



PRO COLLET CHUCK SERIES

PRO COLLET CHUCK | PRO NON WIND RESISTANCE NUT | PRO COLLET

NO.2020-01

HIGH PRECISION

HEAVY DUTY MACHINING

HIGH STABILITY

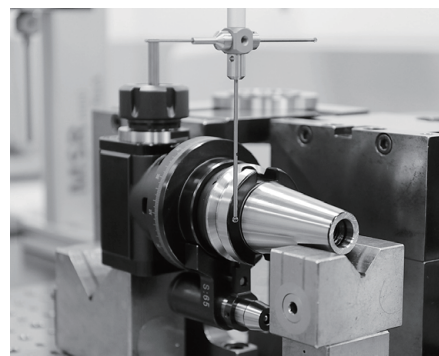
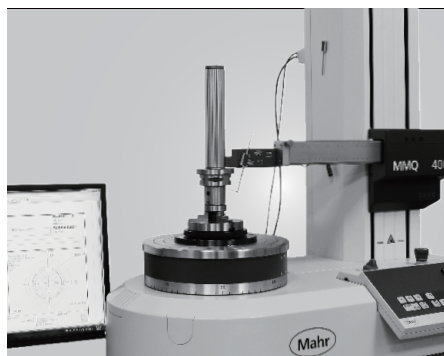
HIGH SPEED
G2.5 25000rpm



www.syic.com



COMPANY INTRODUCTION



APP Store



Android



Facebook



Instagram



Twitter



YouTube



Weibo

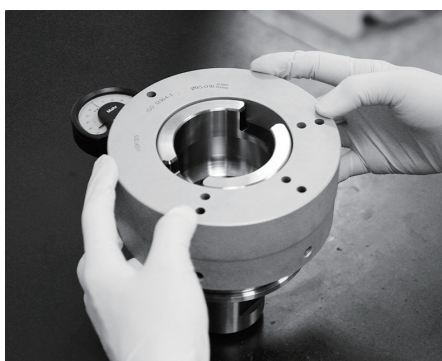
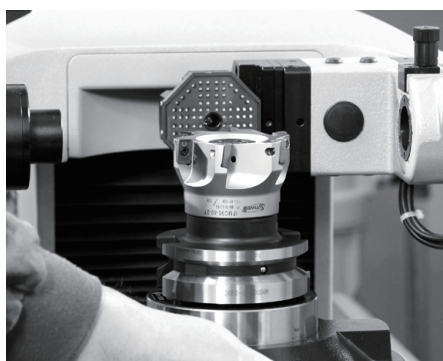


About SYIC

Established in 1979, SYIC is a professional manufacturer of precise tool holders, cutting tools, angel heads, boring series and collets with more than 500 employees. The taper types of tool holders we manufacture include BT (MAS403), CAT (ANSI B5.50), DAT (DIN69871-A), HSK (DIN69893), PSC (ISO26623-1), VDI (DIN ISO10889) and straight shank holders.

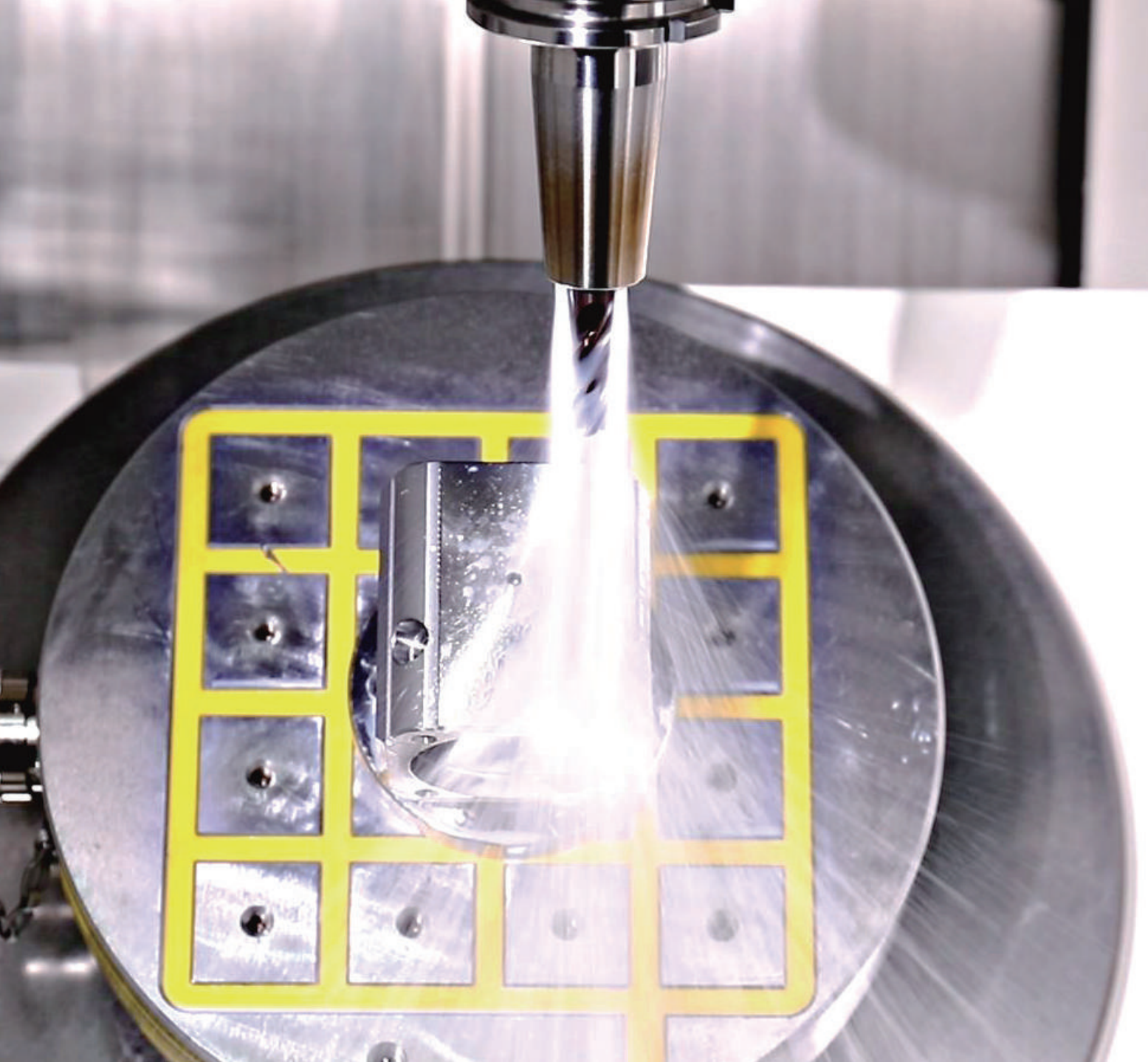
SYIC is certified to ISO9001 and ISO14001. With contribution to the design, production and sale of high accuracy and inventive products, SYIC has over 300 pieces of patents worldwide. SYIC keeps investing in high-end equipment and measuring instruments from Japan and Europe to implement excellent quality control and manufacturing capability.

SYIC keeps the core value "Quality creates reputation; reputation ensures quality" to impress our customers, possessing professional technical skills to provide comprehensive solutions for customers, improving customers' machining efficiency, and enhancing the mutual competitiveness with customers. Based on the mission of "Excellent service, supreme quality," SYIC will continue to launch more high precision products to customers.



Youku





Innovation is our mission!

SYIC is committed to developing high precision products to optimize the machining process and offering professional technical service. With experienced technical professionals, our products are developed in response to different types of industries. We aim to achieve customers' demands from different industries including machining industry, mold and die industry, aerospace industry, automotive industry, and energy industry. We offer the most professional and technical service, effectively resolve your machining problems to create maximum production efficiency.

PRO COLLET CHUCK

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PRO COLLET CHUCK



- ▶ Trapezoidal thread on the front increases the clamping stability of collet chucks and nuts.
- ▶ The design of straight parts above and below collet chuck threads enables closer contact with clamping nuts to achieve higher runout accuracy.
- ▶ Nuts are designed without slots to reduce the vibration caused by audio frequency of wind shear at high speed.
- ▶ Power Good nuts supply strong gripping force.

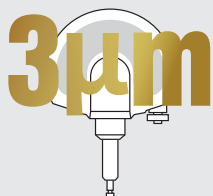


HIGH PRECISION

HEAVY DUTY MACHINING

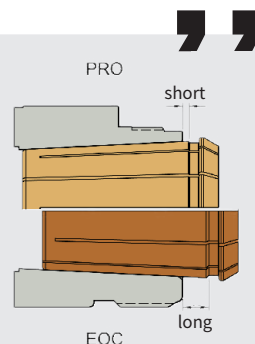
HIGH STABILITY

HIGH SPEED
G2.5 25000rpm



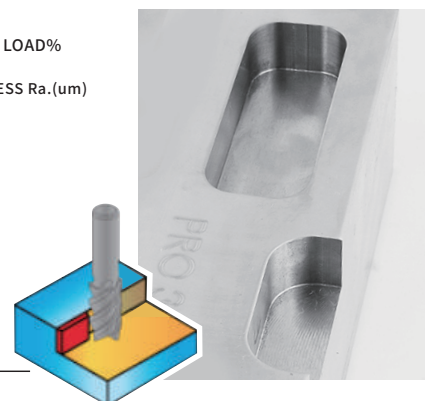
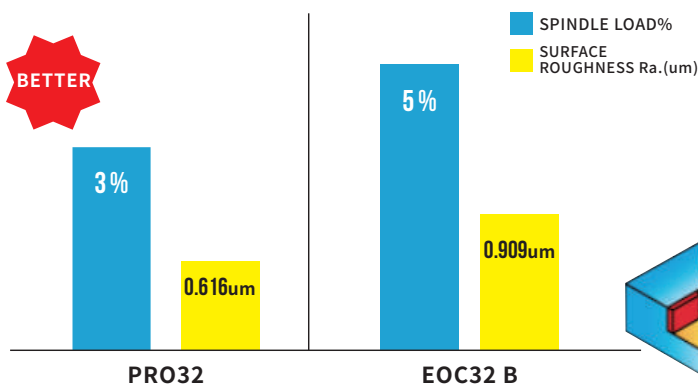
PRO COLLET

- ▶ Shortened collet gauge line allows better coverage inside tool holders to ensure machining stability.
- ▶ Long overall length offers more clamping length of tool shank than ER system.
- ▶ Self-locking tapers of collets create excellent clamping power.



SBT40 x PRO32-90 V.S SBT40 x EOC32-90

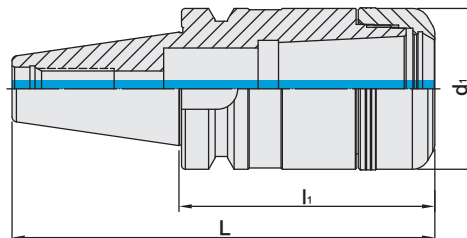
Helical milling
Machine: NSV102AM
Material: SUS304
S:4281rpm
F:2002mm/min
Ap:15mm
Ae:0.8mm



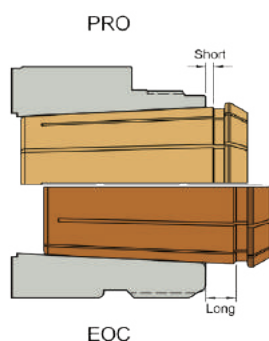
SBT / PRO COLLET CHUCK

Dual
DRIVE+

SBT / PRO 法蘭加厚型立銑刀夾頭



MODEL NO.	TYPE	L	l ₁	d ₁	SIZE RANGE	WEIGHT (KGS)
26.290.25.070	SBT40 x PRO25 - 70	135.4	70	58	4 ~ 25	1.33
26.290.25.100	SBT40 x PRO25 - 100	165.4	100	58	4 ~ 25	1.91
26.290.25.120	SBT40 x PRO25 - 120	185.4	120	58	4 ~ 25	2.30
26.290.32.100	SBT40 x PRO32 - 100	165.4	100	63	8 ~ 32	1.79
26.290.32.120	SBT40 x PRO32 - 120	185.4	120	63	8 ~ 32	2.34
27.290.25.080	SBT50 x PRO25 - 80	181.8	80	58	4 ~ 25	3.95
27.290.25.100	SBT50 x PRO25 - 100	201.8	100	58	4 ~ 25	4.30
27.290.25.120	SBT50 x PRO25 - 120	221.8	120	58	4 ~ 25	4.66
27.290.32.080	SBT50 x PRO32 - 80	181.8	80	63	8 ~ 32	3.81
27.290.32.100	SBT50 x PRO32 - 100	201.8	100	63	8 ~ 32	4.18
27.290.32.120	SBT50 x PRO32 - 120	221.8	120	63	8 ~ 32	4.75



Features:

- Ideal for heavy-duty machining and assures optimal stability.
- Used with PRO collet with 3μm runout accuracy, ensuring perfect surface finish of workpiece and longer tool life.
- Balanced at G2.5 25,000rpm, suitable for high speed machining.

Standard Accessory: • NUT

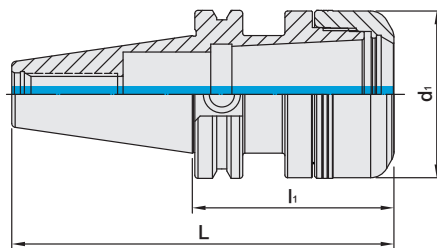
Collet	Nut	Pull Stud	Spanner
			
P.13	P.14	P.15	P.19



SCAT / PRO COLLET CHUCK

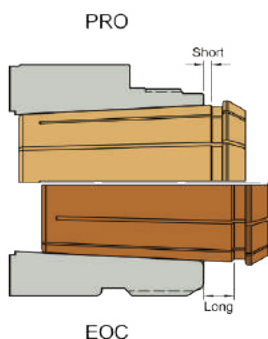
Dual
DRIVE+

SCAT / PRO 法蘭加厚型立銑刀夾頭



INCHES

MODEL NO.	TYPE	L	l ₁	d ₁ (mm)	SIZE RANGE	WEIGHT (KGS)
43.290.25.300	SCAT40 x PRO25 - 3"	5.687	3.00	58	3/16 ~ 1	1.33
43.290.25.400	SCAT40 x PRO25 - 4"	6.687	4.00	58	3/16 ~ 1	1.82
43.290.32.300	SCAT40 x PRO32 - 3"	5.687	3.00	63	5/16 ~ 1-1/4	1.13
43.290.32.400	SCAT40 x PRO32 - 4"	6.687	4.00	63	5/16 ~ 1-1/4	1.67
44.290.25.315	SCAT50 x PRO25 - 3.15"	7.15	3.15	58	3/16 ~ 1	3.46
44.290.25.400	SCAT50 x PRO25 - 4"	8.00	4.00	58	3/16 ~ 1	3.84
44.290.32.315	SCAT50 x PRO32 - 3.15"	7.15	3.15	63	5/16 ~ 1-1/4	3.47
44.290.32.400	SCAT50 x PRO32 - 4"	8.00	4.00	63	5/16 ~ 1-1/4	3.74



Features:

- Ideal for heavy-duty machining and assures optimal stability.
- Used with PRO collet with 3µm runout accuracy, ensuring perfect surface finish of workpiece and longer tool life.
- Balanced at G2.5 25,000rpm, suitable for high speed machining.

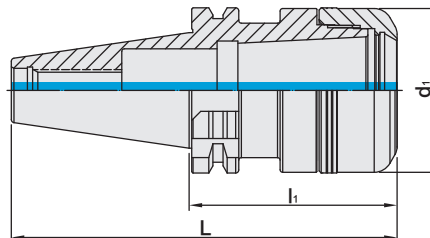
Standard Accessory: • NUT

Collet	Nut	Pull Stud	Spanner
			
P.13	P.14	P.16	P.19

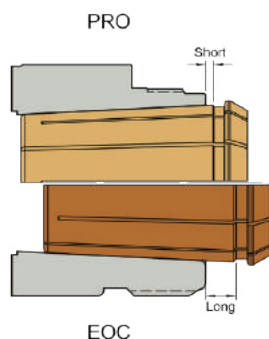
SDAT / PRO COLLET CHUCK

Dual
DRIVE+

SDAT / PRO 法蘭加厚型立銑刀夾頭



MODEL NO.	TYPE	L	l ₁	d ₁	SIZE RANGE	WEIGHT (KGS)
66.290.25.070	SDAT40 x PRO25 - 70	118.4	50	58	4 ~ 25	1.25
66.290.25.080	SDAT40 x PRO25 - 80	148.4	80	58	4 ~ 25	1.44
66.290.25.100	SDAT40 x PRO25 - 100	168.4	100	58	4 ~ 25	1.83
66.290.25.120	SDAT40 x PRO25 - 120	188.4	120	58	4 ~ 25	2.22
66.290.32.080	SDAT40 x PRO32 - 80	148.4	80	63	8 ~ 32	1.25
66.290.32.100	SDAT40 x PRO32 - 100	168.4	100	63	8 ~ 32	1.67
66.290.32.120	SDAT40 x PRO32 - 120	188.4	120	63	8 ~ 32	2.16
67.290.32.080	SDAT50 x PRO32 - 80	181.75	80	63	8 ~ 32	3.16
67.290.25.070	SDAT50 x PRO25 - 70	171.75	70	58	4 ~ 25	3.14
67.290.25.080	SDAT50 x PRO25 - 80	181.75	80	58	4 ~ 25	3.32
67.290.25.100	SDAT50 x PRO25 - 100	201.75	100	58	4 ~ 25	3.68
67.290.25.140	SDAT50 x PRO25 - 140	241.75	140	58	4 ~ 25	4.40
67.290.32.100	SDAT50 x PRO32 - 100	201.75	100	63	8 ~ 32	3.59
67.290.32.140	SDAT50 x PRO32 - 140	241.75	140	63	8 ~ 32	4.44



Features:

- ▶ Ideal for heavy-duty machining and assures optimal stability.
- ▶ Used with PRO collet with 3μm runout accuracy, ensuring perfect surface finish of workpiece and longer tool life.
- ▶ Balanced at G2.5 25,000rpm, suitable for high speed machining.

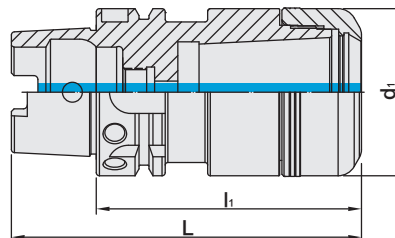
Standard Accessory: • NUT

Collet	Nut	Pull Stud	Spanner
			
P.13	P.14	P.17	P.19

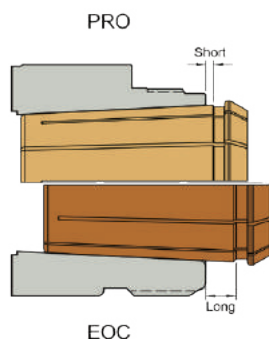


HSK / PRO COLLET CHUCK

HSK / PRO 立銑刀夾頭



MODEL NO.	TYPE	L	l ₁	d ₁	SIZE RANGE	WEIGHT (KGS)
72.290.25.100	HSK50A x PRO25 - 100	125	100	58	4 ~ 25	1.26
72.290.25.120	HSK50A x PRO25 - 120	145	120	58	4 ~ 25	1.59
72.290.25.150	HSK50A x PRO25 - 150	175	150	58	4 ~ 25	2.08
72.290.32.120	HSK50A x PRO32 - 120	145	120	63	8 ~ 32	1.57
72.290.32.150	HSK50A x PRO32 - 150	175	150	63	8 ~ 32	2.20
73.290.25.100	HSK63A x PRO25 - 100	132	100	58	4 ~ 25	1.62
73.290.25.120	HSK63A x PRO25 - 120	152	120	58	4 ~ 25	1.96
73.290.25.150	HSK63A x PRO25 - 150	182	150	58	4 ~ 25	2.56
73.290.32.100	HSK63A x PRO32 - 100	132	100	63	8 ~ 32	1.57
73.290.32.120	HSK63A x PRO32 - 120	152	120	63	8 ~ 32	1.93
73.290.32.150	HSK63A x PRO32 - 150	182	150	63	8 ~ 32	2.54
75.290.25.100	HSK100A x PRO25 - 100	150	100	58	4 ~ 25	3.00
75.290.25.120	HSK100A x PRO25 - 120	170	120	58	4 ~ 25	3.40
75.290.25.150	HSK100A x PRO25 - 150	200	150	58	4 ~ 25	3.99
75.290.32.100	HSK100A x PRO32 - 100	150	100	63	8 ~ 32	2.99
75.290.32.120	HSK100A x PRO32 - 120	170	120	63	8 ~ 32	3.45
75.290.32.150	HSK100A x PRO32 - 150	200	150	63	8 ~ 32	3.94



Features:

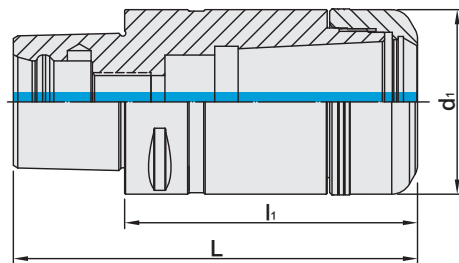
- ▶ Ideal for heavy-duty machining and assures optimal stability.
- ▶ Used with PRO collet with 3µm runout accuracy, ensuring perfect surface finish of workpiece and longer tool life.
- ▶ Balanced at G2.5 25,000rpm, suitable for high speed machining.

Standard Accessory: • NUT

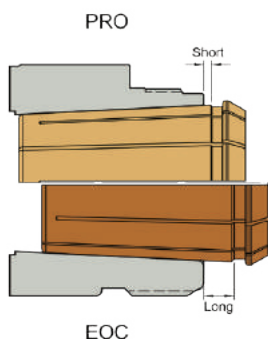
Collet	Nut	Coolant Supply unit	Key	Spanner
				
P.13	P.14	P.18	P.18	P.19

PSC / PRO COLLET CHUCK

PSC / PRO 立銑刀夾頭



MODEL NO.	TYPE	L	l ₁	d ₁	SIZE RANGE	WEIGHT (KGS)
142.290.25.070	PSC50 x PRO25 - 70	100	70	58	4 ~ 25	1.01
142.290.25.100	PSC50 x PRO25 - 100	130	100	58	4 ~ 25	1.53
142.290.25.120	PSC50 x PRO25 - 120	150	120	58	4 ~ 25	2.30
142.290.25.150	PSC50 x PRO25 - 150	180	150	58	4 ~ 25	2.49
142.290.32.100	PSC50 x PRO32 - 100	130	100	63	8 ~ 32	1.48
142.290.32.120	PSC50 x PRO32 - 120	150	120	63	8 ~ 32	1.85
142.290.32.150	PSC50 x PRO32 - 150	180	150	63	8 ~ 32	2.53
143.290.32.100	PSC63 x PRO32 - 100	138	100	63	8 ~ 32	1.77
143.290.25.070	PSC63 x PRO25 - 70	108	70	58	4 ~ 25	1.32
143.290.25.100	PSC63 x PRO25 - 100	138	100	58	4 ~ 25	1.88
143.290.25.120	PSC63 x PRO25 - 120	158	120	58	4 ~ 25	2.26
143.290.25.150	PSC63 x PRO25 - 150	188	150	58	4 ~ 25	2.81
143.290.32.120	PSC63 x PRO32 - 120	158	120	63	8 ~ 32	2.15
143.290.32.150	PSC63 x PRO32 - 150	188	150	63	8 ~ 32	2.84



Features:

- ▶ Ideal for heavy-duty machining and assures optimal stability.
- ▶ Used with PRO collet with 3μm runout accuracy, ensuring perfect surface finish of workpiece and longer tool life.
- ▶ Balanced at G2.5 25,000rpm, suitable for high speed machining.

Standard Accessory: • NUT

Collet	Nut	Coolant Supply unit	Key	Spanner
				
P.13	P.14	P.18	P.18	P.19



MEMO

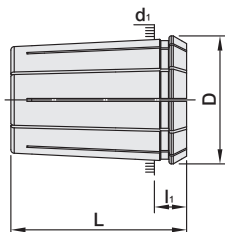
ACCESSORIES

CATEGORY

PRO COLLET	13
PRO NON WIND RESISTANCE NUT	14
BT PULL STUD	15
CAT PULL STUD	16
DAT PULL STUD	17
COOLANT SUPPLY UNIT & KEY	18
BEARING SPANNER	19

PRO COLLET

PRO 彈性筒夾



TYPE	L	l ₁	D	d ₁	WEIGHT (KGS)
PRO - 25	52	10	35	32.9	0.25
PRO - 32	60	11	43.7	41.3	0.50

PRO - 25			
MODEL NO.	SIZE	MODEL NO.	SIZE
251.290.25 - 04	4	251.290.25 - 15	15
- 05	5	- 16	16
- 06	6	- 17	17
- 07	7	- 18	18
- 08	8	- 19	19
- 09	9	- 20	20
- 10	10	- 21	21
- 11	11	- 22	22
- 12	12	- 23	23
- 13	13	- 24	24
- 14	14	- 25	25

INCHES

251.290.25 - 3/16	3/16	251.290.25 - 5/8	5/8
- 1/4	1/4	- 11/16	11/16
- 5/16	5/16	- 3/4	3/4
- 3/8	3/8	- 7/8	7/8
- 7/16	7/16	- 15/16	15/16
- 1/2	1/2	- 1	1
- 9/16	9/16		

PRO - 32			
MODEL NO.	SIZE	MODEL NO.	SIZE
251.290.32 - 04	4	251.290.32 - 19	19
- 05	5	- 20	20
- 06	6	- 21	21
- 07	7	- 22	22
- 08	8	- 23	23
- 09	9	- 24	24
- 10	10	- 25	25
- 11	11	- 26	26
- 12	12	- 27	27
- 13	13	- 28	28
- 14	14	- 29	29
- 15	15	- 30	30
- 16	16	- 31	31
- 17	17	- 32	32
- 18	18		

INCHES

251.290.32 - 3/16	3/16	251.290.32 - 5/8	5/8
- 1/4	1/4	- 3/4	3/4
- 5/16	5/16	- 7/8	7/8
- 3/8	3/8	- 1	1
- 7/16	7/16	- 1-1/4	1-1/4
- 1/2	1/2		

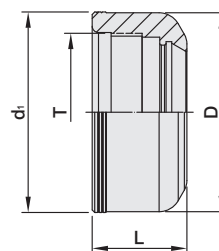
Features:

- ▶ Runout accuracy is within 3um.
- ▶ Clamping for single diameter.
- ▶ Self-locking tapers of PRO collets create excellent clamping power.
- ▶ Shorter collet gauge line allows better coverage inside tool holders to ensure machining stability.
- ▶ Long overall collet length offers more clamping length of tool shank than ER system.

PRO NON WIND RESISTANCE NUT



PRO 無風阻螺帽



MODEL NO.	TYPE	L	D	d ₁	T	RECOMMENDED TIGHTENING TORQUE		WEIGHT (KGS)
206.290.25	PRO - 25	32	58	58.5	Tr48 x 1.5P	110N-m	81 ft/lbs	0.23
206.290.32	PRO - 32	30	63	63.5	Tr50 x 1.5P	220 N-m	162 ft/lbs	0.25

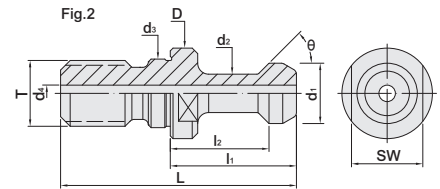
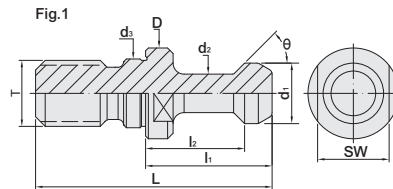
Features:

- PRO nuts without slots reduce the wind shear at high speed, avoiding tools from vibrating due to the audio frequency arisen by wind shear.



BT PULL STUD

BT 螺栓拉頭



W/O Coolant

MODEL NO.	TYPE	L	l ₁	l ₂	D	d ₁	d ₂	d ₃	d ₄	θ	T	SW	Fig.	WEIGHT (KGS)
17801	BT30 - 45°	43	23	18	16.5	11	7	12.5	-	45°	M12	13	1	0.04
17803	BT40 - 45°	60	35	28	23	15	10	17	-	45°	M16	19	1	0.10
17805	BT50 - 45°	85	45	35	38	23	17	25	-	45°	M24	30	1	0.30
17806	BT30 - 60°	43	23	18	16.5	11	7	12.5	-	60°	M12	13	1	0.04
17808	BT40 - 60°	60	35	28	23	15	10	17	-	60°	M16	19	1	0.10
17810	BT50 - 60°	85	45	35	38	23	17	25	-	60°	M24	30	1	0.30
17812	BT30 - 90°	43	23	18	16.5	11	7	12.5	-	90°	M12	13	1	0.04
17814	BT40 - 90°	60	35	28	23	15	10	17	-	90°	M16	19	1	0.10
17816	BT50 - 90°	85	45	35	38	23	17	25	-	90°	M24	30	1	0.30

Coolant Thru

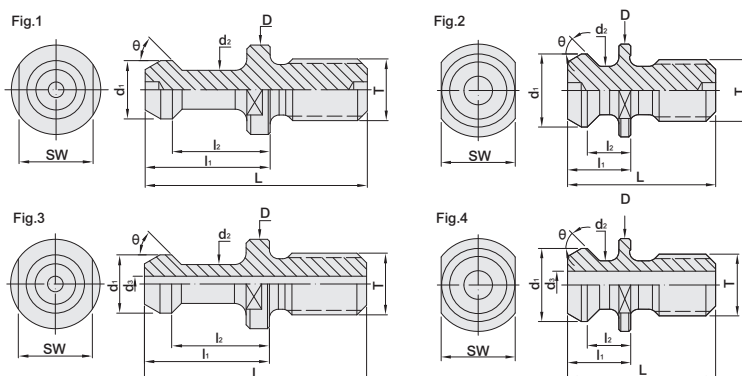
17817	BT30 - 45°	43	23	18	16.5	11	7	12.5	3	45°	M12	13	2	0.10
17818	BT40 - 45°	60	35	28	23	15	10	17	4	45°	M16	19	2	0.10
17818 - MAZAK	BT40 - 45°	44.1	19.1	14.02	22	18.79	12.44	17	7	45°	M16	19	2	0.10
17824	BT50 - 45°	85	45	35	38	23	17	25	5	45°	M24	30	2	0.30
17824 - MAZAK	BT50 - 45°	65.4	25.4	17.78	35.5	28.95	20.8	25	10	45°	M24	30	2	0.30
17820	BT40 - 60°	60	35	28	23	15	10	17	4	60°	M16	19	2	0.10
17826	BT50 - 60°	85	45	35	38	23	17	25	5	60°	M24	30	2	0.30
17822	BT40 - 90°	60	35	28	23	15	10	17	4	90°	M16	19	2	0.10
17828	BT50 - 90°	85	45	35	38	23	17	25	5	90°	M24	30	2	0.30

Features:

- Please make sure the pull stud conforms to the machine type.

CAT PULL STUD

CAT 螺栓拉頭



W/O Coolant

MODEL NO.	TYPE	L	l ₁	l ₂	D	d ₁	d ₂	d ₃	θ	SW	T-UNC	Fig.	WEIGHT (KGS)
21003	CAT40 - ANSI	1.5	0.64	0.44	0.94	0.74	0.49	-	45°	0.75	5/8" - 11	2	0.09
21005	CAT50 - ANSI	2.3	1	0.7	1.44	1.14	0.82	-	45°	1.25	1" - 8	2	0.25
21003 - 45	CAT40 - MAS - I	2.25	1.266	0.99	0.905	0.59	0.394	-	45°	0.748	5/8" - 11	1	0.09
21003 - 60	CAT40 - MAS - II	2.25	1.266	0.99	0.905	0.59	0.394	-	60°	0.748	5/8" - 11	1	0.09
21003 - 90	CAT40 - MAS - III	2.25	1.266	0.99	0.905	0.59	0.394	-	90°	0.748	5/8" - 11	1	0.09
21005 - 45	CAT50 - MAS - I	3.346	1.772	1.378	1.496	0.906	0.669	-	45°	1.181	1" - 8	1	0.25
21005 - 60	CAT50 - MAS - II	3.346	1.772	1.378	1.496	0.906	0.669	-	60°	1.181	1" - 8	1	0.25
21005 - 90	CAT50 - MAS - III	3.346	1.772	1.378	1.496	0.906	0.669	-	90°	1.181	1" - 8	1	0.25

Coolant Thru

21003 - C	CAT40 - ANSI - C	1.5	0.64	0.44	0.94	0.74	0.49	0.281	45°	0.75	5/8" - 11	4	0.09
21005 - C	CAT50 - ANSI - C	2.3	1	0.7	1.44	1.14	0.82	0.468	45°	1.25	1" - 8	4	0.25
21003 - 45C	CAT40 - Coolant - I	2.25	1.266	0.99	0.905	0.59	0.394	0.157	45°	0.748	5/8" - 11	3	0.09
21003 - 60C	CAT40 - Coolant - II	2.25	1.266	0.99	0.905	0.59	0.394	0.157	60°	0.748	5/8" - 11	3	0.09
21003 - 90C	CAT40 - Coolant - III	2.25	1.266	0.99	0.905	0.59	0.394	0.157	90°	0.748	5/8" - 11	3	0.09
21005 - 45C	CAT50 - Coolant - I	3.346	1.772	1.378	1.496	0.906	0.669	0.256	45°	1.181	1" - 8	3	0.25
21005 - 60C	CAT50 - Coolant - II	3.346	1.772	1.378	1.496	0.906	0.669	0.256	60°	1.181	1" - 8	3	0.25
21005 - 90C	CAT50 - Coolant - III	3.346	1.772	1.378	1.496	0.906	0.669	0.256	90°	1.181	1" - 8	3	0.25

Features:

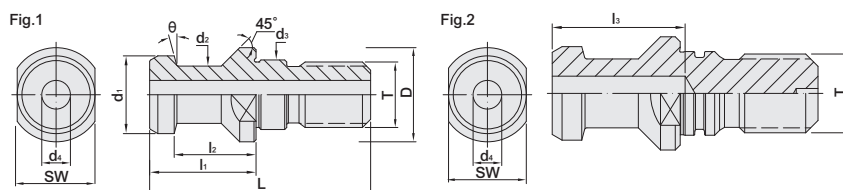
- Please make sure the pull stud conforms to the machine type.



DAT PULL STUD

DAT 螺栓拉頭

(DIN 7388 - 3)

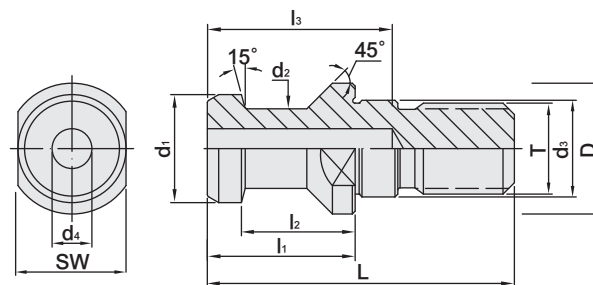


W/O Coolant

MODEL NO.	TYPE	L	l ₁	l ₂	l ₃	D	d ₁	d ₂	d ₃	d ₄	θ	SW	T	Fig.	WEIGHT (KGS)
49011	DAT30 - B	44	24	19	-	17	13	9	13	-	15°	14	M12	2	0.03
49013	DAT40 - B	54	26	20	27	23	19	14	17	7	15°	19	M16	2	0.09
49015	DAT50 - B	74	34	25	37	36	28	21	25	11.5	15°	30	M24	2	0.25

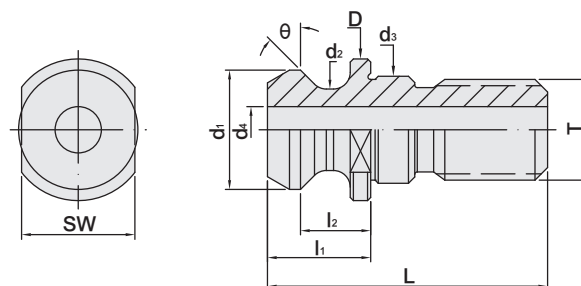
Coolant Thru

49001	DAT30 - A	44	24	19	-	17	13	9	13	-	15°	14	M12	1	0.03
49003	DAT40 - A	54	26	20	-	23	19	14	17	7	15°	19	M16	1	0.09
49005	DAT50 - A	74	34	25	-	36	28	21	25	11.5	15°	30	M24	1	0.25



MODEL NO.	TYPE	L	l ₁	l ₂	l ₃	D	d ₁	d ₂	d ₃	d ₄	T	WEIGHT (KGS)
49017	DAT40	54	26	20	27	23	19	14	17	7	M16	0.09

(DIN ISO 7388 - UD)



Coolant Thru

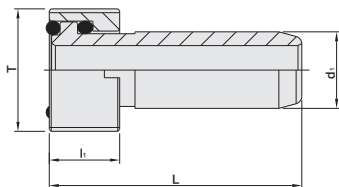
MODEL NO.	TYPE	L	l ₁	l ₂	D	d ₁	d ₂	d ₃	d ₄	θ	SW	T	WEIGHT (KGS)
49032	DAT40 - A	54	26	20	23	19	14	17	7	15°	19	M16	0.09
49034	DAT50 - A	74	34	25	36	28	21	25	11.5	15°	30	M24	0.25
49036	DAT40 - B	44.5	16.4	11.15	22.5	18.95	12.95	17	7.35	45°	18	M16	0.03
49038	DAT50 - B	65.5	25.55	17.95	37	29.1	19.6	25	11.55	45°	30	M24	0.10

Features: ▶ Please make sure the pull stud conforms to the machine type.

COOLANT SUPPLY UNIT & KEY

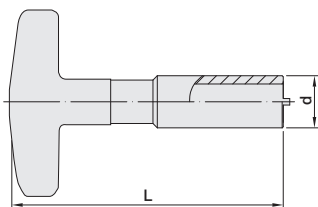
HSK 給水管 / HSK COOLANT SUPPLY UNIT

(DIN 69895)



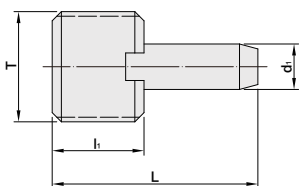
MODEL NO.	TYPE	L	l ₁	d ₁	T	WEIGHT (KGS)
30031	HSK32A - CP	26	5.5	6	M10 x 1.0P	0.01
30033	HSK40A - CP	29.3	7.5	8	M12 x 1.0P	0.01
30035	HSK50A - CP	33	9.5	10	M16 x 1.0P	0.02
30037	HSK63A - CP	36.6	11.5	12	M18 x 1.0P	0.02
30039	HSK80A - CP	40	13.5	14	M20 x 1.5P	0.04
30041	HSK100A - CP	44	15.5	16	M24 x 1.5P	0.06

HSK 給水管扳手 / KEY FOR HSK COOLANT SUPPLY UNIT



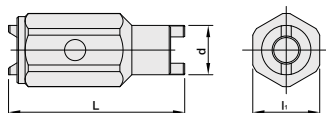
MODEL NO.	TYPE	L	d	WEIGHT (KGS)
30051	HSK32A - CPW	90	φ 10mm	0.10
30053	HSK40A - CPW	90	φ 13.5mm	0.12
30055	HSK50A - CPW	95	φ 15.5mm	0.14
30057	HSK63A - CPW	100	φ 17.5mm	0.16
30059	HSK80A - CPW	110	φ 19.5mm	0.12
30061	HSK100A - CPW	125	φ 23.5mm	0.32

PSC 給水管 / PSC COOLANT SUPPLY UNIT



MODEL NO.	TYPE	L	l ₁	d ₁	T	WEIGHT (KGS)
140.950	PSC32	22.4	10	4.95	M12 x 1.5P	0.07
141.950	PSC40	25.8	12	5.95	M14 x 1.5P	0.01
142.950	PSC50	28.35	14	7	M16 x 1.5P	0.015
143.950	PSC63	31	15	8	M20 x 2.0P	0.027
144.950	PSC80	31.3	15	10	M20 x 2.0P	0.026

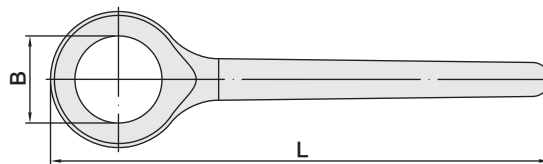
PSC 給水管扳手 / KEY FOR PSC COOLANT SUPPLY UNIT



MODEL NO.	TYPE	L	l ₁	d	WEIGHT (KGS)
280.950.80	PSC80	60	29	17.5	0.22
280.950.63	PSC63	60	25	17.5	0.16
280.950.50	PSC50	50	19	14	0.071
280.950.40	PSC40	45	17	12	0.051
280.950.32	PSC32	40	14	10	0.03

BEARING SPANNER

轴承扳手



MODEL NO.	TYPE	NUT DIA	L	B	WEIGHT (KGS)
285.58	PRO 25	58	250	58	0.70
285.63	PRO 32	63	250	63	0.70

Features:

- Used for all non wind resistance nuts.



No using adjustable spanner!



No using ER spanner with steel tube!



No using adjustable spanner with steel tube!

MEMO

MEMO



MEMO





SHIN-YAIN INDUSTRIAL CO., LTD.
No.198, Jingpu Rd., Qingshui Dist., Taichung City 436, Taiwan
Tel: +886-4-26237575 | Fax: +886-4-26237676 | E-mail: sales@syic.com

