80 x PRO-E40 - 200	248	200	168	63	63	M20 x 2.0P	3 ~ 26	4.99



Features:

- ▶ Superior interchangeability with ER collets.
- ▶ The design of enlarged holder ID hole optimizes the coverage of ER collet, shortens the tool overhanging length, and improves runout accuracy and machining stability.
- ▶ The design of straight parts above and below the thread makes PRO-E tool holders have better contact with clamping nuts to achieve higher runout accuracy.
- ▶ PRO-E nuts without slots reduce the wind shear at high speed.

Product information:

- ▶ Higher balancing grade and revolution can be done upon request but additional charge is needed.

Standard Accessory: • NUT

Collet	Nut	Coolant Supply Unit	Key	Spanner	Preset Screw
P.X-19~45	P.X-61	P.X-78	P.X-78	P.X-81,83~84,91	P.X-121

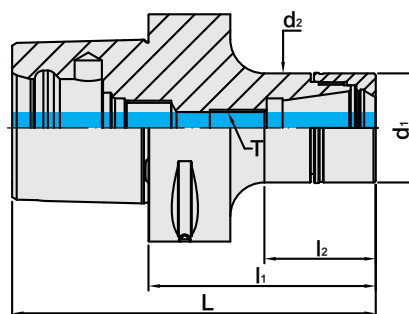


PSC / PRO-E EXCELLENT COLLET CHUCK

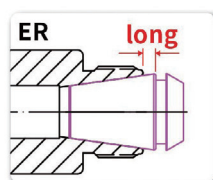
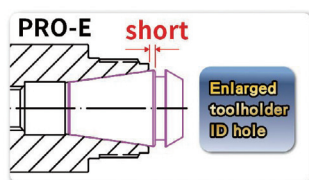
PSC



PSC / PRO-E 精萃型筒夾式刀桿



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	T	SIZE RANGE	WEIGHT (KGS)
5146-529-016-100	PSC100 x PRO-E16 - 100	160	100	49	30	30	M10 x 1.5P	1 ~ 10	3.98
5146-529-016-125	PSC100 x PRO-E16 - 125	185	125	74	30	30	M10 x 1.5P	1 ~ 10	4.11
5146-529-016-150	PSC100 x PRO-E16 - 150	210	150	99	30	30	M10 x 1.5P	1 ~ 10	4.23
5146-529-016-200	PSC100 x PRO-E16 - 200	260	200	149	30	30	M10 x 1.5P	1 ~ 10	4.48
5146-529-020-100	PSC100 x PRO-E20 - 100	160	100	49	35	35	M12 x 1.75P	1 ~ 13	3.94
5146-529-020-125	PSC100 x PRO-E20 - 125	185	125	74	35	35	M12 x 1.75P	1 ~ 13	4.13
5146-529-020-150	PSC100 x PRO-E20 - 150	210	150	99	35	35	M12 x 1.75P	1 ~ 13	4.30
5146-529-020-200	PSC100 x PRO-E20 - 200	260	200	149	35	35	M12 x 1.75P	1 ~ 13	4.63
5146-529-025-100	PSC100 x PRO-E25 - 100	160	100	49	42	42	M16 x 2.0P	1 ~ 16	4.08
5146-529-025-125	PSC100 x PRO-E25 - 125	185	125	74	42	42	M16 x 2.0P	1 ~ 16	4.32
5146-529-025-150	PSC100 x PRO-E25 - 150	210	150	99	42	42	M16 x 2.0P	1 ~ 16	4.55
5146-529-025-200	PSC100 x PRO-E25 - 200	260	200	149	42	42	M16 x 2.0P	1 ~ 16	5.03
5146-529-032-100	PSC100 x PRO-E32 - 100	160	100	49	50	50	M16 x 2.0P	2 ~ 20	4.23
5146-529-032-125	PSC100 x PRO-E32 - 125	185	125	74	50	50	M16 x 2.0P	2 ~ 20	4.58
5146-529-032-150	PSC100 x PRO-E32 - 150	210	150	99	50	50	M16 x 2.0P	2 ~ 20	4.93
5146-529-032-200	PSC100 x PRO-E32 - 200	260	200	149	50	50	M16 x 2.0P	2 ~ 20	5.63
5146-529-040-100	PSC100 x PRO-E40 - 100	160	100	59	63	63	-	3 ~ 26	4.24
5146-529-040-125	PSC100 x PRO-E40 - 125	185	125	84	63	63	M20 x 2.0P	3 ~ 26	4.79
5146-529-040-150	PSC100 x PRO-E40 - 150	210	150	109	63	63	M20 x 2.0P	3 ~ 26	5.35
5146-529-040-200	PSC100 x PRO-E40 - 200	260	200	159	63	63	M20 x 2.0P	3 ~ 26	6.47



Features:

- ▶ Superior interchangeability with ER collets.
- ▶ The design of enlarged holder ID hole optimizes the coverage of ER collet, shortens the tool overhanging length, and improves runout accuracy and machining stability.
- ▶ The design of straight parts above and below the thread makes PRO-E tool holders have better contact with clamping nuts to achieve higher runout accuracy.
- ▶ PRO-E nuts without slots reduce the wind shear at high speed.

Product information:

- ▶ Higher balancing grade and revolution can be done upon request but additional charge is needed.

Standard Accessory: • NUT

Collet	Nut	Coolant Supply Unit	Key	Spanner	Preset Screw
PX-19~45	P.X-61	P.X-78	P.X-78	PX-81,83~84,91	P.X-121

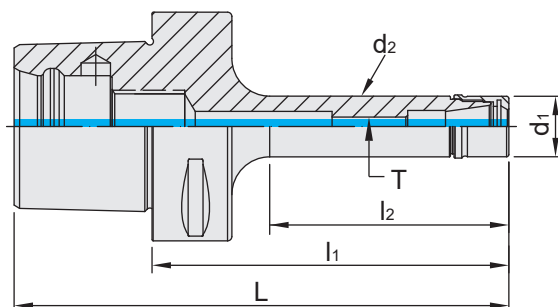


PSC / PRO-E EXCELLENT COLLET CHUCK

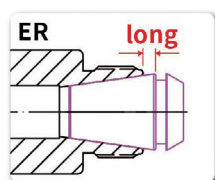
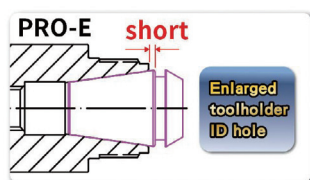
M TYPE



PSC / PRO-E 精萃型筒夾式刀桿 [M型]



MODEL NO.	TYPE	L	l ₁	l ₂	l ₃	d ₁	d ₂	T	SIZE RANGE	WEIGHT (KGS)
5143-584-008-070	PSC63 x PRO-E8M - 70	108	70	33	24.7	12	12	-	1 ~ 5	0.79
5143-584-008-100	PSC63 x PRO-E8M - 100	138	100	63	24.7	12	12	-	1 ~ 5	0.81
5143-584-008-125	PSC63 x PRO-E8M - 125	163	125	88	24.7	12	12	-	1 ~ 5	0.82
5143-584-011-070	PSC63 x PRO-E11M - 70	108	70	38	27.5	16	16	M6 x 1.0P	1 ~ 7	0.80
5143-584-011-100	PSC63 x PRO-E11M - 100	138	100	68	27.5	16	16	M6 x 1.0P	1 ~ 7	0.83
5143-584-011-125	PSC63 x PRO-E11M - 125	163	125	93	27.5	16	16	M6 x 1.0P	1 ~ 7	0.86
5143-584-016-070	PSC63 x PRO-E16M - 70	108	70	38	33.8	24	24	M10 x 1.5P	1 ~ 10	0.84
5143-584-016-100	PSC63 x PRO-E16M - 100	138	100	68	33.8	24	24	M10 x 1.5P	1 ~ 10	0.92
5143-584-016-125	PSC63 x PRO-E16M - 125	163	125	93	33.8	24	24	M10 x 1.5P	1 ~ 10	0.99



Features:

- ▶ Superior interchangeability with ER collets.
- ▶ The design of enlarged holder ID hole optimizes the coverage of ER collet, shortens the tool overhanging length, and improves runout accuracy and machining stability.
- ▶ The design of straight parts above and below the thread makes PRO-E tool holders have better contact with clamping nuts to achieve higher runout accuracy.
- ▶ PRO-E nuts without slots reduce the wind shear at high speed.

Product information:

- ▶ Higher balancing grade and revolution can be done upon request but additional charge is needed.

Standard Accessory: • NUT

Collet	Nut	Coolant Supply Unit	Key	Spanner	Preset Screw
P.X-19~45	P.X-61	P.X-78	P.X-78	P.X-81,83~84,91	P.X-121

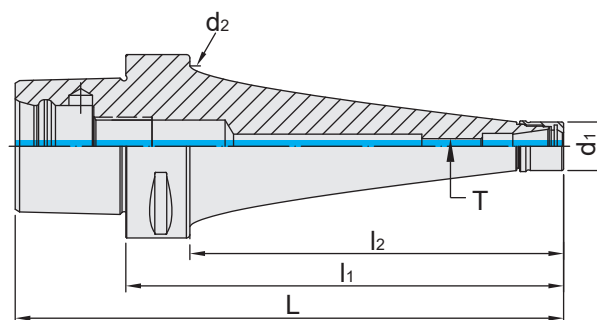


PSC / PRO-E EXCELLENT COLLET CHUCK

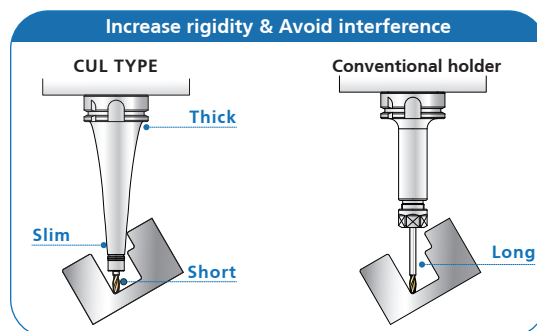
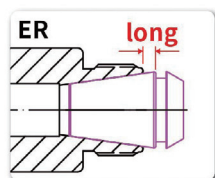
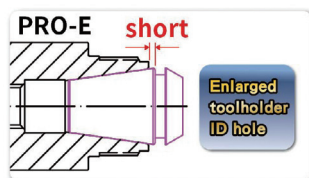
M TYPE CUL



PSC / PRO-E 精萃型筒夾式刀桿 [M型]



MODEL NO.	TYPE	L	l ₁	l ₂	l ₃	d ₁	d ₂	T	SIZE RANGE	WEIGHT (KGS)
5143-586-008-150	PSC63 x PRO-E8M - 150CUL	188	150	128	24.7	12	53	-	1 ~ 5	1.36
5143-586-008-200	PSC63 x PRO-E8M - 200CUL	238	200	178	24.7	12	53	-	1 ~ 5	1.53
5143-586-011-150	PSC63 x PRO-E11M - 150CUL	188	150	128	27.5	16	53	M6 x 1.0P	1 ~ 7	1.40
5143-586-011-200	PSC63 x PRO-E11M - 200CUL	238	200	178	27.5	16	53	M6 x 1.0P	1 ~ 7	1.59
5143-586-016-150	PSC63 x PRO-E16M - 150CUL	188	150	128	36.3	24	53	M10 x 1.5P	1 ~ 10	1.48
5143-586-016-200	PSC63 x PRO-E16M - 200CUL	238	200	178	36.3	24	53	M10 x 1.5P	1 ~ 10	1.71



Features:

- ▶ The PRO E/M type is designed with CUL Curved Line, making it highly suitable for 5 axis machining scenarios by preventing interference while ensuring strength.
- ▶ Superior interchangeability with ER collets.
- ▶ The design of enlarged holder ID hole optimizes the coverage of ER collet, shortens the tool overhanging length, and improves runout accuracy and machining stability.
- ▶ The design of straight parts above and below the thread makes PRO-E tool holders have better contact with clamping nuts to achieve higher runout accuracy.
- ▶ PRO-E nuts without slots reduce the wind shear at high speed.

Product information:

- ▶ Higher balancing grade and revolution can be done upon request but additional charge is needed.

Standard Accessory: • NUT

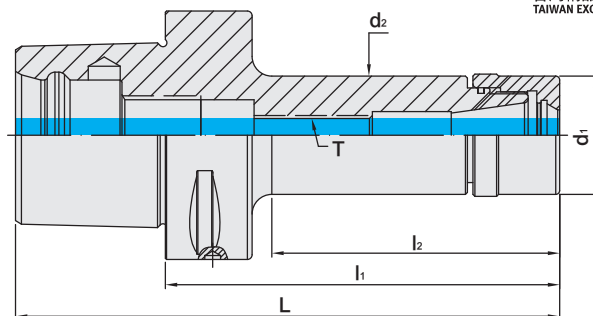
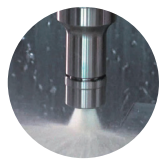
Collet	Nut	Coolant Supply Unit	Key	Spanner	Preset Screw
P.X-19~45	P.X-61	P.X-78	P.X-78	P.X-81,83~84,91	P.X-121



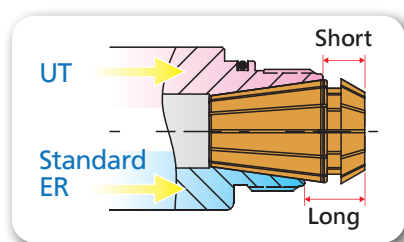
PSC / UT COLLET CHUCK



PSC / UT 立銑刀夾頭



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	T	SIZE RANGE	WEIGHT (KGS)
5140-753-016-045	PSC32 x UT16 - 45	64	45	29	30	30	-	1 ~ 10	0.23
5141-753-016-070	PSC40 x UT16 - 70	94	70	47	30	30	M10 x 1.5P	1 ~ 10	0.46
5141-753-020-052	PSC40 x UT20 - 52	76	52	31.2	35	36	-	1 ~ 13	0.40
5141-753-025-055	PSC40 x UT25 - 55	79	55	35	42	42	-	1 ~ 16	0.70
5141-753-032-060	PSC40 x UT32 - 60	84	60	40	48	48	-	2 ~ 20	0.80
5142-753-016-100	PSC50 x UT16 - 100	130	100	75	30	30	M10 x 1.5P	1 ~ 10	0.78
5142-753-016-130	PSC50 x UT16 - 130	160	130	105	30	30	M10 x 1.5P	1 ~ 10	0.90
5142-753-020-055	PSC50 x UT20 - 55	85	55	32	35	36	-	1 ~ 13	0.60
5142-753-020-100	PSC50 x UT20 - 100	130	100	77	35	36	M12 x 1.75P	1 ~ 13	0.91
5142-753-020-130	PSC50 x UT20 - 130	160	130	107	35	36	M12 x 1.75P	1 ~ 13	1.10
5142-753-025-060	PSC50 x UT25 - 60	90	60	39	42	42	-	1 ~ 16	0.70
5142-753-025-100	PSC50 x UT25 - 100	130	100	79	42	42	M16 x 2.0P	1 ~ 16	1.10
5142-753-025-130	PSC50 x UT25 - 130	160	130	109	42	42	M16 x 2.0P	1 ~ 16	1.40
5142-753-032-057	PSC50 x UT32 - 57	87	57	36	48	48	-	2 ~ 20	0.70
5142-753-032-100	PSC50 x UT32 - 100	130	100	79	48	48	M16 x 2.0P	2 ~ 20	1.18



Features:

- ▶ The deeper holder gauge line optimizes the coverage of ER spring collet and increases machining stability.
- ▶ UT clamping nut is designed without eccentric. Used with ER and ERE spring collets.
- ▶ The O-ring design on the front of holders prevents chips and coolant from entering holders.
- ▶ UT nuts without slots reduce the wind shear at high speed.

Product information:

- ▶ Higher balancing grade and revolution can be done upon request but additional charge is needed.

Standard Accessory: • NUT

Collet	Nut	Coolant Supply Unit	Key	Spanner	Preset Screw
P.X-19~22	P.X-62	P.X-78	P.X-78	P.X-81,83~84,91	P.X-121



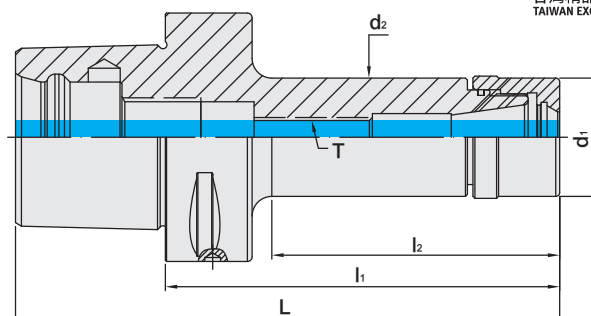
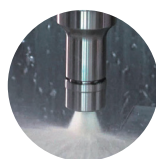
PSC / UT COLLET CHUCK



BALANCE
G2.5
25,000 RPM



PSC / UT 立銑刀夾頭



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	T	SIZE RANGE	WEIGHT (KGS)
5143-753-016-100	PSC63 x UT16 - 100	138	100	73	30	30	M10 x 1.5P	1 ~ 10	1.09
5143-753-016-130	PSC63 x UT16 - 130	168	130	103	30	30	M10 x 1.5P	1 ~ 10	1.19
5143-753-016-160	PSC63 x UT16 - 160	198	160	133	30	30	M10 x 1.5P	1 ~ 10	1.30
5143-753-020-060	PSC63 x UT20 - 60	98	60	33	35	36	-	1 ~ 13	0.95
5143-753-020-100	PSC63 x UT20 - 100	138	100	73	35	36	M12 x 1.75P	1 ~ 13	1.23
5143-753-020-130	PSC63 x UT20 - 130	168	130	100	35	36	M12 x 1.75P	1 ~ 13	1.41
5143-753-020-160	PSC63 x UT20 - 160	198	160	130	35	36	M12 x 1.75P	1 ~ 13	1.58
5143-753-025-065	PSC63 x UT25 - 65	103	65	38	42	42	-	1 ~ 16	0.95
5143-753-025-100	PSC63 x UT25 - 100	138	100	73	42	42	M16 x 2.0P	1 ~ 16	1.25
5143-753-025-130	PSC63 x UT25 - 130	168	130	103	42	42	M16 x 2.0P	1 ~ 16	1.54
5143-753-025-160	PSC63 x UT25 - 160	198	160	133	42	42	M16 x 2.0P	1 ~ 16	1.82
5143-753-032-070	PSC63 x UT32 - 70	108	70	45	48	48	-	2 ~ 20	1.15
5143-753-032-100	PSC63 x UT32 - 100	138	100	75	48	48	M16 x 2.0P	2 ~ 20	1.48
5143-753-032-130	PSC63 x UT32 - 130	168	130	103	48	48	M16 x 2.0P	2 ~ 20	1.87
5143-753-032-160	PSC63 x UT32 - 160	198	160	133	48	48	M16 x 2.0P	2 ~ 20	2.23
5144-753-016-070	PSC80 x UT16 - 70	118	70	35	30	30	-	1 ~ 10	2.10
5144-753-016-100	PSC80 x UT16 - 100	148	100	65	30	30	M10 x 1.5P	1 ~ 10	2.70
5144-753-016-160	PSC80 x UT16 - 160	208	160	115	30	30	M10 x 1.5P	1 ~ 10	2.90
5144-753-020-070	PSC80 x UT20 - 70	118	70	35	35	36	-	1 ~ 13	2.60
5144-753-020-100	PSC80 x UT20 - 100	148	100	65	35	36	M12 x 1.75P	1 ~ 13	2.90
5144-753-020-160	PSC80 x UT20 - 160	208	160	115	35	36	M12 x 1.75P	1 ~ 13	3.20
5144-753-025-070	PSC80 x UT25 - 70	118	70	35	42	42	-	1 ~ 16	2.70
5144-753-025-100	PSC80 x UT25 - 100	148	100	65	42	42	M16 x 2.0P	1 ~ 16	2.90
5144-753-025-160	PSC80 x UT25 - 160	208	160	115	42	42	M16 x 2.0P	1 ~ 16	3.50
5144-753-032-070	PSC80 x UT32 - 70	118	70	39	48	48	-	2 ~ 20	1.96
5144-753-032-100	PSC80 x UT32 - 100	148	100	65	48	48	M16 x 2.0P	2 ~ 20	2.32
5144-753-032-160	PSC80 x UT32 - 160	208	160	120	48	48	M16 x 2.0P	2 ~ 20	3.06

Features:

- ▶ The deeper holder gauge line optimizes the coverage of ER spring collet and increases machining stability.
- ▶ UT clamping nut is designed without eccentric. Used with ER and ERE spring collets.
- ▶ The O-ring design on the front of holders prevents chips and coolant from entering holders.
- ▶ UT nuts without slots reduce the wind shear at high speed.

Product information:

- ▶ Higher balancing grade and revolution can be done upon request but additional charge is needed.

Standard Accessory: • NUT

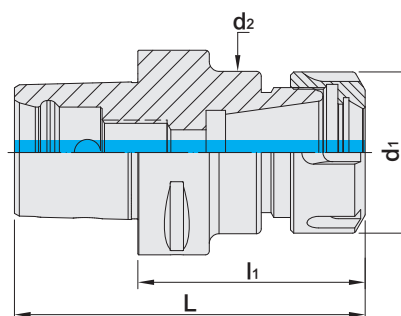
Collet	Nut	Coolant Supply Unit	Key	Spanner	Preset Screw
P.X-19~22	P.X-62	P.X-78	P.X-78	PX-81,83~84,91	P.X-121



PSC / ER TOOL HOLDER



PSC / ER 刀桿



MODEL NO.	TYPE	L	l ₁	d ₁	d ₂	SIZE RANGE	WEIGHT (KGS)
5140-108-016-045	PSC32 x ER16A - 45	64	45	28	32	1 ~ 10	0.20
5140-108-020-045	PSC32 x ER20A - 45	64	45	34	32	1 ~ 13	0.30
5141-108-016-070	PSC40 x ER16A - 70	94	70	28	28	1 ~ 10	0.40
5141-108-016-100	PSC40 x ER16A - 100	124	100	28	28	1 ~ 10	0.52
5141-108-020-052	PSC40 x ER20A - 52	76	52	34	34	1 ~ 13	0.30
5141-110-025-052	PSC40 x ER25 - 52	76	52	42	40	1 ~ 16	0.40
5141-110-032-054	PSC40 x ER32 - 54	78	54	50	40	2 ~ 20	0.50
5142-108-016-100	PSC50 x ER16A - 100	130	100	28	28	1 ~ 10	0.90
5142-108-020-055	PSC50 x ER20A - 55	85	55	34	34	1 ~ 13	0.50
5142-108-020-100	PSC50 x ER20A - 100	130	100	34	34	1 ~ 13	0.80
5142-110-025-055	PSC50 x ER25 - 55	85	55	42	42	1 ~ 16	0.50
5142-110-032-057	PSC50 x ER32 - 57	87	57	50	50	2 ~ 20	0.60
5142-110-032-100	PSC50 x ER32 - 100	130	100	50	50	2 ~ 20	0.90
5143-108-011-080	PSC63 x ER11A - 80	118	80	20	20	1 ~ 7	0.97
5143-108-011-100	PSC63 x ER11A - 100	138	100	20	20	1 ~ 7	1.19
5143-108-016-080	PSC63 x ER16A - 80	118	80	28	28	1 ~ 10	1.22
5143-108-016-100	PSC63 x ER16A - 100	138	100	28	28	1 ~ 10	1.30
5143-108-016-125	PSC63 x ER16A - 125	163	125	28	28	1 ~ 10	1.39
5143-108-020-060	PSC63 x ER20A - 60	98	60	34	34	1 ~ 13	0.80
5143-108-020-080	PSC63 x ER20A - 80	118	80	34	34	1 ~ 13	0.93
5143-108-020-100	PSC63 x ER20A - 100	138	100	34	34	1 ~ 13	1.29
5143-108-020-160	PSC63 x ER20A - 160	198	160	34	34	1 ~ 13	1.68
5143-110-025-060	PSC63 x ER25 - 60	98	60	42	42	1 ~ 16	0.90
5143-110-025-100	PSC63 x ER25 - 100	138	100	42	42	1 ~ 16	1.30
5143-110-025-125	PSC63 x ER25 - 125	163	125	42	42	1 ~ 13	1.55
5143-110-032-070	PSC63 x ER32 - 70	108	70	50	50	2 ~ 20	0.80
5143-110-032-080	PSC63 x ER32 - 80	118	80	50	50	2 ~ 20	0.95
5143-110-032-100	PSC63 x ER32 - 100	138	100	50	50	2 ~ 20	1.50
5143-110-032-125	PSC63 x ER32 - 125	163	125	50	50	2 ~ 20	1.86
5143-110-032-160	PSC63 x ER32 - 160	198	160	50	50	2 ~ 20	2.37
5143-110-040-065	PSC63 x ER40 - 65	103	65	63	63	3 ~ 26	1.10
5143-110-040-125	PSC63 x ER40 - 125	163	125	63	63	3 ~ 26	2.51

Features:

- ▶ According to ISO 15488.
- ▶ This ER tool holder has superior flexibility for use with all tool types, e.g. drills, taps, mills, reamers.
- ▶ It is recommended to tighten the clamping nuts using a torque wrench. Refer to the catalogue page of ER POWER GOOD NUT for the info. of recommended tightening torque.

Product information:

- ▶ Higher balancing grade and revolution can be done upon request but additional charge is needed.

Standard Accessory: • NUT

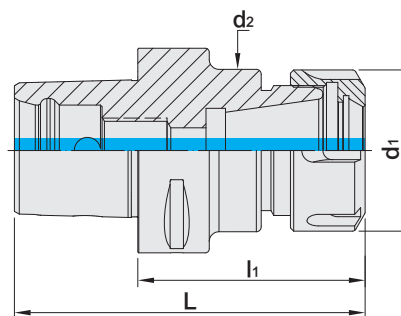
Collet	Nut	Coolant Supply Unit	Key	Spanner	Preset Screw
P.X-19~45	P.X-63,65~67	P.X-78	P.X-78	PX-81~84,87~88,91	P.X-121



PSC / ER TOOL HOLDER



PSC / ER 刀桿



MODEL NO.	TYPE	L	l ₁	d ₁	d ₂	SIZE RANGE	WEIGHT (KGS)
5144-108-020-065	PSC80 x ER20A - 65	113	65	34	34	1 ~ 13	1.40
5144-110-025-070	PSC80 x ER25 - 70	118	70	42	42	1 ~ 16	1.60
5144-110-032-070	PSC80 x ER32 - 70	118	70	50	50	2 ~ 20	1.80
5144-110-032-160	PSC80 x ER32 - 160	208	160	50	50	2 ~ 20	2.00
5144-110-040-070	PSC80 x ER40 - 70	118	70	63	63	3 ~ 26	2.30
5144-110-040-160	PSC80 x ER40 - 160	208	160	63	63	3 ~ 26	4.10
5144-110-050-080	PSC80 x ER50 - 80	128	80	78	78	6 ~ 34	4.60
5146-110-032-160	PSC100 x ER32 - 160	220	160	50	50	2 ~ 20	5.70
5146-110-040-160	PSC100 x ER40 - 160	220	160	63	63	3 ~ 26	5.80
5146-110-050-160	PSC100 x ER50 - 160	220	160	78	78	6 ~ 34	6.60

Features:

- ▶ According to ISO 15488.
- ▶ This ER tool holder has superior flexibility for use with all tool types, e.g. drills, taps, mills, reamers.
- ▶ It is recommended to tighten the clamping nuts using a torque wrench. Refer to the catalogue page of ER POWER GOOD NUT for the info. of recommended tightening torque.

Product information:

- ▶ Higher balancing grade and revolution can be done upon request but additional charge is needed.

Standard Accessory: • NUT

Collet	Nut	Coolant Supply Unit	Key	Spanner	Preset Screw
P.X-19~45	P.X-63,65~67	P.X-78	P.X-78	PX-81~84,87~88,91	P.X-121

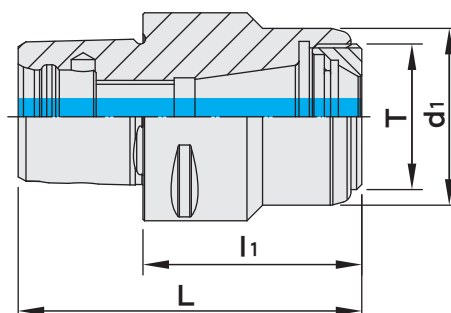


PSC / ERUS ULTRA SHORT TOOL HOLDER



BALANCE
G2.5
25,000 RPM

PSC / ERUS 超短頸刀桿



MODEL NO.	TYPE	L	l ₁	d ₁	T	SIZE RANGE	WEIGHT (KGS)
5140-133-016-040	PSC32 x ER16US - 40	59	40	30	M24 x 1.0P	1 ~ 10	0.21
5141-133-020-042	PSC40 x ER20US - 42	66	42	34	M28 x 1.5P	1 ~ 13	0.32



Features:

- ▶ Used with all ER collets.
- ▶ The front short design increases rigidity. Suitable for high speed or high torque processing.

Standard Accessory: • NUT

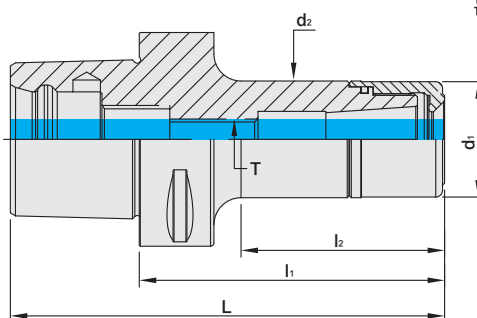
Collet	Nut	Coolant Supply Unit	Key	Spanner
P.X-19~45	P.X-65	P.X-78	P.X-78	P.X-88



PSC / SK3 COLLET CHUCK



PSC / SK3 高速機專用夾頭



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	T	SIZE RANGE	WEIGHT (KGS)
5141-763-006-075	PSC40 x SK306 - 75	99	75	48	19.5	19.5	M8 x 1.25P	1 ~ 6	0.20
5141-763-010-075	PSC40 x SK310 - 75	99	75	50	27.5	27.5	M12 x 1.75P	2 ~ 10	0.20
5141-763-013-075	PSC40 x SK313 - 75	99	75	54	33	33	M12 x 1.75P	2 ~ 13	0.30
5142-763-006-060	PSC50 x SK306 - 60	90	60	34	19.5	19.5	M8 x 1.25P	1 ~ 6	0.50
5142-763-006-075	PSC50 x SK306 - 75	105	75	49	19.5	19.5	M8 x 1.25P	1 ~ 6	0.60
5142-763-006-090	PSC50 x SK306 - 90	120	90	62	19.5	19.5	M8 x 1.25P	1 ~ 6	0.70
5142-763-010-075	PSC50 x SK310 - 75	105	75	49	27.5	27.5	M12 x 1.75P	2 ~ 10	0.70
5142-763-010-090	PSC50 x SK310 - 90	120	90	64	27.5	27.5	M12 x 1.75P	2 ~ 10	0.80
5142-763-013-075	PSC50 x SK313 - 75	105	75	49	33	33	M12 x 1.75P	2 ~ 13	0.70
5142-763-013-090	PSC50 x SK313 - 90	120	90	64	33	33	M12 x 1.75P	2 ~ 13	0.90
5142-763-016-075	PSC50 x SK316 - 75	105	75	53	40	40	M18 x 1.5P	2 ~ 16	0.90
5142-763-016-090	PSC50 x SK316 - 90	120	90	68	40	40	M18 x 1.5P	2 ~ 16	1.10
5143-763-006-060	PSC63 x SK306 - 60	98	60	30	19.5	19.5	M8 x 1.25P	1 ~ 6	0.80
5143-763-006-075	PSC63 x SK306 - 75	113	75	43	19.5	19.5	M8 x 1.25P	1 ~ 6	0.90
5143-763-006-090	PSC63 x SK306 - 90	128	90	58	19.5	19.5	M8 x 1.25P	1 ~ 6	1.00
5143-763-010-075	PSC63 x SK310 - 75	113	75	43	27.5	27.5	M12 x 1.75P	2 ~ 10	0.90
5143-763-010-090	PSC63 x SK310 - 90	128	90	58	27.5	27.5	M12 x 1.75P	2 ~ 10	1.10
5143-763-013-075	PSC63 x SK313 - 75	113	75	45	33	33	M12 x 1.75P	2 ~ 13	1.00
5143-763-013-090	PSC63 x SK313 - 90	128	90	60	33	33	M12 x 1.75P	2 ~ 13	1.20
5143-763-016-075	PSC63 x SK316 - 75	113	75	47	40	40	M18 x 1.5P	2 ~ 16	1.10
5143-763-016-090	PSC63 x SK316 - 90	128	90	60	40	40	M18 x 1.5P	2 ~ 16	1.30
5143-763-020-090	PSC63 x SK320 - 90	128	90	63	48	48.5	-	3 ~ 20	1.40
5143-763-020-105	PSC63 x SK320 - 105	143	105	78	48	48.5	M22x1.5P	3 ~ 20	1.60
5143-763-020-135	PSC63 x SK320 - 135	173	135	108	48	48.5	M22x1.5P	3 ~ 20	2.00
5143-763-025-090	PSC63 x SK325 - 90	128	90	65	55	55	-	3 ~ 25.4	1.60
5143-763-025-135	PSC63 x SK325 - 135	173	135	110	55	55	M28x2.0P	3 ~ 25.4	2.20

Features:

- ▶ Using 4° taper angle collets achieves higher clamping power and stability than 8° design of the ER system.
- ▶ Smaller OD nuts without slots are ideal for high-speed machining with less interference.
- ▶ Dustproof design of adding O rings prevents metal chips and coolants from getting into tool holders.

Product information:

- ▶ Higher balancing grade and revolution can be done upon request but additional charge is needed.

Standard Accessory: • NUT

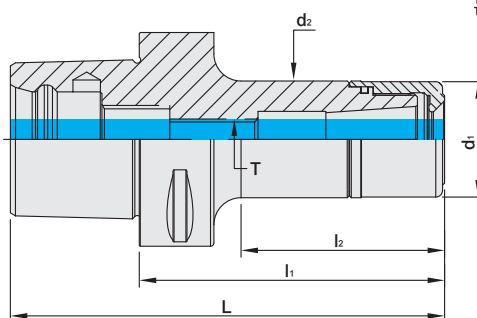
Collet	Nut	Coolant Supply Unit	Key	Spanner	Preset Screw
P.X-46~48	P.X-68	P.X-78	P.X-78	PX-81,83~84,91	P.X-121



PSC / SK3 COLLET CHUCK



PSC / SK3 高速機專用夾頭



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	T	SIZE RANGE	WEIGHT (KGS)
5144-763-006-060	PSC80 x SK306 - 60	108	60	27	19.5	19.5	M8 x 1.25P	1 ~ 6	1.80
5144-763-006-075	PSC80 x SK306 - 75	123	75	42	19.5	19.5	M8 x 1.25P	1 ~ 6	1.90
5144-763-006-090	PSC80 x SK306 - 90	138	90	57	19.5	19.5	M8 x 1.25P	1 ~ 6	2.00
5144-763-010-075	PSC80 x SK310 - 75	123	75	42	27.5	27.5	M12 x 1.75P	2 ~ 10	2.10
5144-763-010-090	PSC80 x SK310 - 90	138	90	57	27.5	27.5	M12 x 1.75P	2 ~ 10	2.20
5144-763-013-075	PSC80 x SK313 - 75	123	75	42	33	33	M12 x 1.75P	2 ~ 13	2.10
5144-763-013-090	PSC80 x SK313 - 90	138	90	57	33	33	M12 x 1.75P	2 ~ 13	2.30
5144-763-016-075	PSC80 x SK316 - 75	123	75	42	40	40	M18 x 1.5P	2 ~ 16	2.20
5144-763-016-090	PSC80 x SK316 - 90	138	90	57	40	40	M18 x 1.5P	2 ~ 16	2.40
5144-763-020-090	PSC80 x SK320 - 90	138	90	55	48	48.5	-	3 ~ 20	2.30
5144-763-020-105	PSC80 x SK320 - 105	153	105	70	48	48.5	M22x1.5P	3 ~ 20	2.50
5144-763-020-135	PSC80 x SK320 - 135	183	135	100	48	48.5	M22x1.5P	3 ~ 20	2.80
5144-763-025-090	PSC80 x SK325 - 90	138	90	55	55	55	-	3 ~ 25.4	2.40
5144-763-025-135	PSC80 x SK325 - 135	183	135	100	55	55	M28x2.0P	3 ~ 25.4	3.10

Features:

- ▶ Using 4° taper angle collets achieves higher clamping power and stability than 8° design of the ER system.
- ▶ Smaller OD nuts without slots are ideal for high-speed machining with less interference.
- ▶ Dustproof design of adding O rings prevents metal chips and coolants from getting into tool holders.

Product information:

- ▶ Higher balancing grade and revolution can be done upon request but additional charge is needed.

Standard Accessory: • NUT

Collet	Nut	Coolant Supply Unit	Key	Spanner	Preset Screw
P.X-46~48	P.X-68	P.X-78	P.X-78	P.X-81,83~84,91	P.X-121

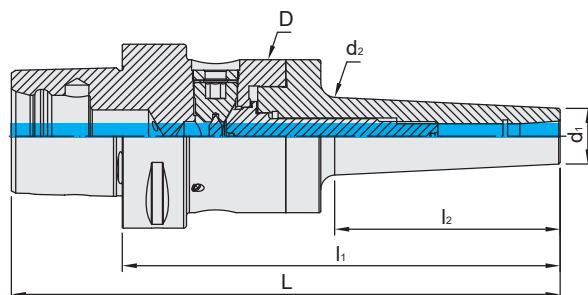


PSC / USC ULTIMATE SIDE CLAMPING CHUCK

BALANCE
G2.5
25,000 RPM

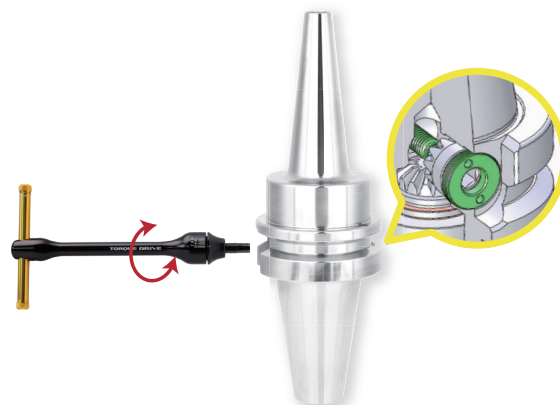
PSC / USC 進化型側邊鎖固刀桿

[SBL TYPE]



TW PAT NO. M609255
CN PAT NO. ZL202120238031.6

MODEL NO.	TYPE	L	l ₁	l ₂	D	d ₁	d ₂	SIZE RANGE	WEIGHT (KGS)
5143-749-006-130	PSC63 x USC6L - 130	168	130	57.5	52.4	14	26	3 ~ 6	1.82
5143-749-012-130	PSC63 x USC12L - 130	168	130	60	52.4	26	31.2	3 ~ 12	2.31
5141-749-006-155	PSC40 x USC6L - 155	179	155	77.5	52.4	14	30.2	3 ~ 6	1.22
5141-749-012-155	PSC40 x USC12L - 155	179	155	80	52.4	26	32.9	3 ~ 12	1.92



Features:

- ▶ Clamp and unclamp from the side. Quick tool change!
- ▶ The enlarged neck of the tool holder improves machining rigidity.
- ▶ The USC design w/o nut is good for interference reduction.
- ▶ USC is available with center coolant, which effectively removes metal chips, extends tool life and improves surface finish of workpiece.

Collet	Coolant Supply Unit	Key	Spanner	FIXED VALUE TORQUE WRENCH
				
P.X-49~51	P.X-78	P.X-78	P.X-89	P.X-90



PSC / USC ULTIMATE SIDE CLAMPING CHUCK

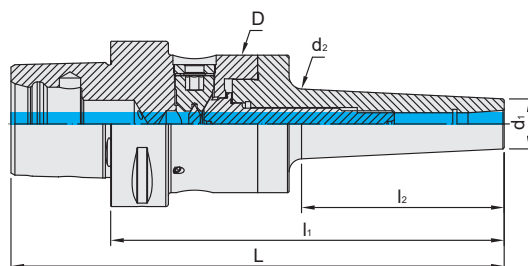
BALANCE
G2.5
25,000 RPM

PSC / USC 進化型側邊鎖固刀桿

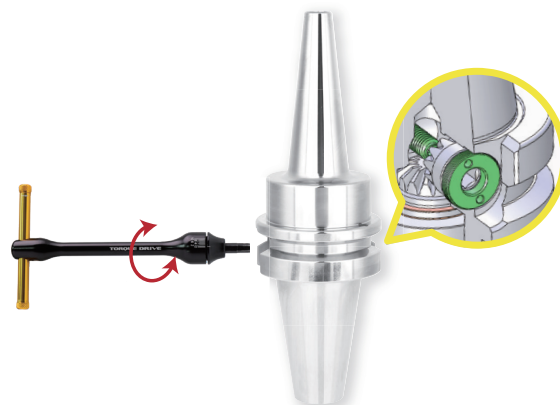
[EBL TYPE]



TW PAT NO. M609255
CN PAT NO. ZL202120238031.6



MODEL NO.	TYPE	L	l ₁	l ₂	D	d ₁	d ₂	SIZE RANGE	WEIGHT (KGS)
5143-747-006-150	PSC63 x USC6B - 150	188	150	77.2	52.4	19.05	26.6	3 ~ 6	1.84
5143-747-006-200	PSC63 x USC6B - 200	238	200	129.1	52.4	19.05	31.6	3 ~ 6	2.07
5141-747-006-155	PSC40 x USC6B - 155	179	155	77.2	52.4	19.05	26.6	3 ~ 6	1.42



Features:

- ▶ Clamp and unclamp from the side. Quick tool change!
- ▶ The enlarged neck of the tool holder improves machining rigidity.
- ▶ The USC design w/o nut is good for interference reduction.
- ▶ USC is available with center coolant, which effectively removes metal chips, extends tool life and improves surface finish of workpiece.

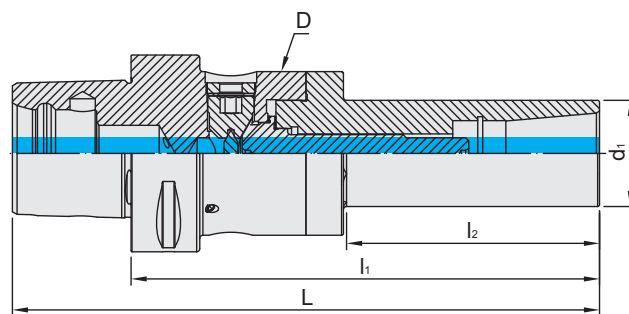
Collet	Coolant Supply Unit	Key	Spanner	FIXED VALUE TORQUE WRENCH
				
P.X-52	P.X-78	P.X-78	P.X-89	P.X-90

PSC / USC ULTIMATE SIDE CLAMPING CHUCK

BALANCE
G2.5
25,000 RPM

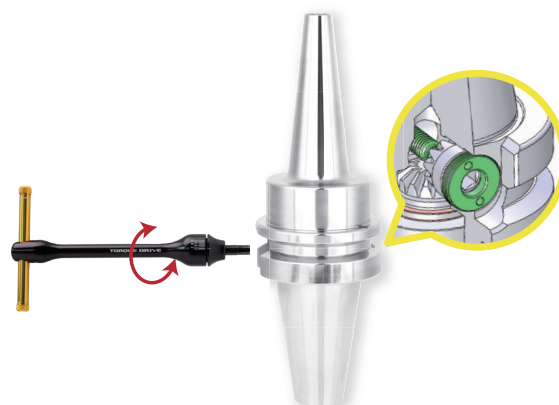
PSC / USC 進化型側邊鎖固刀桿

[SFS TYPE]



TW PAT NO. M609255
CN PAT NO. ZL202120238031.6

MODEL NO.	TYPE	L	l ₁	l ₂	D	d ₁	WEIGHT (KGS)
5143-750-012-150	PSC63 x USC12S - 150	188	150	81	52.4	34	1.82
5141-750-012-155	PSC40 x USC12S - 155	179	155	81	52.4	34	2.45



Features:

- ▶ Clamp and unclamp from the side. Quick tool change!
- ▶ The enlarged neck of the tool holder improves machining rigidity.
- ▶ The USC design w/o nut is good for interference reduction.
- ▶ USC is available with center coolant, which effectively removes metal chips, extends tool life and improves surface finish of workpiece.

SFS Extension	MFS Extension	Coolant Supply Unit	Key	Spanner	FIXED VALUE TORQUE WRENCH
					
P.Q-120	P.Q-121~123	P.X-78	P.X-78	P.X-89	P.X-90



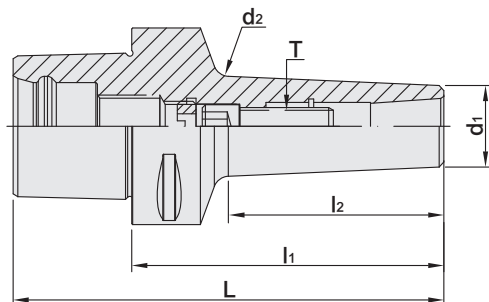
PSC / SBL SLIM-FIT COLLET CHUCK

5 μ m

BALANCE
G2.5
25,000 RPM

PSC / SBL 後拉式立銑刀夾頭

台灣精品 2012
TAIWAN EXCELLENCE



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	T	RECOMMENDED TORQUE		SIZE RANGE	WEIGHT (KGS)
								N.m	lbf-ft		
5140-648-006-075	PSC32 x SBL6 - 75	94	75	58	14	20.1	M6 x 1.0P	12	9	3 ~ 6	0.50
5140-648-012-090	PSC32 x SBL12 - 90	109	90	74	26	31.2	M10 x 1.5P	45	33	3 ~ 12	0.70
5141-648-006-075	PSC40 x SBL6 - 75	99	75	43	14	18.5	M6 x 1.0P	12	9	3 ~ 6	0.60
5141-648-012-090	PSC40 x SBL12 - 90	114	90	68	26	31.9	M10 x 1.5P	45	33	3 ~ 12	0.70
5141-648-020-105	PSC40 x SBL20 - 105	129	105	57	35	40	M12 x 1.75P	60	44	3 ~ 20	0.80
5142-648-006-080	PSC50 x SBL6 - 80	110	80	45	14	18.8	M6 x 1.0P	12	9	3 ~ 6	0.60
5142-648-008-100	PSC50 x SBL8 - 100	130	100	70.5	20	27.3	M8 x 1.25P	29	21	3 ~ 8	0.65
5142-648-012-105	PSC50 x SBL12 - 105	135	105	80	26	33	M10 x 1.5P	45	33	3 ~ 12	0.70
5142-648-020-115	PSC50 x SBL20 - 115	145	115	94	35	43.2	M12 x 1.75P	60	44	3 ~ 20	0.80
5143-648-006-080	PSC63 x SBL6 - 80	118	80	43	14	18.5	M6 x 1.0P	12	9	3 ~ 6	1.00
5143-648-008-100	PSC63 x SBL8 - 100	138	100	68.5	20	27.1	M8 x 1.25P	29	21	3 ~ 8	0.98
5143-648-012-100	PSC63 x SBL12 - 100	138	100	69	26	32	M10 x 1.5P	45	33	3 ~ 12	1.20
5143-648-020-120	PSC63 x SBL20 - 120	158	120	91	35	42.9	M12 x 1.75P	60	44	3 ~ 20	1.40
5144-648-006-080	PSC80 x SBL6 - 80	128	80	40.5	14	18.2	M6 x 1.0P	12	9	3 ~ 6	2.10
5144-648-008-100	PSC80 x SBL8 - 100	148	100	60.5	20	26.3	M8 x 1.25P	29	21	3 ~ 8	1.9
5144-648-012-100	PSC80 x SBL12 - 100	148	100	31.2	26	60.4	M10 x 1.5P	45	33	3 ~ 12	2.40
5144-648-020-120	PSC80 x SBL20 - 120	168	120	42	35	80.4	M12 x 1.75P	60	44	3 ~ 20	2.60

Features:

- ▶ The design of non-clamping nut and slim front ends reduces interference, ideal for deep hole machining.
- ▶ Taper angle 4° increases the stability of clamping precision.
- ▶ T.I.R. is within 5 μ m at 4D distance.

Product information:

- ▶ Higher balancing grade and revolution can be done upon request but additional charge is needed.

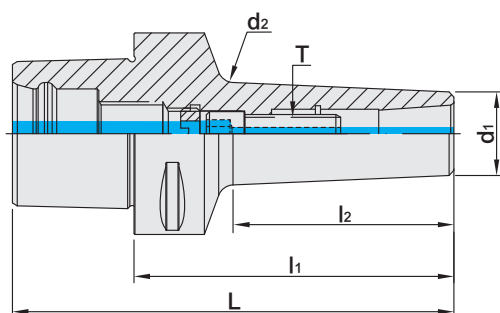
Collet	Coolant Supply Unit	Key	Spanner	Screw
				
P.X-49	P.X-78	P.X-78	P.X-89	P.X-125



PSC / SBLC SLIM-FIT COLLET CHUCK



PSC / SBLC 後拉式立銑刀夾頭



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	T	RECOMMENDED TORQUE		SIZE RANGE	WEIGHT (KGS)
								N.m	lbf-ft		
5140-623-006-075	PSC32 x SBLC6 - 75	94	75	58	14	20.1	M6 x 1.0P	12	9	3 ~ 6	0.50
5140-623-012-090	PSC32 x SBLC12 - 90	109	90	74	26	31.2	M10 x 1.5P	45	33	3 ~ 12	0.70
5141-623-006-075	PSC40 x SBLC6 - 75	99	75	43	14	18.5	M6 x 1.0P	12	9	3 ~ 6	0.60
5141-623-012-090	PSC40 x SBLC12 - 90	114	90	68	26	31.9	M10 x 1.5P	45	33	3 ~ 12	0.70
5141-623-020-105	PSC40 x SBLC20 - 105	129	105	57	35	40	M12 x 1.75P	60	44	3 ~ 20	0.80
5142-623-006-080	PSC50 x SBLC6 - 80	110	80	45	14	18.8	M6 x 1.0P	12	9	3 ~ 6	0.60
5142-623-008-100	PSC50 x SBLC8 - 100	130	100	70.5	20	27.3	M8 x 1.25P	29	21	3 ~ 8	0.65
5142-623-012-105	PSC50 x SBLC12 - 105	135	105	80	26	33	M10 x 1.5P	45	33	3 ~ 12	0.70
5142-623-020-115	PSC50 x SBLC20 - 115	145	115	94	35	43.2	M12 x 1.75P	60	44	3 ~ 20	0.80
5143-623-006-080	PSC63 x SBLC6 - 80	118	80	43	14	18.5	M6 x 1.0P	12	9	3 ~ 6	1.00
5143-623-008-100	PSC63 x SBLC8 - 100	138	100	68.5	20	27.1	M8 x 1.25P	29	21	3 ~ 8	0.98
5143-623-012-100	PSC63 x SBLC12 - 100	138	100	69	26	32	M10 x 1.5P	45	33	3 ~ 12	1.20
5143-623-020-120	PSC63 x SBLC20 - 120	158	120	91	35	42.9	M12 x 1.75P	60	44	3 ~ 20	1.40
5144-623-006-080	PSC80 x SBLC6 - 80	128	80	40.5	14	18.2	M6 x 1.0P	12	9	3 ~ 6	2.10
5144-623-008-100	PSC80 x SBLC8 - 100	148	100	60.5	20	26.3	M8 x 1.25P	29	21	3 ~ 8	1.9
5144-623-012-100	PSC80 x SBLC12 - 100	148	100	31.2	26	60.4	M10 x 1.5P	45	33	3 ~ 12	2.40
5144-623-020-120	PSC80 x SBLC20 - 120	168	120	42	35	80.4	M12 x 1.75P	60	44	3 ~ 20	2.60

Features:

- ▶ SBLC collet chuck used for center coolant improves the metal chip removal capability and the surface finish of the workpiece.
- ▶ The design of non-clamping nut and slim front ends reduces interference, ideal for deep hole machining.
- ▶ T.I.R. is within 5μm at 4D distance.
- ▶ Taper angle 4° increases the stability of clamping precision.

Product information:

- ▶ Higher balancing grade and revolution can be done upon request but additional charge is needed.
- ▶ Used with SLC sealed collet and coolant through cutters.

Collet	Coolant Supply Unit	Key	Spanner	Screw
P.X-50~51	P.X-78	P.X-78	P.X-89	P.X-125



PSC / EBL SLIM-FIT COLLET CHUCK

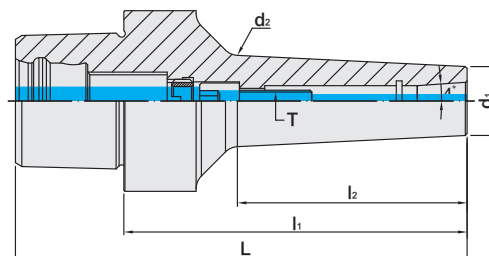
5 μ m

BALANCE
G2.5
25,000 RPM

PSC / EBL 後拉式刀桿



台灣精品 2012
TAIWAN EXCELLENCE



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	T	RECOMMENDED TORQUE		SIZE RANGE	WEIGHT (KGS)
								N.m	lbf-ft		
5141-277-006-100	PSC40 x EBL6 - 100	124	100	75.2	19.05	26.4	M6 x 1.0P	12	9	3 ~ 6	0.58
5142-277-006-100	PSC50 x EBL6 - 100	130	100	68.5	19.05	25.7	M6 x 1.0P	12	9	3 ~ 6	0.79
5142-277-008-100	PSC50 x EBL8 - 100	130	100	74.1	22.225	29.4	M8 x 1.25P	29	21	3 ~ 8	0.79
5143-277-006-100	PSC63 x EBL6 - 100	138	100	66.4	19.05	25.5	M6 x 1.0P	12	9	3 ~ 6	1.10
5143-277-008-100	PSC63 x EBL8 - 100	138	100	64.8	22.225	28.5	M8 x 1.25P	29	21	3 ~ 8	1.15
5143-277-008-125	PSC63 x EBL8 - 125	163	125	91	22.225	31.1	M8 x 1.25P	29	21	3 ~ 8	1.25
5143-277-008-150	PSC63 x EBL8 - 150	188	150	116.8	22.225	33.7	M8 x 1.25P	29	21	3 ~ 8	1.37
5144-277-006-100	PSC80 x EBL6 - 100	148	100	66.4	19.05	25.5	M6 x 1.0P	12	9	3 ~ 6	2.19
5144-277-008-100	PSC80 x EBL8 - 100	148	100	64.8	22.225	28.5	M8 x 1.25P	29	21	3 ~ 8	3.56



► SBL



► EBL

Features:

- EBL collet with extended length shortens tool overhanging length and improves the machining stability.
- The optimized design of thicker neck improves the machining rigidity and eliminates vibration, resulting in excellent surface finish of workpiece.

Standard Accessory: • SPANNER

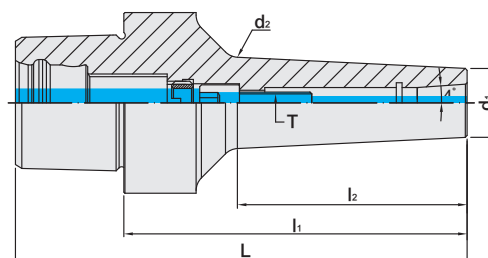
Collet	Coolant Supply Unit	Key	Spanner	Screw
P.X-52	P.X-78	P.X-78	P.X-89	P.X-125



PSC / EBLC SLIM-FIT COLLET CHUCK



PSC / EBLC 後拉式刀桿



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	T	RECOMMENDED TORQUE		SIZE RANGE	WEIGHT (KGS)
								N.m	lbf-ft		
5141-195-006-100	PSC40 x EBLC6 - 100	124	100	75.2	19.05	26.4	M6 x 1.0P	12	9	3 ~ 6	0.58
5142-195-006-100	PSC50 x EBLC6 - 100	130	100	68.5	19.05	25.7	M6 x 1.0P	12	9	3 ~ 6	0.79
5142-195-008-100	PSC50 x EBLC8 - 100	130	100	74.1	22.225	29.4	M8 x 1.25P	29	21	3 ~ 8	0.79
5143-195-006-100	PSC63 x EBLC6 - 100	138	100	66.4	19.05	25.5	M6 x 1.0P	12	9	3 ~ 6	1.10
5143-195-008-100	PSC63 x EBLC8 - 100	138	100	64.8	22.225	28.5	M8 x 1.25P	29	21	3 ~ 8	1.15
5143-195-008-125	PSC63 x EBLC8 - 125	163	125	91	22.225	31.1	M8 x 1.25P	29	21	3 ~ 8	1.25
5143-195-008-150	PSC63 x EBLC8 - 150	188	150	116.8	22.225	33.7	M8 x 1.25P	29	21	3 ~ 8	1.37
5144-195-006-100	PSC80 x EBLC6 - 100	148	100	66.4	19.05	25.5	M6 x 1.0P	12	9	3 ~ 6	2.19
5144-195-008-100	PSC80 x EBLC8 - 100	148	100	64.8	22.225	28.5	M8 x 1.25P	29	21	3 ~ 8	3.56



▶ SBLC



▶ EBLC

Features:

- ▶ EBLC collet chuck used for center coolant improves the metal chip removal capability and the surface finish of the workpiece.
- ▶ EBL collet with extended length shortens tool overhanging length and improves the machining stability.
- ▶ The optimized design of thicker neck improves the machining rigidity and eliminates vibration, resulting in excellent surface finish of workpiece.
- ▶ EBL sealed collet is capable of coolant pressure up to 25bar.

Standard Accessory: • SPANNER

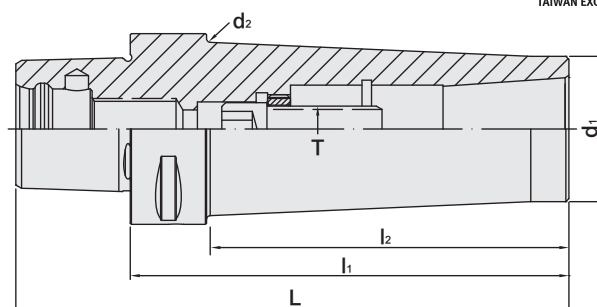
Collet	Coolant Supply Unit	Key	Spanner	Screw
P.X-52	P.X-78	P.X-78	P.X-89	P.X-125



PSC / HBL SLIM-FIT COLLET CHUCK

5 μ mBALANCE
G2.5
25,000 RPM

PSC / HBL 後拉式立銑刀夾頭

台灣精品 2012
TAIWAN EXCELLENCE

MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	T	WEIGHT (KGS)
5140-275-012-090	PSC32 x HBL12 - 90	109	90	75	31.75	32	M10 x 1.5P	0.55
5141-275-012-090	PSC40 x HBL12 - 90	114	90	68.4	31.75	36.85	M10 x 1.5P	0.64
5141-275-020-105	PSC40 x HBL20 - 105	129	105	85	38.1	40	M12 x 1.75P	0.82
5142-275-012-105	PSC50 x HBL12 - 105	135	105	82.1	31.75	38.04	M10 x 1.5P	0.98
5142-275-020-115	PSC50 x HBL20 - 115	145	115	94.04	38.1	45.3	M12 x 1.75P	0.99
5142-275-025-120	PSC50 x HBL25 - 120	150	120	100	44.45	50	M16 x 1.5P	1.48
5143-275-012-100	PSC63 x HBL12 - 100	138	100	69.9	31.75	36.9	M10 x 1.5P	1.26
5143-275-020-120	PSC63 x HBL20 - 120	158	120	91.4	38.1	45.2	M12 x 1.75P	1.47
5143-275-025-120	PSC63 x HBL25 - 120	158	120	92.6	44.45	51.6	M16 x 1.5P	1.60

HLB Cutter for HBL Slim-Fit Collet Chuck



Product information:

- ▶ When assembling with coolant through HLB cutter or SLC sealed collet, please change the screw into coolant screw, which is available to order separately.
- ▶ Higher balancing grade and revolution can be done upon request but additional charge is needed.

Features:

- ▶ Two-face contact between collet taper, collet flange and the end of HBL tool holder, increases the rigidity of machining.
- ▶ Modular system, assembled with HLB tools.
- ▶ HBL drawbar clamping design strengthens the axial clamping force.

SLC Collet	Coolant Supply Unit	Key	Spanner	HLB CUTTER	Screw
P.X-49~51	P.X-78	P.X-78	P.X-89	P.X-92~106	P.X-125



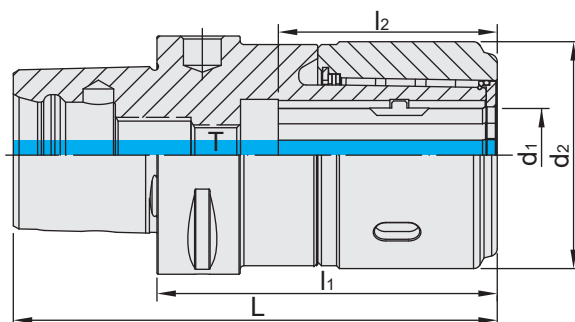
PSC / SMG NON-PULLOUT MILLING CHUCK

PSC

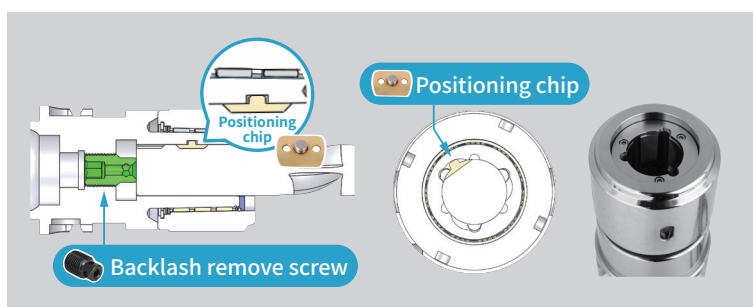
5 μ m

PSC / SMG 防脫刀刀桿

TW PAT NO. I862026
J P PAT NO. 3244223
D E PAT NO. 202023105263
CN PAT NO. ZL20231947337.4



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	T	WEIGHT (KGS)
5143-626-025-090	PSC63 x SMG25 - 90	128	90	67	25	60	M16 x 1.5P	1.83
5144-626-032-090	PSC80 x SMG32 - 90	138	90	59	32	71	M16 x 1.5P	2.82



Features:

- ▶ Used with Weldon shank cutters.(ISO3338-2, JIS B4005, DIN1835)
- ▶ Ideal for machining difficult-to-cut materials like titanium alloys and nickel alloys in heavy duty applications.
- ▶ Patented backlash remove screw and positioning chip effectively lock cutters, preventing tool slippage and pullout during process.
- ▶ The design of 3 coolant grooves on the front can deliver coolant to remove metal chips and extend cutter use life.
- ▶ Durable for coolant pressure up to 70bar.

Product information:

- ▶ The pre-balance reaches G6.3 8,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.

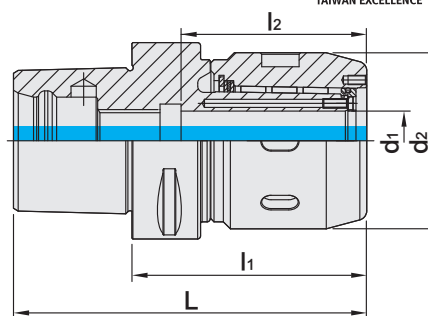
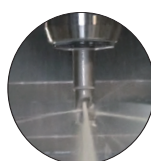
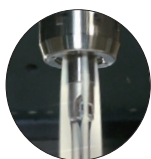
Standard Accessory: • Backlash remove screw • Positioning chip • Spanners

SMG Collet	Coolant Supply Unit	Key	Spanner	Allen Wrench	Positioning Chip	Backlash Remove Screw
P.X-53	P.X-78	P.X-78	P.X-89	P.X-89	P.X-125	P.X-126



PSC / MLD MULTI-LOCK MILLING CHUCK

PSC / MLD 直式筒夾銑床夾頭



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	WEIGHT (KGS)
5142-460-016-065	PSC50 x MLD16 - 65	95	65	56.7	16	48	1.00
5142-460-016-090	PSC50 x MLD16 - 90	120	90	56.7	16	48	1.50
5142-460-020-075	PSC50 x MLD20 - 75	105	75	59.3	20	56.5	1.20
5142-460-020-090	PSC50 x MLD20 - 90	120	90	59.3	20	56.5	1.40
5142-460-025-085	PSC50 x MLD25 - 85	115	85	58.2	25	60	1.60
5142-460-025-105	PSC50 x MLD25 - 105	135	105	58.2	25	60	1.80
5142-460-032-090	PSC50 x MLD32 - 90	120	90	71.7	32	71	1.90
5143-460-016-070	PSC63 x MLD16 - 70	108	70	56.7	16	48	1.20
5143-460-016-090	PSC63 x MLD16 - 90	128	90	56.7	16	48	1.40
5143-460-020-075	PSC63 x MLD20 - 75	113	75	59.3	20	56.5	1.40
5143-460-020-090	PSC63 x MLD20 - 90	128	90	59.3	20	56.5	1.60
5143-460-025-080	PSC63 x MLD25 - 80	118	80	58.2	25	60	1.70
5143-460-025-090	PSC63 x MLD25 - 90	128	90	58.2	25	60	1.90
5143-460-032-085	PSC63 x MLD32 - 85	123	85	71.7	32	71	2.20
5143-460-032-105	PSC63 x MLD32 - 105	143	105	71.7	32	71	2.40
5144-460-016-070	PSC80 x MLD16 - 70	118	70	56.7	16	48	2.30
5144-460-016-105	PSC80 x MLD16 - 105	153	105	56.7	16	48	2.50
5144-460-020-080	PSC80 x MLD20 - 80	128	80	59.3	20	56.5	2.60
5144-460-020-105	PSC80 x MLD20 - 105	153	105	59.3	20	56.5	2.80
5144-460-025-085	PSC80 x MLD25 - 85	133	85	58.2	25	60	2.80
5144-460-025-105	PSC80 x MLD25 - 105	153	105	58.2	25	60	3.10
5144-460-032-090	PSC80 x MLD32 - 90	138	90	71.7	32	71	2.90
5144-460-032-105	PSC80 x MLD32 - 105	153	105	71.7	32	71	3.10
5146-460-016-090	PSC100 x MLD16 - 90	150	90	56.7	16	48	4.08
5146-460-016-105	PSC100 x MLD16 - 105	165	105	56.7	16	48	4.31
5146-460-020-095	PSC100 x MLD20 - 95	155	95	59.3	20	56.5	4.68
5146-460-020-105	PSC100 x MLD20 - 105	165	105	59.3	20	56.5	4.82
5146-460-025-095	PSC100 x MLD25 - 95	155	95	58.2	25	60	4.51
5146-460-025-105	PSC100 x MLD25 - 105	165	105	58.2	25	60	4.69
5146-460-032-105	PSC100 x MLD32 - 105	165	105	71.1	32	71	4.71

Features:

- ▶ The special slotted design of the internal hole increases the clamping force and decreases vibration, making this milling chuck set suitable for heavy-duty machining.
- ▶ Collet runout accuracy: HSC collet 5μm, 8μm and SSC collet 10μm < two options to choose from.
- ▶ After fastening, the nuts and tool holders contact tight to enhance the cutting rigidity and achieve dustproof purposes.
- ▶ Coolant options: through the center of the holder or cutter. Use a sealed cap and SR ring for coolant through the cutter.

Product information:

- ▶ The pre-balance reaches G6.3 8,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.

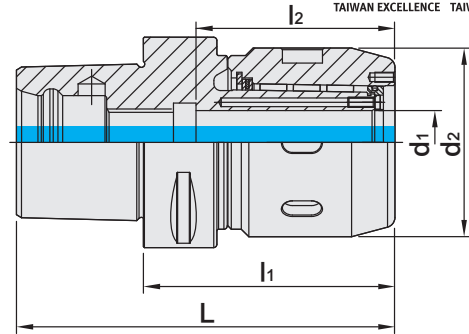
Standard Accessory: • NUT

Collet	Sealed Cap	SR Sealed Ring	Coolant Supply Unit	Key	Spanner	Spanner	Set Screw
P.X-54~55	P.X-70	P.X-71	P.X-78	P.X-78	P.X-88~89	P.X-91	P.X-125



PSC / MLD MULTI-LOCK MILLING CHUCK

PSC / MLD 直式筒夾銑床夾頭



INCHES

MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	WEIGHT (KGS)
5142-460-A40-250	PSC50 x MLD5/8" - 2.5"	3.681	2.5	2.23	0.625	1.889	1.00
5142-460-A40-350	PSC50 x MLD5/8" - 3.5"	4.681	3.5	2.23	0.625	1.889	1.50
5142-460-A48-300	PSC50 x MLD3/4" - 3"	4.181	3	2.34	0.75	2.224	1.20
5142-460-A48-350	PSC50 x MLD3/4" - 3.5"	4.681	3.5	2.34	0.75	2.224	1.40
5142-460-A64-335	PSC50 x MLD1" - 3.35"	4.531	3.35	2.49	1	2.362	1.60
5142-460-A64-413	PSC50 x MLD1" - 4.13"	5.314	4.13	2.49	1	2.362	1.80
5142-460-A72-350	PSC50 x MLD1-1/4" - 3.5"	4.681	3.5	2.8	1.25	2.795	1.90
5143-460-A40-275	PSC63 x MLD5/8" - 2.75"	4.246	2.75	2.23	0.625	1.889	1.20
5143-460-A40-350	PSC63 x MLD5/8" - 3.5"	4.996	3.5	2.23	0.625	1.889	1.40
5143-460-A48-300	PSC63 x MLD3/4" - 3"	4.496	3	2.34	0.75	2.224	1.40
5143-460-A48-350	PSC63 x MLD3/4" - 3.5"	4.996	3.5	2.34	0.75	2.224	1.60
5143-460-A64-315	PSC63 x MLD1" - 3.15"	4.645	3.15	2.49	1	2.362	1.70
5143-460-A64-350	PSC63 x MLD1" - 3.5"	4.996	3.5	2.49	1	2.362	1.90
5143-460-A72-335	PSC63 x MLD1-1/4" - 3.35"	4.846	3.35	2.8	1.25	2.795	2.20
5143-460-A72-413	PSC63 x MLD1-1/4" - 4.13"	5.626	4.13	2.8	1.25	2.795	2.40
5144-460-A40-275	PSC80 x MLD5/8" - 2.75"	4.639	2.75	2.23	0.625	1.889	2.30
5144-460-A40-413	PSC80 x MLD5/8" - 4.13"	6.019	4.13	2.23	0.625	1.889	2.50
5144-460-A48-315	PSC80 x MLD3/4" - 3.15"	5.039	3.15	2.34	0.75	2.224	2.60
5144-460-A48-413	PSC80 x MLD3/4" - 4.13"	6.019	4.13	2.34	0.75	2.224	2.80
5144-460-A64-335	PSC80 x MLD1" - 3.35"	5.239	3.35	2.49	1	2.362	2.80
5144-460-A64-413	PSC80 x MLD1" - 4.13"	6.019	4.13	2.49	1	2.362	3.10
5144-460-A72-350	PSC80 x MLD1-1/4" - 3.5"	5.389	3.5	2.8	1.25	2.795	2.90
5144-460-A72-413	PSC80 x MLD1-1/4" - 4.13"	6.019	4.13	2.8	1.25	2.795	3.10
5146-460-A40-350	PSC100xMLD5/8" - 3.5"	5.862	3.5	2.23	0.625	1.889	4.07
5146-460-A40-413	PSC100xMLD5/8" - 4.13"	6.492	4.13	2.23	0.625	1.889	4.32
5146-460-A48-375	PSC100xMLD3/4" - 3.75"	6.112	3.75	2.34	0.75	2.224	4.70
5146-460-A48-413	PSC100xMLD3/4" - 4.13"	6.492	4.13	2.34	0.75	2.224	4.82
5146-460-A64-400	PSC100xMLD1" - 4"	6.362	4	2.49	1	2.36	4.64
5146-460-A64-413	PSC100xMLD1" - 4.13"	6.492	4.13	2.49	1	2.36	4.70
5146-460-A72-400	PSC100xMLD1-1/4" - 4"	6.362	4	2.8	1.25	2.795	4.59
5146-460-A72-413	PSC100xMLD1-1/4" - 4.13"	6.492	4.13	2.8	1.25	2.795	4.65

Features:

- ▶ The special slotted design of the internal hole increases the clamping force and decreases vibration, making this milling chuck set suitable for heavy-duty machining.
- ▶ Collet runout accuracy: HSC collet 5μm, 8μm and SSC collet 10μm< two options to choose from.
- ▶ After fastening, the nuts and tool holders contact tight to enhance the cutting rigidity and achieve dustproof purposes.
- ▶ Coolant options: through the center of the holder or cutter. Use a sealed cap and SR ring for coolant through the cutter.

Product information:

- ▶ The pre-balance reaches G6.3 8,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.

Standard Accessory: • NUT

Collet	Sealed Cap	SR Sealed Ring	Coolant Supply Unit	Key	Spanner	Set Screw
P.X-54~55	P.X-70	P.X-71	P.X-78	P.X-78	P.X-88~89	P.X-125



PSC / SAF RUNOUT ADJUSTABLE HOLDER

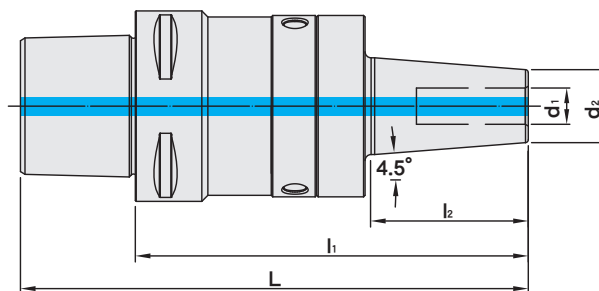
4.5°

PSC / SAF 可調式刀桿

〔SFC TYPE〕



TW PAT NO. I805264
J P PAT NO. 3237773
DE PAT NO. 202022102696
CN PAT NO. ZL20221891039.3



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	COMBINATION		WEIGHT (KGS)
							BODY	FLANGE ADAPTER	
5141-S27-006-125	PSC40 x SAF6C - 125	149	125	52	6	21	PSC40 x SAF25	SFC6 - 70	1.28
5141-S27-008-125	PSC40 x SAF8C - 125	149	125	52	8	21	PSC40 x SAF25	SFC8 - 70	1.27
5141-S27-010-125	PSC40 x SAF10C - 125	149	125	52	10	24	PSC40 x SAF25	SFC10 - 70	1.32
5141-S27-012-125	PSC40 x SAF12C - 125	149	125	52	12	24	PSC40 x SAF25	SFC12 - 70	1.30
5141-S27-016-130	PSC40 x SAF16C - 130	154	130	57	16	27	PSC40 x SAF25	SFC16 - 75	1.35
5142-S27-006-130	PSC50 x SAF6C - 130	160	130	52	6	21	PSC50 x SAF25	SFC6 - 70	1.62
5142-S27-008-130	PSC50 x SAF8C - 130	160	130	52	8	21	PSC50 x SAF25	SFC8 - 70	1.61
5142-S27-010-130	PSC50 x SAF10C - 130	160	130	52	10	24	PSC50 x SAF25	SFC10 - 70	1.66
5142-S27-012-130	PSC50 x SAF12C - 130	160	130	52	12	24	PSC50 x SAF25	SFC12 - 70	1.64
5142-S27-016-135	PSC50 x SAF16C - 135	165	135	57	16	27	PSC50 x SAF25	SFC16 - 75	1.69
5143-S27-006-130	PSC63 x SAF6C - 130	168	130	52	6	21	PSC63 x SAF25	SFC6 - 70	1.97
5143-S27-008-130	PSC63 x SAF8C - 130	168	130	52	8	21	PSC63 x SAF25	SFC8 - 70	1.96
5143-S27-010-130	PSC63 x SAF10C - 130	168	130	52	10	24	PSC63 x SAF25	SFC10 - 70	2.01
5143-S27-012-130	PSC63 x SAF12C - 130	168	130	52	12	24	PSC63 x SAF25	SFC12 - 70	1.99
5143-S27-016-135	PSC63 x SAF16C - 135	173	135	57	16	27	PSC63 x SAF25	SFC16 - 75	2.04
5143-S27-020-140	PSC63 x SAF20C - 140	178	140	60	20	33	PSC63 x SAF40	SFC20 - 80	3.01
5143-S27-025-160	PSC63 x SAF25C - 160	198	160	81	25	44	PSC63 x SAF40	SFC25 - 100	3.54
5143-S27-032-160	PSC63 x SAF32C - 160	198	160	81	32	44	PSC63 x SAF40	SFC32 - 100	3.40
5144-S27-006-120	PSC80 x SAF6C - 120	168	120	52	6	21	PSC80 x SAF25	SFC6 - 70	2.55
5144-S27-008-120	PSC80 x SAF8C - 120	168	120	52	8	21	PSC80 x SAF25	SFC8 - 70	2.54
5144-S27-010-120	PSC80 x SAF10C - 120	168	120	52	10	24	PSC80 x SAF25	SFC10 - 70	2.59
5144-S27-012-120	PSC80 x SAF12C - 120	168	120	52	12	24	PSC80 x SAF25	SFC12 - 70	2.57
5144-S27-016-125	PSC80 x SAF16C - 125	173	125	57	16	27	PSC80 x SAF25	SFC16 - 75	2.62
5144-S27-020-140	PSC80 x SAF20C - 140	188	140	60	20	33	PSC80 x SAF40	SFC20 - 80	3.81
5144-S27-025-160	PSC80 x SAF25C - 160	208	160	81	25	44	PSC80 x SAF40	SFC25 - 100	4.34
5144-S27-032-160	PSC80 x SAF32C - 160	208	160	81	32	44	PSC80 x SAF40	SFC32 - 100	4.20

Features:

- ▶ The runout accuracy of tool edges can be adjusted within 5μm.
- ▶ Different output options to meet customer machining requirements.
- ▶ Suitable for reaming, drilling and milling.

Standard Accessory: • WRENCH (FOR ADJUSTMENT SCREW) • PIN

Coolant Supply Unit	Key	SHRINK FIT CHUCK FLANGE	Preset Screw
			
P.X-78	P.X-78	P.X-107	P.X-121



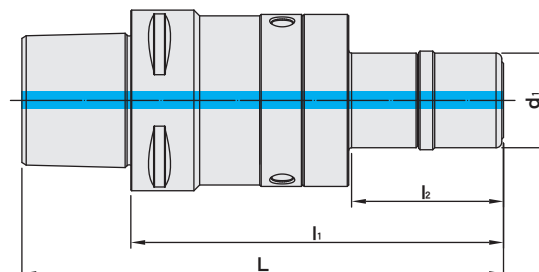
PSC / SAF RUNOUT ADJUSTABLE HOLDER

PSC / SAF 可調式刀桿

[SK3 TYPE]



TW PAT NO. I805264
J P PAT NO. 3237773
DE PAT NO. 202022102696
CN PAT NO. ZL20221891039.3



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	COMBINATION		COLLET	WEIGHT (KGS)
						BODY	FLANGE ADAPTER		
5141-S28-006-105	PSC40 x SAK6K - 105	129	105	29	19.5	PSC40 x SAF25	SK306 - 50	SKX6	1.15
5141-S28-006-155	PSC40 x SAF6K - 155	179	155	79	19.5	PSC40 x SAF25	SK306 - 100	SKX6	1.24
5141-S28-010-105	PSC40 x SAF10K - 105	129	105	32.5	27.5	PSC40 x SAF25	SK310 - 50	SKX10	1.18
5141-S28-010-155	PSC40 x SAF10K - 155	179	155	82.5	27.5	PSC40 x SAF25	SK310 - 100	SKX10	1.37
5141-S28-013-125	PSC40 x SAF13K - 125	149	125	53	33	PSC40 x SAF25	SK313 - 70	SKX13	1.31
5141-S28-013-155	PSC40 x SAF13K - 155	179	155	83	33	PSC40 x SAF25	SK313 - 100	SKX13	1.49
5142-S28-006-110	PSC50 x SAF6K - 110	140	110	29	19.5	PSC50 x SAF25	SK306 - 50	SKX6	1.49
5142-S28-006-160	PSC50 x SAF6K - 160	190	160	79	19.5	PSC50 x SAF25	SK306 - 100	SKX6	1.58
5142-S28-010-110	PSC50 x SAF10K - 110	140	110	32.5	27.5	PSC50 x SAF25	SK310 - 50	SKX10	1.52
5142-S28-010-160	PSC50 x SAF10K - 160	190	160	82.5	27.5	PSC50 x SAF25	SK310 - 100	SKX10	1.71
5142-S28-013-130	PSC50 x SAF13K - 130	160	130	53	33	PSC50 x SAF25	SK313 - 70	SKX13	1.65
5142-S28-013-160	PSC50 x SAF13K - 160	190	160	83	33	PSC50 x SAF25	SK313 - 100	SKX13	1.83
5143-S28-006-110	PSC63 x SAF6K - 110	148	110	29	19.5	PSC63 x SAF25	SK306 - 50	SKX6	1.84
5143-S28-006-160	PSC63 x SAF6K - 160	198	160	79	19.5	PSC63 x SAF25	SK306 - 100	SKX6	1.93
5143-S28-010-110	PSC63 x SAF10K - 110	148	110	32.5	27.5	PSC63 x SAF25	SK310 - 50	SKX10	1.87
5143-S28-010-160	PSC63 x SAF10K - 160	198	160	82.5	27.5	PSC63 x SAF25	SK310 - 100	SKX10	2.06
5143-S28-013-130	PSC63 x SAF13K - 130	168	130	53	33	PSC63 x SAF25	SK313 - 70	SKX13	2.00
5143-S28-013-160	PSC63 x SAF13K - 160	198	160	83	33	PSC63 x SAF25	SK313 - 100	SKX13	2.18
5143-S28-016-130	PSC63 x SAF16K - 130	168	130	49.9	40	PSC63 x SAF40	SK316 - 70	SKX16	2.90
5143-S28-016-160	PSC63 x SAF16K - 160	198	160	79.9	40	PSC63 x SAF40	SK316 - 100	SKX16	3.16
5144-S28-006-100	PSC80 x SAF6K - 100	148	100	29	19.5	PSC80 x SAF25	SK306 - 50	SKX6	2.42
5144-S28-006-150	PSC80 x SAF6K - 150	198	150	79	19.5	PSC80 x SAF25	SK306 - 100	SKX6	2.51
5144-S28-010-100	PSC80 x SAF10K - 100	148	100	32.5	27.5	PSC80 x SAF25	SK310 - 50	SKX10	2.45
5144-S28-010-150	PSC80 x SAF10K - 150	198	150	82.5	27.5	PSC80 x SAF25	SK310 - 100	SKX10	2.64
5144-S28-013-120	PSC80 x SAF13K - 120	168	120	53	33	PSC80 x SAF25	SK313 - 70	SKX13	2.58
5144-S28-013-150	PSC80 x SAF13K - 150	198	150	83	33	PSC80 x SAF25	SK313 - 100	SKX13	2.76
5144-S28-016-130	PSC80 x SAF16K - 130	178	130	49.9	40	PSC80 x SAF40	SK316 - 70	SKX16	3.70
5144-S28-016-160	PSC80 x SAF16K - 160	208	160	79.9	40	PSC80 x SAF40	SK316 - 100	SKX16	3.96

Features:

- ▶ The runout accuracy of tool edges can be adjusted within 5μm.
- ▶ Different output options to meet customer machining requirements.
- ▶ Suitable for reaming, drilling and milling.

Standard Accessory: • NUT • WRENCH (FOR ADJUSTMENT SCREW) • PIN

Collet	Nut	Coolant Supply Unit	Key	Spanner	SK3 COLLET CHUCK FLANGE	Preset Screw
P.X-46~48	P.X-68	P.X-78	P.X-78	P.X-81,83~84,91	P.X-108	P.X-121



PSC / SAF RUNOUT ADJUSTABLE HOLDER

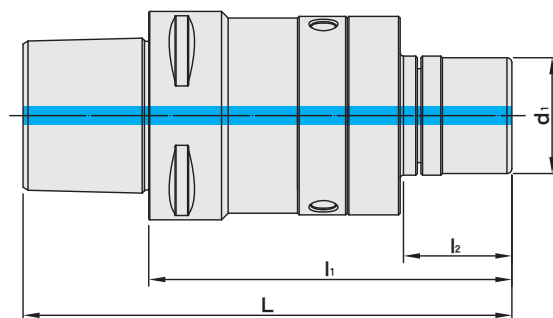


PSC / SAF 可調式刀桿

〔UT TYPE〕



TW PAT NO. 1805264
J P PAT NO. 3237773
D E PAT NO. 202022102696
C N PAT NO. ZL20221891039.3



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	COMBINATION		COLLET	WEIGHT (KGS)
						BODY	FLANGE ADAPTER		
5141-S30-016-105	PSC40 x SAF16U - 105	129	105	32	30	PSC40 x SAF25	UT16 - 50	ER16	1.23
5141-S30-020-105	PSC40 x SAF20U - 105	129	105	33	35	PSC40 x SAF25	UT20 - 50	ER20	1.25
5142-S30-016-110	PSC50 x SAF16U - 110	140	110	32	30	PSC50 x SAF25	UT16 - 50	ER16	1.57
5142-S30-020-110	PSC50 x SAF20U - 110	140	110	33	35	PSC50 x SAF25	UT20 - 50	ER20	1.59
5143-S30-016-110	PSC63 x SAF16U - 110	148	110	32	30	PSC63 x SAF25	UT16 - 50	ER16	1.92
5143-S30-020-110	PSC63 x SAF20U - 110	148	110	33	35	PSC63 x SAF25	UT20 - 50	ER20	1.94
5143-S30-025-120	PSC63 x SAF25U - 120	158	120	38.9	42	PSC63 x SAF40	UT25 - 60	ER25	2.91
5143-S30-032-120	PSC63 x SAF32U - 120	158	120	40.9	48	PSC63 x SAF40	UT32 - 60	ER32	2.94
5144-S30-016-100	PSC80 x SAF16U - 100	148	100	32	30	PSC80 x SAF25	UT16 - 50	ER16	2.50
5144-S30-020-100	PSC80 x SAF20U - 100	148	100	33	35	PSC80 x SAF25	UT20 - 50	ER20	2.52
5144-S30-025-120	PSC80 x SAF25U - 120	168	120	38.9	42	PSC80 x SAF40	UT25 - 60	ER25	3.71
5144-S30-032-120	PSC80 x SAF32U - 120	168	120	40.9	48	PSC80 x SAF40	UT32 - 60	ER32	3.74

Features:

- ▶ The runout accuracy of tool edges can be adjusted within 5μm.
- ▶ Different output options to meet customer machining requirements.
- ▶ Suitable for reaming, drilling and milling.

Standard Accessory: • NUT • WRENCH (FOR ADJUSTMENT SCREW) • PIN

Collet	Nut	Coolant Supply Unit	Key	Spanner	UT COLLET CHUCK FLANGE	Preset Screw
P.X-19~22	P.X-68	P.X-78	P.X-78	P.X-81,83~84,91	P.X-109	P.X-121

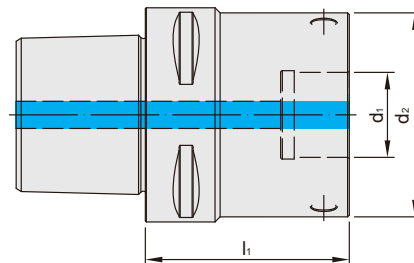


PSC / SAF RUNOUT ADJUSTABLE HOLDER BODY

PSC / SAF 可調式刀桿本體



TW PAT NO. 1805264
 JP PAT NO. 3237773
 DE PAT NO. 202022102696
 CN PAT NO. ZL20221891039.3



MODEL NO.	TYPE	l_1	d_1	d_2	SAF NO.	WEIGHT (KGS)
5141-783-025-055	PSC40 x SAF25 - 55	55	25	60	1	0.76
5142-783-025-060	PSC50 x SAF25 - 60	60	25	60	1	1.10
5143-783-025-060	PSC63 x SAF25 - 60	60	25	60	1	1.45
5143-783-040-060	PSC63 x SAF40 - 60	60	40	80	2	1.82
5144-783-025-050	PSC80 x SAF25 - 50	50	25	60	1	2.03
5144-783-040-060	PSC80 x SAF40 - 60	60	40	80	2	2.62

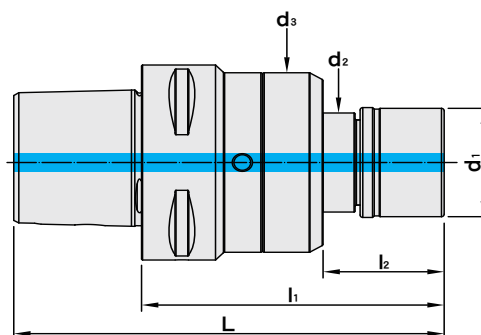


PSC / SBF RADIAL ZERO ADJUSTABLE HOLDER



PSC / SBF 可調式徑向歸零刀桿

[PRO-E TYPE]



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	d ₃	COLLET	WEIGHT (KGS)
5141-S10-016-155	PSC40 x SBF16PE - 155	179	155	97	30	32	58	ER16	1.38
5141-S10-020-105	PSC40 x SBF20PE - 105	129	105	47	35	32	58	ER20	1.12
5141-S10-020-155	PSC40 x SBF20PE - 155	179	155	97	35	32	58	ER20	1.39
5142-S10-016-110	PSC50 x SBF16PE - 110	140	110	57	30	32	58	ER16	1.26
5142-S10-016-160	PSC50 x SBF16PE - 160	190	160	107	30	32	58	ER16	1.51
5142-S10-020-110	PSC50 x SBF20PE - 110	140	110	57	35	32	58	ER20	1.28
5142-S10-020-160	PSC50 x SBF20PE - 160	190	160	107	35	32	58	ER20	1.53
5143-S10-016-110	PSC63 x SBF16PE - 110	148	110	52	30	32	58	ER16	1.65
5143-S10-016-160	PSC63 x SBF16PE - 160	198	160	102	30	32	58	ER16	1.86
5143-S10-020-110	PSC63 x SBF20PE - 110	148	110	52	35	32	58	ER20	1.67
5143-S10-020-160	PSC63 x SBF20PE - 160	198	160	102	35	32	58	ER20	1.88
5143-S10-025-110	PSC63 x SBF25PE - 110	148	110	52	42	42	75	ER25	2.20
5143-S10-025-160	PSC63 x SBF25PE - 160	198	160	102	42	42	75	ER25	2.62
5143-S10-032-120	PSC63 x SBF32PE - 120	158	120	62	50	42	75	ER32	2.26
5143-S10-032-160	PSC63 x SBF32PE - 160	198	160	102	50	42	75	ER32	2.58
5144-S10-016-100	PSC80 x SBF16PE - 100	148	100	37	30	32	58	ER16	2.50
5144-S10-016-150	PSC80 x SBF16PE - 150	198	150	87	30	32	58	ER16	2.71
5144-S10-020-100	PSC80 x SBF20PE - 100	148	100	37	35	32	58	ER20	2.52
5144-S10-020-150	PSC80 x SBF20PE - 150	198	150	87	35	32	58	ER20	2.73
5144-S10-025-110	PSC80 x SBF25PE - 110	158	110	47	42	42	75	ER25	3.05
5144-S10-025-160	PSC80 x SBF25PE - 160	208	160	97	42	42	75	ER25	3.49
5144-S10-032-120	PSC80 x SBF32PE - 120	168	120	57	50	42	75	ER32	3.10
5144-S10-032-160	PSC80 x SBF32PE - 160	208	160	97	50	42	75	ER32	3.52

Features:

- ▶ Compensate for bad runout accuracy accumulated from machine spindle, tool holder and cutter and adjust it to be less than 2μm.
- ▶ Simple and quick to adjust by 3 screws.
- ▶ Center coolant through is available and can be up to 70 bar.
- ▶ Ideal for reaming and drilling.

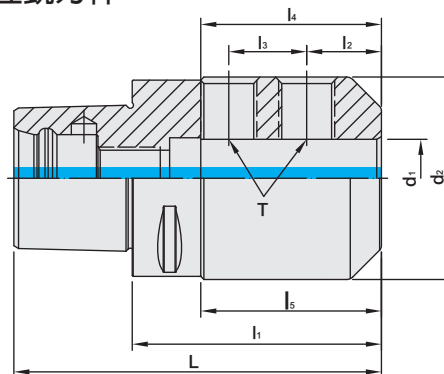
Standard Accessory: • NUT • WRENCH (FOR ADJUSTMENT SCREW) • PIN

Collet	Nut	Coolant Supply unit	Key	Spanner	Preset Screw
P.X-19~45	P.X-61	P.X-78	P.X-78	P.X-81,83~84,91	P.X-121



PSC / SLN SIDE LOCK END MILL HOLDER

PSC / SLN 側固式立銑刀桿



MODEL NO.	TYPE	L	l ₁	l ₂	l ₃	l ₄	l ₅	d ₁	d ₂	T	WEIGHT (KGS)
5140-653-006-045	PSC32 x SLN6 - 45	64	45	18	-	36	29	6	25	M6	0.30
5140-653-008-045	PSC32 x SLN8 - 45	64	45	18	-	36	29.5	8	28	M8	0.30
5140-653-010-050	PSC32 x SLN10 - 50	69	50	20	-	29	35	10	35	M10	0.40
5140-653-012-055	PSC32 x SLN12 - 55	74	55	22.5	-	38	40	12	42	M12	0.30
5141-653-006-050	PSC40 x SLN6 - 50	74	50	18	-	35	25	6	25	M6	0.40
5141-653-008-050	PSC40 x SLN8 - 50	74	50	18	-	35	26	8	28	M8	0.40
5141-653-010-050	PSC40 x SLN10 - 50	74	50	20	-	39	27.5	10	35	M10	0.50
5141-653-012-055	PSC40 x SLN12 - 55	79	55	22.5	-	44	35	12	42	M12	0.60
5141-653-014-055	PSC40 x SLN14 - 55	79	55	22.5	-	39	35	14	44	M12	0.60
5141-653-016-055	PSC40 x SLN16 - 55	79	55	24	-	37	35	16	47	M14	0.70
5142-653-006-050	PSC50 x SLN6 - 50	80	50	18	-	38	25	6	25	M6	0.60
5142-653-008-050	PSC50 x SLN8 - 50	80	50	18	-	38	25	8	28	M8	0.70
5142-653-010-055	PSC50 x SLN10 - 55	85	55	20	-	43	30	10	35	M10	0.70
5142-653-012-060	PSC50 x SLN12 - 60	90	60	22.5	-	48	38	12	42	M12	0.90
5142-653-014-060	PSC50 x SLN14 - 60	90	60	22.5	-	44	37	14	44	M12	0.80
5142-653-016-060	PSC50 x SLN16 - 60	90	60	24	-	43	39	16	48	M14	1.00
5142-653-018-060	PSC50 x SLN18 - 60	90	60	24	-	45	-	18	50	M14	1.00
5142-653-020-060	PSC50 x SLN20 - 60	90	60	25	-	43	40	20	52	M16	1.00
5142-653-025-080	PSC50 x SLN25 - 80	110	80	24	25	58	60	25	65	M18	1.80

Features:

- ▶ Internal hole tolerance: H5 (DIN-1835-B standard).
- ▶ The tolerance requirement of tool shank diameter is h6.
- ▶ Taking use of side lock screws to clamp tools with lateral flat surfaces. Good at heavy-duty machining.

Product information:

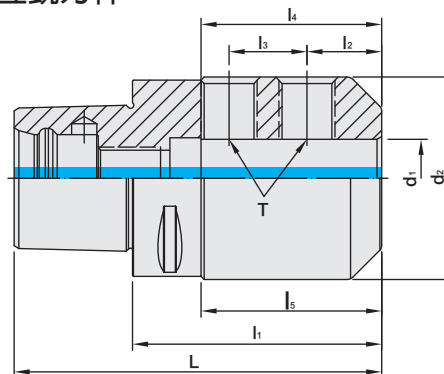
- ▶ The pre-balance reaches G6.3 10,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.

Coolant Supply Unit	Key	Lock Screw
		
P.X-78	P.X-78	P.X-124



PSC / SLN SIDE LOCK END MILL HOLDER

PSC / SLN 側固式立銑刀桿



MODEL NO.	TYPE	L	l ₁	l ₂	l ₃	l ₄	l ₅	d ₁	d ₂	T	WEIGHT (KGS)
5143-653-006-055	PSC63 x SLN6 - 55	93	55	18	-	35	28	6	25	M6	0.90
5143-653-008-055	PSC63 x SLN8 - 55	93	55	18	-	39	28	8	28	M8	0.90
5143-653-010-060	PSC63 x SLN10 - 60	98	60	20	-	39	33	10	35	M10	1.00
5143-653-012-060	PSC63 x SLN12 - 60	98	60	22.5	-	44	33	12	42	M12	1.10
5143-653-014-060	PSC63 x SLN14 - 60	98	60	22.5	-	44	33	14	44	M12	1.10
5143-653-016-065	PSC63 x SLN16 - 65	103	65	24	-	47	40	16	48	M14	1.20
5143-653-018-065	PSC63 x SLN18 - 65	103	65	24	-	44	40	18	50	M14	1.20
5143-653-020-065	PSC63 x SLN20 - 65	103	65	25	-	49	40	20	52	M16	1.50
5143-653-025-080	PSC63 x SLN25 - 80	118	80	24	25	58	58	25	65	M18	1.90
5143-653-032-090	PSC63 x SLN32 - 90	128	90	24	28	63	68	32	72	M20	2.40
5143-653-040-100	PSC63 x SLN40 - 100	138	100	30	32	75	78	40	90	M20	3.70
5144-653-006-070	PSC80 x SLN6 - 70	118	70	18	-	35	35	6	25	M6	2.10
5144-653-008-070	PSC80 x SLN8 - 70	118	70	18	-	35	35	8	28	M8	2.10
5144-653-010-070	PSC80 x SLN10 - 70	118	70	20	-	39	35	10	35	M10	2.20
5144-653-012-070	PSC80 x SLN12 - 70	118	70	22.5	-	44	35	12	42	M12	2.20
5144-653-014-070	PSC80 x SLN14 - 70	118	70	22.5	-	44	35	14	44	M12	2.30
5144-653-016-070	PSC80 x SLN16 - 70	118	70	24	-	47	35	16	48	M14	2.30
5144-653-018-070	PSC80 x SLN18 - 70	118	70	24	-	44	35	18	50	M14	2.30
5144-653-020-070	PSC80 x SLN20 - 70	118	70	25	-	49	37	20	52	M16	2.30
5144-653-025-090	PSC80 x SLN25 - 90	138	90	24	25	58	59	25	65	M18	2.40
5144-653-032-095	PSC80 x SLN32 - 95	143	95	24	28	63	63.5	32	72	M20	2.90
5144-653-040-110	PSC80 x SLN40 - 110	158	110	30	32	75	79.5	40	90	M20	4.50
5144-653-050-120	PSC80 x SLN50 - 120	168	120	35	35	78	90	50	98	M24	5.50
5146-653-020-090	PSC100 x SLN20 - 90	150	90	25	-	49	44	20	52	M16	3.91
5146-653-025-105	PSC100 x SLN25 - 105	165	105	24	25	58	64	25	65	M18	4.56
5146-653-032-110	PSC100 x SLN32 - 110	170	110	24	28	63	69	32	72	M20	4.93
5146-653-040-115	PSC100 x SLN40 - 115	175	115	30	32	75	78	40	90	M20	6.1
5146-653-050-120	PSC100 x SLN50 - 120	180	120	35	35	78	84	50	98	M24	6.4

Features:

- ▶ Internal hole tolerance: H5 (DIN-1835-B standard).
- ▶ The tolerance requirement of tool shank diameter is h6.
- ▶ Taking use of side lock screws to clamp tools with lateral flat surfaces. Good at heavy-duty machining.

Product information:

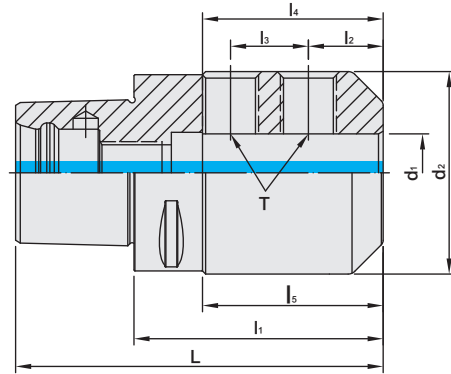
- ▶ The pre-balance reaches G6.3 10,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.

Coolant Supply Unit	Key	Lock Screw
		
P.X-78	P.X-78	P.X-124



PSC / SLN SIDE LOCK END MILL HOLDER

PSC / SLN 側固式立銑刀桿



INCHES

MODEL NO.	TYPE	L	l ₁	l ₂	l ₃	l ₄	l ₅	d ₁	d ₂	T	WEIGHT (KGS)
5140-653-A16-177	PSC32 x SLN1/4" - 1.77"	2.52	1.77	0.63	-	1.38	0.984	0.25	0.78	1/4 - 28	0.30
5140-653-A20-177	PSC32 x SLN5/16" - 1.77"	2.52	1.77	0.63	-	1.38	1.06	0.3125	0.88	5/16 - 24	0.30
5140-653-A24-197	PSC32 x SLN3/8" - 1.97"	2.72	1.97	0.75	-	1.38	1.34	0.375	1	3/8 - 24	0.40
5140-653-A32-217	PSC32 x SLN1/2" - 2.17"	2.91	2.17	0.875	-	1.732	1.57	0.5	1.25	7/16 - 20	0.30
5141-653-A16-197	PSC40 x SLN1/4" - 1.97"	2.91	1.97	0.63	-	1.38	0.984	0.25	0.78	1/4 - 28	0.40
5141-653-A20-197	PSC40 x SLN5/16" - 1.97"	2.91	1.97	0.6	-	1.38	1.06	0.3125	0.88	5/16 - 24	0.40
5141-653-A24-197	PSC40 x SLN3/8" - 1.97"	2.91	1.97	0.75	-	1.38	1.08	0.375	1	3/8 - 24	0.50
5141-653-A32-217	PSC40 x SLN1/2" - 2.17"	3.11	2.17	0.875	-	1.732	1.34	0.5	1.25	7/16 - 20	0.60
5141-653-A36-217	PSC40 x SLN9/16" - 2.17"	3.11	2.17	0.937	-	1.81	1.38	0.5625	1.75	1/2 - 20	0.60
5141-653-A40-217	PSC40 x SLN5/8" - 2.17"	3.11	2.17	0.937	-	1.73	1.34	0.625	1.5	1/2 - 20	0.70
5142-653-A16-200	PSC50 x SLN1/4" - 2"	3.18	2	0.63	-	1.38	1	0.25	0.78	1/4 - 28	0.60
5142-653-A20-200	PSC50 x SLN5/16" - 2"	3.18	2	0.6	-	1.38	1.02	0.3125	0.88	5/16 - 24	0.70
5142-653-A24-217	PSC50 x SLN3/8" - 2.17"	3.35	2.17	0.75	-	1.38	1.18	0.375	1	3/8 - 24	0.70
5142-653-A32-236	PSC50 x SLN1/2" - 2.36"	3.54	2.36	0.875	-	1.732	1.38	0.5	1.25	7/16 - 20	0.90
5142-653-A36-236	PSC50 x SLN9/16" - 2.36"	3.54	2.36	0.937	-	1.77	1.46	0.5625	1.75	1/2 - 20	0.80
5142-653-A40-236	PSC50 x SLN5/8" - 2.36"	3.54	2.36	0.937	-	1.69	1.46	0.625	1.5	1/2 - 20	1.00
5142-653-A48-236	PSC50 x SLN3/4" - 2.36"	3.54	2.36	1	-	1.69	1.53	0.75	1.75	5/8 - 18	1.00
5142-653-A64-315	PSC50 x SLN1" - 3.15"	4.33	3.15	1.125	1	2.559	2.36	1	2	3/4 - 16	1.00
5143-653-A16-217	PSC63 x SLN1/4" - 2.17"	3.66	2.17	0.63	-	1.38	1.102	0.25	0.78	1/4 - 28	1.80
5143-653-A20-217	PSC63 x SLN5/16" - 2.17"	3.66	2.17	0.6	-	1.38	1.102	0.3125	0.88	5/16 - 24	0.90
5143-653-A24-236	PSC63 x SLN3/8" - 2.36"	3.86	2.36	0.75	-	1.38	1.299	0.375	1	3/8 - 24	0.90
5143-653-A32-236	PSC63 x SLN1/2" - 2.36"	3.86	2.36	0.875	-	1.732	1.299	0.5	1.25	7/16 - 20	1.00
5143-653-A36-236	PSC63 x SLN9/16" - 2.36"	3.86	2.36	0.937	-	1.85	1.338	0.5625	1.75	1/2 - 20	1.10
5143-653-A40-256	PSC63 x SLN5/8" - 2.56"	4.06	2.56	0.937	-	1.85	1.496	0.625	1.5	1/2 - 20	1.10
5143-653-A48-256	PSC63 x SLN3/4" - 2.56"	4.06	2.56	1	-	1.929	1.496	0.75	1.75	5/8 - 18	1.20
5143-653-A64-315	PSC63 x SLN1" - 3.15"	4.65	3.15	1.125	-	2.559	2.283	1	2	3/4 - 16	1.20
5143-653-A72-354	PSC63 x SLN1-1/4" - 3.54"	5.04	3.54	1.125	1	2.559	2.677	1.25	2.5	3/4 - 16	1.50
5143-653-A80-394	PSC63 x SLN1-1/2" - 3.94"	5.43	3.94	1.125	1	2.56	3.07	1.5	2.5	3/4 - 16	1.90

Features:

- ▶ Internal hole tolerance: H5 (DIN-1835-B standard).
- ▶ The tolerance requirement of tool shank diameter is h6.
- ▶ Taking use of side lock screws to clamp tools with lateral flat surfaces. Good at heavy-duty machining.

Product information:

- ▶ The pre-balance reaches G6.3 10,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.

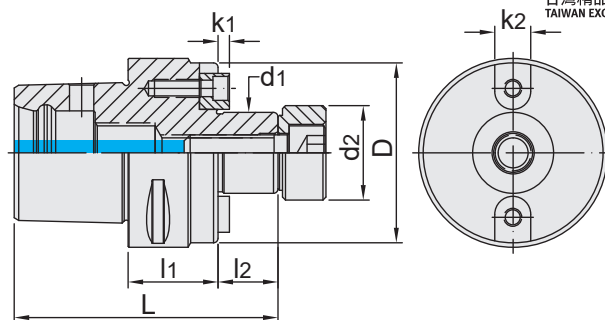
Coolant Supply Unit	Key	Lock Screw
		
P.X-78	P.X-78	P.X-124



PSC FACE MILL ARBOR

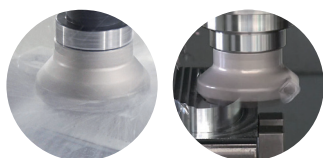
FMA TYPE

PSC / FMA 平面銑刀桿

台灣精品 2012
TAIWAN EXCELLENCE

INCHES

MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	D	k ₁	k ₂	WEIGHT (KGS)
5142-151-A48-150	PSC50 x FMA3/4" - 1.5"	3.37	1.5	0.69	0.75	0.875	1.69	0.16	0.31	0.50
5142-151-A64-157	PSC50 x FMA1" - 1.57"	3.44	1.57	0.69	1	1.187	2.19	0.2	0.375	0.80
5143-151-A64-200	PSC63 x FMA1" - 2"	4.18	2	0.69	1	1.187	2.19	0.2	0.375	0.90
5143-151-A72-200	PSC63 x FMA1-1/4" - 2"	4.18	2	0.69	1.25	1.5	2.75	0.24	0.5	1.00
5143-151-A80-200	PSC63 x FMA1-1/2" - 2"	4.48	2	0.98	1.5	1.75	2.95	0.31	0.63	1.60
5144-151-A48-118	PSC80 x FMA3/4" - 1.18"	3.76	1.18	0.69	0.75	0.875	3.15	0.19	0.31	1.70
5144-151-A64-118	PSC80 x FMA1" - 1.18"	3.76	1.18	0.69	1	1.187	3.15	0.19	0.375	1.80
5144-151-A72-118	PSC80 x FMA1-1/4" - 1.18"	3.76	1.18	0.69	1.25	1.5	3.15	0.25	0.5	2.00
5144-151-A80-236	PSC80 x FMA1-1/2" - 2.36"	5.24	2.36	0.99	1.5	1.75	2.95	0.32	0.63	2.10

**Features:**

- ▶ Tolerance of d₁ the connection part with cutter: h6, which is good for less chatter and longer cutter life.
- ▶ Standard screw attached is w/o coolant hole.
- ▶ To use with face mill cutters with coolant holes, the standard screw has to be changed into the screw with coolant flute, which is available to order separately.

Product information:

- ▶ The pre-balance reaches G6.3 10,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.

Coolant Supply Unit	Key	Screw
		
P.X-78	P.X-78	P.X-124



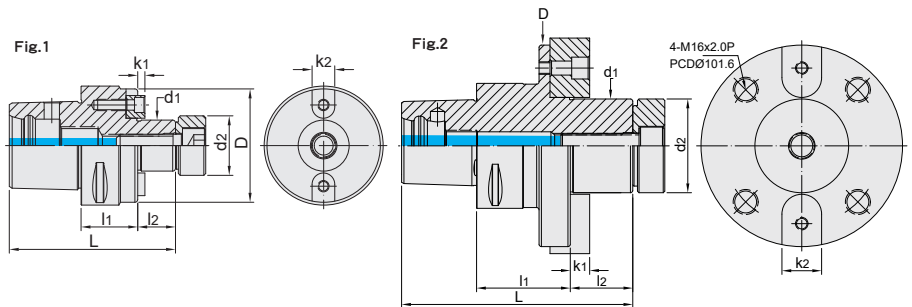
PSC FACE MILL ARBOR

FMB TYPE

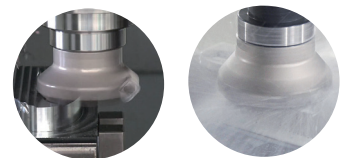
PSC / FMB 平面銑刀桿



PSC



MODEL NO.	TYPE	L	l ₁	l ₂	D	d ₁	d ₂	k ₁	k ₂	Fig	WEIGHT (KGS)
5140-153-016-030	PSC32 x FMB16 - 30	66	30	17	32	16	-	5	8	1	0.30
5141-153-016-032	PSC40 x FMB16 - 32	73	32	17	34	16	-	5	8	1	0.30
5141-153-016-055	PSC40 x FMB16 - 55	96	55	17	34	16	-	5	8	1	0.40
5141-153-022-025	PSC40 x FMB22 - 25	68	25	19	40	22	26	5	10	1	0.40
5141-153-022-055	PSC40 x FMB22 - 55	98	55	19	48	22	26	5	10	1	0.70
5142-153-016-035	PSC50 x FMB16 - 35	82	35	17	34	16	-	5	8	1	0.60
5142-153-016-070	PSC50 x FMB16 - 70	117	70	17	34	16	-	5	8	1	0.70
5142-153-022-025	PSC50 x FMB22 - 25	74	25	19	48	22	26	4.8	10	1	0.60
5142-153-022-070	PSC50 x FMB22 - 70	119	70	19	48	22	26	5	10	1	1.00
5142-153-027-025	PSC50 x FMB27 - 25	75	25	20	50	27	31.5	5	12	1	0.70
5142-153-032-040	PSC50 x FMB32 - 40	92	40	22	63	32	41	7	14	1	1.20
5143-153-016-040	PSC63 x FMB16 - 40	95	40	17	34	16	-	5	8	1	0.90
5143-153-022-040	PSC63 x FMB22 - 40	97	40	19	48	22	26	4.8	10	1	0.90
5143-153-027-030	PSC63 x FMB27 - 30	88	30	20	60	27	31.5	5.8	12	1	1.00
5143-153-032-045	PSC63 x FMB32 - 45	105	45	22	78	32	41	6.8	14	1	1.60
5143-153-040-045	PSC63 x FMB40 - 45	108	45	25	80	40	48	8	16	1	1.60
5144-153-016-050	PSC80 x FMB16 - 50	115	50	17	34	16	-	5	8	1	1.80
5144-153-022-030	PSC80 x FMB22 - 30	97	30	19	80	22	26	5	10	1	1.80
5144-153-027-030	PSC80 x FMB27 - 30	98	30	20	80	27	31.5	5.8	12	1	2.00
5144-153-032-030	PSC80 x FMB32 - 30	100	30	22	80	32	41	7	14	1	2.10
5144-153-040-030	PSC80 x FMB40 - 30	103	30	25	80	40	48	8	16	1	2.10
5144-156-060-060	PSC80 x FS60 - 60	148	60	40	129	60	-	12.4	25.4	2	5.30
5145-153-040-040	PSC80X x FMB40 - 40	113	40	25	80	40	48	8	16	1	3.20
5145-156-060-070	PSC80X x FS60 - 70	158	70	40	129	60	-	12.4	25.4	2	6.90



Features:

- Tolerance of d₁ the connection part with cutter: h6, which is good for less chatter and longer cutter life.
- Standard screw attached is w/o coolant hole.
- To use with face mill cutters with coolant holes, the standard screw has to be changed into the screw with coolant flute, which is available to order separately.

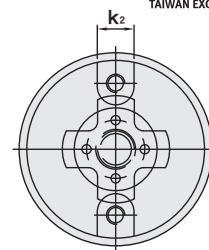
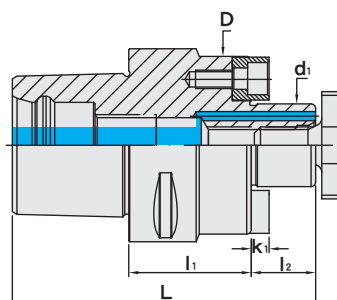
Coolant Supply Unit	Key	Screw
P.X-78	P.X-78	P.X-124



PSC FACE MILL ARBOR

FMC TYPE

PSC / FMC 平面銑刀桿

台灣精品 2012
TAIWAN EXCELLENCE

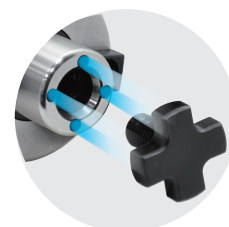
MODEL NO.	TYPE	L	l ₁	l ₂	D	d ₁	k ₁	k ₂	WEIGHT (KGS)
5140-157-016-030	PSC32 x FMC16 - 30	66	30	17	38	16	5	8	0.30
5141-157-016-035	PSC40 x FMC16 - 35	76	35	17	38	16	5	8	0.30
5141-157-022-040	PSC40 x FMC22 - 40	83	40	19	48	22	4.8	10	0.60
5142-157-016-035	PSC50 x FMC16 - 35	82	35	17	38	16	5	8	0.70
5142-157-022-040	PSC50 x FMC22 - 40	89	40	19	48	22	4.8	10	0.60
5142-157-027-040	PSC50 x FMC27 - 40	90	40	20	58	27	5.8	12	0.70
5142-157-032-040	PSC50 x FMC32 - 40	92	40	22	78	32	6.8	14	1.20
5143-157-016-035	PSC63 x FMC16 - 35	90	35	17	38	16	5	8	0.90
5143-157-022-040	PSC63 x FMC22 - 40	97	40	19	48	22	4.8	10	0.90
5143-157-027-040	PSC63 x FMC27 - 40	98	40	20	58	27	5.8	12	0.90
5143-157-032-040	PSC63 x FMC32 - 40	100	40	22	78	32	6.8	14	1.00
5143-157-040-045	PSC63 x FMC40 - 45	108	45	25	89	40	7.9	16	1.60
5144-157-027-050	PSC80 x FMC27 - 50	118	50	20	58	27	5.8	12	1.80
5144-157-032-050	PSC80 x FMC32 - 50	120	50	22	78	32	6.8	14	2.00
5144-157-040-055	PSC80 x FMC40 - 55	128	55	25	89	40	7.9	16	2.10
5146-157-022-075	PSC100 x FMC22 - 75	154	75	19	48	22	4.8	10	4.70
5146-157-027-075	PSC100 x FMC27 - 75	155	75	20	58	27	5.8	12	4.80
5146-157-032-075	PSC100 x FMC32 - 75	157	75	22	78	32	6.8	14	5.30
5146-157-040-075	PSC100 x FMC40 - 75	160	75	25	89	40	7.9	16	5.50

Features:

- ▶ With four coolant holes on the face of tool holder to match with face mill cutters with coolant holes.
- ▶ Tolerance of d₁ the connection part with cutter: h6, which is good for less chatter and longer cutter life

Standard Accessory: • NUT • SPANNER

Coolant Supply Unit	Key	Nut	Spanner
P.X-78	P.X-78	P.X-80	P.X-80



PSC / STA SYNCHRONIZED TAPPING HOLDER

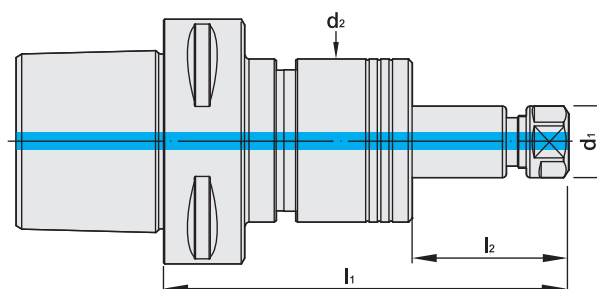


PSC / STA 同步補償攻牙刀桿

〔PRO-E TYPE〕



TW PAT NO. I615223
 US PAT NO. 9796059
 CN PAT NO. ZL201620889099.X
 IT PAT NO. 202023000000993



MODEL NO.	TYPE	l ₁	l ₂	d ₁	d ₂	COMBINATION		WEIGHT (KGS)
						BODY	TAP ADAPTER	
5141-S11-011-095	PSC40 x STA11M - 95	95	30	16	42	PSC40 x STA1	STA1 - PRO-E11M - 30	0.68
5141-757-016-090	PSC40 x STA16P - 90	90	25	30	42	PSC40 x STA1	STA1 - PRO-E16 - 25	0.66
5141-757-016-135	PSC40 x STA16P - 135	135	70	30	42	PSC40 x STA1	STA1 - PRO-E16 - 70	0.78
5141-757-016-215	PSC40 x STA16P - 215	215	150	30	42	PSC40 x STA1	STA1 - PRO-E16 - 150	0.99
5141-757-020-099	PSC40 x STA20P - 99	99	34	35	42	PSC40 x STA1	STA1 - PRO-E20 - 34	0.71
5141-757-020-135	PSC40 x STA20P - 135	135	70	35	42	PSC40 x STA1	STA1 - PRO-E20 - 70	0.84
5142-S11-011-110	PSC50 x STA11M - 110	110	30	16	42	PSC50 x STA1	STA1 - PRO-E11M - 30	1.60
5142-757-016-105	PSC50 x STA16P - 105	105	25	30	42	PSC50 x STA1	STA1 - PRO-E16 - 25	1.58
5142-757-016-150	PSC50 x STA16P - 150	150	70	30	42	PSC50 x STA1	STA1 - PRO-E16 - 70	1.70
5142-757-016-230	PSC50 x STA16P - 230	230	150	30	42	PSC50 x STA1	STA1 - PRO-E16 - 150	1.91
5142-757-020-114	PSC50 x STA20P - 114	114	34	35	42	PSC50 x STA1	STA1 - PRO-E20 - 34	1.63
5142-757-020-150	PSC50 x STA20P - 150	150	70	35	42	PSC50 x STA1	STA1 - PRO-E20 - 70	1.76
5143-S11-011-090	PSC63 x STA11M - 90	90	30	16	42	PSC63 x STA1	STA1 - PRO-E11M - 30	1.72
5143-757-016-085	PSC63 x STA16P - 85	85	25	30	42	PSC63 x STA1	STA1 - PRO-E16 - 25	1.70
5143-757-016-130	PSC63 x STA16P - 130	130	70	30	42	PSC63 x STA1	STA1 - PRO-E16 - 70	1.82
5143-757-016-210	PSC63 x STA16P - 210	210	150	30	42	PSC63 x STA1	STA1 - PRO-E16 - 150	2.03
5143-757-020-094	PSC63 x STA20P - 94	94	34	35	42	PSC63 x STA1	STA1 - PRO-E20 - 34	1.75
5143-757-020-130	PSC63 x STA20P - 130	130	70	35	42	PSC63 x STA1	STA1 - PRO-E20 - 70	1.88
5143-757-025-115	PSC63 x STA25P - 115	115	35	42	58	PSC63 x STA2	STA2 - PRO-E25 - 35	2.64
5143-757-032-120	PSC63 x STA32P - 120	120	40	50	58	PSC63 x STA2	STA2 - PRO-E32 - 40	2.73
5143-757-032-150	PSC63 x STA32P - 150	150	70	50	58	PSC63 x STA2	STA2 - PRO-E32 - 70	2.94

Features:

- ▶ Internal steel component allows the micro-compensation for the misfeed of spindle ballscrew and overload. Improve tapping quality and tap life. Optimum male and female threaded fitting is achieved due to the premium design!
- ▶ To prevent from interfering, the longer adapter can be custom-made.
- ▶ Coolant-through is available with coolant pressure up to 70 bar. STA has long use life even the synchronized micro-compensation mechanism is used at high coolant pressure..
- ▶ Modular design to meet more diverse demand.
- ▶ One of SYIC products patented by US invention.

Application:

- ▶ Ideal for everyday tapping, high speed and high production tapping for modern CNC machines capable of rigid tapping.
- ▶ Also ideal for high-end tapping applications in modern CNC machines (small taps or difficult materials resulting in high torque loads).

Standard Accessory: • NUT

Collet	Nut	Coolant Supply Unit	Key	Spanner	Tap Adapter For STA
P.X-19~44	P.X-61	P.X-78	P.X-78	P.X-81,83~84,91	P.X-111



PSC / STA SYNCHRONIZED TAPPING HOLDER

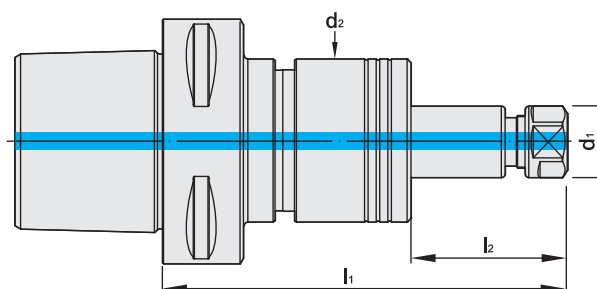


PSC / STA 同步補償攻牙刀桿

〔PRO-E TYPE〕



TW PAT NO. I615223
 US PAT NO. 9796059
 CN PAT NO. ZL201620889099.X
 IT PAT NO. 202023000000993



MODEL NO.	TYPE	l ₁	l ₂	d ₁	d ₂	COMBINATION		WEIGHT (KGS)
						BODY	TAP ADAPTER	
5144-S11-011-095	PSC80 x STA11M - 95	95	30	16	42	PSC63 x STA1	STA1 - PRO-E11M - 30	3.14
5144-757-016-090	PSC80 x STA16P - 90	90	25	30	42	PSC80 x STA1	STA1 - PRO-E16 - 25	3.12
5144-757-016-135	PSC80 x STA16P - 135	135	70	30	42	PSC80 x STA1	STA1 - PRO-E16 - 70	3.24
5144-757-016-215	PSC80 x STA16P - 215	215	150	30	42	PSC80 x STA1	STA1 - PRO-E16 - 150	3.45
5144-757-020-099	PSC80 x STA20P - 99	99	34	35	42	PSC80 x STA1	STA1 - PRO-E20 - 34	3.17
5144-757-020-135	PSC80 x STA20P - 135	135	70	35	42	PSC80 x STA1	STA1 - PRO-E20 - 70	3.30
5144-757-025-120	PSC80 x STA25P - 120	120	35	42	58	PSC80 x STA2	STA2 - PRO-E25 - 35	3.54
5144-757-032-125	PSC80 x STA32P - 125	125	40	50	58	PSC80 x STA2	STA2 - PRO-E32 - 40	3.63
5144-757-032-155	PSC80 x STA32P - 155	155	70	50	58	PSC80 x STA2	STA2 - PRO-E32 - 70	3.84

Features:

- ▶ Internal steel component allows the micro-compensation for the misfeed of spindle ballscrew and overload. Improve tapping quality and tap life. Optimum male and female threaded fitting is achieved due to the premium design!
- ▶ To prevent from interfering, the longer adapter can be custom-made.
- ▶ Coolant-through is available with coolant pressure up to 70 bar. STA has long use life even the synchronized micro-compensation mechanism is used at high coolant pressure..
- ▶ Modular design to meet more diverse demand.
- ▶ One of SYIC products patented by US invention.

Application:

- ▶ Ideal for everyday tapping, high speed and high production tapping for modern CNC machines capable of rigid tapping.
- ▶ Also ideal for high-end tapping applications in modern CNC machines (small taps or difficult materials resulting in high torque loads).

Standard Accessory: • NUT

Collet	Nut	Coolant Supply Unit	Key	Spanner	Tap Adapter For STA
P.X-19~44	P.X-61	P.X-78	P.X-78	P.X-81,83~84,91	P.X-111



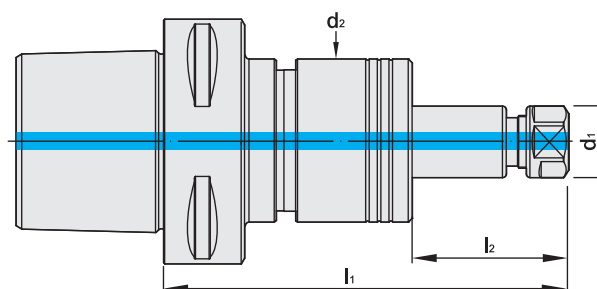
PSC / STA SYNCHRONIZED TAPPING HOLDER



PSC / STA 同步補償攻牙刀桿

[ER TYPE]

TW PAT NO. I615223
J P PAT NO. 3203456
D E PAT NO. 202016100106
U S PAT NO. 9796059
C N PAT NO. ZL201620889099.X



MODEL NO.	TYPE	l ₁	l ₂	d ₁	d ₂	COMBINATION		WEIGHT (KGS)
						BODY	TAP ADAPTER	
5141-S22-011-130	PSC40 x STA11E - 130	130	70	19	42	PSC40 x STA1	STA1 - ER11A - 70	1.56
5141-S22-016-085	PSC40 x STA16E - 85	85	25	28	42	PSC40 x STA1	STA1 - ER16A - 25	1.30
5141-S22-016-130	PSC40 x STA16E - 130	130	70	28	42	PSC40 x STA1	STA1 - ER16A - 70	1.50
5141-S22-016-210	PSC40 x STA16E - 210	210	150	28	42	PSC40 x STA1	STA1 - ER16A - 150	1.83
5141-S22-020-094	PSC40 x STA20E - 94	94	34	34	42	PSC40 x STA1	STA1 - ER20A - 34	1.34
5141-S22-020-130	PSC40 x STA20E - 130	130	70	34	42	PSC40 x STA1	STA1 - ER20A - 70	1.50
5142-S22-011-150	PSC50 x STA11E - 150	150	70	19	42	PSC50 x STA1	STA1 - ER11A - 70	1.79
5142-S22-016-105	PSC50 x STA16E - 105	105	25	28	42	PSC50 x STA1	STA1 - ER16A - 25	1.53
5142-S22-016-150	PSC50 x STA16E - 150	150	70	28	42	PSC50 x STA1	STA1 - ER16A - 70	1.73
5142-S22-016-230	PSC50 x STA16E - 230	230	150	28	42	PSC50 x STA1	STA1 - ER16A - 150	2.06
5142-S22-020-114	PSC50 x STA20E - 114	114	34	34	42	PSC50 x STA1	STA1 - ER20A - 34	1.57
5142-S22-020-150	PSC50 x STA20E - 150	150	70	34	42	PSC50 x STA1	STA1 - ER20A - 70	1.73
5143-S22-011-130	PSC63 x STA11E - 130	130	70	19	42	PSC63 x STA1	STA1 - ER11A - 70	1.91
5143-S22-016-085	PSC63 x STA16E - 85	85	25	28	42	PSC63 x STA1	STA1 - ER16A - 25	1.65
5143-S22-016-130	PSC63 x STA16E - 130	130	70	28	42	PSC63 x STA1	STA1 - ER16A - 70	1.85
5143-S22-016-210	PSC63 x STA16E - 210	210	150	28	42	PSC63 x STA1	STA1 - ER16A - 150	2.18
5143-S22-020-094	PSC63 x STA20E - 94	94	34	34	42	PSC63 x STA1	STA1 - ER20A - 34	1.69
5143-S22-020-130	PSC63 x STA20E - 130	130	70	34	42	PSC63 x STA1	STA1 - ER20A - 70	1.85
5143-S22-032-120	PSC63 x STA32E - 120	120	40	50	58	PSC63 x STA2	STA2 - ER32 - 40	2.65
5143-S22-032-150	PSC63 x STA32E - 150	150	70	50	58	PSC63 x STA2	STA2 - ER32 - 70	2.88
5144-S22-011-135	PSC80 x STA11E - 135	135	70	19	42	PSC80 x STA1	STA1 - ER11A - 70	3.33
5144-S22-016-090	PSC80 x STA16E - 90	90	25	28	42	PSC80 x STA1	STA1 - ER16A - 25	3.07
5144-S22-016-135	PSC80 x STA16E - 135	135	70	28	42	PSC80 x STA1	STA1 - ER16A - 70	3.27
5144-S22-016-215	PSC80 x STA16E - 215	215	150	28	42	PSC80 x STA1	STA1 - ER16A - 150	3.60
5144-S22-020-099	PSC80 x STA20E - 99	99	34	34	42	PSC80 x STA1	STA1 - ER20A - 34	3.11
5144-S22-020-135	PSC80 x STA20E - 135	135	70	34	42	PSC80 x STA1	STA1 - ER20A - 70	3.27
5144-S22-032-125	PSC80 x STA32E - 125	125	40	50	58	PSC80 x STA2	STA2 - ER32 - 40	3.55
5144-S22-032-155	PSC80 x STA32E - 155	155	70	50	58	PSC80 x STA2	STA2 - ER32 - 70	3.78

Features:

- ▶ Internal steel component allows the micro-compensation for the misfeed of spindle ballscrew and overload. Improve tapping quality and tap life. Optimum male and female threaded fitting is achieved due to the premium design!
- ▶ To prevent from interfering, the longer adapter can be custom-made.
- ▶ Coolant-through is available with coolant pressure up to 70 bar. STA has long use life even the synchronized micro-compensation mechanism is used at high coolant pressure..
- ▶ Modular design to meet more diverse demand.
- ▶ One of SYIC products patented by US invention.

Application:

- ▶ Ideal for everyday tapping, high speed and high production tapping for modern CNC machines capable of rigid tapping.
- ▶ Also ideal for high-end tapping applications in modern CNC machines (small taps or difficult materials resulting in high torque loads).

Standard Accessory: • NUT

Collet	Nut	Coolant Supply Unit	Key	Spanner	Tap Adapter For STA
P.X-19~44	P.X-63,65~67	P.X-78	P.X-78	P.X-81~82,87~88	P.X-110

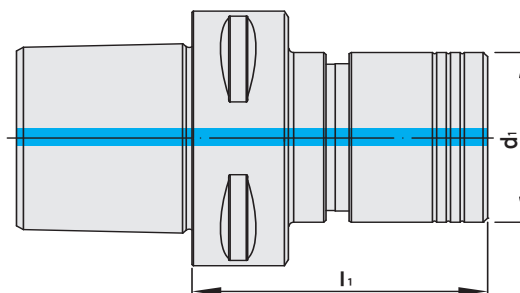


PSC / STA SYNCHRONIZED TAPPING HOLDER BODY

PSC / STA 同步補償攻牙刀桿本體



TW PAT NO. I615223
 JP PAT NO. 3203456
 DE PAT NO. 202016100106
 US PAT NO. 9796059
 CN PAT NO. ZL201620889099.X



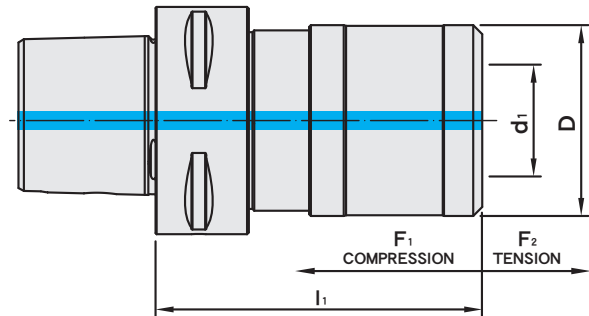
MODEL NO.	TYPE	l_1	d_1	STA NO.	WEIGHT (KGS)
5141-795-001-060	PSC40 x STA1 - 60	60	42	1	0.52
5141-795-001-065	PSC40 x STA1 - 65	65	42	1	0.51
5142-795-001-080	PSC50 x STA1 - 80	80	42	1	1.43
5143-795-001-060	PSC63 x STA1 - 60	60	42	1	1.55
5143-795-002-080	PSC63 x STA2 - 80	80	58	2	2.21
5144-795-001-065	PSC80 x STA1 - 65	65	42	1	2.97
5144-795-002-085	PSC80 x STA2 - 85	85	58	2	3.11

PSC / QTC QUICK CHANGE TAPPING CHUCK

With length compensation on tension and compression

PSC

PSC / QTC 快換式扭力攻牙刀桿 [伸縮緩衝型]



MODEL NO.	TYPE	TAPPING COLLET	TAPPING CAPACITY	COMPENSATION		l ₁	D	d ₁	WEIGHT (KGS)
				F ₁	F ₂				
5140-580-001-080	PSC32 x QTC1 - 80	TCS - 1B	M3 - M14	7.5	7.5	80	36	19	0.4
5141-580-001-080	PSC40 x QTC1 - 80	TCS - 1B	M3 - M14	7.5	7.5	80	36	19	0.7
5141-580-002-110	PSC40 x QTC2 - 110	TCS - 2B	M8 - M24	12.5	12.5	110	53	31	1.3
5142-580-001-080	PSC50 x QTC1 - 80	TCS - 1B	M3 - M14	7.5	7.5	80	36	19	1.0
5142-580-002-115	PSC50 x QTC2 - 115	TCS - 2B	M8 - M24	12.5	12.5	115	53	31	1.7
5143-580-001-090	PSC63 x QTC1 - 90	TCS - 1B	M3 - M14	7.5	7.5	90	36	19	1.3
5143-580-002-120	PSC63 x QTC2 - 120	TCS - 2B	M8 - M24	12.5	12.5	120	53	31	2.4
5143-580-003-170	PSC63 x QTC3 - 170	TCS - 3B	M14 - M36	20	20	170	78	48	3.4
5144-580-001-085	PSC80 x QTC1 - 85	TCS - 1B	M3 - M14	7.5	7.5	85	36	19	2.4
5144-580-002-110	PSC80 x QTC2 - 110	TCS - 2B	M8 - M24	12.5	12.5	110	53	31	3.3
5144-580-003-160	PSC80 x QTC3 - 160	TCS - 3B	M14 - M36	20	20	160	78	48	3.7

Features:

- ▶ Quick and easy tool change in seconds!
- ▶ Absorb any inaccuracies between the rotating spindle and the moving Z-axis, increasing tap life and the improving tapping quality.
- ▶ Most commonly used for old CNC machines without rigid tapping. The length compensation prevents oversized threads and helps prevent tap breakage from excessive torque or over travel when the tap hits the bottom of the hole.

Synchronized Tapping Holder:

- ▶ Ideal for everyday tapping, high speed and high production tapping for modern CNC machines capable of rigid tapping.
- ▶ Also ideal for high-end tapping applications in modern CNC machines, such as: small taps or difficult materials resulting in high torque loads.

Tapping Collet	Coolant Supply Unit	Key
		
P.A-58~60	P.X-78	P.X-78

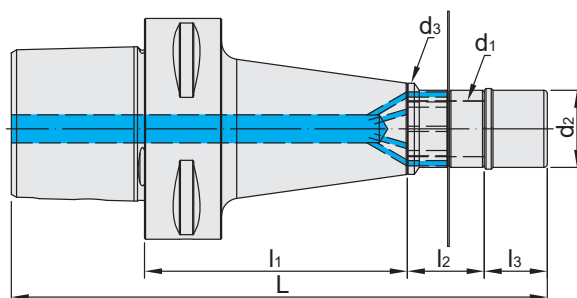


PSC / SCA-C SIDE CUTTER ADAPTER COOLANT TYPE

PSC / SCA-C 側銑刀桿 [給水型]



TW PAT NO. M560959
CN PAT NO. ZL201820326653.2



MODEL NO.	TYPE	L	l ₁	l ₂	l ₃	d ₁	d ₂	d ₃	WEIGHT (KGS)
5141-841-A32-295	PSC40 x SCA12.7C - 75	139	75	22	18	12.7	19.5	24	0.59
5141-841-A40-295	PSC40 x SCA15.875C - 75	139	75	22	18	15.875	22	26	0.65
5141-841-A56-295	PSC40 x SCA22.225C - 75	143	75	22	22	22.225	28	32	0.83
5142-841-A32-295	PSC50 x SCA12.7C - 75	145	75	22	18	12.7	19.5	24	0.84
5142-841-A40-295	PSC50 x SCA15.875C - 75	145	75	22	18	15.875	22	26	0.91
5142-841-A56-295	PSC50 x SCA22.225C - 75	149	75	22	22	22.225	28	32	1.05
5143-841-A32-236	PSC63 x SCA12.7C - 60	138	60	22	18	12.7	19.5	24	1.04
5143-841-A32-354	PSC63 x SCA12.7C - 90	168	90	22	18	12.7	19.5	24	1.31
5143-841-A40-295	PSC63 x SCA15.875C - 75	153	75	22	18	15.875	22	26	1.22
5143-841-A40-413	PSC63 x SCA15.875C - 105	183	105	22	18	15.875	22	26	1.57
5143-841-A56-295	PSC63 x SCA22.225C - 75	157	75	22	22	22.225	28	32	1.46
5143-841-A56-472	PSC63 x SCA22.225C - 120	202	120	22	22	22.225	28	32	1.85
5143-841-A64-236	PSC63 x SCA25.4C - 75	159	75	22	24	25.4	33	38	1.72
5143-841-A64-236	PSC63 x SCA25.4C - 120	204	120	22	24	25.4	33	38	2.24
5143-841-A64-354	PSC63 x SCA31.75C - 90	176	90	22	26	31.75	40	42	2.11
5146-841-A32-295	PSC100 x SCA12.7C - 75	175	75	22	18	12.7	19.5	24	3.53
5146-841-A32-413	PSC100 x SCA12.7C - 105	205	105	22	18	12.7	19.5	24	3.80
5146-841-A40-354	PSC100 x SCA15.875C - 90	190	90	22	18	15.875	22	26	3.71
5146-841-A40-472	PSC100 x SCA15.875C - 120	220	120	22	18	15.875	22	26	4.08
5146-841-A56-354	PSC100 x SCA22.225C - 90	194	90	22	22	22.225	28	32	3.96
5146-841-A56-531	PSC100 x SCA22.225C - 135	239	135	22	22	22.225	28	32	4.73
5146-841-A64-354	PSC100 x SCA25.4C - 90	196	90	22	24	25.4	33	38	4.22
5146-841-A64-531	PSC100 x SCA25.4C - 135	241	135	22	24	25.4	33	38	5.17
5146-841-A64-354	PSC100 x SCA31.75C - 90	198	90	22	26	31.75	40	42	4.50
5146-841-A64-531	PSC100 x SCA31.75C - 135	243	135	22	26	31.75	40	42	5.59



Coolant Supply Unit	Key	Spanner
		
P.X-78	P.X-78	P.X-81,83~84,91



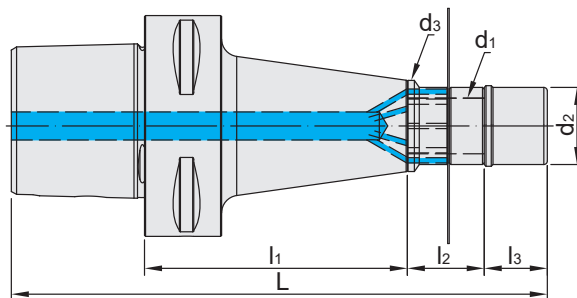
PSC / SCA-C SIDE CUTTER ADAPTER COOLANT TYPE

PSC

PSC / SCA-C 側銑刀桿 [給水型]



TW PAT NO. M560959
CN PAT NO. ZL201820326653.2



MODEL NO.	TYPE	L	l ₁	l ₂	l ₃	d ₁	d ₂	d ₃	WEIGHT (KGS)
5141-841-013-075	PSC40 x SCA13C - 75	139	75	22	18	13	19.5	24	0.59
5141-841-016-075	PSC40 x SCA16C - 75	139	75	22	18	16	22	26	0.65
5141-841-022-075	PSC40 x SCA22C - 75	143	75	22	22	22	28	32	0.83
5142-841-013-075	PSC50 x SCA13C - 75	145	75	22	18	13	19.5	24	0.84
5142-841-016-075	PSC50 x SCA16C - 75	145	75	22	18	16	22	26	0.91
5142-841-022-075	PSC50 x SCA22C - 75	149	75	22	22	22	28	32	1.05
5143-841-013-060	PSC63 x SCA13C - 60	138	60	22	18	13	19.5	24	1.04
5143-841-013-090	PSC63 x SCA13C - 90	168	90	22	18	13	19.5	24	1.31
5143-841-016-075	PSC63 x SCA16C - 75	153	75	22	18	16	22	26	1.22
5143-841-016-105	PSC63 x SCA16C - 105	183	105	22	18	16	22	26	1.58
5143-841-022-075	PSC63 x SCA22C - 75	157	75	22	22	22	28	32	1.46
5143-841-022-120	PSC63 x SCA22C - 120	202	120	22	22	22	28	32	1.85
5143-841-027-075	PSC63 x SCA27C - 75	159	75	22	24	27	33	38	1.72
5143-841-027-120	PSC63 x SCA27C - 120	204	120	22	24	27	33	38	2.25
5143-841-032-090	PSC63 x SCA32C - 90	176	90	22	26	32	40	42	2.11
5146-841-013-075	PSC100 x SCA13C - 75	175	75	22	18	13	19.5	24	3.53
5146-841-013-105	PSC100 x SCA13C - 105	205	105	22	18	13	19.5	24	3.80
5146-841-016-090	PSC100 x SCA16C - 90	190	90	22	18	16	22	26	3.72
5146-841-016-120	PSC100 x SCA16C - 120	220	120	22	18	16	22	26	4.08
5146-841-022-090	PSC100 x SCA22C - 90	194	90	22	22	22	28	32	3.96
5146-841-022-135	PSC100 x SCA22C - 135	239	135	22	22	22	28	32	4.72
5146-841-027-090	PSC100 x SCA27C - 90	196	90	22	24	27	33	38	4.22
5146-841-027-135	PSC100 x SCA27C - 135	241	135	22	24	27	33	38	5.17
5146-841-032-090	PSC100 x SCA32C - 90	198	90	22	26	32	40	42	4.51
5146-841-032-135	PSC100 x SCA32C - 135	243	135	22	26	32	40	42	5.59



Coolant Supply Unit	Key	Spanner
		
P.X-78	P.X-78	P.X-81,83~84,91

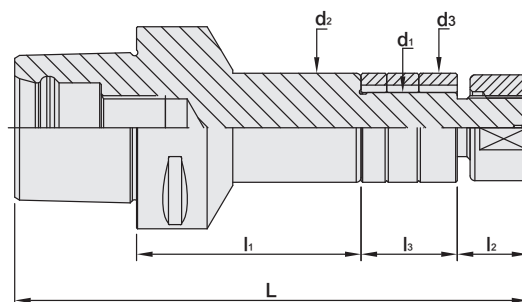


PSC / SCA SIDE CUTTER ADAPTER

PSC / SCA 側銑刀桿



台灣精品 2012
TAIWAN EXCELLENCE



MODEL NO.	TYPE	L	l ₁	l ₂	l ₃	d ₁	d ₂	d ₃	WEIGHT (KGS)
5140-649-016-020	PSC32 x SCA16 - 20	85	20	16	30	16	26	26	0.20
5141-649-016-025	PSC40 x SCA16 - 25	95	25	16	30	16	26	26	0.30
5141-649-022-025	PSC40 x SCA22 - 25	101	25	22	30	22	34	34	0.40
5141-649-027-025	PSC40 x SCA27 - 25	107	25	28	30	27	41	40	0.60
5142-649-016-025	PSC50 x SCA16 - 25	101	25	16	30	16	26	26	0.60
5142-649-022-025	PSC50 x SCA22 - 25	107	25	22	30	22	34	34	0.70
5142-649-027-025	PSC50 x SCA27 - 25	113	25	28	30	27	41	40	0.80
5142-649-032-025	PSC50 x SCA32 - 25	117	25	32	30	32	47	46	0.90
5143-649-016-060	PSC63 x SCA16 - 60	144	60	16	30	16	26	26	0.90
5143-649-022-070	PSC63 x SCA22 - 70	160	70	22	30	22	34	34	1.00
5143-649-027-090	PSC63 x SCA27 - 90	186	90	28	30	27	41	40	1.20
5143-649-032-085	PSC63 x SCA32 - 85	185	85	32	30	32	47	46	1.40
5144-649-016-040	PSC80 x SCA16 - 40	134	40	16	30	16	26	26	1.80
5144-649-022-040	PSC80 x SCA22 - 40	140	40	22	30	22	34	34	2.00
5144-649-027-030	PSC80 x SCA27 - 30	136	30	28	30	27	41	40	2.10
5144-649-032-030	PSC80 x SCA32 - 30	140	30	32	30	32	47	46	2.20
5144-649-040-030	PSC80 x SCA40 - 30	148	30	40	30	40	55	55	2.50

Features:

- Used with side milling cutter.
- Attached with a nut (DIN-2082-1) and bushes (DIN-2084-B).

Coolant Supply Unit	Key	Spanner
		
P.X-78	P.X-78	P.X-81,83~84,91



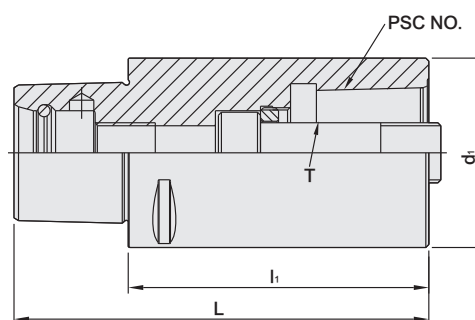
PSC EXTENSION ADAPTER

FOR SAME DIAMETER

PSC 等徑套筒



台灣精品 2012
TAIWAN EXCELLENCE



MODEL NO.	TYPE	PSC NO.	L	l ₁	d ₁	T	MAX. TORQUE		WEIGHT (KGS)
							Nm	ft-lbs	
5140-013-140-060	PSC32 x PSC32 - 60	PSC32	79	60	32	M12 x 1.5P	45	33	0.40
5140-013-140-080	PSC32 x PSC32 - 80	PSC32	99	80	32	M12 x 1.5P	45	33	0.50
5141-013-141-060	PSC40 x PSC40 - 60	PSC40	84	60	40	M14 x 1.5P	55	40	0.50
5141-013-141-080	PSC40 x PSC40 - 80	PSC40	104	80	40	M14 x 1.5P	55	40	0.70
5142-013-142-080	PSC50 x PSC50 - 80	PSC50	110	80	50	M16 x 1.5P	95	70	1.10
5142-013-142-100	PSC50 x PSC50 - 100	PSC50	130	100	50	M16 x 1.5P	95	70	1.40
5143-013-143-080	PSC63 x PSC63 - 80	PSC63	118	80	63	M20 x 2.0P	170	125	2.00
5143-013-143-100	PSC63 x PSC63 - 100	PSC63	138	100	63	M20 x 2.0P	170	125	2.20
5143-013-143-140	PSC63 x PSC63 - 140	PSC63	188	140	63	M20x2.0P	170	125	3.02
5143-013-143-200	PSC63 x PSC63 - 200	PSC63	248	200	63	M20x2.0P	170	125	4.40
5143-013-143-300	PSC63 x PSC63 - 300	PSC63	348	300	63	M20x2.0P	170	125	6.62
5144-013-144-065	PSC80 x PSC80 - 65	PSC80	113	65	80	M20 x 2.0P	170	125	3.10
5144-013-144-100	PSC80 x PSC80 - 100	PSC80	148	100	80	M20 x 2.0P	170	125	3.60
5144-013-144-125	PSC80 x PSC80 - 125	PSC80	173	125	80	M20 x 2.0P	170	125	4.60
5144-013-144-150	PSC80 x PSC80 - 150	PSC80	198	150	80	M20 x 2.0P	65	75	5.2
5145-013-145-100	PSC80X x PSC80X - 100	PSC80X	148	100	100	M20 x 2.0P	170	125	5.80
5146-013-146-200	PSC100 x PSC100 - 200	PSC100	260	200	100	M24 x 2.0P	380	277	10.6

Features:

- Convert the machine taper for use with different taper types or taper sizes of tool holders, or offer great flexibility by extending the tooling length.

Product information:

- marked model means only for segment clamping, not for bolt clamping.



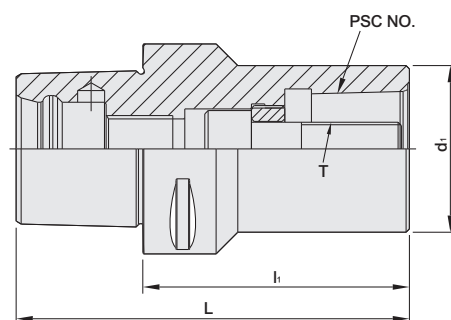
PSC EXTENSION ADAPTER

FOR DIFFERENT DIAMETER

PSC 異徑套筒



台灣精品 2012
TAIWAN EXCELLENCE



MODEL NO.	TYPE	NO.	L	l ₁	d ₁	T	MAX. TORQUE		WEIGHT (KGS)
							Nm	ft-lbs	
5141-013-140-055	PSC40 x PSC32 - 55	PSC32	79	55	32	M12 x 1.5P	45	33	0.50
5141-013-140-070	PSC40 x PSC32 - 70	PSC32	94	70	32	M12 x 1.5P	45	33	0.60
5142-013-140-060	PSC50 x PSC32 - 60	PSC32	90	60	32	M12 x 1.5P	45	33	0.60
5142-013-141-065	PSC50 x PSC40 - 65	PSC40	95	65	40	M14 x 1.5P	55	40	0.80
5142-013-141-085	PSC50 x PSC40 - 85	PSC40	115	85	40	M14 x 1.5P	55	40	1.10
5143-013-140-070	PSC63 x PSC32 - 70	PSC32	108	70	32	M12 x 1.5P	45	33	1.10
5143-013-141-080	PSC63 x PSC40 - 80	PSC40	118	80	40	M14 x 1.5P	55	40	1.20
5143-013-142-080	PSC63 x PSC50 - 80	PSC50	118	80	50	M16 x 1.5P	95	70	1.50
5143-013-142-110	PSC63 x PSC50 - 110	PSC50	148	110	50	M16 x 1.5P	95	70	2.20
5144-013-140-060	PSC80 x PSC32 - 60	PSC32	108	60	32	M12 x 1.5P	45	33	1.70
5144-013-141-070	PSC80 x PSC40 - 70	PSC40	118	70	40	M14 x 1.5P	55	40	1.90
5144-013-142-045	PSC80 x PSC50 - 45	PSC50	93	45	50	M16 x 1.5P	95	70	1.50
5144-013-142-080	PSC80 x PSC50 - 80	PSC50	128	80	50	M16 x 1.5P	95	70	2.20
5144-013-143-055	PSC80 x PSC63 - 55	PSC63	103	55	63	M20 x 2.0P	170	125	2.30
5144-013-143-080	PSC80 x PSC63 - 80	PSC63	128	80	63	M20 x 2.0P	170	125	2.50
5144-013-143-120	PSC80 x PSC63 - 120	PSC63	168	120	63	M20 x 2.0P	170	125	4.00
5145-013-143-055	PSC80X x PSC63 - 55	PSC63	103	55	63	M20 x 2.0P	170	125	3.00
5145-013-143-080	PSC80X x PSC63 - 80	PSC63	128	80	63	M20 x 2.0P	170	125	3.40
5145-013-144-065	PSC80X x PSC80 - 65	PSC80	113	65	80	M20 x 2.0P	170	125	4.00
5145-013-144-100	PSC80X x PSC80 - 100	PSC80	148	100	80	M20 x 2.0P	170	125	4.40
5145-013-144-150	PSC80X x PSC80 - 150	PSC80	198	150	80	M20 x 2.0P	170	125	5.20
5146-013-143-200	PSC100 x PSC63 - 200	PSC63	260	200	63	M20 x 2.0P	170	125	6.20
5146-013-144-200	PSC100 x PSC80 - 200	PSC80	260	200	80	M20 x 2.0P	170	125	8.18

Features:

- Convert the machine taper for use with different taper types or taper sizes of tool holders, or offer great flexibility by extending the tooling length.

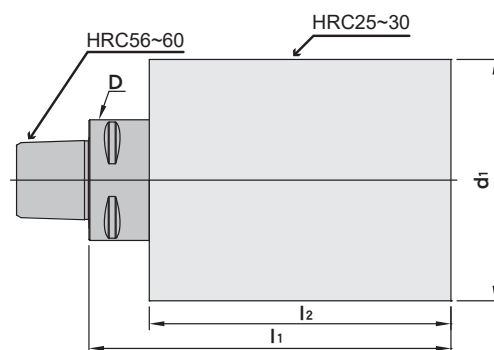
Product information:

- marked models means only for segment clamping, not for bolt clamping.



PSC BLANK

PSC 素材



MODEL NO.	TYPE	D	d ₁	l ₁	l ₂	WEIGHT (KGS)
5140-001-032-055	PSC32x Ø32 - 55	32	32	55	40	0.36
5140-001-032-090	PSC32 x Ø32 - 90	32	32	90	-	0.53
5140-001-044-050	PSC32 x Ø44 - 50	32	44	50	35	0.53
5140-001-060-090	PSC32 x Ø60 - 90	32	60	90	75	1.65
5141-001-033-047	PSC40 x Ø33 - 47	40	33	47	27	0.43
5141-001-040-060	PSC40 x Ø40 - 60	40	40	60	40	0.64
5141-001-040-120	PSC40 x Ø40 - 120	40	40	120	-	1.30
5141-001-054-055	PSC40 x Ø54 - 55	40	54	55	35	0.88
5141-001-060-080	PSC40 x Ø60 - 80	40	60	80	56.5	1.56
5141-001-060-165	PSC40 x Ø60 - 165	40	60	165	145	3.46
5141-001-075-200	PSC40 x Ø75 - 200	40	75	200	180	6.49
5141-001-080-075	PSC40 x Ø80 - 75	40	80	75	53.8	2.42
5141-001-080-120	PSC40 x Ø80 - 120	40	80	120	100	4.12
5141-001-100-120	PSC40 x Ø100 - 120	40	100	120	100	6.41
5142-001-050-070	PSC50 x Ø50 - 70	50	50	70	50	1.19
5142-001-050-150	PSC50 x Ø50 - 150	50	50	150	-	2.38
5142-001-063-180	PSC50 x Ø63 - 180	50	63	180	160	4.31
5142-001-070-065	PSC50 x Ø70 - 65	50	70	65	45	1.78
5142-001-075-175	PSC50 x Ø75 - 175	50	75	175	155	5.80
5142-001-080-100	PSC50 x Ø80 - 100	50	80	100	80	3.50
5142-001-080-250	PSC50 x Ø80 - 250	50	80	250	230	9.50
5142-001-090-080	PSC50 x Ø90 - 80	50	90	80	60	3.42
5142-001-095-150	PSC50 x Ø95 - 150	50	95	150	130	7.60
5142-001-110-090	PSC50 x Ø110 - 90	50	110	90	70	5.64
5143-001-032-090	PSC63 x Ø32 - 90	63	32	90	68	1.19
5143-001-040-120	PSC63 x Ø40 - 120	63	40	120	98	1.73
5143-001-063-090	PSC63 x Ø63 - 90	63	63	90	68	2.44
5143-001-063-100	PSC63 x Ø63 - 100	63	63	100	78	2.67
5143-001-063-180	PSC63 x Ø63 - 180	63	63	180	-	4.56
5143-001-075-195	PSC63 x Ø75 - 195	63	75	195	173	6.76
5143-001-090-065	PSC63 x Ø90 - 65	63	90	65	43	2.91
5143-001-090-070	PSC63 x Ø90 - 70	63	90	70	48	3.16
5143-001-090-075	PSC63 x Ø90 - 75	63	90	75	53	3.41
5143-001-100-070	PSC63 x Ø100 - 70	63	100	70	48	3.59
5143-001-100-300	PSC63 x Ø100 - 300	63	100	300	278	17.77
5143-001-105-072	PSC63 x Ø105 - 72	63	105	72	50	4.16
5143-001-110-120	PSC63 x Ø110 - 120	63	110	120	98	8.07
5143-001-120-130	PSC63 x Ø120 - 130	63	120	130	108	10.35

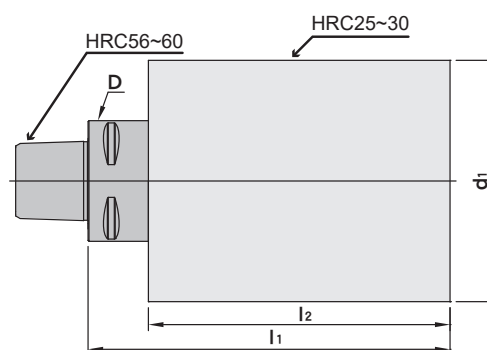
Features:

- Blanks can be machined according to customer demands. It is not recommended to do heat treatment after machining.



PSC BLANK

PSC 素材


 台灣精品 2012
TAIWAN EXCELLENCE


MODEL NO.	TYPE	D	d ₁	l ₁	l ₂	WEIGHT (KGS)
5143-001-120-180	PSC63 x Ø120 - 180	63	120	180	158	14.5
5143-001-130-095	PSC63 x Ø130 - 95	63	130	95	73	8.37
5144-001-080-200	PSC80 x Ø80 - 200	80	80	200	-	8.30
5144-001-100-200	PSC80 x Ø100 - 200	80	100	200	170	12.22
5144-001-120-160	PSC80 x Ø120 - 160	80	120	160	130	13.28
5144-001-120-300	PSC80 x Ø120 - 300	80	120	300	270	25.71
5144-001-130-070	PSC80 x Ø130 - 70	80	130	70	40	5.92
5144-001-130-084	PSC80 x Ø130 - 84.3	80	130	84.3	54.3	7.40
5144-001-130-090	PSC80 x Ø130 - 90	80	130	90	60	8.00
5144-001-130-130	PSC80 x Ø130 - 130	80	130	130	100	12.16
5144-001-132-090	PSC80 x Ø132 - 90	80	132	90	60	8.19
5144-001-145-180	PSC80 x Ø145 - 180	80	145	180	150	21.18
5144-001-145-200	PSC80 x Ø145 - 200	80	145	200	170	23.3
5144-001-150-200	PSC80 x Ø150 - 200	80	150	200	170	25.32
5144-001-160-122	PSC80 x Ø160 - 122.4	80	160	122.4	92.4	16.34
5144-001-160-245	PSC80 x Ø160 - 245	80	160	245	215	35.68
5144-001-180-100	PSC80 x Ø180 - 100	80	180	100	70	14.52
5145-001-145-200	PSC80X x Ø145 - 200	100	145	200	168	23.2
5146-001-100-100	PSC100 x Ø100 - 100	100	100	100	64	7.11
5146-001-100-200	PSC100 x Ø100 - 200	100	100	200	164	13.155
5146-001-105-090	PSC100 x Ø105 - 90	100	105	90	54	6.97
5146-001-105-120	PSC100 x Ø105 - 120	100	105	120	84	9.01
5146-001-105-230	PSC100 x Ø105 - 230	100	105	230	194	16.48
5146-001-150-100	PSC100 x Ø150 - 100	100	150	100	64	11.949
5146-001-150-200	PSC100 x Ø150 - 200	100	150	200	164	25.556
5146-001-150-300	PSC100 x Ø150 - 300	100	150	300	264	39.163
5146-001-200-100	PSC100 x Ø200 - 100	100	200	100	64	18.721

Features:

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