



We receive awards and recognitions for our quality!

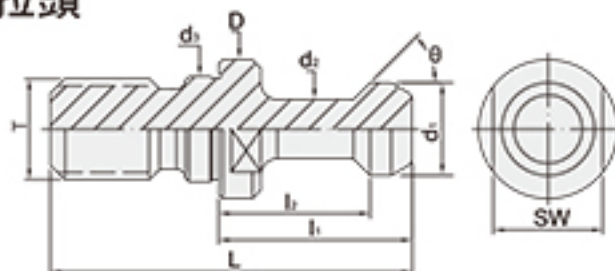
ACCESSORIES

17800	BT PULL STUDS	J-2	05150	DOUBLE-ENDED STRAIGHT SHANK ER COLLET CHUCK FOR AUTOMATIC LATHE	J-52
21000	CAT PULL STUDS	J-3	05200	STRAIGHT SHANK ER TAPPER (FOR CNC LATHE)	J-53
49000	DAT PULL STUDS	J-4, J-5	05260	STRAIGHT SHANK ER COLLET CHUCK FOR AUTOMATIC LATHE	J-54
49000	ISO PULL STUDS	J-5	06000	STRAIGHT SHANK SBL COLLET CHUCK	J-55
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202.126	ER COOLANT COLLET (FID TYPE)	J-18	83700	STR SCREWED CUTTING TOOL	J-59
202.127	ER COOLANT COLLET (FOD TYPE)	J-19	83720	RG SCREWED CUTTING TOOL	J-59
08300	ER SEALED COLLET	J-20	83740	DM SCREWED CUTTING TOOL	J-60
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04200-PN	PNER COLLET	J-22, J-23	83780	STRAIGHT SHANK SOM EXTENSION HOLDER	J-61
19460	STRAIGHT SEALED COLLET FOR MLD MILLING CHUCK	J-24	81000	DRILL SLEEVE	J-62
84120	STRAIGHT SHANK COLLET FOR MLD MILLING CHUCK	J-24	81400	DRILL CHUCK ARBOR	J-62
83530	EOC COLLET TYPE: B	J-25	81500	R8 DRILL CHUCK ARBOR	J-63
83868	SYOZ COLLET	J-26	83640	TANG	J-63
18851	SLC COLLET	J-26	82010	OIL INJECTION ROTARY CENTER	J-64
84000	TG COLLET	J-27, J-28	82015	OIL INJECTION ROTARY CENTER (FOR SLIM WORKPIECE)	J-64
18300	SKS COLLET	J-29~J-31	82040	INTERCHANGEABLE LIVE CENTER (OIL INJECTION SYSTEM)	J-65
18300C	SKS SEALED COLLET	J-32	82060	AUTOMATIC ADJUSTABLE INSERTED CENTER	J-65
04500P	POWER GOOD ER CLAMPING NUT	J-33	82150	KEYLESS DRILL CHUCK SPECIAL HEAVY DUTY	J-66
08680P	ER HIGH SPEED PRECISION NUT BALL BEARING TYPE	J-34	84130	STRAIGHT SHANK MORSE TAPER ADAPTER	J-67
08650P	HIGH SPEED POWER GOOD NUT	J-34	84140	STRAIGHT SHANK DRILL SLEEVE	J-67
04500-PN	POWER GOOD PNER CLAMPING NUT	J-35	83300	OPTICAL EDGE FINDER (TOUCH POINT SENSOR)	J-68
206.763	SK3 NON WIND RESISTANCE NUT	J-35	83310	E.S. OPTICAL EDGE FINDER	J-69
206.130	NON WIND RESISTANCE NUT	J-36	83350	MECHANICAL EDGE FINDER	J-70
18310	SKS CLAMPING NUT	J-36	86400	TEST BAR	J-71
203.658	SKS COOLANT NUT / SKS SEALED CAP	J-37	10.001	TOOL HOLDER BLANK	J-72
83630P	POWER GOOD EOC CLAMPING NUT	J-38		SCREW	J-73
84012P	POWER GOOD TG CLAMPING NUT	J-38	WF	SHELL MILL SCREW	J-74
19490G	MLD SEALED CAP W/O COOLANT HOLE	J-39	FMC	SCREW WITH COOLANT FLUTES W/O COOLANT HOLE	J-75
	PowerLOC Square Shank Adapter - Coolant Thru	J-39		END MILL HOLDER REPLACEMENT LOCK SCREW	J-75
30030	COOLANT SUPPLY UNIT	J-40	17905	ZOP-50 Z AXIAL PRESET GAUGE OPTICAL TYPE	J-76
30050	KEY FOR COOLANT SUPPLY UNIT	J-40	17906	ZSP-50 Z AXIAL PRESET GAUGE SIMPLE TYPE	J-76
42830	PARTS FOR COMBI SHELL END MILL ARBOR	J-41	17909-J	ZDS-50J Z AXIAL PRESET GAUGE (MAGNETIC)	J-77
04545	SPIGOT INTERCHANGEABLE DIGITAL TORQUE WRENCH	J-42	17908	ZDI-50 Z AXIAL PRESET GAUGE INDICATOR TYPE	J-77
04580	NUT ADAPTERS FOR EXCHANGEABLE TORQUE WRENCH	J-43	17910	ZDI-100 Z AXIAL PRESET GAUGE INDICATOR TYPE	J-78
04600	ER SPANNER (WRENCH)	J-44	301	TOOL HOLDER LOCKING DEVICE FOR BLIND TOOL HOLDERS	J-79
286	SPANNER (WRENCH)	J-45	17850	TOOL HOLDER LOCKING DEVICE	J-79~J-81
83690	SPANNER	J-46	400	TOOL PRESETTER WITH LINEAR SCALE	J-82
04760	NC / ER COLLET CHUCK	J-47	19988	DIGITAL LINEAR SCALE TOOL PRESETTER	J-83
04800	STRAIGHT SHANK COLLET CHUCK AND EXTENSION TYPE	J-48, J-49	19984	USDTL TOOL PRESETTER	J-83
04860	STRAIGHT SHANK COLLET CHUCK AND EXTENSION TYPE	J-50, J-51	19989	CABINET	J-84
			17700	SPINDLE TAPER WIPERS	J-84
			04280	ER COLLET WOODEN TRAYS	J-85
			04251	BOX	J-86

SYIC-17800



BT 螺栓拉頭



- Please make sure the pull stud conforms to the machine type.
- The Installation and Disassembly Way for Pull Stud:

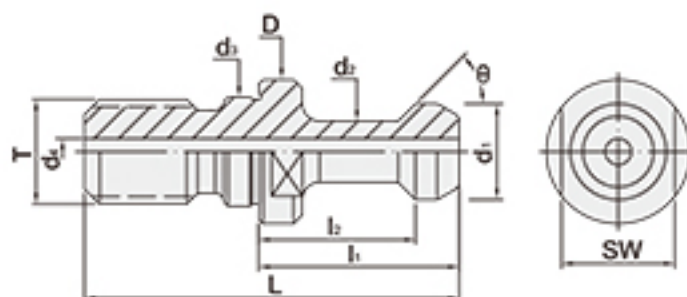


MODEL NO.	TYPE θ	D	d ₁	d ₂	d ₃	L	l ₁	l ₂	T	SW	WEIGHT (KGS)
SYIC - 17801	BT30 - 45°	16.5	11	7	12.5	43	23	18	M12	13	0.04
SYIC - 17803	BT40 - 45°	23	15	10	17	60	35	28	M16	19	0.10
SYIC - 17805	BT50 - 45°	38	23	17	25	85	45	35	M24	30	0.30
SYIC - 17806	BT30 - 60°	16.5	11	7	12.5	43	23	18	M12	13	0.04
SYIC - 17808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

BT PULL STUDS
COOLANT TYPE

SYIC-17817

BT 給水型螺栓拉頭



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

MODEL NO.	TYPE θ	D	d ₁	d ₂	d ₃	d ₄	L	l ₁	l ₂	T	SW	WEIGHT (KGS)
SYIC - 17817	BT30 - 45°	16.5	11	7	12.5	3	43	23	18	M12	13	0.1
SYIC - 17818	BT40 - 45°	23	15	10	17	4	60	35	28	M16	19	0.1
SYIC - 17818 - MAZAK	BT40 - 45°	22	18.79	12.44		7	44.1	19.1	14.02			0.1
SYIC - 17820	BT40 - 60°	23	15	10		4	60	35	28			0.1
SYIC - 17822	BT40 - 90°	23	15	10		4	60	35	28			0.1
SYIC - 17824	BT50 - 45°	38	23	17	25	5	85	45	35	M24	30	0.3
SYIC - 17824 - MAZAK	BT50 - 45°	35.5	28.95	20.8		10	65.4	25.4	17.78			0.3
SYIC - 17826	BT50 - 60°	38	23	17		5	85	45	35			0.3
SYIC - 17828	BT50 - 90°	38	23	17		5	85	45	35			0.3



CAT PULL STUDS

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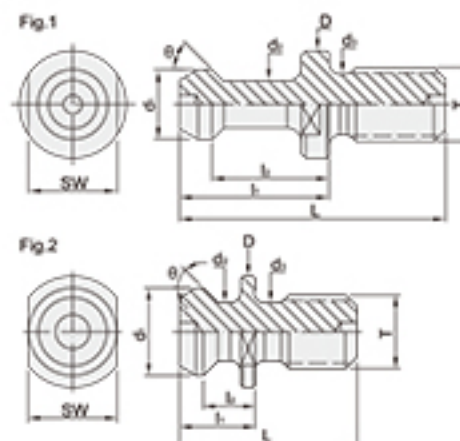
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SYIC-21000

CAT 螺栓拉頭



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

INCHES

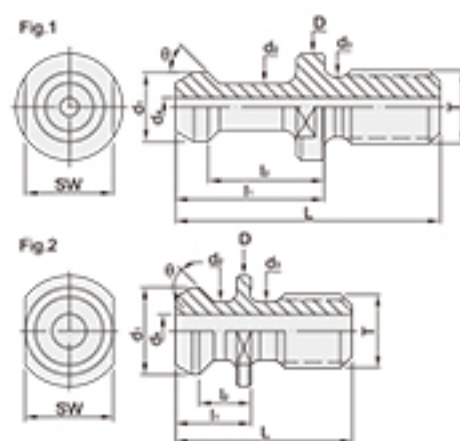
MODEL NO.	TYPE	D	d ₁	d ₂	d ₃	L	l ₁	l ₂	θ	SW	T-UNC	Fig	WEIGHT (KGS)
SYIC - 21003	CAT40 - ANSI	0.94	0.74	0.49	0.49	1.5	0.64	0.44	45°	0.75	5/8" - 11	2	0.09
SYIC - 21005	CAT50 - ANSI	1.44	1.14	0.82	0.82	2.3	1	0.7		1.25	1" - 8		0.25
SYIC - 21003 - 45	CAT40 - MAS - I	0.905	0.59	0.394	0.512	2.25	1.266	0.99	60°	0.748	5/8" - 11	1	0.09
SYIC - 21003 - 60	CAT40 - MAS - II								90°				
SYIC - 21003 - 90	CAT40 - MAS - III												
SYIC - 21005 - 45	CAT50 - MAS - I	1.496	0.906	0.669	0.827	3.346	1.772	1.378	45°	1.181	1" - 8	1	0.25
SYIC - 21005 - 60	CAT50 - MAS - II								60°				
SYIC - 21005 - 90	CAT50 - MAS - III								90°				



CAT PULL STUDS COOLANT TYPE

SYIC-21000-C

CAT 給水型螺栓拉頭



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

INCHES

MODEL NO.	TYPE	D	d ₁	d ₂	d ₃	d ₄	L	l ₁	l ₂	θ	SW	T-UNC	Fig	WEIGHT (KGS)
SYIC - 21003 - C	CAT40 - ANSI - C	0.94	0.74	0.49	0.49	0.281	1.5	0.64	0.44	45°	0.75	5/8" - 11	2	0.09
SYIC - 21005 - C	CAT50 - ANSI - C	1.44	1.14	0.82	0.82	0.468	2.3	1	0.7		1.25	1" - 8		0.25
SYIC - 21003 - 45C	CAT40 - Coolant - I	0.905	0.59	0.394	0.512	0.157	2.25	1.266	0.99	45°	0.748	5/8" - 11	1	0.09
SYIC - 21003 - 60C	CAT40 - Coolant - II									60°				
SYIC - 21003 - 90C	CAT40 - Coolant - III									90°				
SYIC - 21005 - 45C	CAT50 - Coolant - I	1.496	0.906	0.669	0.827	0.256	3.346	1.772	1.378	45°	1.181	1" - 8	1	0.25
SYIC - 21005 - 60C	CAT50 - Coolant - II									60°				
SYIC - 21005 - 90C	CAT50 - Coolant - III									90°				

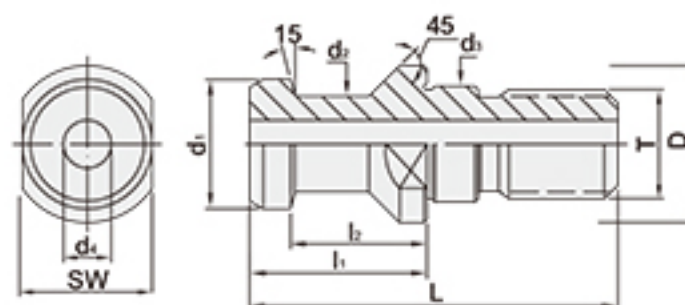
DAT PULL STUDS

COOLANT TYPE

SYIC-49000

DAT 給水型螺栓拉頭

DIN 69872 - A



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

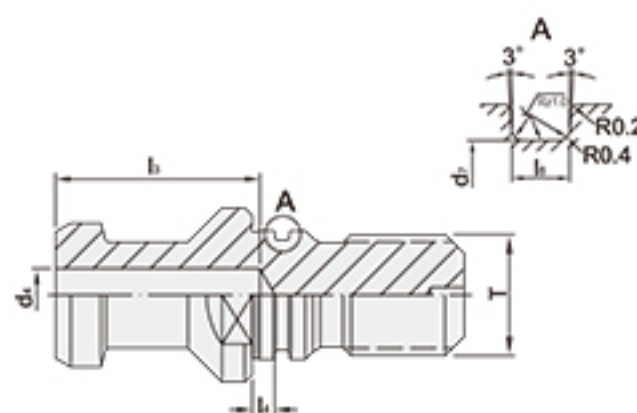
MODEL NO.	TYPE	D	d ₁	d ₂	d ₃	d ₄	L	l ₁	l ₂	SW	T	WEIGHT (KGS)
SYIC - 49001	DAT30 - A	17	13	9	13	-	44	24	19	14	M12	0.03
SYIC - 49003	DAT40 - A	23	19	14	17	7	54	26	20	19	M16	0.09
SYIC - 49005	DAT50 - A	36	28	21	25	11.5	74	34	25	30	M24	0.25

DAT PULL STUDS

SYIC-49010

DAT 螺栓拉頭

DIN 69872 - B



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

MODEL NO.	TYPE	D	d ₁	d ₂	d ₃	d ₄	L	l ₁	l ₂	l ₃	l ₄	SW	T	WEIGHT (KGS)
SYIC - 49011	DAT30 - B	17	13	9	13	-	44	24	19	-	2.3	14	M12	0.03
SYIC - 49013	DAT40 - B	23	19	14	17	7	54	26	20	27	3	19	M16	0.09
SYIC - 49015	DAT50 - B	36	28	21	25	11.5	74	34	25	37	4.5	30	M24	0.25



DAT PULL STUDS COOLANT TYPE

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SYIC-49030

DAT 給水型螺栓拉頭

ISO 7388/2

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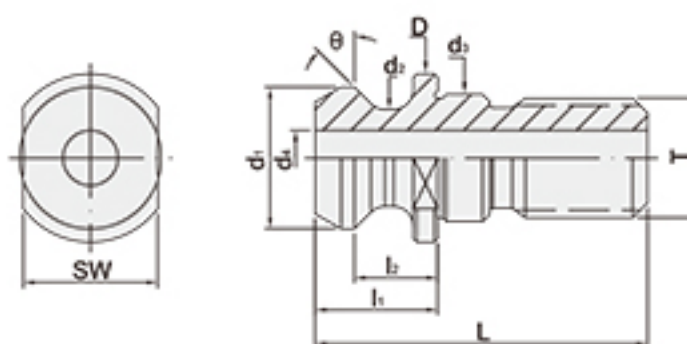
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- Please make sure the pull stud conforms to the machine type.

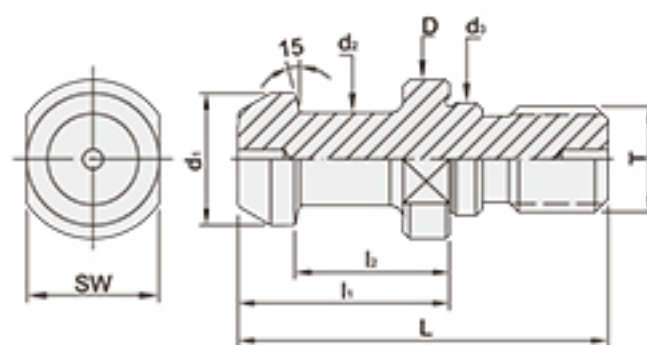
MODEL NO.	TYPE	D	d ₁	d ₂	d ₃	d ₄	L	l ₁	l ₂	θ	SW	T	WEIGHT (KGS)
SYIC - 49032	DAT40 - A	23	19	14	17	7	54	26	20	15°	19	M16	0.09
SYIC - 49034	DAT50 - A	36	28	21	25	11.5	74	34	25		30	M24	0.25
SYIC - 49036	DAT40 - B	22.5	18.95	12.95	17	7.35	44.5	16.4	11.15	45°	18	M16	0.03
SYIC - 49038	DAT50 - B	37	29.1	19.6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



ISO PULL STUDS

SYIC-49000

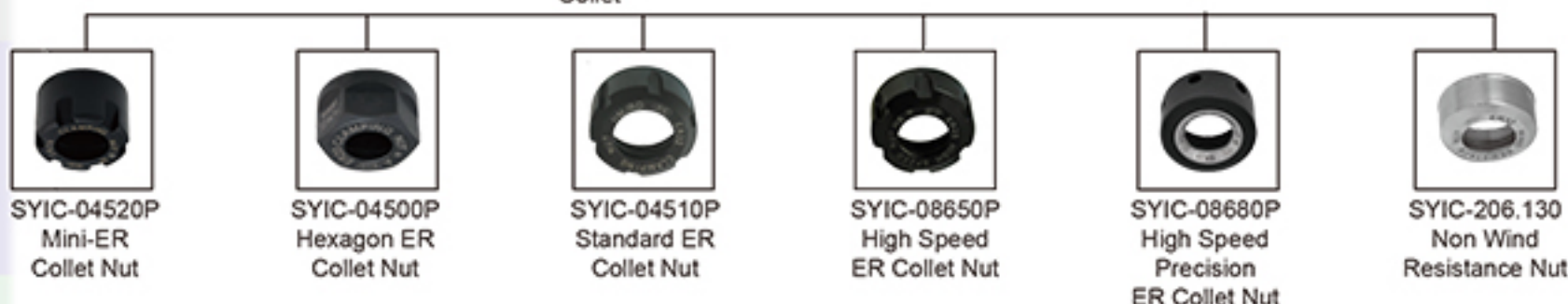
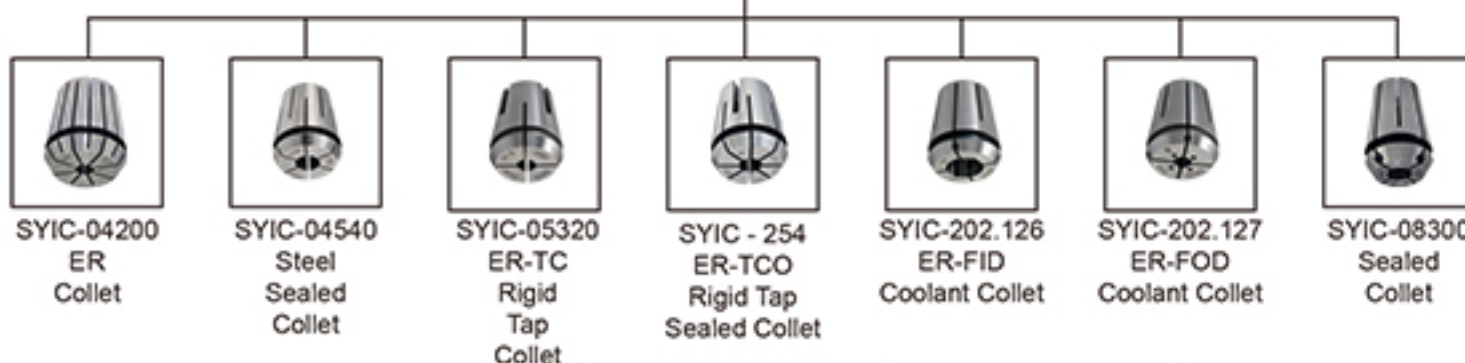
ISO 螺栓拉頭



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

MODEL NO.	TYPE	D	d ₁	d ₂	d ₃	L	l ₁	l ₂	l ₄	SW	T	WEIGHT (KGS)
SYIC - 49000 - ISO20	ISO20 - 15°	12	9	6	8.5	26	12	9	2.7	10	M8	0.01
SYIC - 42194 - ISO25 - 02	ISO25 - 45°	12	10	7	9	31	18	13.5	2.5	10	M8	0.02
SYIC - 49000 - ISO25	ISO25 - 15°	12	10	7	8.5	28	16	11.7	2.5	10	M8	0.02
SYIC - 49001 - 45	ISO30	17	12.8	9	13	45	24	19	4	14	M12	0.03

SYIC'S ER SYSTEM- COMPLETE - ACCURATE - PRODUCTIVE



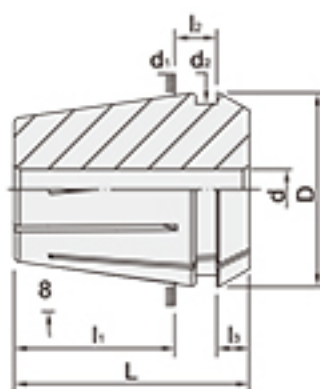
STEEL SEALED COLLET

SYIC-04540

ER 斜槽止水筒夾



T W PAT NO. M 285418
T W PAT NO. M 311516
J P PAT NO. 3124050
C H PAT NO. 696264



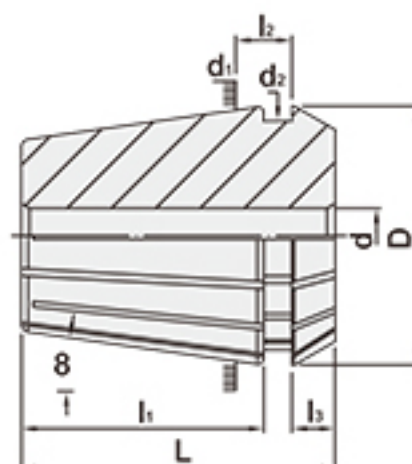
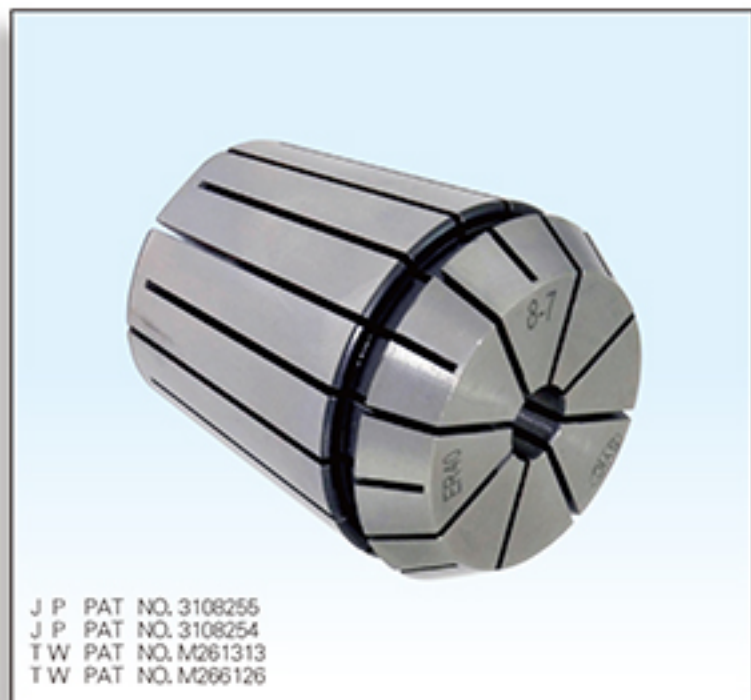
- Surface roughness: Ra<0.25μm.
- Used for coolant-through cutting tools.
- Water pressure up to 70 kgf/cm²(1000PSI).
- Only for tool shank with h6 tolerance and no flexible chucking range.

MODEL NO.	TYPE	d	D	d ₁	L	l ₁	l ₂	l ₃	WEIGHT (KGS)
SYIC - 04542	ER11	3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7	11.5	11	18	11.7	3.8	2.5	0.02
SYIC - 04543	ER16	3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9, 9.5, 10	17	16	27.5	20.8	6.25	4	0.03
SYIC - 04544	ER20	3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9, 9.5, 10, 10.5, 11, 11.5, 12, 12.5, 13	21	20	31.5	23.9	6.36	4.8	0.04
SYIC - 04545	ER25	3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9, 9.5, 10, 10.5, 11, 11.5, 12, 12.5, 13, 13.5, 14, 14.5, 15, 15.5, 16	26	25	34	25.9	6.66	5	0.06
SYIC - 04546	ER32	3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9, 9.5, 10, 10.5, 11, 11.5, 12, 12.5, 13, 13.5, 14, 14.5, 15, 15.5, 16, 16.5, 17, 17.5, 18, 18.5, 19, 19.5, 20	33	32	40	30.9	7.16	5.5	0.10
SYIC - 04547	ER40	3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9, 9.5, 10, 10.5, 11, 11.5, 12, 12.5, 13, 13.5, 14, 14.5, 15, 15.5, 16, 16.5, 17, 17.5, 18, 18.5, 19, 19.5, 20, 20.5, 21, 21.5, 22, 22.5, 23, 23.5, 24, 24.5, 25, 25.5, 26	41	40	46	34.9	7.66	7	0.25

SYIC-04210

ER 彈性筒夾

DIN ISO 15488



- Design: 8 slots in front and back, with good flexibility and convenient for clamping tools.
- Steel: SUJ2 (High-carbon bearing steel: After heat treatment, it has high hardness and toughness, better grinding quality, good flexibility and longer use life.)
- HRC: 46°
- Surface roughness: within Rz2.5
- Chucking range: ER8 = 0.5mm
- ER11, 16, 20, 25, 32, 40 = 1mm. But if the internal hole is less than 2.5mm, the chucking range will be 0.5mm.

- The internal hole is manufactured by precise honing.
- The concentricity is inspected according to DIN-standard. There are three classes of precision: general class 0.02mm, A class 0.01mm.
- UP class is recommended to be used with HSP clamping nut. It will have better processing stability.
- It is used for drills, taps, mills, and reamers, etc.
- It has flexibility and can be applied widely and variably.
- Please inform the required precision when ordering.
- Yearly sales quantity about 1,000,000 pieces.



ER 25
2 ~ 16



ER 32
3 ~ 20



ER 40
4 ~ 26



ER 50
6 ~ 34



ER 8
1 ~ 5



ER 11
1 ~ 7



ER 16
1 ~ 10



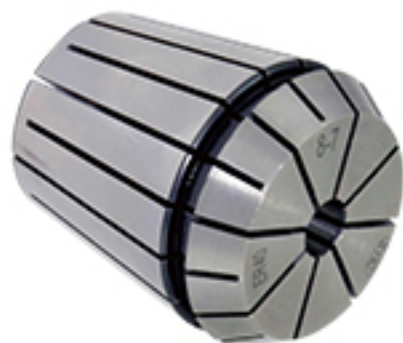
ER 20
2 ~ 13

MODEL NO.	TYPE	E - NO.	SIZE RANGE	D	d ₁	L	l ₁	l ₂	l ₃	WEIGHT (KGS)
SYIC - 04208	ER8	4260E	1.0 ~ 5.0	8.5	8	13.5	10.8	2.98	1.5	0.005
SYIC - 04211	ER11	4009E	1.0 ~ 7.0	11.5	11	18	13.5	3.8	2.5	0.010
SYIC - 04216	ER16	426E	1.0 ~ 10	17	16	27.5	20.8	6.26	4	0.030
SYIC - 04220	ER20	428E	2.0 ~ 13	21	20	31.5	23.9	6.36	4.8	0.040
SYIC - 04225	ER25	430E	2.0 ~ 16	26	25	34	25.9	6.66	5	0.060
SYIC - 04232	ER32	470E	3.0 ~ 20	33	32	40	30.9	7.16	5.5	0.100
SYIC - 04240	ER40	472E	3.0 ~ 26	41	40	46	34.9	7.66	7	0.250
SYIC - 04250	ER50	477E	6.0 ~ 34	52	50	60	46	13.4	8.5	0.450

SYIC-04210

ER 彈性筒夾

DIN ISO 15488



ER 8

MODEL NO.	RANGE	MODEL NO.	RANGE
SYIC - 04208 - 01	1 - 0.5	SYIC - 04208 - 03.5	3.5 - 3
SYIC - 04208 - 01.5	1.5 - 1	SYIC - 04208 - 04	4 - 3.5
SYIC - 04208 - 02	2 - 1.5	SYIC - 04208 - 04.5	4.5 - 4
SYIC - 04208 - 02.5	2.5 - 2	SYIC - 04208 - 05	5 - 4.5
SYIC - 04208 - 03	3 - 2.5		

ER 11

MODEL NO.	RANGE	MODEL NO.	RANGE	MODEL NO.	RANGE	MODEL NO.	RANGE
SYIC - 04211 - 01	1 - 0.5	SYIC - 04211 - 03	3 - 2	SYIC - 04211 - 05	5 - 4	SYIC - 04211 - 07	7 - 6
SYIC - 04211 - 01.5	1.5 - 1	SYIC - 04211 - 03.5	3.5 - 2.5	SYIC - 04211 - 05.5	5.5 - 4.5		
SYIC - 04211 - 02	2 - 1.5	SYIC - 04211 - 04	4 - 3	SYIC - 04211 - 06	6 - 5		
SYIC - 04211 - 02.5	2.5 - 2	SYIC - 04211 - 04.5	4.5 - 3.5	SYIC - 04211 - 06.5	6.5 - 5.5		

ER 16

MODEL NO.	RANGE	MODEL NO.	RANGE	MODEL NO.	RANGE	MODEL NO.	RANGE
SYIC - 04216 - 01	1 - 0.5	SYIC - 04216 - 03.5	3.5 - 2.5	SYIC - 04216 - 06	6 - 5	SYIC - 04216 - 08.5	8.5 - 7.5
SYIC - 04216 - 01.5	1.5 - 1	SYIC - 04216 - 04	4 - 3	SYIC - 04216 - 06.5	6.5 - 5.5	SYIC - 04216 - 09	9 - 8
SYIC - 04216 - 02	2 - 1.5	SYIC - 04216 - 04.5	4.5 - 3.5	SYIC - 04216 - 07	7 - 6	SYIC - 04216 - 09.5	9.5 - 8.5
SYIC - 04216 - 02.5	2.5 - 2	SYIC - 04216 - 05	5 - 4	SYIC - 04216 - 07.5	7.5 - 6.5	SYIC - 04216 - 10	10 - 9
SYIC - 04216 - 03	3 - 2	SYIC - 04216 - 05.5	5.5 - 4.5	SYIC - 04216 - 08	8 - 7		

ER 20

MODEL NO.	RANGE	MODEL NO.	RANGE	MODEL NO.	RANGE	MODEL NO.	RANGE
SYIC - 04220 - 01	1 - 0.5	SYIC - 04220 - 04.5	4.5 - 3.5	SYIC - 04220 - 08	8 - 7	SYIC - 04220 - 11.5	11.5 - 10.5
SYIC - 04220 - 01.5	1.5 - 1	SYIC - 04220 - 05	5 - 4	SYIC - 04220 - 08.5	8.5 - 7.5	SYIC - 04220 - 12	12 - 11
SYIC - 04220 - 02	2 - 1.5	SYIC - 04220 - 05.5	5.5 - 4.5	SYIC - 04220 - 09	9 - 8	SYIC - 04220 - 12.5	12.5 - 11.5
SYIC - 04220 - 02.5	2.5 - 2	SYIC - 04220 - 06	6 - 5	SYIC - 04220 - 09.5	9.5 - 8.5	SYIC - 04220 - 13	13 - 12
SYIC - 04220 - 03	3 - 2	SYIC - 04220 - 06.5	6.5 - 5.5	SYIC - 04220 - 10	10 - 9		
SYIC - 04220 - 03.5	3.5 - 2.5	SYIC - 04220 - 07	7 - 6	SYIC - 04220 - 10.5	10.5 - 9.5		
SYIC - 04220 - 04	4 - 3	SYIC - 04220 - 07.5	7.5 - 6.5	SYIC - 04220 - 11	11 - 10		

ER 25

MODEL NO.	RANGE	MODEL NO.	RANGE	MODEL NO.	RANGE	MODEL NO.	RANGE
SYIC - 04225 - 01	1 - 0.5	SYIC - 04225 - 05	5 - 4	SYIC - 04225 - 09	9 - 8	SYIC - 04225 - 13	13 - 12
SYIC - 04225 - 01.5	1.5 - 1	SYIC - 04225 - 05.5	5.5 - 4.5	SYIC - 04225 - 09.5	9.5 - 8.5	SYIC - 04225 - 13.5	13.5 - 12.5
SYIC - 04225 - 02	2 - 1.5	SYIC - 04225 - 06	6 - 5	SYIC - 04225 - 10	10 - 9	SYIC - 04225 - 14	14 - 13
SYIC - 04225 - 02.5	2.5 - 2	SYIC - 04225 - 06.5	6.5 - 5.5	SYIC - 04225 - 10.5	10.5 - 9.5	SYIC - 04225 - 14.5	14.5 - 13.5
SYIC - 04225 - 03	3 - 2	SYIC - 04225 - 07	7 - 6	SYIC - 04225 - 11	11 - 10	SYIC - 04225 - 15	15 - 14
SYIC - 04225 - 03.5	3.5 - 2.5	SYIC - 04225 - 07.5	7.5 - 6.5	SYIC - 04225 - 11.5	11.5 - 10.5	SYIC - 04225 - 15.5	15.5 - 14.5
SYIC - 04225 - 04	4 - 3	SYIC - 04225 - 08	8 - 7	SYIC - 04225 - 12	12 - 11	SYIC - 04225 - 16	16 - 15
SYIC - 04225 - 04.5	4.5 - 3.5	SYIC - 04225 - 08.5	8.5 - 7.5	SYIC - 04225 - 12.5	12.5 - 11.5		



ER COLLET METRIC SIZE

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SYIC-04210

ER 彈性筒夾

DIN ISO 15488

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SHRINK FIT

ACCESSORIES

KIT

TECHNICAL INFO.

ER 32

MODEL NO.	RANGE	MODEL NO.	RANGE	MODEL NO.	RANGE	MODEL NO.	RANGE
SYIC - 04232 - 02	2 - 1.5	SYIC - 04232 - 07	7 - 6	SYIC - 04232 - 12	12 - 11	SYIC - 04232 - 17	17 - 16
SYIC - 04232 - 02.5	2.5 - 2	SYIC - 04232 - 07.5	7.5 - 6.5	SYIC - 04232 - 12.5	12.5 - 11.5	SYIC - 04232 - 17.5	17.5 - 16.5
SYIC - 04232 - 03	3 - 2	SYIC - 04232 - 08	8 - 7	SYIC - 04232 - 13	13 - 12	SYIC - 04232 - 18	18 - 17
SYIC - 04232 - 03.5	3.5 - 2.5	SYIC - 04232 - 08.5	8.5 - 7.5	SYIC - 04232 - 13.5	13.5 - 12.5	SYIC - 04232 - 18.5	18.5 - 17.5
SYIC - 04232 - 04	4 - 3	SYIC - 04232 - 09	9 - 8	SYIC - 04232 - 14	14 - 13	SYIC - 04232 - 19	19 - 18
SYIC - 04232 - 04.5	4.5 - 3.5	SYIC - 04232 - 09.5	9.5 - 8.5	SYIC - 04232 - 14.5	14.5 - 13.5	SYIC - 04232 - 19.5	19.5 - 18.5
SYIC - 04232 - 05	5 - 4	SYIC - 04232 - 10	10 - 9	SYIC - 04232 - 15	15 - 14	SYIC - 04232 - 20	20 - 19
SYIC - 04232 - 05.5	5.5 - 4.5	SYIC - 04232 - 10.5	10.5 - 9.5	SYIC - 04232 - 15.5	15.5 - 14.5		
SYIC - 04232 - 06	6 - 5	SYIC - 04232 - 11	11 - 10	SYIC - 04232 - 16	16 - 15		
SYIC - 04232 - 06.5	6.5 - 5.5	SYIC - 04232 - 11.5	11.5 - 10.5	SYIC - 04232 - 16.5	16.5 - 15.5		

ER 40

MODEL NO.	RANGE	MODEL NO.	RANGE	MODEL NO.	RANGE	MODEL NO.	RANGE
SYIC - 04240 - 03	3 - 2	SYIC - 04240 - 09	9 - 8	SYIC - 04240 - 15	15 - 14	SYIC - 04240 - 21	21 - 20
SYIC - 04240 - 03.5	3.5 - 2.5	SYIC - 04240 - 09.5	9.5 - 8.5	SYIC - 04240 - 15.5	15.5 - 14.5	SYIC - 04240 - 21.5	21.5 - 20.5
SYIC - 04240 - 04	4 - 3	SYIC - 04240 - 10	10 - 9	SYIC - 04240 - 16	16 - 15	SYIC - 04240 - 22	22 - 21
SYIC - 04240 - 04.5	4.5 - 3.5	SYIC - 04240 - 10.5	10.5 - 9.5	SYIC - 04240 - 16.5	16.5 - 15.5	SYIC - 04240 - 22.5	22.5 - 21.5
SYIC - 04240 - 05	5 - 4	SYIC - 04240 - 11	11 - 10	SYIC - 04240 - 17	17 - 16	SYIC - 04240 - 23	23 - 22
SYIC - 04240 - 05.5	5.5 - 4.5	SYIC - 04240 - 11.5	11.5 - 10.5	SYIC - 04240 - 17.5	17.5 - 16.5	SYIC - 04240 - 23.5	23.5 - 22.5
SYIC - 04240 - 06	6 - 5	SYIC - 04240 - 12	12 - 11	SYIC - 04240 - 18	18 - 17	SYIC - 04240 - 24	24 - 23
SYIC - 04240 - 06.5	6.5 - 5.5	SYIC - 04240 - 12.5	12.5 - 11.5	SYIC - 04240 - 18.5	18.5 - 17.5	SYIC - 04240 - 24.5	24.5 - 23.5
SYIC - 04240 - 07	7 - 6	SYIC - 04240 - 13	13 - 12	SYIC - 04240 - 19	19 - 18	SYIC - 04240 - 25	25 - 24
SYIC - 04240 - 07.5	7.5 - 6.5	SYIC - 04240 - 13.5	13.5 - 12.5	SYIC - 04240 - 19.5	19.5 - 18.5	SYIC - 04240 - 25.5	25.5 - 24.5
SYIC - 04240 - 08	8 - 7	SYIC - 04240 - 14	14 - 13	SYIC - 04240 - 20	20 - 19	SYIC - 04240 - 26	26 - 25
SYIC - 04240 - 08.5	8.5 - 7.5	SYIC - 04240 - 14.5	14.5 - 13.5	SYIC - 04240 - 20.5	20.5 - 19.5		

ER 50

MODEL NO.	RANGE	MODEL NO.	RANGE	MODEL NO.	RANGE	MODEL NO.	RANGE
SYIC - 04250 - 06	6 - 5	SYIC - 04250 - 14	14 - 12	SYIC - 04250 - 22	22 - 20	SYIC - 04250 - 30	30 - 28
SYIC - 04250 - 07	7 - 6	SYIC - 04250 - 15	15 - 13	SYIC - 04250 - 23	23 - 21	SYIC - 04250 - 31	31 - 29
SYIC - 04250 - 08	8 - 7	SYIC - 04250 - 16	16 - 14	SYIC - 04250 - 24	24 - 22	SYIC - 04250 - 32	32 - 30
SYIC - 04250 - 09	9 - 8	SYIC - 04250 - 17	17 - 15	SYIC - 04250 - 25	25 - 23	SYIC - 04250 - 33	33 - 31
SYIC - 04250 - 10	10 - 9	SYIC - 04250 - 18	18 - 16	SYIC - 04250 - 26	26 - 24	SYIC - 04250 - 34	34 - 32
SYIC - 04250 - 11	11 - 9	SYIC - 04250 - 19	19 - 17	SYIC - 04250 - 27	27 - 25		
SYIC - 04250 - 12	12 - 10	SYIC - 04250 - 20	20 - 18	SYIC - 04250 - 28	28 - 26		
SYIC - 04250 - 13	13 - 11	SYIC - 04250 - 21	21 - 19	SYIC - 04250 - 29	29 - 27		



ER COLLET

INCH SIZE

ER 8

MODEL NO.	RANGE
SYIC - 04208 - 1/16"	0.043" - 0.062"
SYIC - 04208 - 1/8"	0.086" - 0.125"
SYIC - 04208 - 3/16"	0.148" - 0.187"

ER 11

MODEL NO.	RANGE	MODEL NO.	RANGE
SYIC - 04211 - 1/16"	0.043" - 0.062"	SYIC - 04211 - 3/16"	0.148" - 0.187"
SYIC - 04211 - 3/32"	0.054" - 0.093"	SYIC - 04211 - 7/32"	0.179" - 0.218"
SYIC - 04211 - 1/8"	0.086" - 0.125"	SYIC - 04211 - 1/4"	0.211" - 0.250"
SYIC - 04211 - 5/32"	0.117" - 0.156"		

ER 16

MODEL NO.	RANGE	MODEL NO.	RANGE	MODEL NO.	RANGE
SYIC - 04216 - 1/16"	0.043" - 0.062"	SYIC - 04216 - 3/16"	0.148" - 0.187"	SYIC - 04216 - 5/16"	0.273" - 0.312"
SYIC - 04216 - 3/32"	0.054" - 0.093"	SYIC - 04216 - 7/32"	0.179" - 0.218"	SYIC - 04216 - 11/32"	0.304" - 0.343"
SYIC - 04216 - 1/8"	0.086" - 0.125"	SYIC - 04216 - 1/4"	0.211" - 0.250"	SYIC - 04216 - 3/8"	0.336" - 0.375"
SYIC - 04216 - 5/32"	0.117" - 0.156"	SYIC - 04216 - 9/32"	0.242" - 0.281"	SYIC - 04216 - 13/32"	0.367" - 0.406"

ER 20

MODEL NO.	RANGE	MODEL NO.	RANGE	MODEL NO.	RANGE
SYIC - 04220 - 1/16"	0.043" - 0.062"	SYIC - 04220 - 7/32"	0.179" - 0.218"	SYIC - 04220 - 3/8"	0.336" - 0.375"
SYIC - 04220 - 3/32"	0.054" - 0.093"	SYIC - 04220 - 1/4"	0.211" - 0.250"	SYIC - 04220 - 13/32"	0.367" - 0.406"
SYIC - 04220 - 1/8"	0.086" - 0.125"	SYIC - 04220 - 9/32"	0.242" - 0.281"	SYIC - 04220 - 7/16"	0.398" - 0.437"
SYIC - 04220 - 5/32"	0.117" - 0.156"	SYIC - 04220 - 5/16"	0.273" - 0.312"	SYIC - 04220 - 15/32"	0.429" - 0.468"
SYIC - 04220 - 3/16"	0.148" - 0.187"	SYIC - 04220 - 11/32"	0.304" - 0.343"	SYIC - 04220 - 1/2"	0.461" - 0.500"

ER 25

MODEL NO.	RANGE	MODEL NO.	RANGE	MODEL NO.	RANGE
SYIC - 04225 - 3/32"	0.054" - 0.093"	SYIC - 04225 - 9/32"	0.242" - 0.281"	SYIC - 04225 - 15/32"	0.429" - 0.468"
SYIC - 04225 - 1/8"	0.086" - 0.125"	SYIC - 04225 - 5/16"	0.273" - 0.312"	SYIC - 04225 - 1/2"	0.461" - 0.500"
SYIC - 04225 - 5/32"	0.117" - 0.156"	SYIC - 04225 - 11/32"	0.304" - 0.343"	SYIC - 04225 - 17/32"	0.492" - 0.531"
SYIC - 04225 - 3/16"	0.148" - 0.187"	SYIC - 04225 - 3/8"	0.336" - 0.375"	SYIC - 04225 - 9/16"	0.523" - 0.562"
SYIC - 04225 - 7/32"	0.179" - 0.218"	SYIC - 04225 - 13/32"	0.367" - 0.406"	SYIC - 04225 - 19/32"	0.554" - 0.593"
SYIC - 04225 - 1/4"	0.211" - 0.250"	SYIC - 04225 - 7/16"	0.398" - 0.437"	SYIC - 04225 - 5/8"	0.586" - 0.625"

ER 32

MODEL NO.	RANGE	MODEL NO.	RANGE	MODEL NO.	RANGE
SYIC - 04232 - 1/16"	0.043" - 0.062"	SYIC - 04232 - 5/16"	0.273" - 0.312"	SYIC - 04232 - 9/16"	0.523" - 0.562"
SYIC - 04232 - 3/32"	0.054" - 0.093"	SYIC - 04232 - 11/32"	0.304" - 0.343"	SYIC - 04232 - 19/32"	0.554" - 0.593"
SYIC - 04232 - 1/8"	0.086" - 0.125"	SYIC - 04232 - 3/8"	0.336" - 0.375"	SYIC - 04232 - 5/8"	0.586" - 0.625"
SYIC - 04232 - 5/32"	0.117" - 0.156"	SYIC - 04232 - 13/32"	0.367" - 0.406"	SYIC - 04232 - 21/32"	0.617" - 0.656"
SYIC - 04232 - 3/16"	0.148" - 0.187"	SYIC - 04232 - 7/16"	0.398" - 0.437"	SYIC - 04232 - 11/16"	0.648" - 0.687"
SYIC - 04232 - 7/32"	0.179" - 0.218"	SYIC - 04232 - 15/32"	0.429" - 0.468"	SYIC - 04232 - 23/32"	0.679" - 0.718"
SYIC - 04232 - 1/4"	0.211" - 0.250"	SYIC - 04232 - 1/2"	0.461" - 0.500"	SYIC - 04232 - 3/4"	0.711" - 0.750"
SYIC - 04232 - 9/32"	0.242" - 0.281"	SYIC - 04232 - 17/32"	0.492" - 0.531"		

ER 40

MODEL NO.	RANGE	MODEL NO.	RANGE	MODEL NO.	RANGE
SYIC - 04240 - 1/8"	0.086" - 0.125"	SYIC - 04240 - 3/8"	0.336" - 0.375"	SYIC - 04240 - 5/8"	0.586" - 0.625"
SYIC - 04240 - 5/32"	0.117" - 0.156"	SYIC - 04240 - 13/32"	0.367" - 0.406"	SYIC - 04240 - 21/32"	0.617" - 0.656"
SYIC - 04240 - 3/16"	0.148" - 0.187"	SYIC - 04240 - 7/16"	0.398" - 0.437"	SYIC - 04240 - 11/16"	0.648" - 0.687"
SYIC - 04240 - 7/32"	0.179" - 0.218"	SYIC - 04240 - 15/32"	0.429" - 0.468"	SYIC - 04240 - 23/32"	0.679" - 0.718"
SYIC - 04240 - 1/4"	0.211" - 0.250"	SYIC - 04240 - 1/2"	0.461" - 0.500"	SYIC - 04240 - 3/4"	0.711" - 0.750"
SYIC - 04240 - 9/32"	0.242" - 0.281"	SYIC - 04240 - 17/32"	0.492" - 0.531"	SYIC - 04240 - 7/8"	0.836" - 0.875"
SYIC - 04240 - 5/16"	0.273" - 0.312"	SYIC - 04240 - 9/16"	0.523" - 0.562"	SYIC - 04240 - 1"	0.961" - 1.00"
SYIC - 04240 - 11/32"	0.304" - 0.343"	SYIC - 04240 - 19/32"	0.554" - 0.593"		

ER 50

MODEL NO.	RANGE	MODEL NO.	RANGE	MODEL NO.	RANGE
SYIC - 04250 - 7/32"	0.179" - 0.219"	SYIC - 04250 - 17/32"	0.453" - 0.531"	SYIC - 04250 - 1"	0.921" - 1.000"
SYIC - 04250 - 1/4"	0.211" - 0.250"	SYIC - 04250 - 5/8"	0.546" - 0.625"	SYIC - 04250 - 1-3/32"	1.015" - 1.094"
SYIC - 04250 - 5/16"	0.273" - 0.313"	SYIC - 04250 - 11/16"	0.609" - 0.688"	SYIC - 04250 - 1-3/16"	1.109" - 1.188"
SYIC - 04250 - 11/32"	0.304" - 0.344"	SYIC - 04250 - 25/32"	0.703" - 0.781"	SYIC - 04250 - 1-1/4"	1.171" - 1.250"
SYIC - 04250 - 3/8"	0.336" - 0.375"	SYIC - 04250 - 27/32"	0.765" - 0.844"	SYIC - 04250 - 1-5/16"	1.234" - 1.313"
SYIC - 04250 - 7/16"	0.359" - 0.438"	SYIC - 04250 - 15/16"	0.859" - 0.938"		

SYIC-04300

ER 彈性筒夾

DIN ISO 15488



- Design: 6 slots in front and back, with better precision stability.
- Steel: SUJ2 (High-carbon bearing steel: After heat treatment, it has rigid hardness and toughness, better grinding quality and longer use life.)
- HRC: 46°
- Surface roughness: within Rz2.5
- The design of 6 slot in front and back increases precision stability and clamping one size tool is more recommended.
- The internal hole is manufactured by precise honing.
- The concentricity is inspected according to DIN-standard. There are three classes of precision: general class 0.02mm, A class 0.01mm, and UP class 0.005mm.
- UP class is recommended to be used with HSP clamping nut. It will have better processing stability.
- It is used for drills, taps, mills, and reamers, etc.
- Please inform the required precision when ordering.

ER 11		ER 20		ER 25		ER 32		ER 40	
MODEL NO.	SIZE	MODEL NO.	SIZE	MODEL NO.	SIZE	MODEL NO.	SIZE	MODEL NO.	SIZE
04311 - 01	1	04320 - 01	1						
04311 - 02	2	04320 - 02	2	04325 - 02	2				
04311 - 03	3	04320 - 03	3	04325 - 03	3	04332 - 03	3	04340 - 03	3
04311 - 04	4	04320 - 04	4	04325 - 04	4	04332 - 04	4	04340 - 04	4
04311 - 05	5	04320 - 05	5	04325 - 05	5	04332 - 05	5	04340 - 05	5
04311 - 06	6	04320 - 06	6	04325 - 06	6	04332 - 06	6	04340 - 06	6
04311 - 07	7	04320 - 07	7	04325 - 07	7	04332 - 07	7	04340 - 07	7
		04320 - 08	8	04325 - 08	8	04332 - 08	8	04340 - 08	8
		04320 - 09	9	04325 - 09	9	04332 - 09	9	04340 - 09	9
		04320 - 10	10	04325 - 10	10	04332 - 10	10	04340 - 10	10
		04320 - 11	11	04325 - 11	11	04332 - 11	11	04340 - 11	11
		04320 - 12	12	04325 - 12	12	04332 - 12	12	04340 - 12	12
		04320 - 13	13	04325 - 13	13	04332 - 13	13	04340 - 13	13
				04325 - 14	14	04332 - 14	14	04340 - 14	14
				04325 - 15	15	04332 - 15	15	04340 - 15	15
				04325 - 16	16	04332 - 16	16	04340 - 16	16
ER 16						04332 - 17	17	04340 - 17	17
						04332 - 18	18	04340 - 18	18
						04332 - 19	19	04340 - 19	19
						04332 - 20	20	04340 - 20	20
MODEL NO.	SIZE							04340 - 21	21
04316 - 01	1							04340 - 22	22
04316 - 02	2							04340 - 23	23
04316 - 03	3							04340 - 24	24
04316 - 04	4							04340 - 25	25
04316 - 05	5							04340 - 26	26
04316 - 06	6								
04316 - 07	7								
04316 - 08	8								
04316 - 09	9								
04316 - 10	10								

SYIC-04300

ER 彈性筒夾

DIN ISO 15488



- Design: 6 slots in front and back, with better precision stability.
- Steel: SUJ2 (High-carbon bearing steel: After heat treatment, it has rigid hardness and toughness, better grinding quality and longer use life.)
- HRC: 46°
- Surface roughness: within Rz2.5
- The design of 6 slot in front and back increases precision stability and clamping one size tool is more recommended.
- The internal hole is manufactured by precise honing.
- The concentricity is inspected according to DIN-standard. There are three classes of precision: general class 0.02mm, A class 0.01mm, and UP class 0.005mm.
- UP class is recommended to be used with HSP clamping nut. It will have better processing stability.
- It is used for drills, taps, mills, and reamers, etc.
- Please inform the required precision when ordering.

ER 11		ER 20		ER 25		ER 32		ER 40	
MODEL NO.	SIZE	MODEL NO.	SIZE	MODEL NO.	SIZE	MODEL NO.	SIZE	MODEL NO.	SIZE
04311 - 1/16	1/16	04320 - 1/16	1/16	04325 - 1/16	1/16	04332 - 1/16	1/16		
04311 - 3/32	3/32	04320 - 3/32	3/32	04325 - 3/32	3/32	04332 - 3/32	3/32		
04311 - 1/8	1/8	04320 - 1/8	1/8	04325 - 1/8	1/8	04332 - 1/8	1/8	04340 - 1/8	1/8
04311 - 5/32	5/32	04320 - 5/32	5/32	04325 - 5/32	5/32	04332 - 5/32	5/32	04340 - 5/32	5/32
04311 - 3/16	3/16	04320 - 3/16	3/16	04325 - 3/16	3/16	04332 - 3/16	3/16	04340 - 3/16	3/16
04311 - 7/32	7/32	04320 - 7/32	7/32	04325 - 7/32	7/32	04332 - 7/32	7/32	04340 - 7/32	7/32
04311 - 1/4	1/4	04320 - 1/4	1/4	04325 - 1/4	1/4	04332 - 1/4	1/4	04340 - 1/4	1/4
04311 - 9/32	9/32	04320 - 9/32	9/32	04325 - 9/32	9/32	04332 - 9/32	9/32	04340 - 9/32	9/32
		04320 - 5/16	5/16	04325 - 5/16	5/16	04332 - 5/16	5/16	04340 - 5/16	5/16
		04320 - 11/32	11/32	04325 - 11/32	11/32	04332 - 11/32	11/32	04340 - 11/32	11/32
		04320 - 3/8	3/8	04325 - 3/8	3/8	04332 - 3/8	3/8	04340 - 3/8	3/8
		04320 - 13/32	13/32	04325 - 13/32	13/32	04332 - 13/32	13/32	04340 - 13/32	13/32
		04320 - 7/16	7/16	04325 - 7/16	7/16	04332 - 7/16	7/16	04340 - 7/16	7/16
		04320 - 15/32	15/32	04325 - 15/32	15/32	04332 - 15/32	15/32	04340 - 15/32	15/32
ER 16		04320 - 1/2	1/2	04325 - 1/2	1/2	04332 - 1/2	1/2	04340 - 1/2	1/2
				04325 - 17/32	17/32	04332 - 17/32	17/32	04340 - 17/32	17/32
MODEL NO.	SIZE			04325 - 9/16	9/16	04332 - 9/16	9/16	04340 - 9/16	9/16
				04325 - 19/32	19/32	04332 - 19/32	19/32	04340 - 19/32	19/32
04316 - 1/16	1/16			04325 - 5/8	5/8	04332 - 5/8	5/8	04340 - 5/8	5/8
04316 - 3/32	3/32			04325 - 3/4	3/4	04332 - 21/32	21/32	04340 - 21/32	21/32
04316 - 1/8	1/8					04332 - 11/16	11/16	04340 - 11/16	11/16
04316 - 5/32	5/32					04332 - 23/32	23/32	04340 - 23/32	23/32
04316 - 3/16	3/16					04332 - 3/4	3/4	04340 - 3/4	3/4
04316 - 7/32	7/32							04340 - 25/32	25/32
04316 - 1/4	1/4							04340 - 13/16	13/16
04316 - 9/32	9/32							04340 - 27/32	27/32
04316 - 5/16	5/16							04340 - 7/8	7/8
04316 - 11/32	11/32							04340 - 29/32	29/32
04316 - 3/8	3/8							04340 - 15/16	15/16
04316 - 13/32	13/32							04340 - 31/32	31/32
								04340 - 1	1



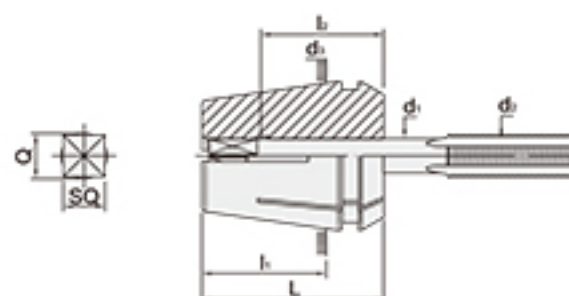
ER - TC RIGID TAP COLLETS

SYIC-05320

ER 鋼性攻牙筒夾



T W PAT NO. 148435
T W PAT NO. 333253
C H PAT NO. 693702
C N PAT NO. 200820102787.2



- Steel: SUJ2. • HRC 46°.
- Suitable for rigid tapping in machine centers and other tapping machines.
- External dia. is based on DIN ISO 15488.
- When making an order, please inform collet type and the size of d1.

MODEL NO.	TYPE	d ₁	L	l ₁	CAPACITY	WEIGHT (KGS)
SYIC - 05320	ER 16	16	27.5	20.8	M3 ~ M10	0.03
SYIC - 05410	ER 20	20	31.5	23.9	M3 ~ M17	0.04
SYIC - 05510	ER 25	25	34	25.9	M3 ~ M22	0.06
SYIC - 05570	ER 32	32	40	31.8	M3 ~ M27	0.10
SYIC - 05710	ER 40	40	46	35.5	M3 ~ M27	0.25
SYIC - 05780	ER 50	50	60	46	M10 ~ M33	0.45

ER - TC16 RIGID TAP COLLET

MODEL NO.	d ₁	Q	d ₂	SQ	l ₂	STANDARD	MODEL NO.	d ₁	Q	d ₂	SQ	l ₂	STANDARD	MODEL NO.	d ₁	Q	d ₂	SQ	l ₂	STANDARD
05322	2.24	2	M3	1.8	18	ISO-529	05336	4.5	4	M4	3.4	18	DIN-371	05346	6.3	5.21	M6	5	18	ISO-529
05324	2.5	2.2	M3.5	2.1		DIN-376				M6	3.4		DIN-376				M8	5		ISO-529
			M3.5	2		ISO-529				M6	3.55		ISO-529				M9	5.5		JIS
05326	2.8	2.6	M4	2.1		DIN-376	05338	5	4.7	M4	4		JIS	05348	7	5.84	M10	5.5		JIS
05328	3.15	2.9	M3	2.5		ISO-529				M4.5	4		JIS				M10	5.5		DIN-352
			M4	2.5		ISO-529				M5	4		ISO-529				M10	5.5		DIN-376
05330	3.5	3.3	M3	2.7		DIN-352	05340	5.5	4.73	M5	4.5		JIS	05350	8	6.88	M8	6.2		DIN-371
			M3	2.7		DIN-371				M5.5	4.5		JIS				M8	6.3		ISO-529
			M5	2.7		DIN-376				M5	4.9		DIN-352				M10	6.3		ISO-529
05332	3.55	3.3	M3.5	2.8		ISO-529	05342	6	5.09	M5	4.9		DIN-371	05352	8.5	7.14	M12	6.5		JIS
			M4.5	2.8		ISO-529				M6	4.5		JIS				M12	7		DIN-352
05334	4	3.8	M3	3.2		JIS				M6	4.9		DIN-352	05354	9	7.95	M12	7		DIN-376
			M3.5	3		DIN-352				M6	4.9		DIN-371				M12	7.1		ISO-529
			M3.5	3		DIN-371				M8	4.9		DIN-352	05356	10	9.16	M10	8		DIN-371
			M4	3.15		ISO-529				M8	4.9		DIN-376				M10	8		ISO-529
			M5	3.15		ISO-529				M7	5		JIS							
05336	4.5	4.0	M4	3.4		DIN-352	05344	6.2	5.21	M8	5		JIS							

ER - TC20 RIGID TAP COLLET

MODEL NO.	d ₁	Q	d ₂	SQ	l ₂	STANDARD	MODEL NO.	d ₁	Q	d ₂	SQ	l ₂	STANDARD	MODEL NO.	d ₁	Q	d ₂	SQ	l ₂	STANDARD		
05412	2.24	2	M3	1.8	18	ISO-529	05430	5	4.7	M4	4	18	JIS	05442	8	6.88	M8	6.2	22	DIN-371		
05416	2.5	2.2	M3.5	2.1		DIN-376				M4.5	4		JIS				M8	6.3		ISO-529		
			M3.5	2		ISO-529				M5	4		ISO-529				M10	6.3		ISO-529		
05418	2.8	2.6	M4	2.1		DIN-376	05432	5.5	4.73	M5	4.5		JIS	05444	8.5	7.14	M11	6		JIS		
05420	3.15	2.9	M3	2.5		ISO-529				M5.5	4.5		JIS				M12	6.5		JIS		
			M4	2.5		ISO-529				M5	4.9		DIN-352	05446	9	7.95	M12	7		DIN-352		
05422	3.5	3.3	M3	2.7		DIN-352	M5	4.9	DIN-371	M12	7		DIN-376									
			M3	2.7		DIN-371	M6	4.5	JIS	M12	7.1		ISO-529									
			M5	2.7		DIN-376	M6	4.9	DIN-352	05448	10		9.16	M10	8	DIN-371						
05424	3.55	3.3	M3.5	2.8		ISO-529	M6	4.9	DIN-371					M10	8	ISO-529						
			M4.5	2.8		ISO-529	05434	6	5.09	M8	4.9		DIN-352	05450	10.5	9.16	M14	8	JIS			
05426	4	3.8	M3	3.2		JIS				M8	4.9		DIN-376				M15	8	JIS			
			M3.5	3		DIN-352				05436	6.2		5.21				M7	5	JIS	05452	11	10.53
			M3.5	3		DIN-371	M8	5	JIS								M14	9	DIN-376			
			M4	3.15		ISO-529	05438	6.3	5.21	M6	5		ISO-529	05454	11.2	10.53	M14	9	ISO-529			
			M5	3.15		ISO-529				M8	5		ISO-529				M16	9	DIN-352			
05428	4.5	4.0	M4	3.4		DIN-352	05440	7	5.81	M9	5.5		JIS	05456	12	10.53	M16	9	DIN-376			
			M4	3.4		DIN-371				M10	5.5		JIS				M16	10	JIS			
			M6	3.4		DIN-376				M10	5.5		DIN-352	05458	12.5	11.91	M16	10	ISO-529			
			M6	3.55		ISO-529				M10	5.5		DIN-376				05460	13	11.91	M17	10	JIS

ER - TC25 RIGID TAP COLLET

MODEL NO.	d ₁	Q	d ₂	SQ	l ₂	STANDARD	MODEL NO.	d ₁	Q	d ₂	SQ	l ₂	STANDARD	MODEL NO.	d ₁	Q	d ₂	SQ	l ₂	STANDARD
05512	2.24	2	M3	1.8	18	ISO-529	05532	5.5	4.73	M5	4.5	18	JIS	05548	9	7.95	M12	7	22	DIN-376
05514	2.5	2.2	M3.5	2.1		DIN-376				M5.5	4.5		JIS				M12	7.1		ISO-529
			M3.5	2		ISO-529	05550	10	9.16	M10	8		DIN-371							
			05516	2.8		2.6				M4	2.1		DIN-376	M10	8	ISO-529				
05518	3.15	2.9	M3	2.5		ISO-529	05534	6	5.09	M5	4.9		JIS	05552	10.5	9.16	M14	8	25	JIS
			M4	2.5		ISO-529				M6	4.5						DIN-352	M15		8
05520	3.5	3.3	M3	2.7		DIN-352				M6	4.9		DIN-371	05554	11	10.53	M14	9	DIN-352	
			M3	2.7		DIN-371				M14	9		DIN-376							
			M5	2.7		DIN-376				M8	4.9	DIN-376	05556	11.2	10.53	M14	9	ISO-529		
05522	3.55	3.3	M3.5	2.8		ISO-529	05536	6.2	5.21	M7	5	JIS	05558	12	10.53	M16	9	DIN-352		
			M4.5	2.8		ISO-529				M8	5	JIS				M16	9	DIN-376		
05524	4	3.8	M3	3.2	JIS	05538	6.3	5.21	M6	5	ISO-529	05560	12.5	11.91	M16	10	JIS			
			M3.5	3	DIN-352				M8	5	ISO-529				M16	10	ISO-529			
			M3.5	3	DIN-371	05540	7	5.84	M9	5.5	JIS	05562	13	11.91	M17	10	JIS			
			M4	3.15	ISO-529				JIS	05564	14				12.97	M18	11	JIS		
			M5	3.15	ISO-529							M10	5.5	DIN-352		M18	11	DIN-352		
05526	4.5	4.0	M4	3.4	DIN-352	05542	8	6.88	M10	5.5	DIN-376	05566	15	14.06	M18	11	DIN-376			
			M4	3.4	DIN-371				M8	6.2	DIN-371				M18	11.2	ISO-529			
			M6	3.4	DIN-376	M8	6.3	ISO-529	M20	11.2	ISO-529									
			M6	3.55	ISO-529	M10	6.3	ISO-529	M20	12	JIS									
05530	5	4.7	M4	4	JIS	05546	8.5	7.14	M11	6	JIS	05568	16	14.8	M20	12	DIN-352			
			M4.5	4	JIS				M12	6.5	JIS				M20	12	DIN-376			
			M5	4	ISO-529				M12	7	DIN-352				M22	12.5	ISO-529			

ER - TC32 RIGID TAP COLLET

MODEL NO.	d ₁	Q	d ₂	SQ	l ₂	STANDARD	MODEL NO.	d ₁	Q	d ₂	SQ	l ₂	STANDARD	MODEL NO.	d ₁	Q	d ₂	SQ	l ₂	STANDARD
05572	2.24	2	M3	1.8	18	ISO-529	05592	6	5.09	M6	4.5	18	JIS	05610	11	10.53	M14	9	25	DIN-376
05574	2.5	2.2	M3.5	2.1		DIN-376				M6	4.9		DIN-352	05612	11.2	10.53	M14	9		ISO-529
			M3.5	2		ISO-529				M6	4.9		DIN-371	05614	12	10.53	M16	9		DIN-352
05576	2.8	2.6	M4	2.1		DIN-376				M8	4.9		DIN-352				M16	9		DIN-376
05578	3.15	2.9	M3	2.5		ISO-529	M8	4.9	DIN-376	05616	12.5		11.91	M16	10	JIS				
			M4	2.5		ISO-529	M16	10	ISO-529											
05580	3.5	3.3	M3	2.7		DIN-352	05594	6.2	5.21	M7	5		JIS	05618	13	11.91	M17	10		JIS
			M3	2.7		DIN-371				M8	5		JIS				M18	11		JIS
			M5	2.7		DIN-376	05596	6.3	5.21	M6	5		ISO-529	05620	14	12.97	M18	11		DIN-352
05582	3.55	3.3	M3.5	2.8		ISO-529				M8	5		ISO-529				M18	11		DIN-376
			M4.5	2.8		ISO-529	M9	5.5	JIS	M18	11.2		ISO-529							
05584	4	3.8	M3	3.2		JIS	05598	7	5.84	M10	5.5		DIN-352				05622	15		14.06
			M3.5	3		DIN-352				M10	5.5		DIN-352	M20	12	JIS				
			M3.5	3	DIN-371	05598				7	5.84		M10	5.5	DIN-376	05624	16	14.8		M20
			M4	3.15	ISO-529		05600	8	6.88			M8	6.2	DIN-371	M20				12	DIN-376
			M5	3.15	ISO-529							M8	6.3	ISO-529	M22				12.5	ISO-529
05586	4.5	4.0	M4	3.4	DIN-352	05602				8.5	7.14	M10	6.3	ISO-529	05626	17	15.44	M22	13	28
			M4	3.4	DIN-371		M11	6	JIS			M22	14.5	DIN-352						
			M6	3.4	DIN-376	05604	9	7.95	M12	6.5	JIS	05628	18	17.52	M22	14.5	DIN-376			
			M6	3.55	ISO-529				M12	7	DIN-352				M24	14.5	DIN-352			
05588	5	4.7	M4	4	JIS	05606	10	9.16	M12	7	DIN-376				05630	19	18.22	M24	14.5	
			M4.5	4	JIS				M12	7.1	ISO-529	M24	14	ISO-529						
			M5	4	ISO-529				05608	10.5	9.16	M10	8	DIN-371	05632	20	19.61	M24	15	
05590	5.5	4.73	M5	4.5	JIS	05610	11	10.53				M10	8	ISO-529				M25	15	
			M5.5	4.5	DIN-352				M14	8	JIS	M26	15	JIS						
05592	6	5.09	M5	4.9	DIN-371	M15	8	25	JIS	05632	20	19.61	M27	15	JIS					
			M5	4.9	DIN-371	M14	9		DIN-352											

ER - TC40 RIGID TAP COLLET

MODEL NO.	d ₁	Q	d ₂	SQ	l ₂	STANDARD	MODEL NO.	d ₁	Q	d ₂	SQ	l ₂	STANDARD	MODEL NO.	d ₁	Q	d ₂	SQ	l ₂	STANDARD
05712	2.24	2	M3	1.8	18	ISO-529	05732	6	5.09	M6	4.5	18	JIS	05750	11	10.53	M14	9	25	DIN-376
05714	2.5	2.2	M3.5	2.1		DIN-376				M6	4.9		DIN-352	05752	11.2	10.53	M14	9		ISO-529
			M3.5	2		ISO-529				M6	4.9		DIN-371	05754	12	10.53	M16	9		DIN-352
05716	2.8	2.6	M4	2.1		DIN-376				M8	4.9		DIN-352				M16	9		DIN-376
05718	3.15	2.9	M3	2.5		ISO-529				M8	4.9		DIN-376	05756	12.5	11.91	M16	10		JIS
			M4	2.5		ISO-529	05734	6.2	5.21	M7	5		JIS				M16	10		ISO-529
05720	3.5	3.3	M3	2.7		DIN-352				M8	5		JIS	05758	13	11.91	M17	10		JIS
			M3	2.7		DIN-371	05736	6.3	5.21	M6	5		ISO-529	05760	14	12.97	M18	11		JIS
			M5	2.7		DIN-376				M8	5		ISO-529				M18	11		DIN-352
05722	3.55	3.3	M3.5	2.8		ISO-529	05738	7	5.84	M9	5.5		JIS				M18	11		DIN-376
			M4.5	2.8		ISO-529				M10	5.5		JIS				M18	11.2		ISO-529
05724	4	3.8	M3	3.2		JIS				M10	5.5		DIN-352		05762	15	14.06	M20	12	ISO-529
			M3.5	3		DIN-352	05738	7	5.84	M10	5.5		DIN-352					M20	12	JIS
			M3.5	3		DIN-371				M10	5.5		DIN-376	05764	16	14.8	M20	12	DIN-352	
			M4	3.15		ISO-529	05740	8	6.88	M8	6.2		DIN-371				M20	12	DIN-376	
			M5	3.15		ISO-529				M8	6.3		ISO-529	M22	12.5	ISO-529				
			05726	4.5		4				M4	3.4		DIN-352	M10	6.3	ISO-529	05766	17	15.44	M22
M4	3.4	DIN-371					05742	8.5	7.14	M11	6	JIS	05768	18	17.52	M22	14.5	DIN-352		
M6	3.4	DIN-376								M12	6.5	JIS				M22	14.5	DIN-376		
05728	5	4.7	M6	3.55		ISO-529	05744	9	7.95	M12	7	DIN-352				M24	14.5	DIN-352		
			M4	4		JIS				M12	7	DIN-376	M24	14.5	DIN-376					
			M4.5	4		JIS				M12	7.1	ISO-529	M24	14	ISO-529					
05730	5.5	4.73	M5	4		ISO-529	05746	10	9.16	M5	4	JIS	05770	19	18.22	M24	15	JIS		
			M5.5	4.5		JIS				M10	8	ISO-529				M25	15	JIS		
05732	6	5.09	M5	4.9		JIS	05748	10.5	9.16	M10	8	25	JIS	05772	20	19.61	M24	15	JIS	
			M5	4.9		DIN-352				M14	8		JIS				M26	15	JIS	
			M5	4.9		DIN-371	05750	11	10.53	M15	8						M27	15	JIS	
									M14	9			DIN-352							

ER - TC50 RIGID TAP COLLET

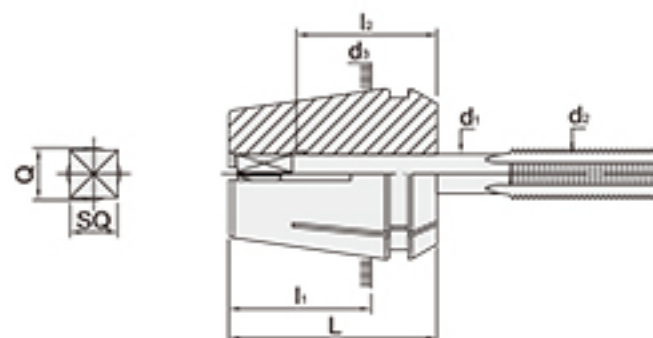
MODEL NO.	d ₁	Q	d ₂	SQ	l ₂	STANDARD	MODEL NO.	d ₁	Q	d ₂	SQ	l ₂	STANDARD	MODEL NO.	d ₁	Q	d ₂	SQ	l ₂	STANDARD
05780-7	7	5.84	M10	5.5	18	JIS	05780-11	11	10.53	M14	9	25	DIN-376	05780-17	17	15.44	M22	13	35	JIS
			M10	5.5		DIN-352	05780-11.2	11.2	10.53	M14	9		ISO-529	05780-18	18	17.52	M22	14.5		DIN-352
			M10	5.5		DIN-376	05780-12	12	10.53	M16	9		DIN-352				M22	14.5		DIN-376
05780-8	8	6.88	M8	6.2	22	DIN-371				M16	9		DIN-376				M24	14.5		DIN-352
			M8	6.3		ISO-529	05780-12.5	12.5	11.91	M16	10		JIS				M24	14.5		DIN-376
			M10	6.3		ISO-529				M16	10		ISO-529	05780-19	19	18.22	M24	14		ISO-529
			M11	6		JIS	05780-13	13	11.91	M17	10		JIS				M24	15		JIS
05780-8.5	8.5	7.14	M12	6.5		JIS				M18	11		JIS	05780-20	20	19.61	M25	15		JIS
05780-9	9	7.95	M12	7		DIN-352	05780-14	14	12.97	M18	11		DIN-352				M26	15	35	JIS
			M12	7		DIN-376				M18	11		DIN-376	05780-21	21	20.5	M27	15		JIS
			M12	7.1		ISO-529				M18	11.2		ISO-529				M28	17		JIS
05780-10	10	9.16	M10	8		DIN-371				M20	11.2		ISO-529	05780-23	23	20.5	M30	17		JIS
			M10	8		ISO-529	05780-15	15	14.06	M20	12		JIS	05780-24	24	23.4	M32	19		JIS
05780-10.5	10.5	9.16	M14	8		JIS				M20	12		DIN-352				M33	19		JIS
			M15	8		JIS	05780-16	16	14.8	M20	12		DIN-376	05780-25	25	23.4	M33	20		DIN-352
05780-11	11	10.53	M14	9	25	DIN-352				M22	12.5		ISO-529				M33	20		DIN-376

ER 鋼性攻牙筒夾

INCH SIZE

ER - TC16 RIGID TAP COLLET

MODEL NO.	d ₂	d ₁	Q	SQ	l ₂
SYIC - 05320 - 168	5/32	0.168"	0.151"	0.131"	18
SYIC - 05320 - 194	3/16	0.194"	0.180"	0.152"	
SYIC - 05320 - 220	7/32	0.220"	0.198"	0.165"	
SYIC - 05320 - 255	1/4	0.255"	0.198"	0.191"	



ER - TC20 RIGID TAP COLLET

MODEL NO.	d ₂	d ₁	Q	SQ	l ₂	MODEL NO.	d ₂	d ₁	Q	SQ	l ₂
SYIC - 05410 - 168	5/32	0.168"	0.151"	0.131"	18	SYIC - 05410 - 323	7/16	0.323"	0.263"	0.242"	22
SYIC - 05410 - 194	3/16	0.194"	0.180"	0.152"		SYIC - 05410 - 367	1/2	0.367"	0.307"	0.275"	
SYIC - 05410 - 220	7/32	0.220"	0.198"	0.165"		SYIC - 05410 - 381	3/8	0.381"	0.321"	0.286"	
SYIC - 05410 - 255	1/4	0.255"	0.198"	0.191"		SYIC - 05410 - 429	9/16	0.429"	0.370"	0.322"	25
SYIC - 05410 - 318	5/16	0.318"	0.258"	0.238"	22						

ER - TC25 RIGID TAP COLLET

MODEL NO.	d ₂	d ₁	Q	SQ	l ₂	MODEL NO.	d ₂	d ₁	Q	SQ	l ₂
SYIC - 05510 - 168	5/32	0.168"	0.151"	0.131"	18	SYIC - 05510 - 367	1/2	0.367"	0.307"	0.275"	22
SYIC - 05510 - 194	3/16	0.194"	0.180"	0.152"		SYIC - 05510 - 381	3/8	0.381"	0.321"	0.286"	
SYIC - 05510 - 220	7/32	0.220"	0.198"	0.165"		SYIC - 05510 - 429	9/16	0.429"	0.370"	0.322"	25
SYIC - 05510 - 255	1/4	0.255"	0.198"	0.191"		SYIC - 05510 - 437	1/8 PT	0.437"	0.378"	0.328"	
SYIC - 05510 - 318	5/16	0.318"	0.258"	0.238"	22	SYIC - 05510 - 480	5/8	0.480"	0.422"	0.360"	
SYIC - 05510 - 323	7/16	0.323"	0.263"	0.242"							

ER - TC32 RIGID TAP COLLET

MODEL NO.	d ₂	d ₁	Q	SQ	l ₂	MODEL NO.	d ₂	d ₁	Q	SQ	l ₂
SYIC - 05570 - 168	5/32	0.168"	0.151"	0.131"	18	SYIC - 05570 - 429	9/16	0.429"	0.370"	0.322"	25
SYIC - 05570 - 194	3/16	0.194"	0.180"	0.152"		SYIC - 05570 - 437	1/8 PT	0.437"	0.378"	0.328"	28
SYIC - 05570 - 220	7/32	0.220"	0.198"	0.165"		SYIC - 05570 - 480	5/8	0.480"	0.422"	0.360"	
SYIC - 05570 - 255	1/4	0.255"	0.198"	0.191"		SYIC - 05570 - 542	11/16	0.542"	0.486"	0.406"	
SYIC - 05570 - 318	5/16	0.318"	0.258"	0.238"	22	SYIC - 05570 - 562	1/4 PT	0.562"	0.483"	0.421"	
SYIC - 05570 - 323	7/16	0.323"	0.263"	0.242"		SYIC - 05570 - 590	3/4	0.590"	0.512"	0.442"	
SYIC - 05570 - 367	1/2	0.367"	0.307"	0.275"		SYIC - 05570 - 652	13/16	0.652"	0.576"	0.489"	
SYIC - 05570 - 381	3/8	0.381"	0.321"	0.286"							

ER - TC40 RIGID TAP COLLET

MODEL NO.	d ₂	d ₁	Q	SQ	l ₂	MODEL NO.	d ₂	d ₁	Q	SQ	l ₂
SYIC - 05710 - 255	1/4	0.255"	0.198"	0.191"	18	SYIC - 05710 - 562	1/4 PT	0.562"	0.483"	0.421"	25
SYIC - 05710 - 318	5/16	0.318"	0.258"	0.238"	22	SYIC - 05710 - 590	3/4	0.590"	0.512"	0.442"	
SYIC - 05710 - 323	7/16	0.323"	0.263"	0.242"		SYIC - 05710 - 652	13/16	0.652"	0.576"	0.489"	
SYIC - 05710 - 367	1/2	0.367"	0.307"	0.275"		SYIC - 05710 - 687	1/2 PT	0.687"	0.612"	0.515"	
SYIC - 05710 - 381	3/8	0.381"	0.321"	0.286"		SYIC - 05710 - 697	7/8	0.697"	0.623"	0.523"	
SYIC - 05710 - 429	9/16	0.429"	0.370"	0.322"	25	SYIC - 05710 - 700	3/8 PT	0.700"	0.634"	0.531"	28
SYIC - 05710 - 437	1/8 PT	0.437"	0.378"	0.328"		SYIC - 05710 - 760	15/16	0.760"	0.689"	0.570"	
SYIC - 05710 - 480	5/8	0.480"	0.422"	0.360"		SYIC - 05710 - 800	1	0.800"	0.730"	0.600"	
SYIC - 05710 - 542	11/16	0.542"	0.486"	0.406"							



ER-TCO RIGID TAP SEALED COLLET

SYIC-254

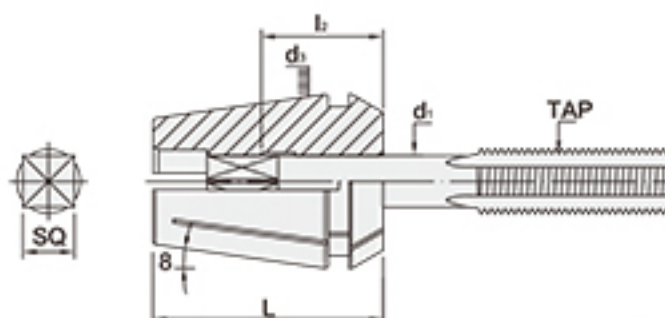
ER 鋼性攻牙止水筒夾



T W PAT NO. 148435
T W PAT NO. 333253
C H PAT NO. 693702
C N PAT NO. ZL200820102787.2

Feature:

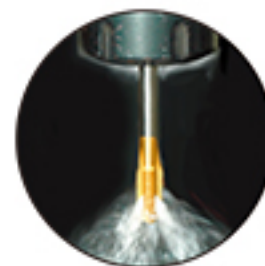
- Used for tools with coolant holes or ordinary tools.
- Suitable for rigid tapping in machine center or other tapping machines.
- Good coolant effect extends the use life of taps. Applicable for taps with coolant holes.
- Take use of the design of slot's size differential to clamp a tap effectively. Prevents tool slipping.



Coolant Application of ER-TCO Rigid Tap Sealed Collet



- Strong clamping power enables tools to be clamped effectively and avoid slipping. Processing quality's improved.
- The cost of using taps is decreased.
- Suitable for all kinds of ER tool holder bodies.



MODEL NO.	TYPE	d ₁	L	l ₂	CAPACITY	WEIGHT (K G S)
254.16	ER - TCO16	16	27.5	18 ~ 22	M5 ~ M10	0.03
254.20	ER - TCO20	20	31.5	18 ~ 25	M5 ~ M17	0.04
254.25	ER - TCO25	25	34	18 ~ 25	M5 ~ M22	0.06
254.32	ER - TCO32	32	40	18 ~ 28	M5 ~ M27	0.10
254.40	ER - TCO40	40	46	18 ~ 28		0.25

d ₁	TAP	SQ	STANDARD	d ₁	TAP	SQ	STANDARD	d ₁	TAP	SQ	STANDARD
6	M5	4.9	DIN-352	8.5	M12	6.5	JIS	14	M18	11.2	ISO-529
6	M5	4.9	DIN-371	9	M12	7	DIN-352	14	M20	11.2	ISO-529
6	M6	4.5	JIS	9	M12	7	DIN-376	15	M20	12	JIS
6	M6	4.9	DIN-352	9	M12	7.1	ISO-529	16	M20	12	DIN-352
6	M6	4.9	DIN-371	10	M10	8	DIN-371	16	M20	12	DIN-376
6	M8	4.9	DIN-352	10	M10	8	ISO-529	16	M22	12.5	ISO-529
6	M8	4.9	DIN-376	10.5	M14	8	JIS	17	M22	13	JIS
6.2	M7	5	JIS	10.5	M15	8	JIS	18	M22	14.5	DIN-374
6.2	M8	5	JIS	11	M14	9	DIN-352	18	M22	14.5	DIN-376
6.3	M6	5	ISO-529	11	M14	9	DIN-376	18	M24	14.5	DIN-352
6.3	M8	5	ISO-529	11.2	M14	9	ISO-529	18	M24	14.5	DIN-376
7	M9	5.5	JIS	12	M16	9	DIN-352	18	M24	14	ISO-529
7	M10	5.5	JIS	12	M16	9	DIN-376	19	M24	15	JIS
7	M10	5.5	DIN-352	12.5	M16	10	JIS	19	M25	15	JIS
7	M10	5.5	DIN-376	12.5	M16	10	ISO-529	20	M26	15	JIS
8	M8	6.2	DIN-371	13	M17	10	JIS	20	M27	15	JIS
8	M8	6.3	ISO-529	14	M18	11	JIS	20	M27	16	DIN-376
8	M10	6.3	ISO-529	14	M18	11	DIN-352	20	M27	16	ISO-529
8	M11	6	JIS	14	M18	11	DIN-376				

INCHES

d ₁	TAP	SQ	d ₁	TAP	SQ	d ₁	TAP	SQ
0.168"	5/32" or #8	0.131"	0.381"	3/8"	0.286"	0.652"	13/16"	0.489"
0.194"	3/16" or #10	0.152"	0.429"	9/16"	0.322"	0.687"	1/2"PT	0.515"
0.220"	7/32" or #12	0.165"	0.437"	1/8"PT	0.328"	0.697"	7/8"	0.523"
0.255"	1/4"	0.191"	0.480"	5/8"	0.360"	0.700"	3/8"PT	0.531"
0.318"	5/16"	0.238"	0.542"	11/16"	0.406"	0.760"	15/16"	0.570"
0.323"	7/16"	0.242"	0.562"	1/4"PT	0.421"	0.800"	1"	0.600"
0.367"	1/2"	0.275"	0.590"	3/4"	0.442"			

SYIC-202.126

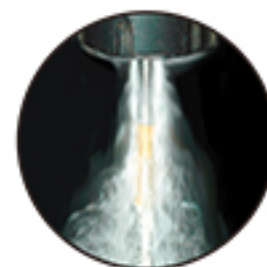
ER-FID 出水筒夾

DIN ISO 15488



Feature:

- The design of coolant groove is good for cooling and metal chips removal, extending tool life.



ER 16 - FID		ER 20 - FID		ER 25 - FID		ER 32 - FID		ER 40 - FID	
MODEL NO.	SIZE	MODEL NO.	SIZE	MODEL NO.	SIZE	MODEL NO.	SIZE	MODEL NO.	SIZE
202.126.16.03	3	202.126.20.03	3	202.126.25.03	3	202.126.32.03	3		
202.126.16.04	4	202.126.20.04	4	202.126.25.04	4	202.126.32.04	4	202.126.40.04	4
202.126.16.05	5	202.126.20.05	5	202.126.25.05	5	202.126.32.05	5	202.126.40.05	5
202.126.16.06	6	202.126.20.06	6	202.126.25.06	6	202.126.32.06	6	202.126.40.06	6
202.126.16.07	7	202.126.20.07	7	202.126.25.07	7	202.126.32.07	7	202.126.40.07	7
		202.126.20.08	8	202.126.25.08	8	202.126.32.08	8	202.126.40.08	8
		202.126.20.09	9	202.126.25.09	9	202.126.32.09	9	202.126.40.09	9
				202.126.25.10	10	202.126.32.10	10	202.126.40.10	10
				202.126.25.11	11	202.126.32.11	11	202.126.40.11	11
				202.126.25.12	12	202.126.32.12	12	202.126.40.12	12
				202.126.25.13	13	202.126.32.13	13	202.126.40.13	13
				202.126.25.14	14	202.126.32.14	14	202.126.40.14	14
						202.126.32.15	15	202.126.40.15	15
						202.126.32.16	16	202.126.40.16	16
						202.126.32.17	17	202.126.40.17	17
						202.126.32.18	18	202.126.40.18	18
						202.126.32.19	19	202.126.40.19	19
						202.126.32.20	20	202.126.40.20	20
								202.126.40.21	21
								202.126.40.22	22
								202.126.40.23	23
								202.126.40.24	24
								202.126.40.25	25
								202.126.40.26	26

SYIC-202.127

ER-FOD 出水筒夾



Feature:

- The design of coolant groove is good for cooling and metal chips removal, extending tool life.



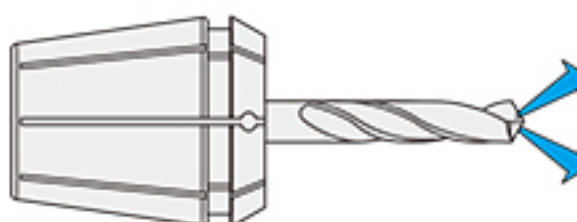
ER 16 - FOD		ER 25 - FOD		ER 32 - FOD		ER 40 - FOD		ER 50 - FOD	
MODEL NO.	SIZE	MODEL NO.	SIZE	MODEL NO.	SIZE	MODEL NO.	SIZE	MODEL NO.	SIZE
202.127.16.03	3	202.127.25.03	3	202.127.32.03	3				
202.127.16.04	4	202.127.25.04	4	202.127.32.04	4	202.127.40.04	4		
202.127.16.05	5	202.127.25.05	5	202.127.32.05	5	202.127.40.05	5		
202.127.16.06	6	202.127.25.06	6	202.127.32.06	6	202.127.40.06	6	202.127.50.06	6
202.127.16.07	7	202.127.25.07	7	202.127.32.07	7	202.127.40.07	7	202.127.50.07	7
		202.127.25.08	8	202.127.32.08	8	202.127.40.08	8	202.127.50.08	8
		202.127.25.09	9	202.127.32.09	9	202.127.40.09	9	202.127.50.09	9
		202.127.25.10	10	202.127.32.10	10	202.127.40.10	10	202.127.50.10	10
		202.127.25.11	11	202.127.32.11	11	202.127.40.11	11	202.127.50.11	11
		202.127.25.12	12	202.127.32.12	12	202.127.40.12	12	202.127.50.12	12
		202.127.25.13	13	202.127.32.13	13	202.127.40.13	13	202.127.50.13	13
		202.127.25.14	14	202.127.32.14	14	202.127.40.14	14	202.127.50.14	14
				202.127.32.15	15	202.127.40.15	15	202.127.50.15	15
				202.127.32.16	16	202.127.40.16	16	202.127.50.16	16
				202.127.32.17	17	202.127.40.17	17	202.127.50.17	17
				202.127.32.18	18	202.127.40.18	18	202.127.50.18	18
				202.127.32.19	19	202.127.40.19	19	202.127.50.19	19
				202.127.32.20	20	202.127.40.20	20	202.127.50.20	20
						202.127.40.21	21	202.127.50.21	21
						202.127.40.22	22	202.127.50.22	22
						202.127.40.23	23	202.127.50.23	23
						202.127.40.24	24	202.127.50.24	24
						202.127.40.25	25	202.127.50.25	25
						202.127.40.26	26	202.127.50.26	26
								202.127.50.27	27
								202.127.50.28	28
								202.127.50.29	29
								202.127.50.30	30
								202.127.50.31	31
								202.127.50.32	32
								202.127.50.33	33
								202.127.50.34	34

SYIC-08300



ER 止水筒夾

- Steel: SUJ2.
- HRC 46°.
- Taper 8°.
- The design is to take use of the difference of flutes and O-rings to achieve center coolant.
- Useful for coolant cutting tools.
- Water pressure up to 21 kgf/cm².
- No flexibility (No flexible chucking range. It depends on the biggest chucking range).
- Non-standard types, such as inch type or decimal type, are welcomed to order.
- The ER part of the product is according to DIN-15488. It can be used with suitable tool holders.
- Patent-owned.



ER11 SEALED COLLET

MODEL NO.	HOLE SIZE	MODEL NO.	HOLE SIZE
SYIC - 08311 - 03	3	SYIC - 08311 - 07	7
SYIC - 08311 - 04	4		
SYIC - 08311 - 05	5		
SYIC - 08311 - 06	6		

ER16 SEALED COLLET

MODEL NO.	HOLE SIZE	MODEL NO.	HOLE SIZE
SYIC - 08316 - 03	3	SYIC - 08316 - 07	7
SYIC - 08316 - 04	4	SYIC - 08316 - 08	8
SYIC - 08316 - 05	5	SYIC - 08316 - 09	9
SYIC - 08316 - 06	6	SYIC - 08316 - 10	10

ER20 SEALED COLLET

MODEL NO.	HOLE SIZE	MODEL NO.	HOLE SIZE	MODEL NO.	HOLE SIZE	MODEL NO.	HOLE SIZE
SYIC - 08320 - 03	3	SYIC - 08320 - 06	6	SYIC - 08320 - 09	9	SYIC - 08320 - 12	12
SYIC - 08320 - 04	4	SYIC - 08320 - 07	7	SYIC - 08320 - 10	10	SYIC - 08320 - 13	13
SYIC - 08320 - 05	5	SYIC - 08320 - 08	8	SYIC - 08320 - 11	11		

ER25 SEALED COLLET

MODEL NO.	HOLE SIZE	MODEL NO.	HOLE SIZE	MODEL NO.	HOLE SIZE	MODEL NO.	HOLE SIZE
SYIC - 08325 - 03	3	SYIC - 08325 - 07	7	SYIC - 08325 - 11	11	SYIC - 08325 - 15	15
SYIC - 08325 - 04	4	SYIC - 08325 - 08	8	SYIC - 08325 - 12	12	SYIC - 08325 - 16	16
SYIC - 08325 - 05	5	SYIC - 08325 - 09	9	SYIC - 08325 - 13	13		
SYIC - 08325 - 06	6	SYIC - 08325 - 10	10	SYIC - 08325 - 14	14		

ER32 SEALED COLLET

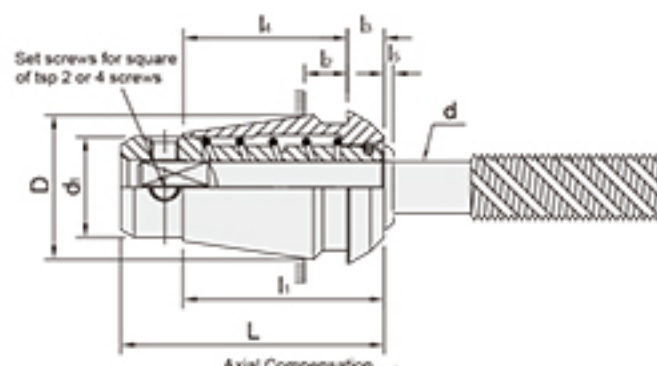
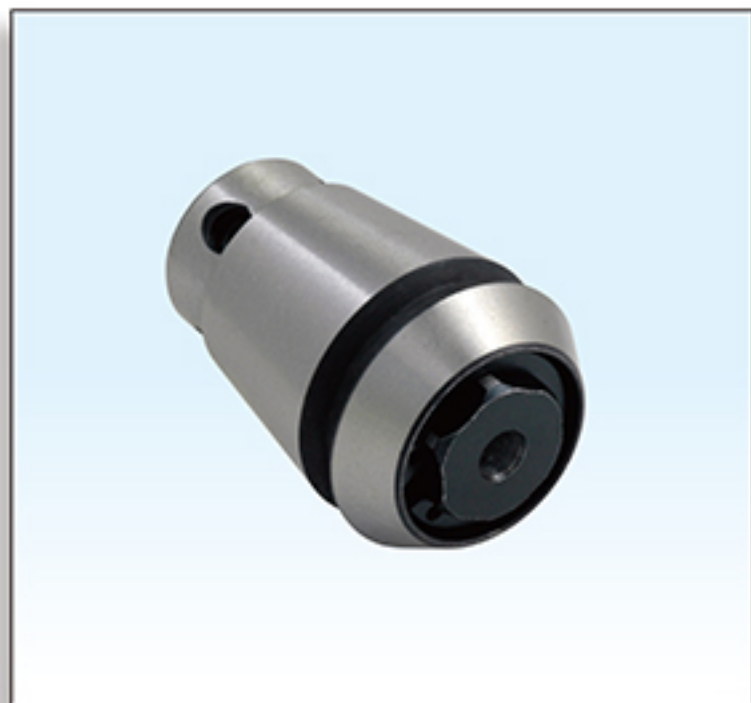
MODEL NO.	HOLE SIZE	MODEL NO.	HOLE SIZE	MODEL NO.	HOLE SIZE	MODEL NO.	HOLE SIZE
SYIC - 08332 - 03	3	SYIC - 08332 - 08	8	SYIC - 08332 - 13	13	SYIC - 08332 - 18	18
SYIC - 08332 - 04	4	SYIC - 08332 - 09	9	SYIC - 08332 - 14	14	SYIC - 08332 - 19	19
SYIC - 08332 - 05	5	SYIC - 08332 - 10	10	SYIC - 08332 - 15	15	SYIC - 08332 - 20	20
SYIC - 08332 - 06	6	SYIC - 08332 - 11	11	SYIC - 08332 - 16	16		
SYIC - 08332 - 07	7	SYIC - 08332 - 12	12	SYIC - 08332 - 17	17		

ER40 SEALED COLLET

MODEL NO.	HOLE SIZE	MODEL NO.	HOLE SIZE	MODEL NO.	HOLE SIZE	MODEL NO.	HOLE SIZE
SYIC - 08340 - 03	3	SYIC - 08340 - 09	9	SYIC - 08340 - 15	15	SYIC - 08340 - 21	21
SYIC - 08340 - 04	4	SYIC - 08340 - 10	10	SYIC - 08340 - 16	16	SYIC - 08340 - 22	22
SYIC - 08340 - 05	5	SYIC - 08340 - 11	11	SYIC - 08340 - 17	17	SYIC - 08340 - 23	23
SYIC - 08340 - 06	6	SYIC - 08340 - 12	12	SYIC - 08340 - 18	18	SYIC - 08340 - 24	24
SYIC - 08340 - 07	7	SYIC - 08340 - 13	13	SYIC - 08340 - 19	19	SYIC - 08340 - 25	25
SYIC - 08340 - 08	8	SYIC - 08340 - 14	14	SYIC - 08340 - 20	20	SYIC - 08340 - 26	26

SYIC-05900

ER 伸縮攻牙筒夾



Features:

- When it is used to process a workpiece made by casting and pressing and its hole is formed but has different processing positions, it is recommended to use this product because it can make slight position adjustment.
- Major function: prevent a tap from breaking when the spindle turns from clockwise to counterclockwise.
- Can resolve Z axial's short distance problem, especially in CNC lathes.
- There are 4 side lock screws on the collet, used for clamping a tap.
- Suitable for taps which conform to ISO-519, JIS, DIN-371, DIN-376 or DIN-352 standards.

MODEL NO	TYPE	SIZE RANGE	L	l ₁	l ₂	l ₃	l ₄	l ₅	D	d ₁	WEIGHT (KGS)
SYIC - 05916	FT 16	φ 1.4 ~ φ 6	28.6	22	3	7	18	7	16	11	0.03
SYIC - 05920	FT 20	φ 2.24 ~ φ 7	31	24	5.85	5.15	18.85	7	20	14	0.05
SYIC - 05925	FT 25	φ 2.5 ~ φ 10	34	24.5	3	5.4	18.1	9	25	19	0.06
SYIC - 05932	FT 32	φ 4.5 ~ φ 12	43.3	31	7	5.5	25.5	10	32	23	0.10
SYIC - 05940	FT 40	φ 6 ~ φ 16	54	42	3	12	42	13	40	28	0.25

FT16 RIGID TAP COLLET			
MODEL NO	d	MODEL NO	d
SYIC-05916-1.4	1.4	SYIC-05916-3.55	3.55
SYIC-05916-1.6	1.6	SYIC-05916-4	4
SYIC-05916-1.8	1.8	SYIC-05916-4.5	4.5
SYIC-05916-2	2	SYIC-05916-5	5
SYIC-05916-2.24	2.24	SYIC-05916-5.5	5.5
SYIC-05916-2.5	2.5	SYIC-05916-5.6	5.6
SYIC-05916-2.8	2.8	SYIC-05916-6	6
SYIC-05916-3	3	SYIC-05916-141	0.141"
SYIC-05916-3.15	3.15	SYIC-05916-168	0.168"
SYIC-05916-3.5	3.5	SYIC-05916-220	0.220"

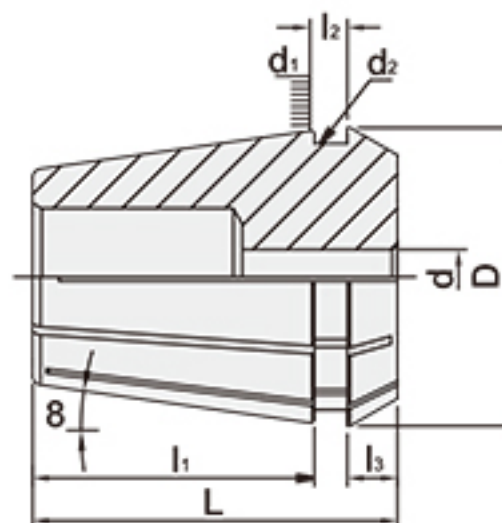
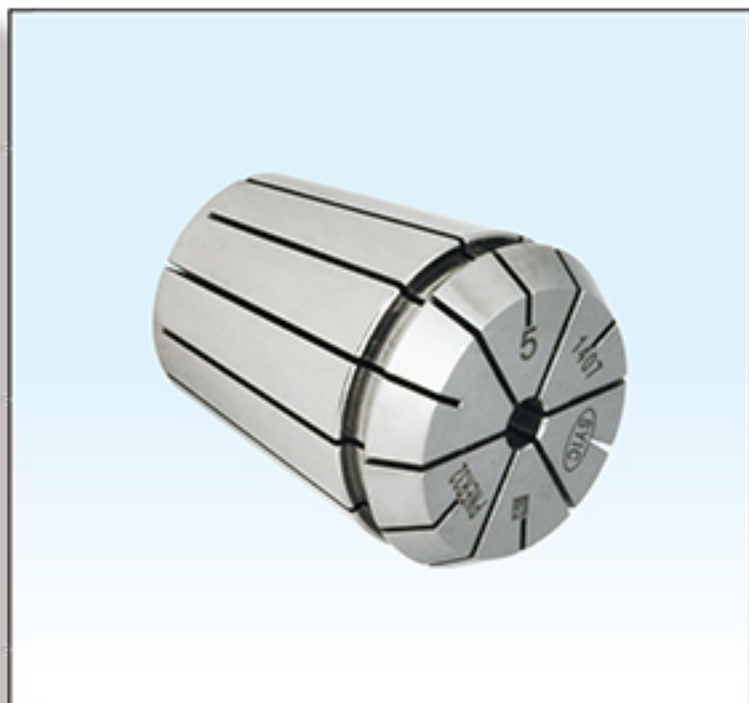
FT20 RIGID TAP COLLET			
MODEL NO	d	MODEL NO	d
SYIC-05920-2.24	2.24	SYIC-05920-5.6	5.6
SYIC-05920-2.5	2.5	SYIC-05920-6	6
SYIC-05920-2.8	2.8	SYIC-05920-6.2	6.2
SYIC-05920-3	3	SYIC-05920-6.3	6.3
SYIC-05920-3.15	3.15	SYIC-05920-7	7
SYIC-05920-3.5	3.5	SYIC-05920-141	0.141"
SYIC-05920-3.55	3.55	SYIC-05920-168	0.168"
SYIC-05920-4	4	SYIC-05920-194	0.194"
SYIC-05920-4.5	4.5	SYIC-05920-220	0.220"
SYIC-05920-5	5	SYIC-05920-255	0.255"
SYIC-05920-5.5	5.5		

FT25 RIGID TAP COLLET			
MODEL NO	d	MODEL NO	d
SYIC-05925-2.5	2.5	SYIC-05925-7.1	7.1
SYIC-05925-2.8	2.8	SYIC-05925-8	8
SYIC-05925-3	3	SYIC-05925-8.5	8.5
SYIC-05925-3.15	3.15	SYIC-05925-9	9
SYIC-05925-3.5	3.5	SYIC-05925-10	10
SYIC-05925-3.55	3.55	SYIC-05925-141	0.141"
SYIC-05925-4	4	SYIC-05925-168	0.168"
SYIC-05925-4.5	4.5	SYIC-05925-194	0.194"
SYIC-05925-5	5	SYIC-05925-220	0.220"
SYIC-05925-5.5	5.5	SYIC-05925-255	0.255"
SYIC-05925-5.6	5.6	SYIC-05925-318	0.318"
SYIC-05925-6	6	SYIC-05925-323	0.323"
SYIC-05925-6.2	6.2	SYIC-05925-367	0.367"
SYIC-05925-6.3	6.3	SYIC-05925-381	0.381"
SYIC-05925-7	7		

FT40 RIGID TAP COLLET							
MODEL NO	d	MODEL NO	d	MODEL NO	d	MODEL NO	d
SYIC-05940-6	6	SYIC-05940-9	9	SYIC-05940-14	14	SYIC-05940-437	0.437"
SYIC-05940-6.2	6.2	SYIC-05940-10	10	SYIC-05940-255	0.255"	SYIC-05940-480	0.480"
SYIC-05940-6.3	6.3	SYIC-05940-10.5	10.5	SYIC-05940-318	0.318"	SYIC-05940-542	0.542"
SYIC-05940-7	7	SYIC-05940-11	11	SYIC-05940-323	0.323"	SYIC-05940-562	0.562"
SYIC-05940-7.1	7.1	SYIC-05940-11.2	11.2	SYIC-05940-367	0.367"	SYIC-05940-590	0.590"
SYIC-05940-8	8	SYIC-05940-12	12	SYIC-05940-381	0.381"	SYIC-05940-652	0.652"
SYIC-05940-8.5	8.5	SYIC-05940-12.5	12.5	SYIC-05940-429	0.429"	SYIC-05940-697	0.697"

SYIC-04200-PN

PNER 彈性筒夾



- Design: 6 slots in front and back, with better precision stability.
- Surface roughness: $Ra < 0.1 \mu m$.
- Only for tool shank with h6 tolerance and no flexible chucking range.
- Concentricity: PN class $3 \mu m$.

MODEL NO.	TYPE	SIZE RANGE	D	d ₁	d ₂	L	l ₁	l ₂	l ₃	WEIGHT (KGS)
SYIC-04216-PN	PNER16	3.0 - 10	16.8	16	13.8	27.5	20.8	3.4	4	0.03
SYIC-04220-PN	PNER20	3.0 - 13	20.8	20	17.4	31.5	23.9	3.4	4.8	0.04
SYIC-04225-PN	PNER25	3.0 - 16	25.8	25	21.9	34	25.9	3.6	5	0.06
SYIC-04232-PN	PNER32	3.0 - 20	32.7	32	29.2	40	30.9	4.1	5.5	0.10
SYIC-04240-PN	PNER40	6.0 - 26	40.85	40	36.2	46	34.5	4.5	7	0.25



PNER COLLET

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METRIC

PNER 16		PNER 20		PNER 25		PNER 32		PNER 40	
MODEL NO.	SIZE	MODEL NO.	SIZE	MODEL NO.	SIZE	MODEL NO.	SIZE	MODEL NO.	SIZE
04216-PN - 03	3	04220-PN - 03	3	04225-PN - 03	3	04232-PN - 03	3		
04216-PN - 04	4	04220-PN - 04	4	04225-PN - 04	4	04232-PN - 04	4		
04216-PN - 05	5	04220-PN - 05	5	04225-PN - 05	5	04232-PN - 05	5		
04216-PN - 06	6	04220-PN - 06	6	04225-PN - 06	6	04232-PN - 06	6	04240-PN - 06	6
04216-PN - 07	7	04220-PN - 07	7	04225-PN - 07	7	04232-PN - 07	7	04240-PN - 07	7
04216-PN - 08	8	04220-PN - 08	8	04225-PN - 08	8	04232-PN - 08	8	04240-PN - 08	8
04216-PN - 09	9	04220-PN - 09	9	04225-PN - 09	9	04232-PN - 09	9	04240-PN - 09	9
04216-PN - 10	10	04220-PN - 10	10	04225-PN - 10	10	04232-PN - 10	10	04240-PN - 10	10
		04220-PN - 11	11	04225-PN - 11	11	04232-PN - 11	11	04240-PN - 11	11
		04220-PN - 12	12	04225-PN - 12	12	04232-PN - 12	12	04240-PN - 12	12
		04220-PN - 13	13	04225-PN - 13	13	04232-PN - 13	13	04240-PN - 13	13
				04225-PN - 14	14	04232-PN - 14	14	04240-PN - 14	14
				04225-PN - 15	15	04232-PN - 15	15	04240-PN - 15	15
				04225-PN - 16	16	04232-PN - 16	16	04240-PN - 16	16
						04232-PN - 17	17	04240-PN - 17	17
						04232-PN - 18	18	04240-PN - 18	18
						04232-PN - 19	19	04240-PN - 19	19
						04232-PN - 20	20	04240-PN - 20	20
								04240-PN - 21	21
								04240-PN - 22	22
								04240-PN - 23	23
								04240-PN - 24	24
								04240-PN - 25	25
								04240-PN - 26	26

INCHES

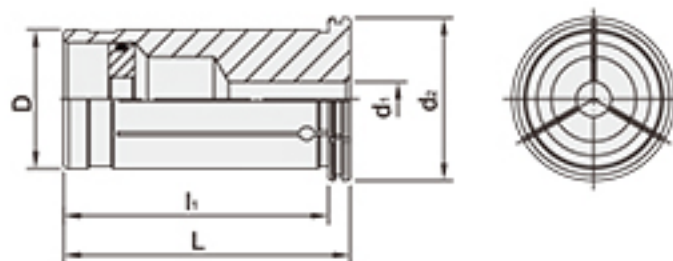
PNER 16		PNER 20		PNER 25		PNER 32		PNER 40	
MODEL NO.	SIZE	MODEL NO.	SIZE	MODEL NO.	SIZE	MODEL NO.	SIZE	MODEL NO.	SIZE
04216-PN - 1/8	1/8	04220-PN - 1/8	1/8	04225-PN - 1/8	1/8	04232-PN - 1/8	1/8		
04216-PN - 5/32	5/32	04220-PN - 5/32	5/32	04225-PN - 5/32	5/32	04232-PN - 5/32	5/32		
04216-PN - 3/16	3/16	04220-PN - 3/16	3/16	04225-PN - 3/16	3/16	04232-PN - 3/16	3/16		
04216-PN - 7/32	7/32	04220-PN - 7/32	7/32	04225-PN - 7/32	7/32	04232-PN - 7/32	7/32		
04216-PN - 1/4	1/4	04220-PN - 1/4	1/4	04225-PN - 1/4	1/4	04232-PN - 1/4	1/4	04240-PN - 1/4	1/4
04216-PN - 9/32	9/32	04220-PN - 9/32	9/32	04225-PN - 9/32	9/32	04232-PN - 9/32	9/32	04240-PN - 9/32	9/32
04216-PN - 5/16	5/16	04220-PN - 5/16	5/16	04225-PN - 5/16	5/16	04232-PN - 5/16	5/16	04240-PN - 5/16	5/16
04216-PN - 11/32	11/32	04220-PN - 11/32	11/32	04225-PN - 11/32	11/32	04232-PN - 11/32	11/32	04240-PN - 11/32	11/32
04216-PN - 3/8	3/8	04220-PN - 3/8	3/8	04225-PN - 3/8	3/8	04232-PN - 3/8	3/8	04240-PN - 3/8	3/8
04216-PN - 13/32	13/32	04220-PN - 13/32	13/32	04225-PN - 13/32	13/32	04232-PN - 13/32	13/32	04240-PN - 13/32	13/32
		04220-PN - 7/16	7/16	04225-PN - 7/16	7/16	04232-PN - 7/16	7/16	04240-PN - 7/16	7/16
		04220-PN - 15/32	15/32	04225-PN - 15/32	15/32	04232-PN - 15/32	15/32	04240-PN - 15/32	15/32
		04220-PN - 1/2	1/2	04225-PN - 1/2	1/2	04232-PN - 1/2	1/2	04240-PN - 1/2	1/2
				04225-PN - 17/32	17/32	04232-PN - 17/32	17/32	04240-PN - 17/32	17/32
				04225-PN - 9/16	9/16	04232-PN - 9/16	9/16	04240-PN - 9/16	9/16
				04225-PN - 19/32	19/32	04232-PN - 19/32	19/32	04240-PN - 19/32	19/32
				04225-PN - 5/8	5/8	04232-PN - 5/8	5/8	04240-PN - 5/8	5/8
				04225-PN - 3/4	3/4	04232-PN - 21/32	21/32	04240-PN - 21/32	21/32
						04232-PN - 11/16	11/16	04240-PN - 11/16	11/16
						04232-PN - 23/32	23/32	04240-PN - 23/32	23/32
						04232-PN - 3/4	3/4	04240-PN - 3/4	3/4
								04240-PN - 25/32	25/32
								04240-PN - 13/16	13/16
								04240-PN - 27/32	27/32
								04240-PN - 7/8	7/8
								04240-PN - 29/32	29/32
								04240-PN - 15/16	15/16
								04240-PN - 31/32	31/32
								04240-PN - 1	1



STRAIGHT SEALED COLLET FOR MLD MILLING CHUCK

SYIC-19460

直式止水筒夾



- Suitable for cutting tools with coolant holes.

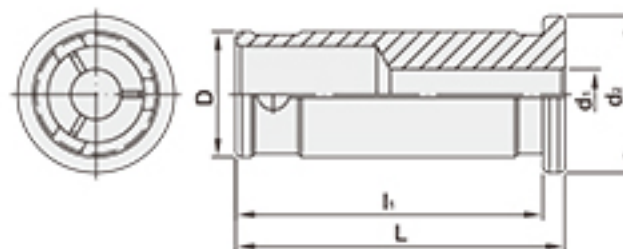
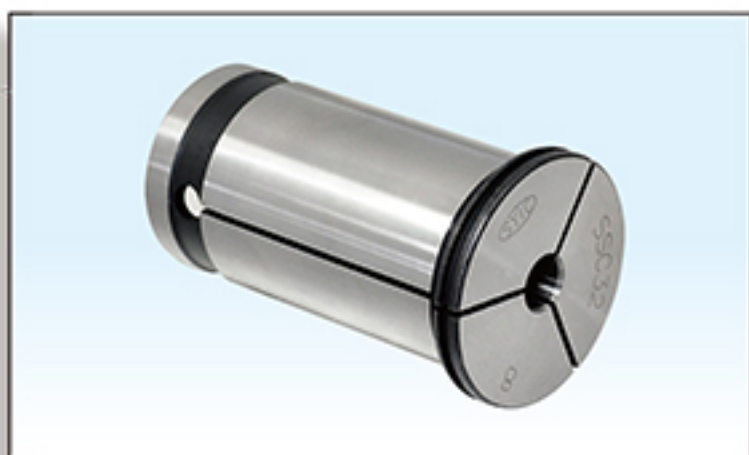
MODEL NO.	TYPE	D	d ₁	d ₂	L	l ₁	WEIGHT (KGS)
SYIC - 19461	SSC12 - C	12	3, 4, 5, 6, 8	20	47.1	45	0.1
SYIC - 19462	SSC20 - C	20	3, 4, 5, 6, 8, 10, 12, 16	25	52.9	49.4	0.1
SYIC - 19464	SSC25 - C	25	3, 4, 5, 6, 8, 10, 12, 16, 20	30.5	52.5	48.5	0.2
SYIC - 19466	SSC32 - C	32	3, 4, 5, 6, 8, 10, 12, 16, 20, 25	37.5	66	61	0.3
SYIC - 19468	SSC42 - C	42	3, 4, 5, 6, 8, 10, 12, 16, 20, 25, 32	48	75	69	0.6
SYIC - 19472	SSC1/2 - C	1/2	1/8, 3/16, 1/4, 5/16, 3/8	16	46.8	42.5	0.1
SYIC - 19474	SSC3/4 - C	3/4	1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8	25	52.9	49.4	0.2
SYIC - 19476	SSC1 - C	1	1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	30.5	52.5	48.5	0.3
SYIC - 19478	SSC1-1/4 - C	1-1/4	1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4, 7/8, 1	37.5	66	61	0.6



STRAIGHT SHANK COLLET FOR MLD MILLING CHUCK

SYIC-84120

直式彈性筒夾



- Suitable for general cutting tools.

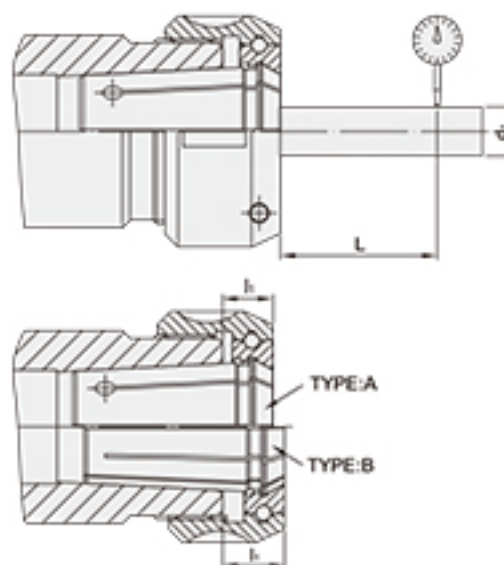
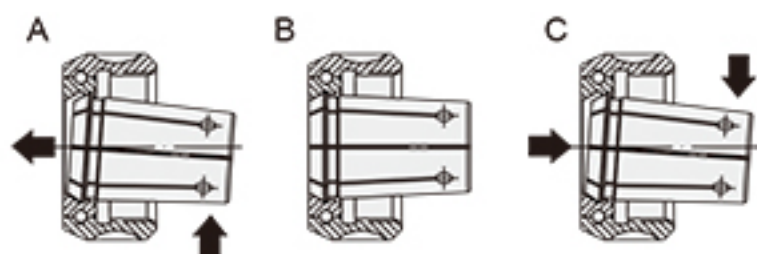
MODEL NO.	TYPE	D	d ₁	d ₂	L	l ₁	WEIGHT (KGS)
SYIC - 84116	SSC12	12	3, 4, 5, 6, 8	19	44.5	42.5	0.1
SYIC - 84123	SSC16	16	3, 4, 5, 6, 8, 10, 12		50	46	0.1
SYIC - 84120	SSC20	20	3, 4, 5, 6, 8, 10, 12, 16	25	52.5	49	0.1
SYIC - 84121	SSC25	25	3, 4, 5, 6, 8, 10, 12, 16, 20	31	60	55	0.3
SYIC - 84122	SSC32	32	3, 4, 5, 6, 8, 10, 12, 16, 20, 25	37.5	64.6	59.6	0.3
SYIC - 84124	SSC42	42	3, 4, 5, 6, 8, 10, 12, 16, 20, 25, 32	48	75	69	0.6
SYIC - 84126	SSC3/4"	3/4"	1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8",	25	52.5	49	0.1
SYIC - 84128	SSC1"	1"	1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 3/4"	31	60	55	0.4
SYIC - 84127	SSC1-1/4"	1-1/4"	1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 3/4", 7/8", 1"	37.5	64.6	59.6	0.3

d ₁ TEST BAR DIAMETER MIN. MAX.		L	CONCENTRICITY
3	6	16	0.015
6	10	25	
10	18	40	
18	24	50	0.02
24	32	60	

★Standard testing table is in accordance with the cutting length and precision requirements of various sizes of end mills.

★Every Collet shipped out of the factory has passed the inspection.

MODEL NO.	TYPE	I ₁ ITEM		
		EOC 16	EOC 25	EOC 32
SYIC - 83520	A	11	12	13
SYIC - 83530	B	15	16	17
SYIC - 83868	SYOZ	-	12	-



HOW TO USE COLLET

A. Put the collet in the collet fastener nut. Let its collet taper contact the spring ring well.

Toward the arrow direction, push slightly, then you can put it in.

B. Insert the end mill (cutter) into the body. Tighten collet fastener nut by wrench. Then it is ready for operation. (Do not tighten the collet fastener nut before the cutter is installed.)

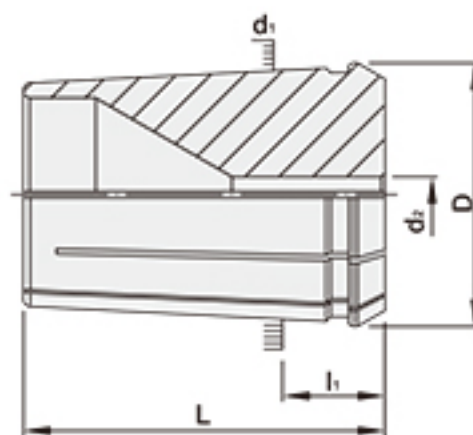
C. Loosen the nut from the body, then take out the end mill. Toward the arrow direction, push slightly, then the collet can be taken out.

EOC COLLET TYPE: B

SYIC-83530

EOC B 型 彈性筒夾

DIN ISO 10897

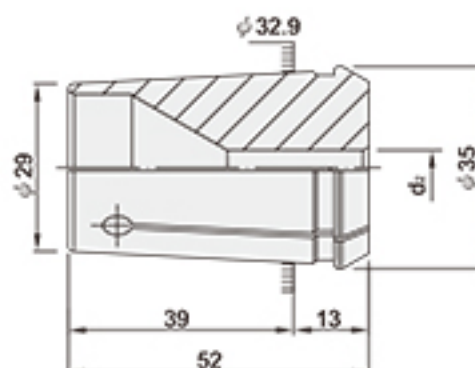


- Steel: SUJ2.
- HRC 46°.
- Increment by 0.5mm.
- With 6 slots in front and back.
- Can order size increment by steps 0.5mm or imperial size as desired.

MODEL NO.	TYPE	E - NO	L	I ₁	D	d ₁	d ₂	WEIGHT (KGS)
SYIC - 83533	EOC32 - B	467E	60	17	43.7	41.3	4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32mm	0.5

SYIC-83868

SYOZ 型 彈性筒夾



- Steel: S45C.
- HRC: 46°.
- SET: 7pcs or 15pcs.
- With 4 slots in front and back.

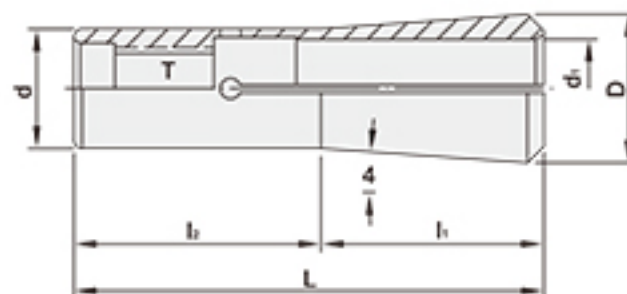
SYIC-83800 SYSTEM SHIN-YAIN MILLING CHUCK
ALL USE SYOZ COLLET.

MODEL NO.	TYPE	E-NO	d ₂ SIZE	WEIGHT (KGS)
SYIC - 83868 - M	SYOZ - 25 - M	462E	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 16, 18, 20, 25mm	0.24
SYIC - 83868 - I	SYOZ - 25 - INCH	-	1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"	0.24

SLC COLLET

SYIC-18851

SLC 專用筒夾



T W PAT NO. M 247335

- Steel: SUP-9
- HRC: 46°
- Surface Roughness: Rz2.5 (Ra 0.6)
- Precision: 5μ (4D length)

MODEL NO.	TYPE	d ₁	D	d	L	l ₁	l ₂	T	WEIGHT (KGS)
SYIC - 18851	SLC - 6	3, 4, 5, 6	10	8	36	24	12	M6 x 1.0P	0.02
SYIC - 18852	SLC - 12	3, 4, 5, 6, 8, 10, 12	18	14.5	57	25.45	31.55	M10 x 1.5P	0.04
SYIC - 18853	SLC - 20	3, 4, 5, 6, 8, 10, 12, 16, 18, 20	27	21	70	35	35	M12 x 1.75P	0.12
SYIC - 18855	SLC - 25	6, 8, 10, 12, 16, 18, 20, 25	32.4	25	80	43.5	34.5	M16 x 1.5P	0.16

SYIC-84000

TG 彈性筒夾

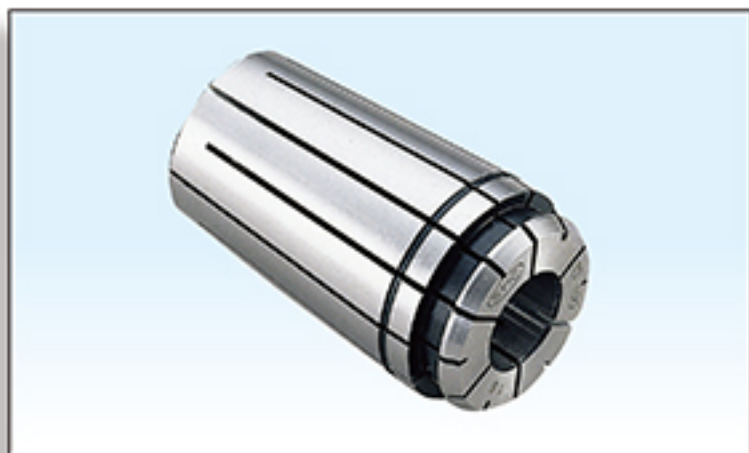


Fig.1

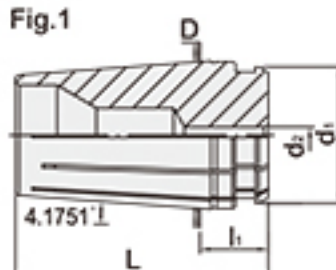
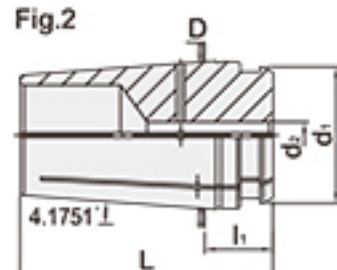


Fig.2



- Steel: S45C.
- HRC: 46°.
- Increment by 1mm or 1/64".
- With 6 slots in front and back.

MODEL NO.	TYPE	L	l ₁	D	d ₁	d ₂ (HOLE SIZE)	Fig	WEIGHT (KGS)
SYIC - 84008	TG 75	46.84	13.6	26.97	26.84	3mm ~ 16mm	1	0.15
SYIC - 84010	TG 100	60.32	16.32	35.02	32.5	3mm ~ 25mm	1	0.30
SYIC - 84063							2	0.30
SYIC - 84011	TG 150	76.2	18	50.83	47.7	4mm ~ 38mm	1	0.60
SYIC - 84011 - C							2	0.60
SYIC - 84008	TG 75	46.84	13.6	26.97	26.84	3/32" ~ 3/4"	1	0.15
SYIC - 84010	TG 100	60.32	16.32	35.02	32.5	3/32" ~ 1"	1	0.30
SYIC - 84063							2	0.30
SYIC - 84011	TG 150	76.2	18	50.83	47.7	5/32" ~ 1-1/2"	1	0.60
SYIC - 84011 - C							2	0.60

TG 75

MODEL NO.	SIZE	MODEL NO.	SIZE	MODEL NO.	SIZE	MODEL NO.	SIZE
SYIC - 84008 - 03	3	SYIC - 84008 - 07	7	SYIC - 84008 - 11	11	SYIC - 84008 - 15	15
SYIC - 84008 - 04	4	SYIC - 84008 - 08	8	SYIC - 84008 - 12	12	SYIC - 84008 - 16	16
SYIC - 84008 - 05	5	SYIC - 84008 - 09	9	SYIC - 84008 - 13	13		
SYIC - 84008 - 06	6	SYIC - 84008 - 10	10	SYIC - 84008 - 14	14		

TG 100

MODEL NO.	SIZE	MODEL NO.	SIZE	MODEL NO.	SIZE	MODEL NO.	SIZE
SYIC - 84010 - 03	3	SYIC - 84010 - 09	09	SYIC - 84010 - 15	15	SYIC - 84010 - 21	21
SYIC - 84010 - 04	4	SYIC - 84010 - 10	10	SYIC - 84010 - 16	16	SYIC - 84010 - 22	22
SYIC - 84010 - 05	5	SYIC - 84010 - 11	11	SYIC - 84010 - 17	17	SYIC - 84010 - 23	23
SYIC - 84010 - 06	6	SYIC - 84010 - 12	12	SYIC - 84010 - 18	18	SYIC - 84010 - 24	24
SYIC - 84010 - 07	7	SYIC - 84010 - 13	13	SYIC - 84010 - 19	19	SYIC - 84010 - 25	25
SYIC - 84010 - 08	8	SYIC - 84010 - 14	14	SYIC - 84010 - 20	20		

TG 150

MODEL NO.	SIZE	MODEL NO.	SIZE	MODEL NO.	SIZE	MODEL NO.	SIZE
SYIC - 84011 - 04	4	SYIC - 84011 - 13	13	SYIC - 84011 - 22	22	SYIC - 84011 - 31	31
SYIC - 84011 - 05	5	SYIC - 84011 - 14	14	SYIC - 84011 - 23	23	SYIC - 84011 - 32	32
SYIC - 84011 - 06	6	SYIC - 84011 - 15	15	SYIC - 84011 - 24	24	SYIC - 84011 - 33	33
SYIC - 84011 - 07	7	SYIC - 84011 - 16	16	SYIC - 84011 - 25	25	SYIC - 84011 - 34	34
SYIC - 84011 - 08	8	SYIC - 84011 - 17	17	SYIC - 84011 - 26	26	SYIC - 84011 - 35	35
SYIC - 84011 - 09	9	SYIC - 84011 - 18	18	SYIC - 84011 - 27	27	SYIC - 84011 - 36	36
SYIC - 84011 - 10	10	SYIC - 84011 - 19	19	SYIC - 84011 - 28	28	SYIC - 84011 - 37	37
SYIC - 84011 - 11	11	SYIC - 84011 - 20	20	SYIC - 84011 - 29	29	SYIC - 84011 - 38	38
SYIC - 84011 - 12	12	SYIC - 84011 - 21	21	SYIC - 84011 - 30	30		



TG 75 INCH SIZE

MODEL NO.	SIZE	MODEL NO.	SIZE	MODEL NO.	SIZE	MODEL NO.	SIZE
SYIC - 84008 - 3/32	3/32"	SYIC - 84008 - 17/64	17/64"	SYIC - 84008 - 7/16	7/16"	SYIC - 84008 - 39/64	39/64"
SYIC - 84008 - 7/64	7/64"	SYIC - 84008 - 9/32	9/32"	SYIC - 84008 - 29/64	29/64"	SYIC - 84008 - 5/8	5/8"
SYIC - 84008 - 1/8	1/8"	SYIC - 84008 - 19/64	19/64"	SYIC - 84008 - 15/32	15/32"	SYIC - 84008 - 41/64	41/64"
SYIC - 84008 - 9/64	9/64"	SYIC - 84008 - 5/16	5/16"	SYIC - 84008 - 31/64	31/64"	SYIC - 84008 - 21/32	21/32"
SYIC - 84008 - 5/32	5/32"	SYIC - 84008 - 21/64	21/64"	SYIC - 84008 - 1/2	1/2"	SYIC - 84008 - 43/64	43/64"
SYIC - 84008 - 11/64	11/64"	SYIC - 84008 - 11/32	11/32"	SYIC - 84008 - 33/64	33/64"	SYIC - 84008 - 11/16	11/16"
SYIC - 84008 - 3/16	3/16"	SYIC - 84008 - 23/64	23/64"	SYIC - 84008 - 17/32	17/32"	SYIC - 84008 - 45/64	45/64"
SYIC - 84008 - 13/64	13/64"	SYIC - 84008 - 3/8	3/8"	SYIC - 84008 - 35/64	35/64"	SYIC - 84008 - 23/32	23/32"
SYIC - 84008 - 7/32	7/32"	SYIC - 84008 - 25/64	25/64"	SYIC - 84008 - 9/16	9/16"	SYIC - 84008 - 47/64	47/64"
SYIC - 84008 - 15/64	15/64"	SYIC - 84008 - 13/32	13/32"	SYIC - 84008 - 37/64	37/64"	SYIC - 84008 - 3/4	3/4"
SYIC - 84008 - 1/4	1/4"	SYIC - 84008 - 27/64	27/64"	SYIC - 84008 - 19/32	19/32"		

TG 100 INCH SIZE

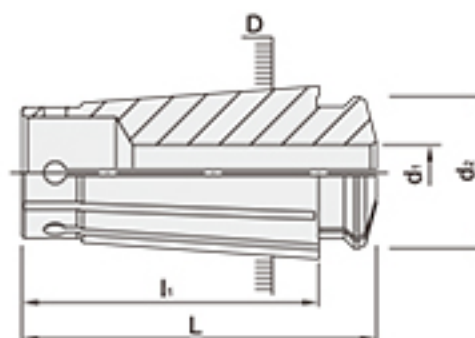
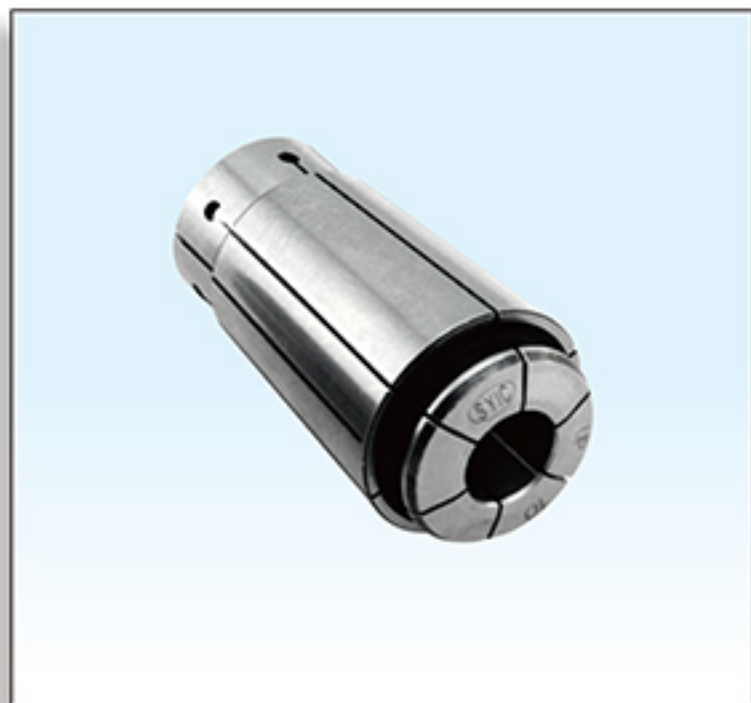
MODEL NO.	SIZE	MODEL NO.	SIZE	MODEL NO.	SIZE	MODEL NO.	SIZE
SYIC - 84010 - 3/32	3/32"	SYIC - 84010 - 21/64	21/64"	SYIC - 84010 - 9/16	9/16"	SYIC - 84010 - 51/64	51/64"
SYIC - 84010 - 7/64	7/64"	SYIC - 84010 - 11/32	11/32"	SYIC - 84010 - 37/64	37/64"	SYIC - 84010 - 13/16	13/16"
SYIC - 84010 - 1/8	1/8"	SYIC - 84010 - 23/64	23/64"	SYIC - 84010 - 19/32	19/32"	SYIC - 84010 - 53/64	53/64"
SYIC - 84010 - 9/64	9/64"	SYIC - 84010 - 3/8	3/8"	SYIC - 84010 - 39/64	39/64"	SYIC - 84010 - 27/32	27/32"
SYIC - 84010 - 5/32	5/32"	SYIC - 84010 - 25/64	25/64"	SYIC - 84010 - 5/8	5/8"	SYIC - 84010 - 55/64	55/64"
SYIC - 84010 - 11/64	11/64"	SYIC - 84010 - 13/32	13/32"	SYIC - 84010 - 41/64	41/64"	SYIC - 84010 - 7/8	7/8"
SYIC - 84010 - 3/16	3/16"	SYIC - 84010 - 27/64	27/64"	SYIC - 84010 - 21/32	21/32"	SYIC - 84010 - 57/64	57/64"
SYIC - 84010 - 13/64	13/64"	SYIC - 84010 - 7/16	7/16"	SYIC - 84010 - 43/64	43/64"	SYIC - 84010 - 29/32	29/32"
SYIC - 84010 - 7/32	7/32"	SYIC - 84010 - 29/64	29/64"	SYIC - 84010 - 11/16	11/16"	SYIC - 84010 - 59/64	59/64"
SYIC - 84010 - 15/64	15/64"	SYIC - 84010 - 15/32	15/32"	SYIC - 84010 - 45/64	45/64"	SYIC - 84010 - 15/16	15/16"
SYIC - 84010 - 1/4	1/4"	SYIC - 84010 - 31/64	31/64"	SYIC - 84010 - 23/32	23/32"	SYIC - 84010 - 61/64	61/64"
SYIC - 84010 - 17/64	17/64"	SYIC - 84010 - 1/2	1/2"	SYIC - 84010 - 47/64	47/64"	SYIC - 84010 - 31/32	31/32"
SYIC - 84010 - 9/32	9/32"	SYIC - 84010 - 33/64	33/64"	SYIC - 84010 - 3/4	3/4"	SYIC - 84010 - 63/64	63/64"
SYIC - 84010 - 19/64	19/64"	SYIC - 84010 - 17/32	17/32"	SYIC - 84010 - 49/64	49/64"	SYIC - 84010 - 1	1"
SYIC - 84010 - 5/16	5/16"	SYIC - 84010 - 35/64	35/64"	SYIC - 84010 - 25/32	25/32"		

TG 150 INCH SIZE

MODEL NO.	SIZE	MODEL NO.	SIZE	MODEL NO.	SIZE	MODEL NO.	SIZE
SYIC - 84011 - 5/32	5/32"	SYIC - 84011 - 1/2	1/2"	SYIC - 84011 - 27/32	27/32"	SYIC - 84011 - 1-3/16	1-3/16"
SYIC - 84011 - 11/64	11/64"	SYIC - 84011 - 33/64	33/64"	SYIC - 84011 - 55/64	55/64"	SYIC - 84011 - 1-13/64	1-13/64"
SYIC - 84011 - 3/16	3/16"	SYIC - 84011 - 17/32	17/32"	SYIC - 84011 - 7/8	7/8"	SYIC - 84011 - 1-7/32	1-7/32"
SYIC - 84011 - 13/64	13/64"	SYIC - 84011 - 35/64	35/64"	SYIC - 84011 - 57/64	57/64"	SYIC - 84011 - 1-15/64	1-15/64"
SYIC - 84011 - 7/32	7/32"	SYIC - 84011 - 9/16	9/16"	SYIC - 84011 - 29/32	29/32"	SYIC - 84011 - 1-1/4	1-1/4"
SYIC - 84011 - 15/64	15/64"	SYIC - 84011 - 37/64	37/64"	SYIC - 84011 - 59/64	59/64"	SYIC - 84011 - 1-17/64	1-17/64"
SYIC - 84011 - 1/4	1/4"	SYIC - 84011 - 19/32	19/32"	SYIC - 84011 - 15/16	15/16"	SYIC - 84011 - 1-9/32	1-9/32"
SYIC - 84011 - 17/64	17/64"	SYIC - 84011 - 39/64	39/64"	SYIC - 84011 - 61/64	61/64"	SYIC - 84011 - 1-19/64	1-19/64"
SYIC - 84011 - 9/32	9/32"	SYIC - 84011 - 5/8	5/8"	SYIC - 84011 - 31/32	31/32"	SYIC - 84011 - 1-5/16	1-5/16"
SYIC - 84011 - 19/64	19/64"	SYIC - 84011 - 41/64	41/64"	SYIC - 84011 - 63/64	63/64"	SYIC - 84011 - 1-21/64	1-21/64"
SYIC - 84011 - 5/16	5/16"	SYIC - 84011 - 21/32	21/32"	SYIC - 84011 - 1"	1"	SYIC - 84011 - 1-11/32	1-11/32"
SYIC - 84011 - 21/64	21/64"	SYIC - 84011 - 43/64	43/64"	SYIC - 84011 - 1-1/64	1-1/64"	SYIC - 84011 - 1-23/64	1-23/64"
SYIC - 84011 - 11/32	11/32"	SYIC - 84011 - 41/64	41/64"	SYIC - 84011 - 1-1/32	1-1/32"	SYIC - 84011 - 1-3/8	1-3/8"
SYIC - 84011 - 23/64	23/64"	SYIC - 84011 - 45/64	45/64"	SYIC - 84011 - 1-3/64	1-3/64"	SYIC - 84011 - 1-25/64	1-25/64"
SYIC - 84011 - 3/8	3/8"	SYIC - 84011 - 23/32	23/32"	SYIC - 84011 - 1-1/16	1-1/16"	SYIC - 84011 - 1-13/32	1-13/32"
SYIC - 84011 - 25/64	25/64"	SYIC - 84011 - 47/64	47/64"	SYIC - 84011 - 1-5/64	1-5/64"	SYIC - 84011 - 1-27/64	1-27/64"
SYIC - 84011 - 13/32	13/32"	SYIC - 84011 - 3/4	3/4"	SYIC - 84011 - 1-3/32	1-3/32"	SYIC - 84011 - 1-7/16	1-7/16"
SYIC - 84011 - 27/64	27/64"	SYIC - 84011 - 49/64	49/64"	SYIC - 84011 - 1-7/64	1-7/64"	SYIC - 84011 - 1-29/64	1-29/64"
SYIC - 84011 - 7/16	7/16"	SYIC - 84011 - 25/32	25/32"	SYIC - 84011 - 1-1/8	1-1/8"	SYIC - 84011 - 1-15/32	1-15/32"
SYIC - 84011 - 29/64	29/64"	SYIC - 84011 - 51/64	51/64"	SYIC - 84011 - 1-9/64	1-9/64"	SYIC - 84011 - 1-31/64	1-31/64"
SYIC - 84011 - 15/32	15/32"	SYIC - 84011 - 13/16	13/16"	SYIC - 84011 - 1-5/32	1-5/32"	SYIC - 84011 - 1-1/2	1-1/2"
SYIC - 84011 - 31/64	31/64"	SYIC - 84011 - 53/64	53/64"	SYIC - 84011 - 1-11/64	1-11/64"		

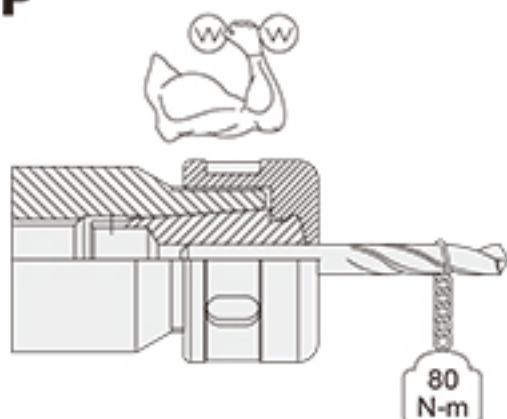
SYIC-18300

SKS 高速機專用筒夾



- Steel: SUP-9.
- HRC: 46°.
- Surface Roughness: Rz2.0.
- Precision: Within 5 μ .
- SKS collets with internal hole size less than 2mm need to be customized.

TYPE UP



- With flexibility and bigger clamping range.
- More slots than type E collets
- Collet Internal Hole > ϕ 3mm, Clamping Flexibility=0.5mm
- Collet Internal Hole < ϕ 3mm, Clamping Flexibility=0.25mm.
- Precision: 5 μ .

MODEL NO.	TYPE	L	l ₁	D	d ₂	WEIGHT (KGS)
SYIC - 18302	SKS - 6	25.7	21.4	9.964	9.26	0.03
SYIC - 18304	SKS - 10	32	26.8	15.013	13.6	0.04
SYIC - 18305	SKS - 13	39.1	33.6	19.5	17	0.04
SYIC - 18306	SKS - 16	46	40	23.939	21	0.06
SYIC - 18308	SKS - 20	54.3	49	28.5	24.9	0.14
SYIC - 18310	SKS - 25	58.2	51.5	35.029	31	1.00

SKS - 6 - UP				SKS - 10 - UP			
MODEL NO.	SIZE RANGE	MODEL NO.	SIZE RANGE	MODEL NO.	SIZE RANGE	MODEL NO.	SIZE RANGE
18302-3	3.0 ~ 2.75	18302-4.5	4.5 ~ 4.0	18304-3	3.0 ~ 2.75	18304-8	8.0 ~ 7.5
18302-3.5	3.5 ~ 3.0	18302-5	5.0 ~ 4.5	18304-3.5	3.5 ~ 3.0	18304-8.5	8.5 ~ 8.0
18302-4	4.0 ~ 3.5	18302-5.5	5.5 ~ 5.0	18304-4	4.0 ~ 3.5	18304-9	9.0 ~ 8.5
		18302-6	6.0 ~ 5.5	18304-4.5	4.5 ~ 4.0	18304-9.5	9.5 ~ 9.0
				18304-5	5.0 ~ 4.5	18304-10	10.0 ~ 9.5
				18304-5.5	5.5 ~ 5.0		
				18304-6	6.0 ~ 5.5		
				18304-6.5	6.5 ~ 6.0		
				18304-7	7.0 ~ 6.5		
				18304-7.5	7.5 ~ 7.0		

SKS - 13 - UP

SKS - 16 - UP

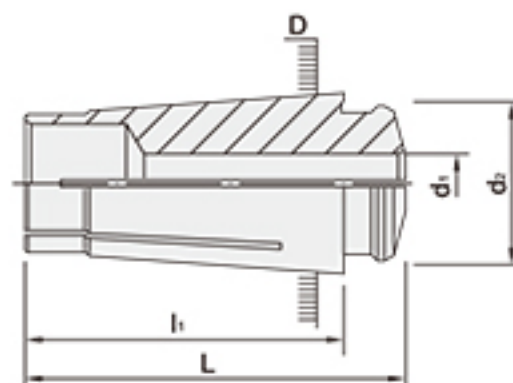
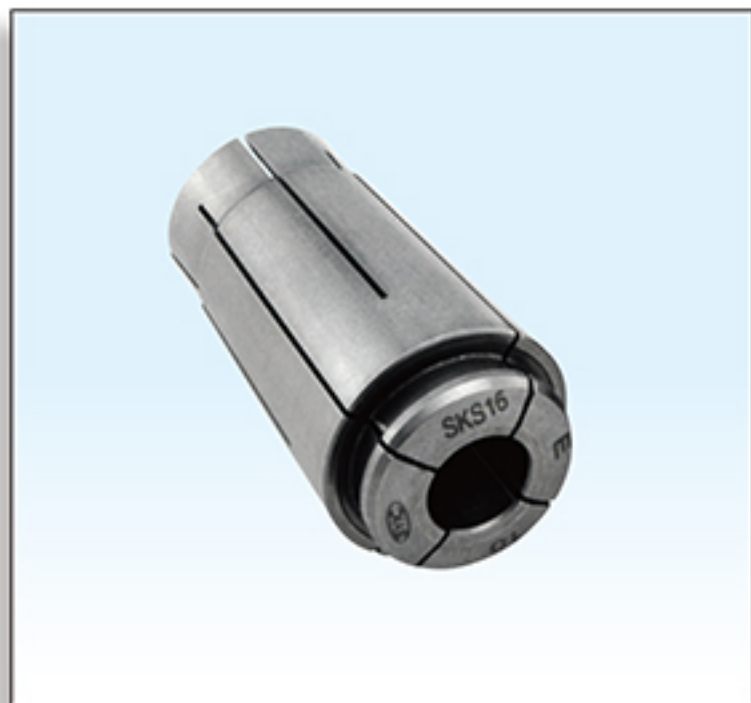
SKS - 20 - UP

SKS - 25 - UP

MODEL NO.	SIZE RANGE	MODEL NO.	SIZE RANGE	MODEL NO.	SIZE RANGE	MODEL NO.	SIZE RANGE
18305-3	3.0 ~ 2.75	18306-3	3.0 ~ 2.75	18308-3	3.0 ~ 2.75	18310-3	3.0 ~ 2.5
18305-3.5	3.5 ~ 3.0	18306-3.5	3.5 ~ 3.0	18308-3.5	3.5 ~ 3.0	18310-3.5	3.5 ~ 3.0
18305-4	4.0 ~ 3.5	18306-4	4.0 ~ 3.5	18308-4	4.0 ~ 3.5	18310-4	4.0 ~ 3.5
18305-4.5	4.5 ~ 4.0	18306-4.5	4.5 ~ 4.0	18308-4.5	4.5 ~ 4.0	18310-4.5	4.5 ~ 4.0
18305-5	5.0 ~ 4.5	18306-5	5.0 ~ 4.5	18308-5	5.0 ~ 4.5	18310-5	5.0 ~ 4.5
18305-5.5	5.5 ~ 5.0	18306-5.5	5.5 ~ 5.0	18308-5.5	5.5 ~ 5.0	18310-5.5	5.5 ~ 5.0
18305-6	6.0 ~ 5.5	18306-6	6.0 ~ 5.5	18308-6	6.0 ~ 5.5	18310-6	6.0 ~ 5.5
18305-6.5	6.5 ~ 6.0	18306-6.5	6.5 ~ 6.0	18308-6.5	6.5 ~ 6.0	18310-6.5	6.5 ~ 6.0
18305-7	7.0 ~ 6.5	18306-7	7.0 ~ 6.5	18308-7	7.0 ~ 6.5	18310-7	7.0 ~ 6.5
18305-7.5	7.5 ~ 7.0	18306-7.5	7.5 ~ 7.0	18308-7.5	7.5 ~ 7.0	18310-7.5	7.5 ~ 7.0
18305-8	8.0 ~ 7.5	18306-8	8.0 ~ 7.5	18308-8	8.0 ~ 7.5	18310-8	8.0 ~ 7.5
18305-8.5	8.5 ~ 8.0	18306-8.5	8.5 ~ 8.0	18308-8.5	8.5 ~ 8.0	18310-8.5	8.5 ~ 8.0
18305-9	9.0 ~ 8.5	18306-9	9.0 ~ 8.5	18308-9	9.0 ~ 8.5	18310-9	9.0 ~ 8.5
18305-9.5	9.5 ~ 9.0	18306-9.5	9.5 ~ 9.0	18308-9.5	9.5 ~ 9.0	18310-9.5	9.5 ~ 9.0
18305-10	10 ~ 9.5	18306-10	10 ~ 9.5	18308-10	10 ~ 9.5	18310-10	10 ~ 9.5
18305-10.5	10.5 ~ 10	18306-10.5	10.5 ~ 10	18308-10.5	10.5 ~ 10	18310-10.5	10.5 ~ 10
18305-11	11 ~ 10.5	18306-11	11 ~ 10.5	18308-11	11 ~ 10.5	18310-11	11 ~ 10.5
18305-11.5	11.5 ~ 11	18306-11.5	11.5 ~ 11	18308-11.5	11.5 ~ 11	18310-11.5	11.5 ~ 11
18305-12	12 ~ 11.5	18306-12	12 ~ 11.5	18308-12	12 ~ 11.5	18310-12	12 ~ 11.5
18305-12.5	12.5 ~ 12	18306-12.5	12.5 ~ 12	18308-12.5	12.5 ~ 12	18310-12.5	12.5 ~ 12
18305-13	13 ~ 12.5	18306-13	13 ~ 12.5	18308-13	13 ~ 12.5	18310-13	13 ~ 12.5
		18306-13.5	13.5 ~ 13	18308-13.5	13.5 ~ 13	18310-13.5	13.5 ~ 13
		18306-14	14 ~ 13.5	18308-14	14 ~ 13.5	18310-14	14 ~ 13.5
		18306-14.5	14.5 ~ 14	18308-14.5	14.5 ~ 14	18310-14.5	14.5 ~ 14
		18306-15	15 ~ 14.5	18308-15	15 ~ 14.5	18310-15	15 ~ 14.5
		18306-15.5	15.5 ~ 15	18308-15.5	15.5 ~ 15	18310-15.5	15.5 ~ 15
		18306-16	16 ~ 15.5	18308-16	16 ~ 15.5	18310-16	16 ~ 15.5
				18308-16.5	16.5 ~ 16	18310-16.5	16.5 ~ 16
				18308-17	17 ~ 16.5	18310-17	17 ~ 16.5
				18308-17.5	17.5 ~ 17	18310-17.5	17.5 ~ 17
				18308-18	18 ~ 17.5	18310-18	18 ~ 17.5
				18308-18.5	18.5 ~ 18	18310-18.5	18.5 ~ 18
				18308-19	19 ~ 18.5	18310-19	19 ~ 18.5
				18308-19.5	19.5 ~ 19	18310-19.5	19.5 ~ 19
				18308-20	20 ~ 19.5	18310-20	20 ~ 19.5
						18310-20.5	20.5 ~ 20
						18310-21	21 ~ 20.5
						18310-21.5	21.5 ~ 21
						18310-22	22 ~ 21.5
						18310-22.5	22.5 ~ 22
						18310-23	23 ~ 22.5
						18310-23.5	23.5 ~ 23
						18310-24	24 ~ 23.5
						18310-24.5	24.5 ~ 24
						18310-25	25 ~ 24.5
						18310-25.4	25.4 ~ 25

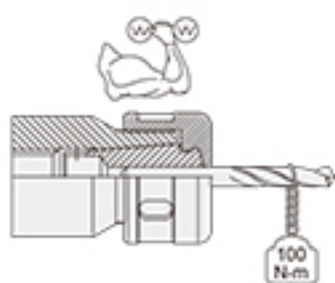
SYIC-18300E

SKS 高速機専用筒夾



- Steel: SUP-9.
- HRC: 46°.
- Surface Roughness: Rz2.0.
- Precision: Within 5 μ .
- SKS collets with internal hole size less than 2mm need to be customized.

TYPE E



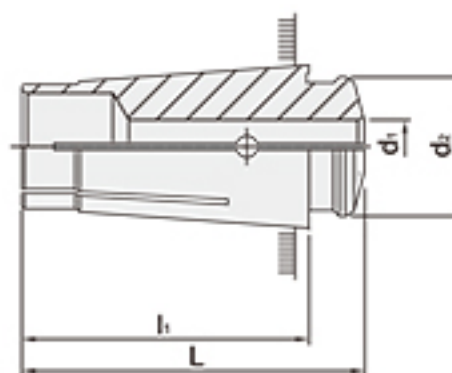
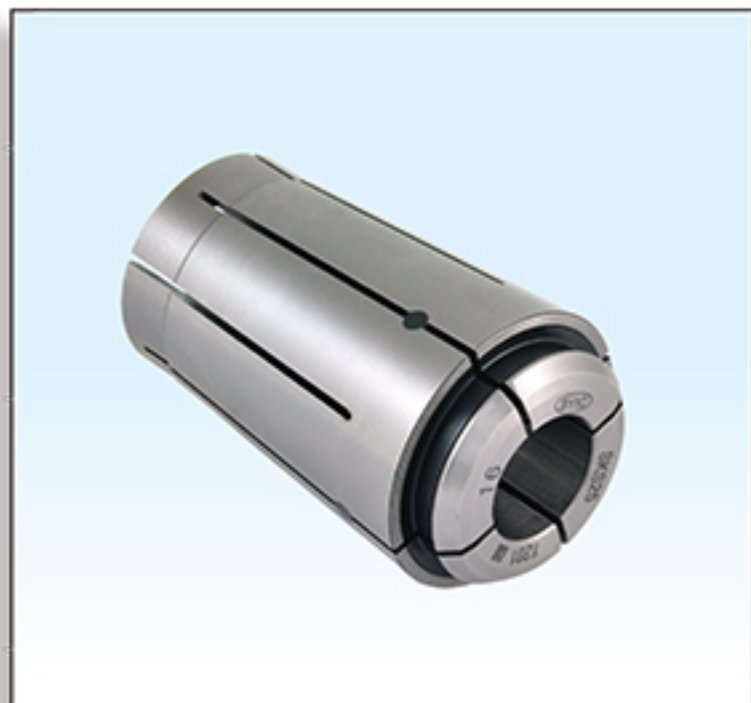
- Without flexibility
- The external diameters of cutting tools and collet internal holes need to be the same.
- Better clamping power and good rigidity.
- Precision: 5 μ .

MODEL NO.	TYPE	L	l ₁	D	d ₁	d ₂	WEIGHT (KGS)
SYIC - 18302E	SKS - 6E	25.7	21.4	9.964	$\phi 1 \sim \phi 6$	8.76	0.03
SYIC - 18304E	SKS - 10E	32	26.8	15.013	$\phi 2 \sim \phi 10$	13	0.04
SYIC - 18305E	SKS - 13E	39.1	33.6	19.5	$\phi 3 \sim \phi 13$	17	0.04
SYIC - 18306E	SKS - 16E	46	40	23.939	$\phi 3 \sim \phi 16$	20.5	0.06
SYIC - 18308E	SKS - 20E	54.3	49	28.5	$\phi 3 \sim \phi 20$	24.9	0.14

SKS - 6E		SKS - 10E		SKS - 13E		SKS - 16E		SKS - 20E	
MODEL NO.	SIZE RANGE	MODEL NO.	SIZE RANGE	MODEL NO.	SIZE RANGE	MODEL NO.	SIZE RANGE	MODEL NO.	SIZE RANGE
18302E-1	1	18304E-2	2	18305E-3	3	18306E-3	3	18308E-3	3
18302E-2	2	18304E-3	3	18305E-4	4	18306E-4	4	18308E-4	4
18302E-3	3	18304E-4	4	18305E-5	5	18306E-5	5	18308E-5	5
18302E-4	4	18304E-5	5	18305E-6	6	18306E-6	6	18308E-6	6
18302E-5	5	18304E-6	6	18305E-8	8	18306E-7	7	18308E-7	7
18302E-6	6	18304E-7	7	18305E-9	9	18306E-8	8	18308E-8	8
		18304E-8	8	18305E-10	10	18306E-9	9	18308E-9	9
		18304E-9	9	18305E-11	11	18306E-10	10	18308E-10	10
		18304E-10	10	18305E-12	12	18306E-11	11	18308E-11	11
				18305E-13	13	18306E-12	12	18308E-12	12
						18306E-13	13	18308E-13	13
						18306E-14	14	18308E-14	14
						18306E-15	15	18308E-15	15
						18306E-16	16	18308E-16	16
								18308E-17	17
								18308E-18	18
								18308E-19	19
								18308E-20	20

SYIC-18300C

SKS 止水筒夾



- Can provide coolant, which removes metal chips, extends tool's life, improves production efficiency and decreases the costs.
- Water pressure: 21 kgf/cm².
- No flexibility, can only used for one size tool.
- Used for tools with coolant hole.
- Precision: Within 5 μ .
- Better clamping power and good rigidity.

MODEL NO.	TYPE	L	l ₁	D	d ₁	d ₂	WEIGHT (KGS)
SYIC - 18304C	SKS - 10C	32	26.8	15.013	$\phi 3.0 \sim \phi 10$	12.8	0.04
SYIC - 18305C	SKS - 13C	39.1	33.6	19.5	$\phi 3.0 \sim \phi 13$	16.5	0.05
SYIC - 18306C	SKS - 16C	46	40	23.939	$\phi 4.0 \sim \phi 16$	20.2	0.06
SYIC - 18308C	SKS - 20C	54.3	49	28.5	$\phi 4.0 \sim \phi 20$	24.4	0.07
SYIC - 18310C	SKS - 25C	58.2	51.5	35.029	$\phi 6.0 \sim \phi 25.4$	30	0.08

SKS - 10C		SKS - 13C		SKS - 16C		SKS - 20C		SKS - 25C	
MODEL NO.	SIZE RANGE	MODEL NO.	SIZE RANGE	MODEL NO.	SIZE RANGE	MODEL NO.	SIZE RANGE	MODEL NO.	SIZE RANGE
18304C-3	3	18305C-3	3	18306C-3	3	18308C-3	3	18310C-6	6
18304C-4	4	18305C-4	4	18306C-4	4	18308C-4	4	18310C-7	7
18304C-5	5	18305C-5	5	18306C-5	5	18308C-5	5	18310C-8	8
18304C-6	6	18305C-6	6	18306C-6	6	18308C-6	6	18310C-9	9
18304C-7	7	18305C-8	8	18306C-7	7	18308C-7	7	18310C-10	10
18304C-8	8	18305C-9	9	18306C-8	8	18308C-8	8	18310C-11	11
18304C-9	9	18305C-10	10	18306C-9	9	18308C-9	9	18310C-12	12
18304C-10	10	18305C-11	11	18306C-10	10	18308C-10	10	18310C-13	13
		18305C-12	12	18306C-11	11	18308C-11	11	18310C-14	14
		18305C-13	13	18306C-12	12	18308C-12	12	18310C-15	15
				18306C-13	13	18308C-13	13	18310C-16	16
				18306C-14	14	18308C-14	14	18310C-17	17
				18306C-15	15	18308C-15	15	18310C-18	18
				18306C-16	16	18308C-16	16	18310C-19	19
						18308C-17	17	18310C-20	20
						18308C-18	18	18310C-21	21
						18308C-19	19	18310C-22	22
						18308C-20	20	18310C-23	23
								18310C-24	24
								18310C-25	25
								18310C-25.4	25.4

SYIC-04500P

ER 包固得螺帽



TW PAT NO. M298033
TW PAT NO. M311791
JP PAT NO. 3128766
KR PAT NO. 20-0439603
CN PAT NO. ZL200620132661.0
CH PAT NO. 696550
TR PAT NO. TR 2007 02942 Y
IT PAT NO. N0000266731

- Special surface treatment. Clamping power is increased twice.
- Suitable for SYIC-04210 ER Collet.
- Pre-balance to G6.3 10,000rpm.

Fig.1

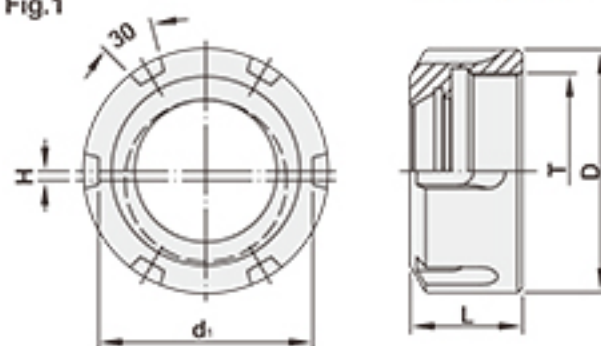


Fig.2

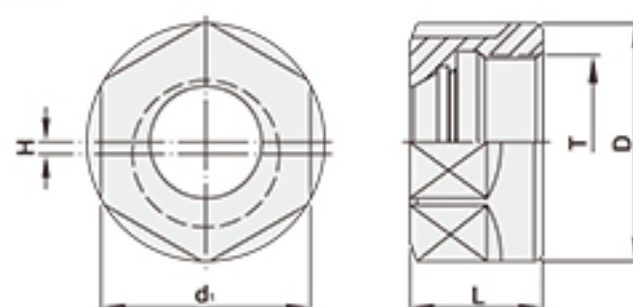
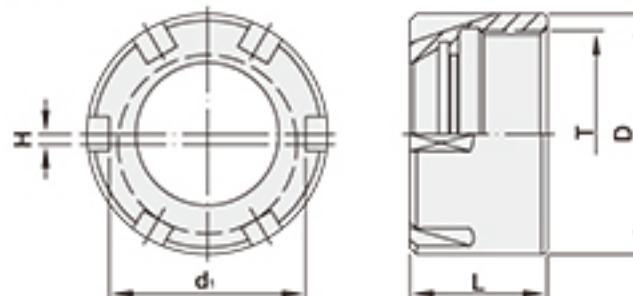


Fig.3



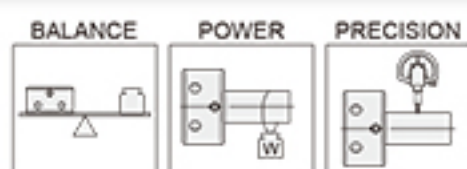
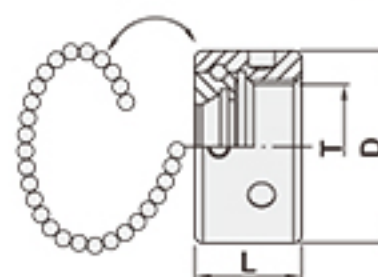
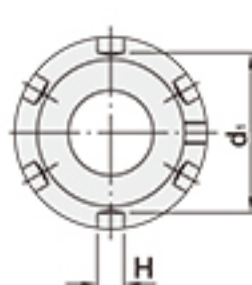
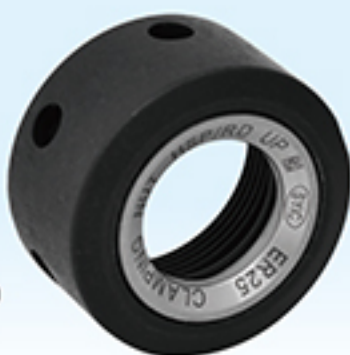
MODEL NO.	TYPE	D	d ₁	H	L	T	Fig	WEIGHT (KGS)
SYIC - 04501P	ER11 - A	19	17	1	11.3	M14 x 0.75P	2	0.020
SYIC - 04502P	ER16 - A	28	25	1.65	17.5	M22 x 1.5P		0.050
SYIC - 04503P	ER20 - A	34	30	1.65	19	M25 x 1.5P		0.100
SYIC - 04506P	ER16 - UM-RD	31.7	26	1.65	18	M22 x 1.5P	1	0.050
SYIC - 04507P	ER20 - UM-RD	35	29	1.65	19.5	M25 x 1.5P		0.100
SYIC - 04508P	ER25 - UM-RD	42	36	1.85	20	M32 x 1.5P		0.140
SYIC - 04509P	ER32 - UM-RD	50	44	2	22.5	M40 x 1.5P		0.200
SYIC - 04510P	ER40 - UM-RD	63	57	2.4	25.5	M50 x 1.5P		0.300
SYIC - 04511P	ER50 - UM-RD	78	71	2.5	35.5	M64 x 2.0P	3	0.500
SYIC - 04523P	ER8 - M	12	10	0.6	10.8	M10 x 0.75P		0.005
SYIC - 04524P	ER11 - M	16	12	0.6	11.3	M13 x 0.75P		0.010
SYIC - 04525P	ER16 - M	22	17.2	1	18	M19 x 1.0P		0.050
SYIC - 04526P	ER20 - M	28	22.5	1.45	19	M24 x 1.0P		0.050
SYIC - 04527P	ER25 - M	35	28.6	1.5	20	M30 x 1.0P		0.080

SYIC-08680P

ER 強力精密高速型螺帽



TW PAT NO. M298033
TW PAT NO. M311791
JP PAT NO. 3128766
KR PAT NO. 20-0433603
CN PAT NO. ZL200620132661.0
CH PAT NO. 696550
TR PAT NO. TR 2007 02942 Y
IT PAT NO. N0000266731
TW PAT NO. 186381



- Steel; SNCM - 21 • HRC; 52°
- Applied for SYIC-04600 ER spanner.
- The external diameter is ground precisely, decreasing unbalance.
- Balanced to G2.5 15,000 rpm.

- According to ISO1941-1 standard, examined by a balancing machine.
- Can be ordered separately.
- Higher precision and stability if matching ER Collet-UP class.

MODEL NO.	TYPE	D	d ₁	H	L	T	WEIGHT (KGS)
SYIC - 08680P	ER 16 - HSP	32	26	5	18	M22 x 1.5P	0.008
SYIC - 08681P	ER 20 - HSP	36	30		20	M25 x 1.5P	0.100
SYIC - 08682P	ER 25 - HSP	42	36	4.4	22.5	M32 x 1.5P	0.100
SYIC - 08684P	ER 32 - HSP	50	44		25	M40 x 1.5P	0.150
SYIC - 08686P	ER 40 - HSP	63	57		27.5	M50 x 1.5P	0.270

HIGH SPEED POWER GOOD NUT

SYIC-08650P

ER 高速型包固得螺帽



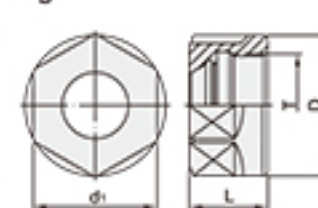
TW PAT NO. M298033
TW PAT NO. M311791
JP PAT NO. 3128766
KR PAT NO. 20-0433603
CN PAT NO. ZL200620132661.0
CH PAT NO. 696550
TR PAT NO. TR 2007 02942 Y
IT PAT NO. N0000266731
TW PAT NO. 186381



Fig.1



Fig.2



- Special surface treatment. Clamping power is improved twice.
- Suitable for ER Collets.
- Balanced to G2.5 15,000 rpm.

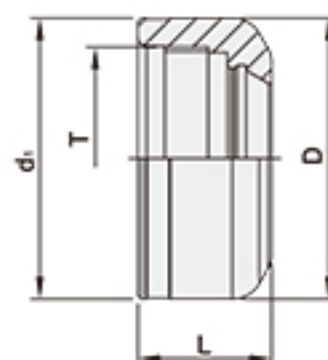
MODEL NO.	TYPE	D	d ₁	L	T	Fig	WEIGHT (KGS)
SYIC - 08652P	ER11A - HS	19	17	11.3	M14 x 0.75P	2	0.02
SYIC - 08654P	ER16A - HS	28	25	17.5	M22 x 1.5P		0.05
SYIC - 08655P	ER16 - HS	32	26	18	M22 x 1.5P	1	0.06
SYIC - 08656P	ER20A - HS	34	30	19	M25 x 1.5P	2	0.10
SYIC - 08657P	ER20 - HS	35	29.5	19.5	M25 x 1.5P	1	0.11
SYIC - 08658P	ER25 - HS	42	35.7	20.5	M32 x 1.5P		0.14
SYIC - 08660P	ER32 - HS	50	43.8	23	M40 x 1.5P		0.20
SYIC - 08662P	ER40 - HS	63	57	26	M50 x 1.5P		0.30



POWER GOOD PNER CLAMPING NUT

SYIC-04500-PN

PNER 螺帽



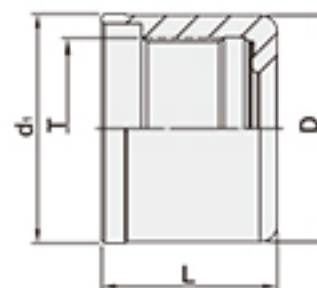
MODEL NO.	TYPE	L	D	d ₁	T	WEIGHT (KGS)
SYIC - 04506-PN	PNER16	23	30	30.15	M22 x 1.5P	0.03
SYIC - 04507-PN	PNER20	24	32	32.15	M25 x 1.5P	0.04
SYIC - 04508-PN	PNER25	24	40	40.15	M32 x 1.5P	0.06
SYIC - 04509-PN	PNER32	27	50	50.15	M40 x 1.5P	0.10
SYIC - 04510-PN	PNER40	30	63	63	M50 x 1.5P	0.25



SK3 NON WIND RESISTANCE NUT

SYIC-206.763

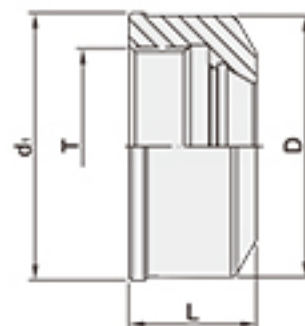
SK3 無風阻螺帽



MODEL NO.	TYPE	L	D	d ₁	T	WEIGHT (KGS)
SYIC - 206.763.06	SK306	23.35	18	20	M14 x 1.0P	0.03
SYIC - 206.763.10	SK310	24	27	27.5	M21.5 x 1.0P	0.04
SYIC - 206.763.13	SK313	29.6	34	34.4	M27 x 1.0P	0.06
SYIC - 206.763.16	SK316	33	40	40.5	M32 x 1.5P	0.10

SYIC-206.130

無風阻螺帽



Feature:

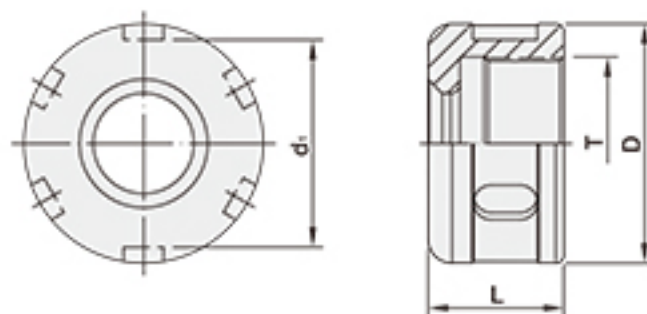
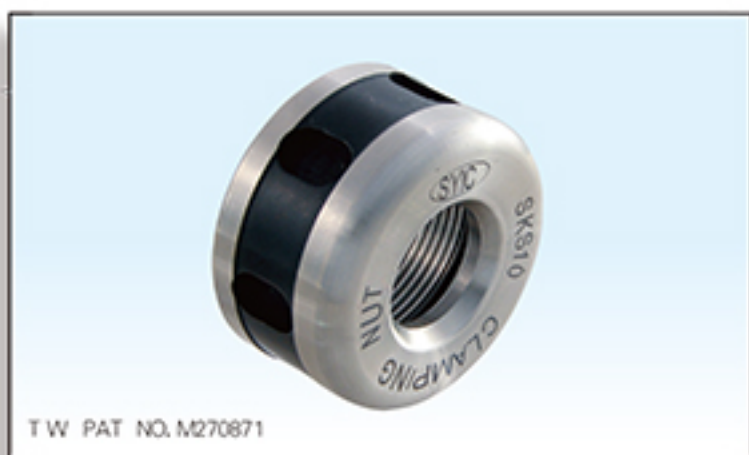
- Due to special surface treatment, clamping power is increased by 50%~100%.
- Its non-slot design decreases wind shear, and can be used for high speed application.

MODEL NO.	TYPE	L	D	d ₁	T	WEIGHT (KGS)
SYIC - 206.130.16	ER16	17.5	30	31	M22 × 1.5P	0.05
SYIC - 206.130.20	ER20	19	34	35	M25 × 1.5P	0.10
SYIC - 206.130.25	ER25	20	42	43	M32 × 1.5P	0.14
SYIC - 206.130.32	ER32	22.5	50	51	M40 × 1.5P	0.23
SYIC - 206.668.06	SKS-6	15	18	19	M14 × 1.0P	0.20
SYIC - 206.668.10	SKS-10	17	30	31	M21.5 × 1.0P	0.04
SYIC - 206.668.13	SKS-13	21	34	35	M27 × 1.0P	0.06
SYIC - 206.668.16	SKS-16	24.5	40	41	M32 × 1.0P	0.06
SYIC - 206.668.20	SKS-20	24	48	48.5	M40 × 1.0P	0.14
SYIC - 206.668.25	SKS-25	30.5	55	56	M45 × 1.0P	1.00

SKS CLAMPING NUT

SYIC-18310

SKS 高速機專用螺帽



- Fine pitch: H4 to ensure the good precision.

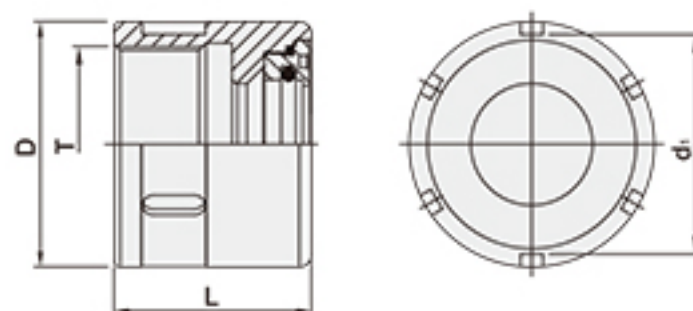
MODEL NO.	TYPE	L	D	d ₁	T	WEIGHT (KGS)
SYIC - 18312	SKS6	15	18	-	M14 x 1.0P	0.02
SYIC - 18314	SKS10	17	30	26	M21.5 x 1.0P	0.04
SYIC - 18315-13	SKS13	21	33	31.8	M27 x 1.0P	0.06
SYIC - 18316	SKS16	24.5	40	35.8	M32 x 1.5P	0.06
SYIC - 18318	SKS20	24	48.5	44.4	M40 x 1.0P	0.14
SYIC - 18320	SKS25	30.5	55	50	M45 x 1.5P	1.00



SKS COOLANT NUT

SYIC-203.658

SKS 止水螺帽



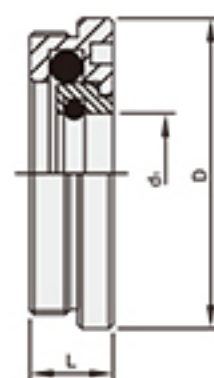
MODEL NO.	TYPE	L	D	d ₁	T	WEIGHT (KGS)
SYIC - 203.658.10	SKS10 - CO	22.8	30	26	M21.5x1.0P	0.04
SYIC - 203.658.13	SKS13 - CO	26.5	35	31.8	M27x1.0P	0.06
SYIC - 203.658.16	SKS16 - CO	32.2	40	35.8	M32x1.5P	0.03
SYIC - 203.658.20	SKS20 - CO	29.5	48.5	44.4	M40x1.0P	0.14
SYIC - 203.658.25	SKS25 - CO	40	55	50	M45x1.5P	1.00



SKS SEALED CAP

SYIC-203.658

SKS 止水墊片



- Installation and Application of SKS Sealed Clamping Nut and SKS Sealed Collet



- Used for cutting tools with a coolant hole.

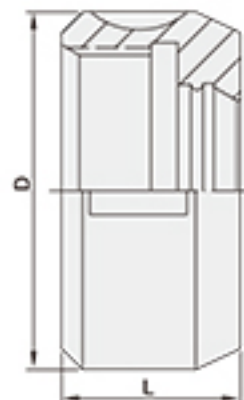
MODEL NO.	TYPE	L	D	RANGE d ₁
SYIC - 203.658.10-1	SKS10 - CO	6.4	32	φ3 ~ φ10
SYIC - 203.658.13-1	SKS13 - CO	6.45	27.5	φ3 ~ φ13
SYIC - 203.658.16-1	SKS16 - CO	7.3	34	φ3 ~ φ16
SYIC - 203.658.20-1	SKS20 - CO	6	38	φ3 ~ φ20
SYIC - 203.658.25-1	SKS25 - CO	7	42	φ3 ~ φ20

SYIC-83630P

EOC 包固得栓緊螺帽



TW PAT NO. M298033
 TW PAT NO. M311791
 J P PAT NO. 3128766
 K R PAT NO. 20-0433603
 C N PAT NO. ZL200620132661.0
 C H PAT NO. 696550
 T R PAT NO. TR 2007 02942 Y
 I T PAT NO. N0000266731
 T W PAT NO. 186381



- Special surface treatment. Clamping power is improved twice.
- Thread with high precision ground. Easy to lock with a body.

MODEL NO.	TYPE	D	d ₁	L	T	WEIGHT (KGS)
SYIC - 83638P	EOC25	60	29.7	30	M48 x 2.0P	0.30
SYIC - 83639P	EOC32	72	38.5	33.5	M60 x 2.5P	0.48

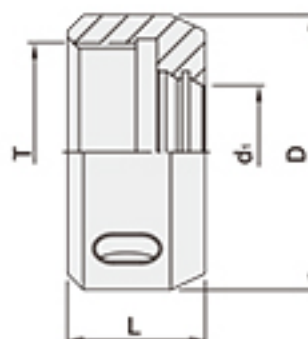
POWER GOOD TG CLAMPING NUT

SYIC-84012P

TG 包固得栓緊螺帽



TW PAT NO. M298033
 TW PAT NO. M311791
 J P PAT NO. 3128766
 K R PAT NO. 20-0433603
 C N PAT NO. ZL200620132661.0
 C H PAT NO. 696550
 T R PAT NO. TR 2007 02942 Y
 I T PAT NO. N0000266731
 T W PAT NO. 186381



- Special surface treatment. Clamping power is improved twice.
- Square thread is good for clamping capacity.

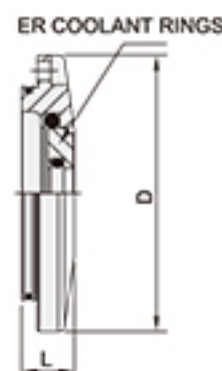
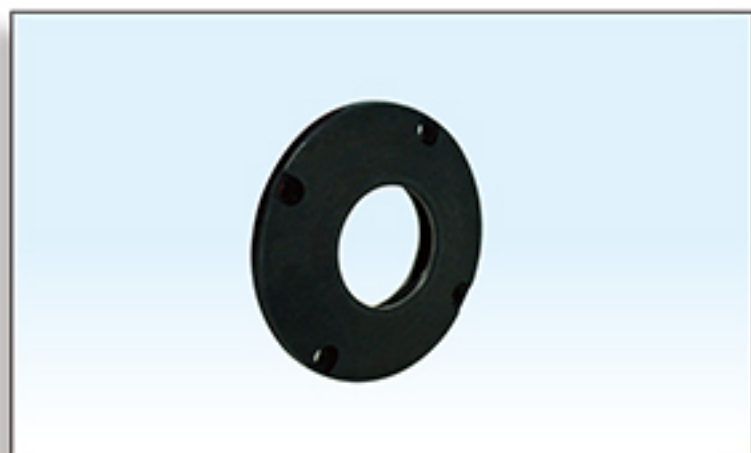
MODEL NO.	TYPE	D	d ₁	L	T	WEIGHT (KGS)
SYIC - 84012P	TG75	50	22.7	25	TW 1-1/2" - 12	0.52
SYIC - 84014P	TG100	60	29.1	30	TW 1-7/8" - 12	0.46
SYIC - 84016P	TG150	82	42.4	35	TW 2-5/8" - 12	0.50



MLD SEALED CAP

SYIC-19490G

MLD 止水螺帽



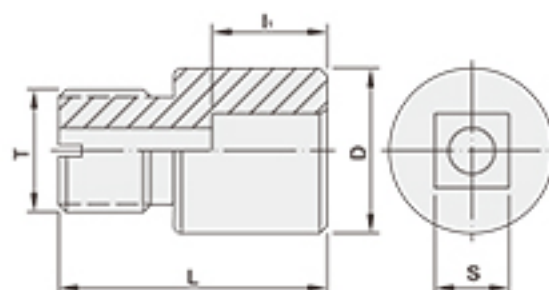
- Used for cutting tools with a coolant hole.

MODEL NO.	TYPE	L	D	RANGE	WEIGHT (KGS)
SYIC - 19490G	MLD12 / MLD1/2"	4.6	27.8	$\phi 1/8" \sim \phi 1/2"$	0.03
SYIC - 19491G	MLD16 / MLD5/8"		31.8	$\phi 1/8" \sim \phi 5/8"$	0.04
SYIC - 19496G	MLD20 / MLD3/4"	8.4	44		0.04
SYIC - 15908G	MLD25 / MLD1"	4.6	39.09	$\phi 1/8" \sim \phi 1"$	0.06
SYIC - 19498G	MLD32 / MLD1-1/4"	11	60		0.06



SQUARE SHANK ADAPTER -COOLANT THRU

四角棒舌



We're Making a Better Connection Between the Cutting Tool and Spindle.



For the info. of PLIM, please refer to catalog NO.78.

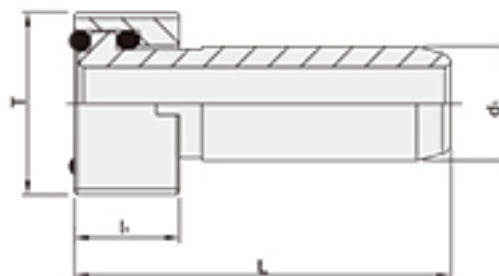
Adapts ER Chucks into PowerLOC Milling Holders:
PowerLOC Square Shank Adapters turn our standard collet chucks into milling holders capable of performing heavier milling jobs than you ever thought possible.

MODEL NO.	TYPE	L	l ₁	D	S	T	WEIGHT (KGS)
SYIC - 9398765	PLSS1/2" x M16	35	15	21.5	9.652	M16 x 2.0P	0.03
SYIC - 9397764	PLSS3/4" x M16				14.288		0.04
SYIC - 9396764	PLSS1/2" x M20	40		29	9.652	M20 x 2.0P	0.12
SYIC - 9396763	PLSS3/4" x M20				14.288		0.12
SYIC - 9396762	PLSS1" x M20				19.05		0.12
SYIC - 9396766	PLSS1-1/4" x M24			34	19.38	M24 x 2.0P	0.18

SYIC-30030



給水管



- Installation and Dismounting of HSK Coolant Supply Unit



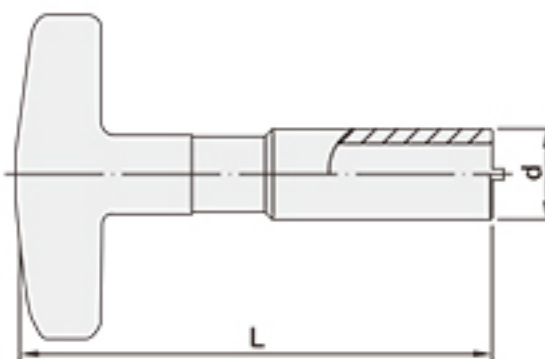
MODEL NO.	TYPE	L	l ₁	d ₁	T	WEIGHT (KGS)
SYIC - 30031	HSK32A - CP	26	5.5	6	M10 x 1.0P	0.01
SYIC - 30033	HSK40A - CP	29.3	7.5	8	M12 x 1.0P	0.01
SYIC - 30035	HSK50A - CP	33	9.5	10	M16 x 1.0P	0.02
SYIC - 30037	HSK63A - CP	36.6	11.5	12	M18 x 1.0P	0.02
SYIC - 30041	HSK100A - CP	44	15.5	16	M24 x 1.5P	0.06

KEY FOR COOLANT SUPPLY UNIT

SYIC-30050



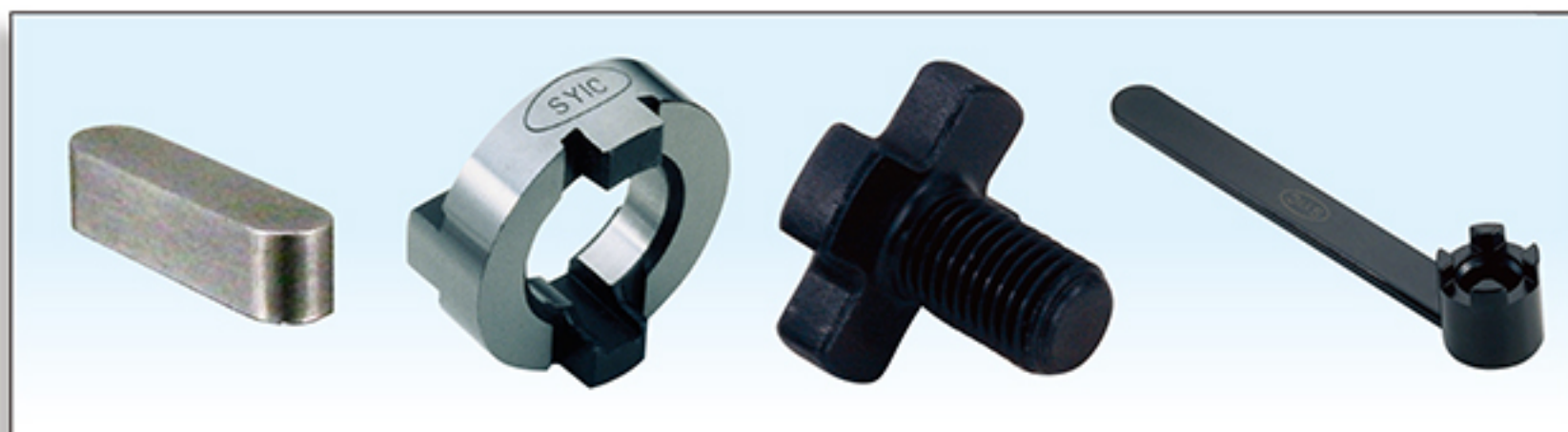
給水管扳手



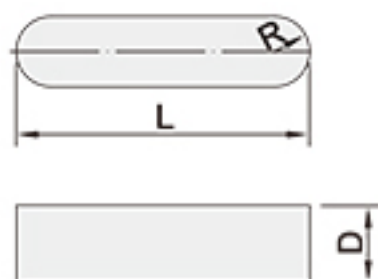
MODEL NO.	TYPE	L	d	WEIGHT (KGS)
SYIC - 30051	HSK32A - CPW	90	φ 13.5mm	0.10
SYIC - 30053	HSK40A - CPW	90	φ 13.5mm	0.12
SYIC - 30055	HSK50A - CPW	95	φ 15.5mm	0.14
SYIC - 30057	HSK63A - CPW	100	φ 18mm	0.16
SYIC - 30061	HSK100A - CPW	125	φ 24mm	0.32

SYIC-42830

連結式銑刀柄零件

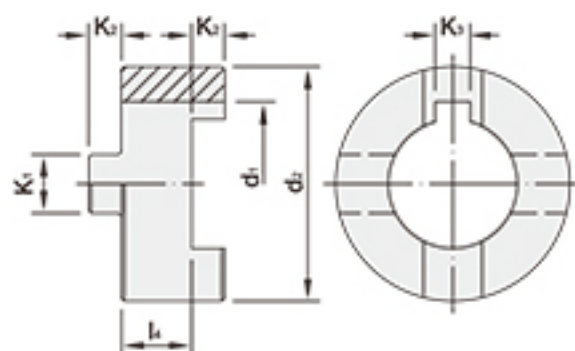


- Steel: SCM - 4
- Can purchase removable ring, nut and spanner separately.



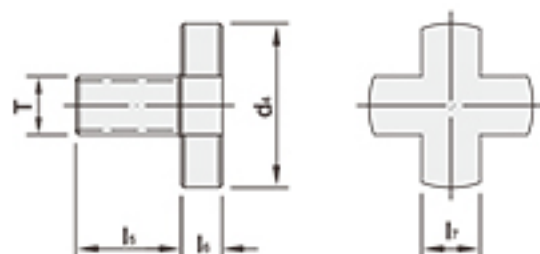
SYIC - 42830 KEY

MODEL NO.	TYPE	L	D	R	WEIGHT (KGS)
SYIC - 42831	KEY - 16	20	4	4	0.002
SYIC - 42832	KEY - 22	25	6	3	0.003
SYIC - 42833	KEY - 27	25	7	3.5	0.004
SYIC - 42834	KEY - 32	28	7	4	0.006
SYIC - 42835	KEY - 40	32	8	5	0.008
SYIC - 42836	KEY - 50	36	8	6	0.009



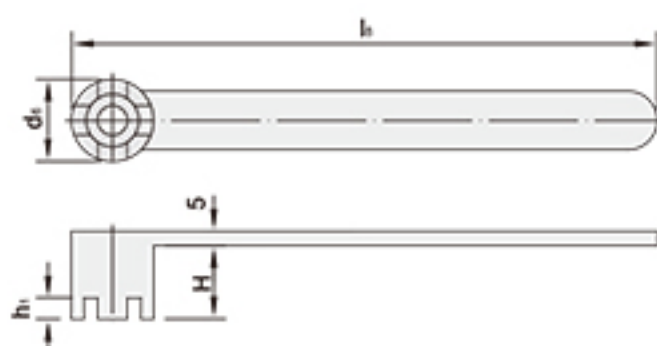
SYIC - 42840 REMOVABLE RING

MODEL NO.	TYPE - d ₁	d ₂	k ₁	k ₂	k ₃	l ₄	WEIGHT (KGS)
SYIC - 42841	CORE - 16	32	8	5	4	10	0.009
SYIC - 42843	CORE - 22	40	10	5.6	6	12	0.010
SYIC - 42845	CORE - 27	48	12	6.3	7	12	0.020
SYIC - 42847	CORE - 32	58	14	7	8	14	0.030
SYIC - 42849	CORE - 40	70	16	8	10	14	0.040
SYIC - 42851	CORE - 50	90	18	9	12	16	0.050



SYIC - 42860 NUT

MODEL NO.	TYPE	d ₁	l ₅	l ₆	l ₇	T	WEIGHT (KGS)
SYIC - 42861	CONU - 16	20	16	6	8	M8 x 1.25P	0.07
SYIC - 42863	CONU - 22	28	18	7	10	M10 x 1.5P	0.08
SYIC - 42865	CONU - 27	35	22	8	12	M12 x 1.75P	0.10
SYIC - 42867	CONU - 32	42	26	9	16	M16 x 2.0P	0.20
SYIC - 42869	CONU - 40	52	30	10	20	M20 x 2.5P	0.25
SYIC - 42871	CONU - 50	63	36	12	24	M24 x 3.0P	0.30

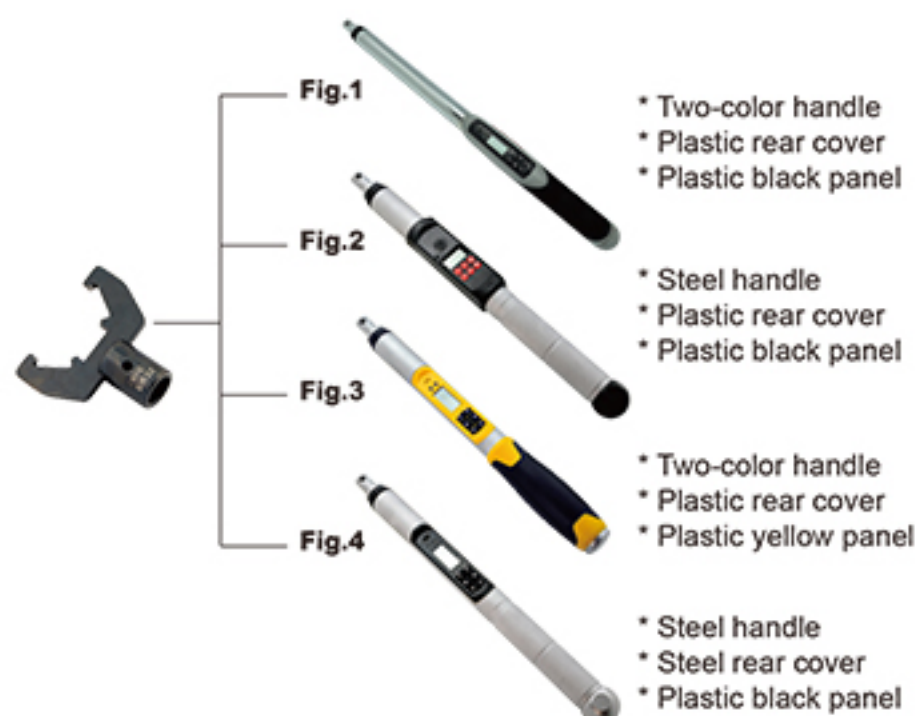


SYIC - 42880 SPANNER

MODEL NO.	TYPE	d ₁	l ₈	H	h ₁	WEIGHT (KGS)
SYIC - 42881	COSP - 16	22	180	20	6.2	0.30
SYIC - 42883	COSP - 22	28	200	25	7.2	0.40
SYIC - 42885	COSP - 27	35	225	32	8.5	0.50
SYIC - 42887	COSP - 32	42	250	36	9.5	0.65
SYIC - 42889	COSP - 40	52	280	40	11	0.85
SYIC - 42891	COSP - 50	63	315	45	12	0.95

SYIC-04545

數顯LCD扭力扳手



- The Manufacturing Test for Three Clamping Nut Locking Ways



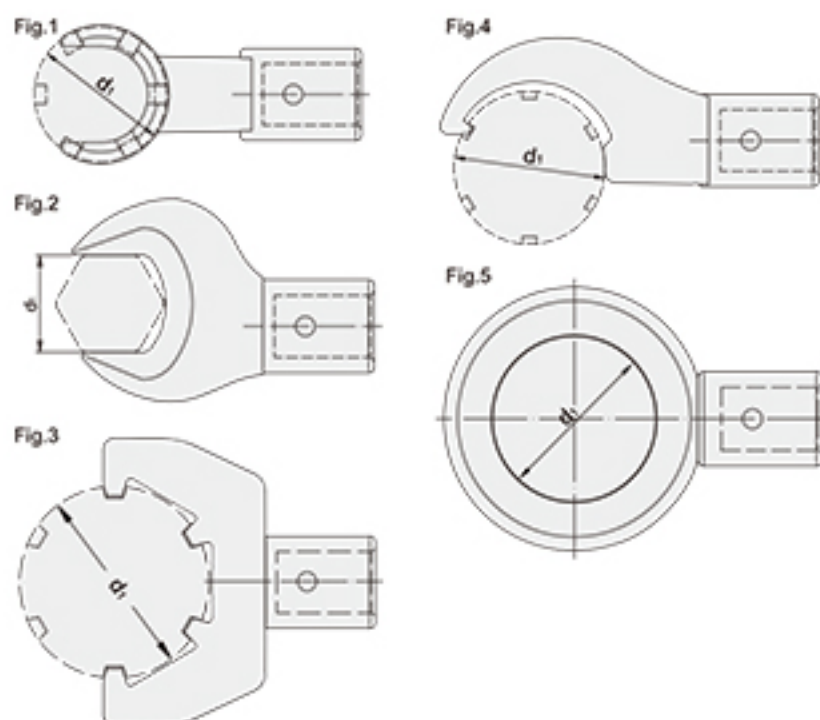
Features of Spigot Interchangeable Digital Torque Wrench:

- Reading wrong message usually occurs in the Exchangeable Torque Wrench. To avoid reading wrong message, Spigot Interchangeable Digital Torque Wrench has Large LCD screen and stable value increased speed. LED light will flash and alert when the wrench is close to the target torque.
- When the wrench is close to the target torque, the two-stage beep lets users easily notice.
- Easily to change torque units: Nm, lbf-ft, lbf-in, and kgf-m.
 - The specially designed sensor and super CPU will measure and calculate the torque value and show on the screen.
 - The replaceable nut adapters let users change different types according to users' needs.
 - $\phi 16\text{mm}$ knob heads can match all nut adapters of $\phi 16\text{mm}$.
 - Widely used for tool's tightening and loosening in CNC machining centers.

MODEL NO.	TYPE	LENGTH	RANGE		Fig	WEIGHT (KGS)
SYIC - 04575 - 135	DG - 135	365	10 - 135 N.m	7.4 - 99.6 ft/lbs	1	0.80
SYIC - 04575 - 200	DG - 200	540	20 - 200 N.m	14.8 - 147 ft/lbs		1.10
SYIC - 04575 - 340	DG - 340	769	34 - 340 N.m	25 - 250.9 ft/lbs		1.40
SYIC - 283.DG252	DG - 252	373	10 - 135 N.m	7.4 - 99.6 ft/lbs	2	0.80
SYIC - 283.DG253	DG - 253	548	20 - 200 N.m	14.8 - 147 ft/lbs		1.05
SYIC - 283.DG254	DG - 254	748	34 - 340 N.m	25 - 250.9 ft/lbs		1.35
SYIC - 283.DG264	DG - 264	373	10 - 135 N.m	7.4 - 99.6 ft/lbs	3	0.85
SYIC - 283.DG265	DG - 265	548	20 - 200 N.m	14.8 - 147 ft/lbs		1.10
SYIC - 283.DG266	DG - 266	748	34 - 340 N.m	25 - 250.9 ft/lbs		1.40
SYIC - 283.DG271	DG - 271	373	10 - 135 N.m	7.4 - 99.6 ft/lbs	4	0.65
SYIC - 283.DG272	DG - 272	548	20 - 200 N.m	14.8 - 147 ft/lbs		0.90
SYIC - 283.DG273	DG - 273	748	34 - 340 N.m	25 - 250.9 ft/lbs		1.20

SYIC-04580

螺帽轉接頭(扭力扳手用)



- Please use it with SYIC-04545.
- Set standard for nut clamping torque, please see the type as below for your reference.
- Due to setting torque in advance, it can prevent tool slipping. Not easy to tighten or loosen excessively, which can protect collets from elastic fatigue.
- Fig.5 for Wind Resistance Nut.

MODEL NO.	TYPE	d ₁	Max.TORQUE		Fig	WEIGHT (KGS)
SYIC - 04576	ER11 - M	16	20 N.m	13 ft/lbs	1	0.09
SYIC - 04577	ER16 - M	22	30 N.m	21 ft/lbs		0.10
SYIC - 04578	ER20 - M	28	40 N.m	24 ft/lbs		0.10
SYIC - 04587	ER25 - M	35	60 N.m	29 ft/lbs		0.10
SYIC - 04582	ER16 - A	25	68 N.m	50 ft/lbs	2	0.14
SYIC - 04584	ER20 - A	30	102 N.m	75 ft/lbs		0.20
SYIC - 04586	ER25	42	80 N.m	95 ft/lbs	3	0.25
SYIC - 04588	ER32	50	170 N.m	125 ft/lbs		0.30
SYIC - 04590	ER40	63	130 N.m	160 ft/lbs		0.40
SYIC - 04592	EOC25	60	200 N.m	206 ft/lbs	4	0.30
SYIC - 04597 - 6	SKS6	18	25 N.m	15 ft/lbs	2	0.08
SYIC - 04597 - 10	SKS10	30	45 N.m	26 ft/lbs	4	0.16
SYIC - 04597 - 13	SKS13	35	50 N.m	26 ft/lbs		0.17
SYIC - 04597 - 16	SKS16	40	70 N.m	40 ft/lbs		0.18
SYIC - 04597 - 20	SKS20	48.5	70 N.m	40 ft/lbs		0.19
SYIC - 04597 - 25	SKS25	50	100 N.m	59 ft/lbs		0.20
SYIC - 287.128.11	ER11 W - TDQ / SKS6 W - TDQ	18	20 N.m	15 ft/lbs	5	0.16
SYIC - 287.128.16	ER16 W - TDQ / SKS10 W - TDQ	30	50 N.m	37 ft/lbs		0.26
SYIC - 287.128.20	ER20 W - TDQ / SKS13W - TDQ	34	60 N.m	44 ft/lbs		0.26
SYIC - 287.128.25	ER25 W - TDQ	42	80 N.m	60 ft/lbs		0.30
SYIC - 287.128.32	ER32 W - TDQ	50	110 N.m	81 ft/lbs		0.34
SYIC - 287.666.16	SKS16 W - TDQ	40	55 N.m	40 ft/lbs		0.30
SYIC - 287.666.25	SKS25 W - TDQ	55	80 N.m	60 ft/lbs		0.38

SYIC-04600



- Steel: SCM - 4.
- UM/RD is compatible.
- The spanner can be purchased separately.
- ER collet chuck doesn't include a spanner.



No using adjustable spanner!



No using ER spanner with steel tube!

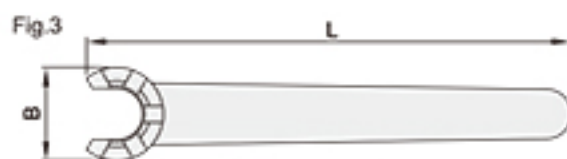
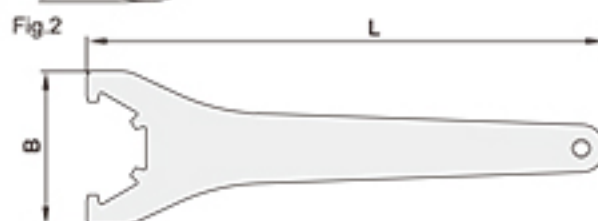
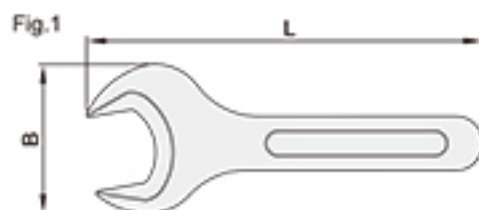


No using adjustable spanner with steel tube!



Unsuitable usage of spanner will make nut break easily.

ER 扳手



MODEL NO.	TYPE	NUT DIA	L	B	Fig	WEIGHT (KGS)
SYIC - 04608	ER11 - A	19	120	40	1	0.10
SYIC - 04609	ER16 - A	28	140	53		0.15
SYIC - 04610	ER20 - A	34	160	60		0.20
SYIC - 04615	ER25 UM/RD	42	206	65	2	0.22
SYIC - 04616	ER32 UM/RD	50	253	75		0.30
SYIC - 04617	ER40 UM/RD	63	289	90		0.50
SYIC - 04618	ER50 UM/RD	78	351	110		0.90
SYIC - 04620	ER8 - M	12	75	13	3	0.05
SYIC - 04621	ER11 - M	16	95	17		0.04
SYIC - 04622	ER16 - M	22	117	23		0.06
SYIC - 04623	ER20 - M	28	129	29		0.07
SYIC - 04624	ER25 - M	19	143	36		0.09
SYIC - 04642	ER16 - HSP	32	150	29	4	0.15
SYIC - 04644	ER20 - HSP	36	150	29		0.20
SYIC - 04645	ER25 - HSP / MLD12	42	200	38		0.22
SYIC - 04646	ER32 - HSP	50	200	38		0.30

SYIC-286

軸承扳手



Fig.1

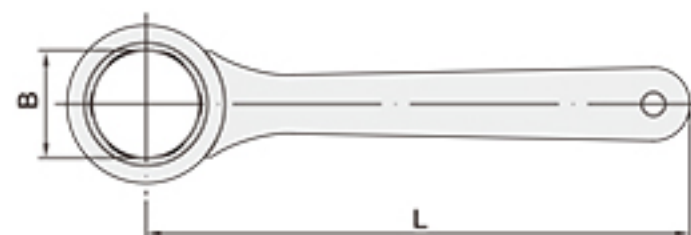
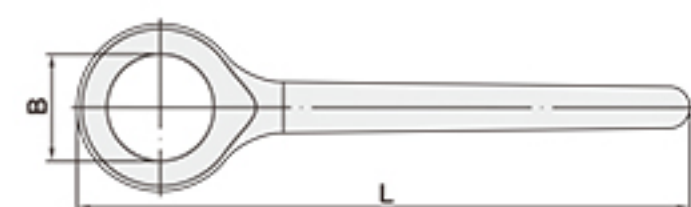


Fig.2



No using adjustable spanner!



No using ER spanner with steel tube!



No using adjustable spanner with steel tube!

MODEL NO.	TYPE	NUT DIA	L	B	Fig
SYIC - 286.129.11	ER11 W-RDQ / SKS6 W-RDQ	18	120	18	1
SYIC - 286.129.16	ER16 W-RDQ / SKS10 W-RDQ	30	170	30	
SYIC - 286.129.20	ER20 W-RDQ / SKS13 W-RDQ	34	172	34	
SYIC - 286.129.25	ER25 W-RDQ	42	175	42	
SYIC - 286.129.32	ER32 W-RDQ	50	180	50	
SYIC - 286.667.16	SKS16 W-RDQ	40	175	40	
SYIC - 286.667.20	SKS20 W-RDQ	48	198	48	
SYIC - 286.667.25	SKS25 W-RDQ	55	183	55	

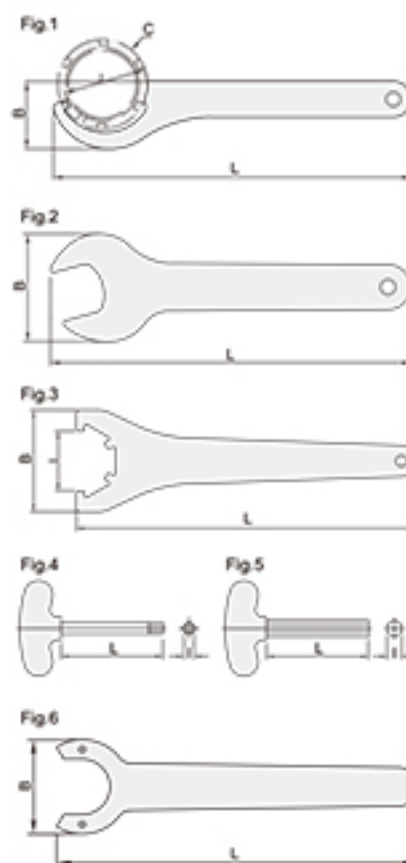
MODEL NO.	TYPE	NUT DIA	L	B	Fig
SYIC - 285.18	SKS6, SK306	18	195	18	2
SYIC - 285.27	SK310	27		27	
SYIC - 285.30	ER16, SKS10, PNER16	30		30	
SYIC - 285.32	PNER20	32		32	
SYIC - 285.34	ER20, SKS13, SK313	34	235	34	
SYIC - 285.40	SKS16, PNER25, SK316	40		40	
SYIC - 285.48	SKS20	48		48	
SYIC - 285.50	ER32, PNER32	50		50	

SYIC-83690



• Can order spanner separately.

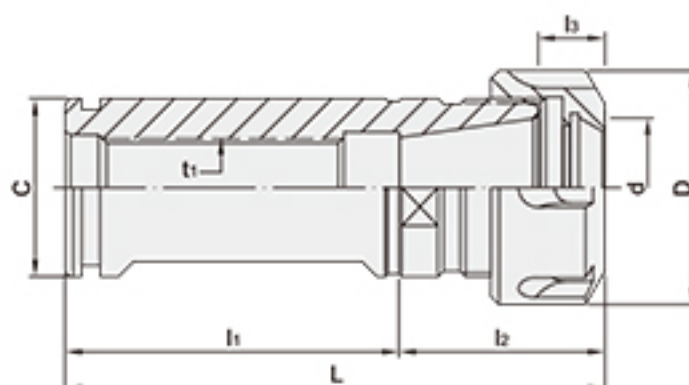
扳手



MODEL NO.	TYPE	L	B	C	I	Fig	WEIGHT (KGS)	
SYIC - 82170	SPU - 8	155	26	36	31	1	0.06	
SYIC - 82171	SPU - 10		27.5	43	35		0.06	
SYIC - 82172	SPU - 13	170	37.5	48	46		0.08	
SYIC - 82173	SPU - 16		40	54	49.5		0.08	
SYIC - 83691	EOC - 25	260	46	60	52		0.30	
SYIC - 84191	MLC - 42	285	65	90	90		0.37	
SYIC - 84192	MLC - 20	260	46	56.5	52		0.30	
SYIC - 84193	MLC - 32、EOC - 32	272	64	72	67		0.45	
SYIC - 84194	MLC - 25、MLD - 1"	250	46.6	58.8	55		0.30	
SYIC - 84192G	MLD - 20、MLD - 3/4"	260	46	56.5	47.5		0.30	
SYIC - 84193G	MLD - 32、MLD - 1-1/4"	272	64	71	63	0.45		
SYIC - 18322	SKS6	120	36	-	-	2	0.22	
SYIC - 18323	SKS10	200	30	30	27	1	0.25	
SYIC - 18323-13	SKS13	220		34	29.8		0.25	
SYIC - 18324	SKS16	220	38	40	37		0.30	
SYIC - 18324-20	SKS20、MLD - 16	220	40	48	35.8		0.32	
SYIC - 18325	SKS25	235	41	55.1	51		0.40	
SYIC - 84018	TG75	253	75	-	-	3	0.30	
SYIC - 84019	TG100	260	46	60	52	1	0.40	
SYIC - 84020	TG150	272	64	82	67		0.50	
B11 - A - 11T20X200 - B	T20 - 200	200	-	-	T20	4	0.04	
B11 - A - 11T40X100 - B	T40 - 100	100			T40		0.04	
B11 - A - 11T40X200 - B	T40 - 200	200			T40		0.12	
B11 - A - 10T5X150 - B	T5 - 150	150			5	5	0.06	
B11 - A - 10T5X200 - B	T5 - 200	200				0.06		
B11 - A - 10T6X150 - B	T6 - 150	150				5	6	0.08
B11 - A - 10T6X200 - B	T6 - 200	200					8	0.10
B11 - A - 10T8X200 - B	T8 - 200						10	0.14
B11 - A - 10T10X200 - B	T10 - 200						0.16	
203.658.13-2	SKS-13				130	27	-	-
203.658.20-2	SKS-20	38	0.06					

SYIC-04760

NC / ER 夾頭柄



- This is specially suitable for CNC Machines but can also be used for general machines.
- At the end of body, there's an O-ring for sealing.

MODEL NO.	TYPE C x d - l ₁	L	l ₂	l ₃	D	t ₁	WEIGHT (KGS)
SYIC - 04762	C32 x NC/ER25 - 60	97	37	12	42	M18 x 1.5P	0.70
SYIC - 04764	C32 x NC/ER32 - 60	103	43	13	50	M22 x 1.5P	0.75
SYIC - 04766	C40 x NC/ER32 - 80	118	38				1.25
SYIC - 04768	C40 x NC/ER40 - 75	135	60	15	63	M28 x 1.5P	1.30
SYIC - 04770	C45 x NC/ER32 - 120	178	58	13	50	M22 x 1.5P	1.60
SYIC - 04772	C45 x NC/ER40 - 120	180	60	15	63	M28 x 1.5P	1.65
SYIC - 04782	C1-1/4" x NC/ER25 - 60	97	37	12	42	M18 x 1.5P	0.70
SYIC - 04784	C1-1/4" x NC/ER32 - 60	103	43	13	50	M22 x 1.5P	0.75
SYIC - 04786	C1-1/4" x NC/ER40 - 60	120	60	15	63		0.84
SYIC - 04788	C1-1/2" x NC/ER32 - 80	118	38	13	50		1.25
SYIC - 04790	C1-1/2" x NC/ER40 - 75	135	60	15	63	M28 x 1.5P	1.30

STRAIGHT SHANK
COLLET CHUCK AND
EXTENSION TYPE

SYIC-04800

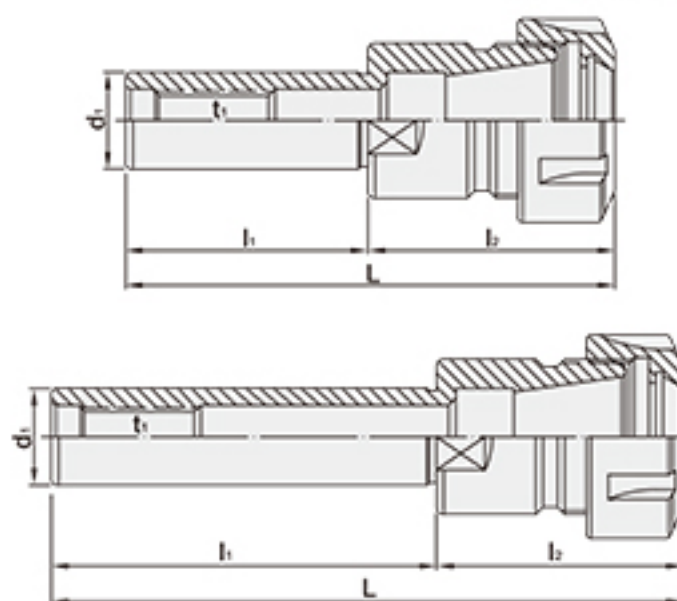
直柄 ER 夾頭柄



DIN ISO 15488



T W PAT NO. M298033
T W PAT NO. M311791
J P PAT NO. 3128766
K R PAT NO. 20-0439603
C N PAT NO. ZL200620132661.0
C H PAT NO. 696550
T R PAT NO. TR 2007 02942 Y
I T PAT NO. N0000266731
T W PAT NO. 186381



- Steel: SNCM - 21.
- HRC: 56°.
- Each body has been locked with a nut as attachment, but without collets.
- For complete set, please refer to SYIC-05000.

MODEL NO.	TYPE	L	l ₁	l ₂	ER	d ₁	t ₁	WEIGHT (KGS)
SYIC - 04851	C16 x ER11A - 140	156.6	140	16.6	11	16	M6 x 1.0P	0.23
SYIC - 04802	C16 x ER16A - 50	90	50	40	16		M10 x 1.5P	0.15
SYIC - 04803	C16 x ER16A - 100	140	100					0.20
SYIC - 04804	C16 x ER16A - 150	190	150					0.28
SYIC - 04806	C20 x ER16A - 50	90	50			20		M12 x 1.75P
SYIC - 04807	C20 x ER16A - 100	140	100				0.35	
SYIC - 04808	C20 x ER16A - 150	190	150				0.40	
SYIC - 04810	C20 x ER20A - 60	100.5	60	40.5	20		0.35	
SYIC - 04811	C20 x ER20A - 120	160.5	120				0.40	
SYIC - 04812	C20 x ER20A - 180	220.5	180				0.50	
SYIC - 04814	C20 x ER25 - 50	101	50			51	25	
SYIC - 04815	C20 x ER25 - 100	151	100	0.40				
SYIC - 04817	C20 x ER32 - 50	101.5	50	51.5	32	M10 x 1.5P	0.45	
SYIC - 04818	C20 x ER32 - 100	151.5	100				0.42	
SYIC - 04819 - 150	C25 x ER16A - 150	176.6	150	26.6	16	25	M10 x 1.5P	0.55
SYIC - 04820	C25 x ER25 - 50	101	50	51	25		M16 x 2.0P	0.40
SYIC - 04821	C25 x ER25 - 100	151	100					0.50
SYIC - 04823	C25 x ER32 - 50	101.5	50	51.5	32			0.60
SYIC - 04823 - 100	C25 x ER32 - 100	151.5	100					0.80
SYIC - 04825	C25 x ER40 - 50	115	50	65	40			2.10
SYIC - 04820 - C32	C32 x ER25 - 50	101	50	50	25	1.00		
SYIC - 04827	C32 x ER32 - 60	111.5	60	51.5	32	32	1.15	
SYIC - 04827 - 100	C32 x ER32 - 100	151.5	100				1.40	
SYIC - 04829	C32 x ER40 - 50	115	50				65	40

Standard Accessory: • STANDARD NUT

Option

COLLET	NUT	SPANNER	PRESET SCREW
P.J-6	P.J-33	P.J-46	P.J-71



STRAIGHT SHANK COLLET CHUCK AND EXTENSION TYPE

SYIC-04800

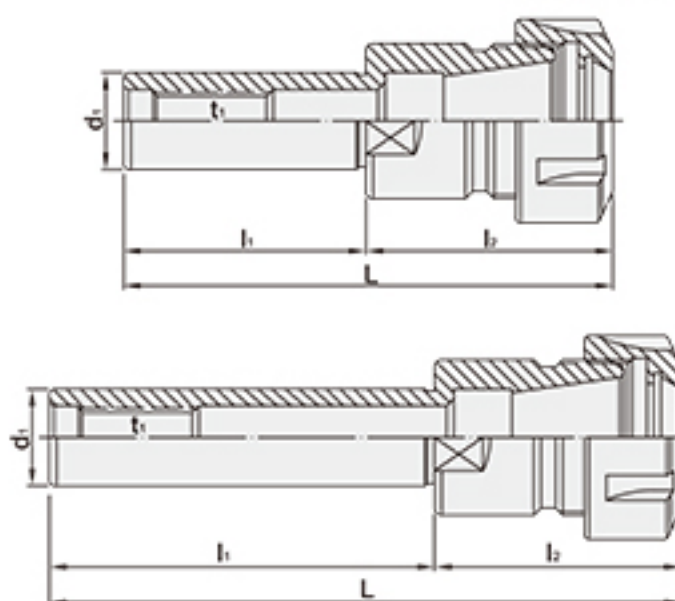
直柄 ER 夾頭柄



DIN ISO 15488



T W PAT NO. M298033
T W PAT NO. M311791
J P PAT NO. 3128766
K R PAT NO. 20-0439603
C N PAT NO. ZL200620132661.0
C H PAT NO. 696550
T R PAT NO. TR 2007 02942 Y
I T PAT NO. N0000266731
T W PAT NO. 186381



- Steel: SNCM - 21.
- HRC: 56°.
- Each body has been locked with a nut as attachment, but without collets.
- For complete set, please refer to SYIC-05000.

MODEL NO.	TYPE	L	l ₁	l ₂	ER	d ₁	t ₁	WEIGHT (KGS)
SYIC - 04855	C1/2" x ER11A - 140	156.6	140	16.6	11	12.7	M6 x 1.0P	0.50
SYIC - 04854	C5/8" x ER11A - 140	156.6	140			15.875		0.23
SYIC - 04832	C5/8" x ER16A - 60	95.1	60	35.1	16	19.05	M10 x 1.5P	0.12
SYIC - 04834	C3/4" x ER16A - 50	85.1	50					0.20
SYIC - 04835	C3/4" x ER16A - 100	135.1	100					0.25
SYIC - 04856	C3/4" x ER16A - 140	175.1	140	40.5	20	25.4	M12 x 1.75P	0.25
SYIC - 04836 - 2.5	C3/4" x ER20A - 63.5	104	63.5					1.00
SYIC - 04858	C1" x ER20A - 140	180.5	140	51	25	25.4	M16 x 2.0P	0.50
SYIC - 04837	C1" x ER25 - 50	101	50					0.95
SYIC - 04839	C1" x ER32 - 50	101.5	50	51.5	32	25.4	M16 x 2.0P	1.00
SYIC - 04839 - 140	C1" x ER32 - 140	191.5	140					
SYIC - 04841	C1" x ER40 - 50	115	50	65	40	31.75	M16 x 2.0P	2.10
SYIC - 04843	C1-1/4" x ER32 - 60	111.5	60	51.5	32			1.15

Standard Accessory: • STANDARD NUT

Option

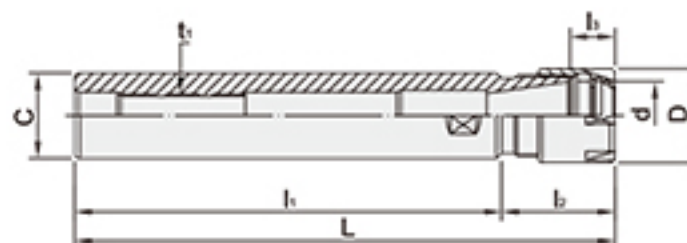
COLLET	NUT	SPANNER	PRESET SCREW
P.J-6	P.J-33	P.J-46	P.J-71

SYIC-04860

小徑 / 直柄 ER 夾頭柄



DIN ISO 15488



- Steel: SNCM - 21.
- HRC: Shank 56°, hole 44°~46°.
- Each body has been locked with a nut as attachment, but without a spanner and collets.

- For Spanner, please see SYIC-04600.
- For ER collet, please see SYIC-04200.
- For ER TAP collet, please see SYIC-05320.
- Not including stop screw, please purchase separately.

MODEL NO.	TYPE (C x d - l ₁)	L	l ₂	l ₃	D	t ₁	WEIGHT (KGS)
SYIC - 04860	C8 x ER8M - 55	79	24	6	12	-	0.05
SYIC - 04861 - 100	C10 x ER8M- 100	116.2	16.2				0.11
SYIC - 04861 - 150	C10 x ER8M - 150	166.2					0.12
SYIC - 04861	C10 x ER8M - 180	197					0.15
SYIC - 04862	C12 x ER8M - 55	72					0.20
SYIC - 04862 - 120	C12 x ER8M - 120	136.2					0.30
SYIC - 04863	C12 x ER11M - 80	96.6	16.6	6.6	16	M5 x 0.8P	0.23
SYIC - 04864	C16 x ER11M - 50	66.6					0.25
SYIC - 04865	C16 x ER11M - 100	116.6					0.23
SYIC - 04866	C16 x ER11M - 140	156.6					0.35
SYIC - 04867	C12 x ER16M - 80	117	36.6	10.6	22	M10 x 1.5P	0.38
SYIC - 04868 - 60	C20 x ER16M - 60	86.6	26.6				0.40
SYIC - 04868	C20 x ER16M - 100	125					0.42
SYIC - 04869	C20 x ER16M - 140	165					0.35
SYIC - 04870	C20 x ER16M - 160	185					0.38
SYIC - 04873	C20 x ER20M - 60	100					40
SYIC - 04875	C20 x ER20M - 100	140	0.45				
SYIC - 04877	C20 x ER20M - 120	160	0.50				
SYIC - 04879	C20 x ER20M - 150	190	0.55				
SYIC - 04881	C20 x ER20M - 180	220	0.60				
SYIC - 04883	C22 x ER20M - 140	180	0.38				
SYIC - 04885	C25 x ER20M - 140	168	28	12	35		0.15
SYIC - 04887	C20 x ER25M - 100	150	50				0.20

Standard Accessory: • STANDARD NUT

Option

COLLET	NUT	SPANNER	PRESET SCREW
P.J-6	P.J-33	P.J-34	P.J-59



STRAIGHT SHANK COLLET CHUCK AND EXTENSION TYPE

SYIC-04860

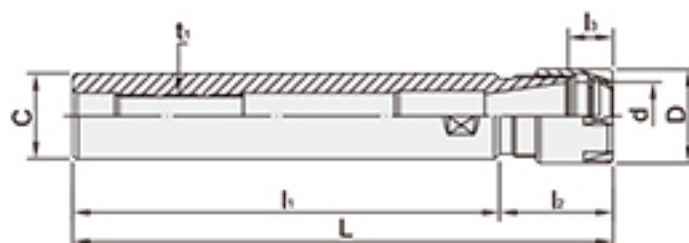
小徑 / 直柄 ER 夾頭柄



DIN ISO 15488



T W PAT NO. M298033
T W PAT NO. M311791
J P PAT NO. 3128766
K R PAT NO. 20-0433603
C N PAT NO. ZL200620132661.0
C H PAT NO. 696550
T R PAT NO. TR 2007 02942 Y
I T PAT NO. N0000266731
T W PAT NO. 186381



- Steel: SNCM - 21.
- HRC: Shank 56°, hole 44°~46°.
- Each body has been locked with a nut as attachment, but without a spanner and collets.

- For Spanner, please see SYIC-04600.
- For ER collet, please see SYIC-04200.
- For ER TAP collet, please see SYIC-05320.
- Not including stop screw, please purchase separately.

MODEL NO.	TYPE (C x d - l ₁)	L	l ₂	l ₃	D	t ₁	WEIGHT (KGS)
SYIC - 04889	C3/8" x ER8M - 100	117	17	6	12	-	0.23
SYIC - 04890	C1/2" x ER8M - 78	95					0.20
SYIC - 04891	C1/2" x ER11M - 140	156.6	16.6	6.6	16	M5 x 0.8P	0.16
SYIC - 04893	C5/8" x ER11M - 140						0.20
SYIC - 04888	C1" x ER25M - 140	190	50	12	35	M16 x 2.0P	0.23
SYIC - 04895	C1/2" x ER16M - 140	177	37	10.6	22		0.50
SYIC - 04896	C3/4" x ER16M - 140	165	25			M10 x 1.5P	0.25
SYIC - 04897	C1" x ER20M - 140	168	28	11.5	28	M12 x 1.75P	0.50
SYIC - 04898	C3/4" x ER25M - 100	150	50	12	35		0.35

Standard Accessory: • **STANDARD NUT**

Option

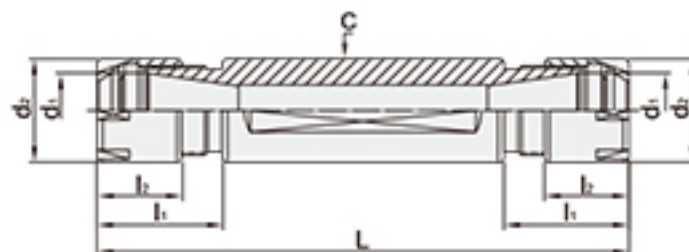
COLLET	NUT	SPANNER	PRESET SCREW
P.J-6	P.J-33	P.J-34	P.J-59



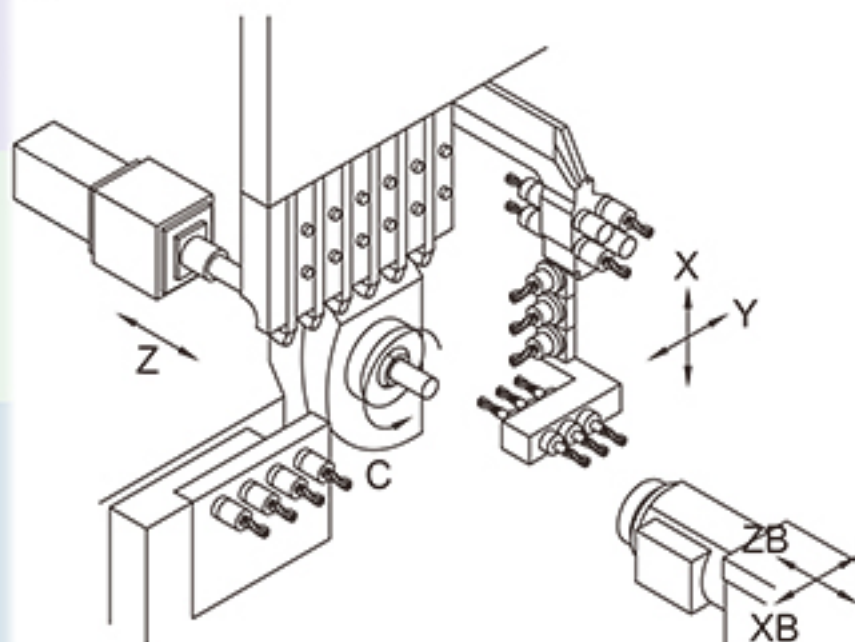
DOUBLE-ENDED STRAIGHT SHANK ER COLLET CHUCK FOR AUTOMATIC LATHE

SYIC-05150

直柄兩端 ER 自動車床用夾頭柄



- Material: alloy steel of nickel, chromium and molybdenum. (Good tolerance to prevent vibration, not easy to get deformed.)
- Hardness: body 56°-60°HRC, thread 44°-46°HRC, Two-parted rigidity design.
- The concentricity of the internal hole is 0.005mm, which extends tool life.
- The tolerance of the chuck's diameter is -0.005-0.008mm with high operation efficiency.
- The flat side of the holder is for the side lock screw to fasten.
- Double head style is suitable for automatic lathe and multi-purposed processing.
- Suitable for all kinds of CNC lathes.
- Compatible with three kinds of ER collets-0.015mm (Class standard), 0.01mm(Class A) and 0.005mm(Class UP), which are graded by their precision.
- Compatible with ER-TC RIGID TAP COLLETS and control machinery for rigid tap processing.
- Compatible with FLOATING TAP COLLETS and control machinery for soft tap processing.
- Compatible with COOLANT COLLETS and control machinery for better metal chips removal.
- TYPE C20 is suitable for the brand, TAKAMAZ CITIZEN MIYANO, conforming to SWISS MODEL.
- TYPE C22 is suitable for the brand, STAR, conforming to the SWISS MODEL.
- TYPE C23 is suitable for the brand, NOMURA, conforming to the SWISS MODEL.



MODEL NO.	TYPE	L	l ₁	l ₂	C	d ₁	d ₂	WEIGHT (KGS)
SYIC - 05156	DE20 x ER11M - 50	83.2	16.6	12	20	11	16	0.12
SYIC - 05157	DE20 x ER11M - 75	108.2						0.12
SYIC - 05158	DE20 x ER16M - 50	103.2	26.6	18		16	22	0.10
SYIC - 05159	DE20 x ER16M - 75	128.2						0.12
SYIC - 05166	DE22 x ER11M - 60	93.2	16.6	12	22	11	16	0.12
SYIC - 05167	DE22 x ER11M - 100	133.2						0.14
SYIC - 05168	DE22 x ER16M - 60	113.2	26.6	18		16	22	0.14
SYIC - 05169	DE22 x ER16M - 100	153.2						0.16
SYIC - 05176	DE23 x ER11M - 60	93.2	16.6	12	23	11	16	0.16
SYIC - 05177	DE23 x ER11M - 100	133.2						0.18
SYIC - 05178	DE23 x ER16M - 60	113.2	26.6	18		16	22	0.20
SYIC - 05179	DE23 x ER16M - 100	153.2						0.21

Standard Accessory: • STANDARD NUT

Option

COLLET	NUT	SPANNER	PRESET SCREW
P.J-6	P.J-33	P.J-34	P.J-59

SYIC-05200

直柄伸縮 ER 攻牙器 (CNC車床專用)



T W PAT NO. M298033
T W PAT NO. M311791
J P PAT NO. 3128766
K R PAT NO. 20-0433603
C N PAT NO. ZL200620132661.0
C H PAT NO. 696550
T R PAT NO. TR 2007 02942 Y
I T PAT NO. N0000266731
T W PAT NO. 186381

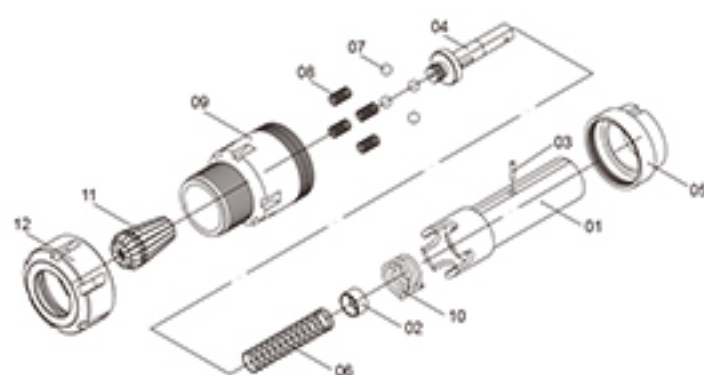
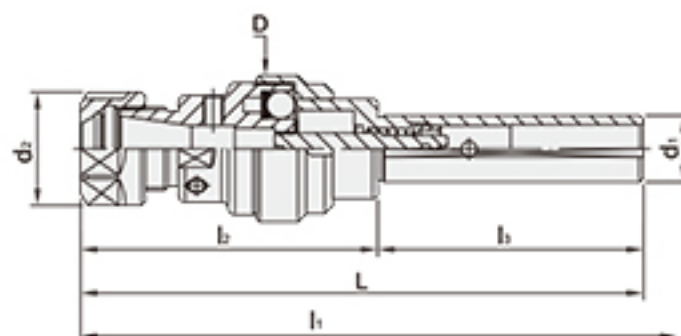
- Used with ER Rigid Tap Collet or ER Collet to hold taps.
- The body is made of SCM-21 steel. Tightening screw is precisely ground.
- Flexible design. Can avoid any tap breakage resulting from overdoing, spindle's counterclockwise turning and turret moving.
- Good floating assembly, can be automatic to correct deviation of repeated position in workpiece.
- SYIC-05225, SYIC-05235 and SYIC-05245 are designed to tighten the tool holder and ER tapper by inside thread. There are metric type and inch type for the inside thread. Please inform us which type you need when making an order.

$$S = \frac{V}{P} \quad S = \text{Spindle running speed}$$

$$V = M / \text{min} \quad P = \text{Pitch}$$

for example:

1. Processing material: S45C, V=400~440
2. Pitch = 1.5P
3. $S = \frac{V}{P} = 440 / 1.5 \approx 293$ (R. P. M.)



NO.	NAME OF EACH PART	NO.	NAME OF EACH PART
01	Body	07	Steel ball (4 pcs)
02	Key ring	08	Little spring (4 pcs)
03	Fix key	09	ER tapper chuck
04	Conjunction spindle	10	side lock screw
05	Steel ball cover	11	ER nut
06	Big spring	12	ER tap collet

ER32 Tapping Collet see SYIC - 05320

NOTE:

1. If the processing material is harder, the M/min becomes slower relatively.
2. Before using the Straight Shank ER Tapper, please decide spindle running speed of Lathe Machine; otherwise, it will make the Shank and Tap break or split because of too fast or too slow speed.

MODEL NO.	TYPE	D	d ₁	d ₂	L	l ₁	l ₂	l ₃	COLLET	CAPACITY	WEIGHT (KGS)
SYIC - 05205	TP - 20	44	20	34	159	172	79	80	ER20	M3 ~ M16	0.5
SYIC - 05206	TP - 225		25								0.7
SYIC - 05207	TP - 232		32								0.9
SYIC - 05208	STP - 20	37	20	50	155	190	94.5	80	ER32	M3 ~ M27	1.0
SYIC - 05215	TP - 32	56	32		174.5						1.6
SYIC - 05225	TPM - 320	44	MT3		165	178	79	86	ER20	M3 ~ M16	1.4
SYIC - 05235	TPM - 420		MT4								1.6
SYIC - 05245	TPM - 432	56	MT4	50	203.5	216.5	94.5	109	ER32	M3 ~ M27	1.8

Standard Accessory: • STANDARD NUT
Option

COLLET	NUT	SPANNER
P.J-11	P.J-25	P.J-34

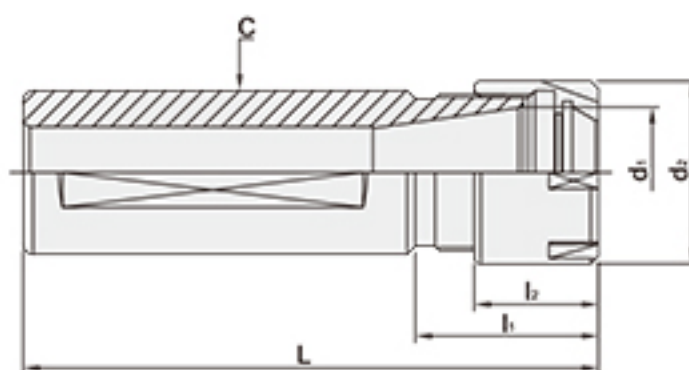
STRAIGHT SHANK ER COLLET CHUCK FOR AUTOMATIC LATHE

SYIC-05260

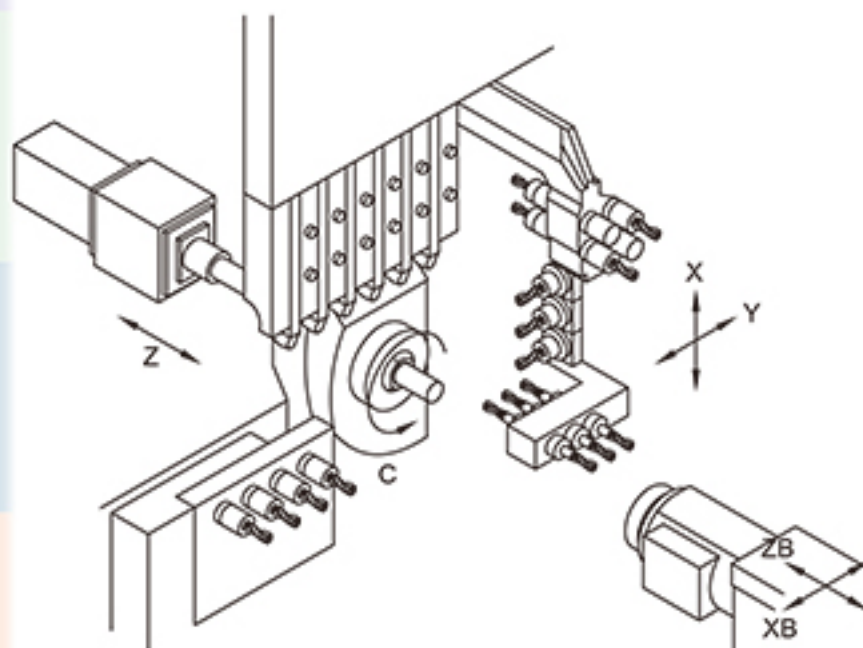
小徑/直柄 ER 自動車床用夾頭柄



T W PAT NO. M298033
T W PAT NO. M311791
J P PAT NO. 3128766
K R PAT NO. 20-0433603
C N PAT NO. ZL200620132661.0
C H PAT NO. 696550
T R PAT NO. TR 2007 02942 Y
I T PAT NO. N0000266731
T W PAT NO. 186381



- Material: alloy steel of nickel, chromium and molybdenum. (Good tolerance to prevent vibration, not easy to get deformed.)
- Hardness: Body 56°-60°HRC, Thread 44°-46°HRC, Two-parted rigidity design.
- The concentricity of the internal hole is 0.005mm, which extends tool life.
- The tolerance of the chuck's diameter is -0.005-0.008mm with high operation efficiency.
- The flat side of the holder is for the side lock screw to fasten.
- Double head style is suitable for automatic lathe and multi-purposed processing.
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- Compatible with ER-TC RIGID TAP COLLETS and control machinery for rigid tap processing.
- Compatible with FLOATING TAP COLLETS and control machinery for soft tap processing.
- Compatible with COOLANT COLLETS and control machinery for better metal chips removal.
- TYPE C20 is suitable for the brand, TAKAMAZ CITIZEN MIYANO, conforming to SWISS MODEL.
- TYPE C22 is suitable for the brand, STAR, conforming to the SWISS MODEL.
- TYPE C23 is suitable for the brand, NOMURA, conforming to the SWISS MODEL.



MODEL NO.	TYPE	L	l ₁	l ₂	C	d ₁	d ₂	WEIGHT (KGS)
SYIC - 05272	C20 x ER11M - 60	76.6	16.6	6.6	20	11	16	0.14
SYIC - 05274	C20 x ER16M - 60	86.6	26.6	10.6		16	22	0.22
SYIC - 05278	C22 x ER11M - 60	103.2	16.6	6.6	22	11	16	0.26
SYIC - 05280	C22 x ER16M - 60	86.6	26.6	10.6		16	22	0.28
SYIC - 05286	C23 x ER11M - 60	93.2	16.6	6.6	23	11	16	0.30
SYIC - 05288	C23 x ER16M - 60	86.6	26.6	10.6		16	22	0.32
SYIC - 05298	C25 x ER20M - 60	88	16.5	11.5	25	20	28	0.34

Standard Accessory: • STANDARD NUT

Option

COLLET	NUT	SPANNER
P.J-6	P.J-25	P.J-34



STRAIGHT SHANK SBL COLLET CHUCK

BT

CAT

DAT

HSK

NT & MT

ISO

BORING

SHRINK FIT

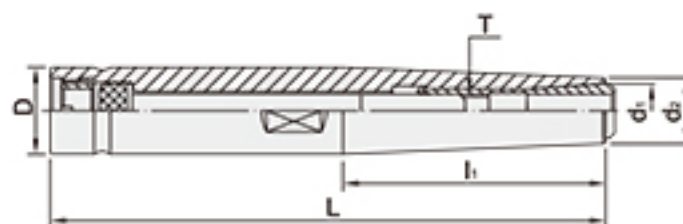
ACCESSORIES

KIT

TECHNICAL INFO.

SYIC-06000

直柄 SBL 小徑延長桿



- Steel: SNCM-21.
- HRC: 44°~48°.
- Spanner is supplied with SYIC-06000 Straight Shank SBL Collet Chuck.
- For collets, please refer to SYIC-18851 SLC Collet.

MODEL NO.	TYPE	L	l ₁	D	d ₁	d ₂	T	WEIGHT (KGS)
SYIC - 06002	C12 x SBL6 - 120	120	-	12	9.93	12	M6 x 1.0P	0.16
SYIC - 06004	C12 x SBL6 - 150	150		0.18				
SYIC - 06008	C16 x SBL6 - 120	120		0.21				
SYIC - 06010	C16 x SBL6 - 150	150	0.22					
SYIC - 06012	C16 x SBL6 - 200	200	0.24					
SYIC - 06014	C20 x SBL6 - 120	120	76.5	20				0.36
SYIC - 06016	C20 x SBL6 - 150	150	86					0.23
SYIC - 06018	C20 x SBL6 - 200	200	76.5					0.25
SYIC - 06020	C25 x SBL6 - 120	120	60	25		14		0.33
SYIC - 06022	C25 x SBL6 - 150	150						0.34
SYIC - 06024	C25 x SBL6 - 200	200						0.36
SYIC - 06026	C25 x SBL12 - 120	120	50		18	22	M10 x 1.5P	0.34
SYIC - 06028	C25 x SBL12 - 150	150						0.35
SYIC - 06030	C25 x SBL12 - 200	200		0.37				
SYIC - 06032	1/2" x SBL6 - 5"	127	48	12.7	9.93	12	M6 x 1.0P	0.16
SYIC - 06034	1/2" x SBL6 - 6"	152.4		0.18				
SYIC - 06038	5/8" x SBL6 - 5"	127		15.875				0.21
SYIC - 06040	5/8" x SBL6 - 6"	152.4						0.22
SYIC - 06042	5/8" x SBL6 - 8"	203.2						0.24
SYIC - 06044	3/4" x SBL6 - 5"	127	96	19.05				0.22
SYIC - 06046	3/4" x SBL6 - 6"	152.4						0.23
SYIC - 06048	3/4" x SBL6 - 8"	203.2						0.25
SYIC - 06050	1" x SBL6 - 5"	127	60	25.4		14		0.33
SYIC - 06052	1" x SBL6 - 6"	152.4						0.34
SYIC - 06054	1" x SBL6 - 8"	203.2						0.36
SYIC - 06058	1" x SBL12 - 5"	127	56		18	22	M10 x 1.5P	0.34
SYIC - 06060	1" x SBL12 - 6"	152.4						0.35
SYIC - 06062	1" x SBL12 - 8"	203.2		0.37				

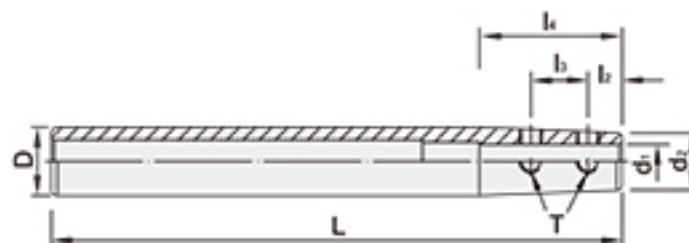
Option

COLLET	SPANNER
P.J-26	P.J-43

STRAIGHT EXTENSION SIDE LOCK
HOLDER

SYIC-07100

C / SL 直柄側固式延長小徑刀柄

• d₁ is H5.

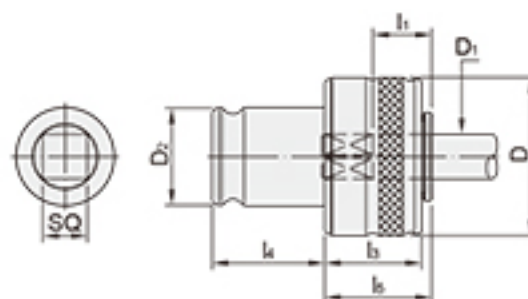
MODEL NO.	TYPE	L	l ₂	l ₃	l ₄	D	d ₁	d ₂	T	WEIGHT (KGS)								
SYIC - 07104	C8 x SL4 - 110	110	6	10	25	8	4	8	M3 x 0.5P	0.10								
SYIC - 07112	C10 x SL3 - 150	150				10	3	9	M4 x 0.7P	0.10								
SYIC - 07114	C10 x SL4 - 150						4			0.10								
SYIC - 07116	C10 x SL6 - 150						6			-	0.10							
SYIC - 07118	C12 x SL4 - 150						4			9	0.12							
SYIC - 07120	C12 x SL6 - 100	100				12	6	10	0.10									
SYIC - 07122	C12 x SL6 - 150	150					16		4	13	0.12							
SYIC - 07124	C16 x SL4 - 150										0.15							
SYIC - 07126	C16 x SL4 - 200										200	0.18						
SYIC - 07128	C16 x SL6 - 150					150		0.15										
SYIC - 07130	C16 x SL6 - 200	200				16	6	15	M4 x 0.7P	0.18								
SYIC - 07132	C16 x SL8 - 150	150								0.15								
SYIC - 07134	C16 x SL8 - 200	200								0.18								
SYIC - 07138	C20 x SL6 - 150	150								20	8	17	M6 x 1.0P	0.18				
SYIC - 07140	C20 x SL8 - 150					8	15	0.18										
SYIC - 07142	C20 x SL8 - 200					200	10	19	0.18									
SYIC - 07144	C20 x SL10 - 150					150	12	19	0.20									
SYIC - 07146	C20 x SL10 - 200	200				32	6	13	M6 x 1.0P	0.20								
SYIC - 07148	C20 x SL12 - 150	150								32	8	15	M6 x 1.0P	0.18				
SYIC - 07150	C20 x SL12 - 200	200												32	10	17	M6 x 1.0P	0.20
SYIC - 07152	C32 x SL6 - 150	150																32
SYIC - 07154	C32 x SL8 - 150					0.21												
SYIC - 07156	C32 x SL10 - 150					0.22												
SYIC - 07158	C32 x SL12 - 150					0.22												



QUICK CHANGE TAPPING COLLET

SYIC-17730

快換式 扭力 攻牙筒夾



- Please inform the sizes of D1 and SQ when making an order.
- Has a range of torsion and can be set in advance.
The harder materials of tools, the stronger torsion is needed.

MODEL NO.	TYPE	TAPPING CAPACITY	D	D ₂	l ₁	l ₂	l ₄	l ₅	WEIGHT (KGS)
SYIC - 17730	TCS - 1B	M3 - M12, 1/4" ~ 1/2"	32	19	17	25	21.5	25	0.4
SYIC - 17750	TCS - 2B	M8 - M22, 3/8" ~ 7/8"	50	31	30	31	35	33	0.6
SYIC - 17770	TCS - 3B	M14 - M36, 5/8" ~ 1-1/4"	72	48	44	41	55.5	45	1.3

D ₁	TAP	SQ	STANDARD	D ₁	TAP	SQ	STANDARD	D ₁	TAP	SQ	STANDARD
2.24	M3	1.8	ISO-529	6.2	M8	5	JIS	16	M20	12	DIN-352
2.5	M3.5	2.1	DIN-376	6.3	M6	5	ISO-529	16	M20	12	DIN-376
2.5	M3.5	2	ISO-529	6.3	M8	5	ISO-529	16	M22	12.5	ISO-529
2.8	M4	2.1	DIN-376	7	M9	5.5	JIS	17	M22	13	JIS
3.15	M3	2.5	ISO-529	7	M10	5.5	JIS	18	M22	14.5	DIN-374
3.15	M4	2.5	ISO-529	7	M10	5.5	DIN-352	18	M22	14.5	DIN-376
3.5	M3	2.7	DIN-352	7	M10	5.5	DIN-376	18	M24	14.5	DIN-352
3.5	M3	2.7	DIN-371	8	M8	6.2	DIN-371	18	M24	14.5	DIN-376
3.5	M5	2.7	DIN-376	8	M8	6.3	ISO-529	18	M24	14	ISO-529
3.55	M3.5	2.8	ISO-529	8	M10	6.3	ISO-529	19	M24	15	JIS
3.55	M4.5	2.8	ISO-529	8	M11	6	JIS	19	M25	15	JIS
4	M3	3.2	JIS	8.5	M12	6.5	JIS	20	M26	15	JIS
4	M3.5	3	DIN-352	9	M12	7	DIN-352	20	M27	15	JIS
4	M3.5	3	DIN-371	9	M12	7	DIN-376	20	M27	16	DIN-376
4	M4	3.15	ISO-529	9	M12	7.1	ISO-529	20	M27	16	ISO-529
4	M5	3.15	ISO-529	10	M10	8	DIN-371	20	M30	16	ISO-529
4.5	M4	3.14	DIN-352	10	M10	8	ISO-529	21	M28	17	JIS
4.5	M4	3.4	DIN-371	10.5	M14	8	JIS	22	M30	18	DIN-352
4.5	M6	3.4	DIN-376	10.5	M15	8	JIS	22	M30	18	DIN-376
4.5	M6	3.55	ISO-529	11	M14	9	DIN-352	22.4	M33	18	ISO-529
5	M4	4	JIS	11	M14	9	DIN-376	23	M30	17	JIS
5	M4.5	4	JIS	11.2	M14	9	ISO-529	24	M32	19	JIS
5	M5	4	ISO-529	12	M16	9	DIN-352	25	M33	19	JIS
5.5	M5	4.5	JIS	12	M16	9	DIN-376	25	M33	20	DIN-352
5.5	M5.5	4.5	JIS	12.5	M16	10	JIS	25	M33	20	DIN-376
6	M5	4.9	DIN-352	12.5	M16	10	ISO-529	25	M36	20	ISO-529
6	M5	4.9	DIN-371	13	M17	10	JIS	26	M34	21	JIS
6	M6	4.5	JIS	14	M18	11	JIS	26	M35	21	JIS
6	M6	4.9	DIN-352	14	M18	11	DIN-352	28	M36	21	JIS
6	M6	4.9	DIN-371	14	M18	11	DIN-376	28	M36	22	DIN-352
6	M8	4.9	DIN-352	14	M18	11.2	ISO-529	28	M36	22	DIN-376
6	M8	4.9	DIN-376	14	M20	11.2	ISO-529	28	M38	21	JIS
6.2	M7	5	JIS	15	M20	12	JIS				

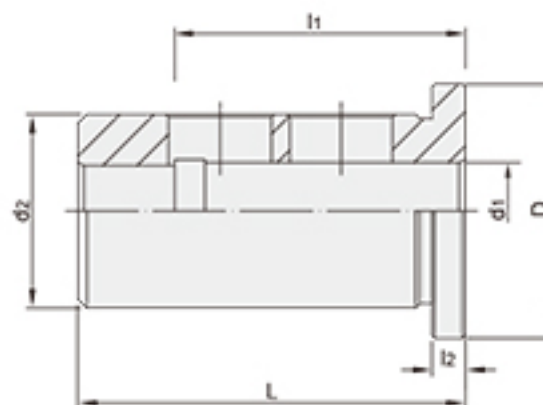
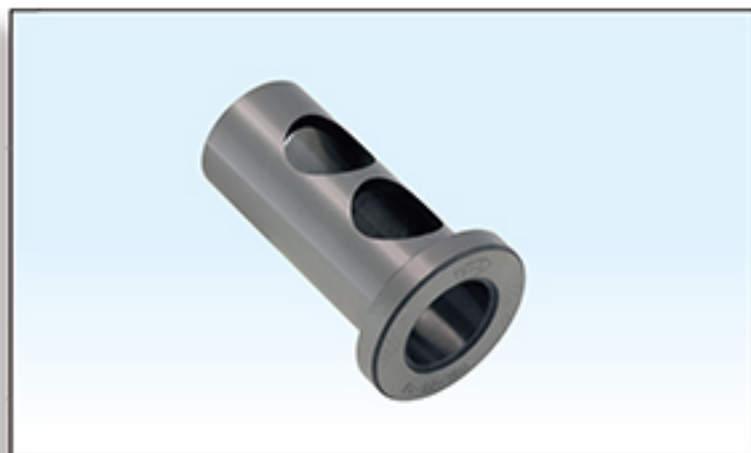
INCHES

D ₁	TAP	SQ	D ₁	TAP	SQ	D ₁	TAP	SQ
0.141"	1/8" or #6	0.110"	0.381"	3/8"	0.286"	0.687"	1/2"PT	0.515"
0.168"	5/32" or #8	0.131"	0.429"	9/16"	0.322"	0.697"	7/8"	0.523"
0.194"	3/16" or #10	0.152"	0.437"	1/8"PT	0.328"	0.700"	3/8"PT	0.531"
0.220"	7/32" or #12	0.165"	0.480"	5/8"	0.360"	0.760"	15/16"	0.570"
0.255"	1/4"	0.191"	0.542"	11/16"	0.406"	0.800"	1"	0.600"
0.318"	5/16"	0.238"	0.562"	1/4"PT	0.421"	0.896"	1-1/8"	0.669"
0.323"	7/16"	0.242"	0.590"	3/4"	0.442"	1.021"	1-1/4"	0.748"
0.367"	1/2"	0.275"	0.652"	13/16"	0.489"	1.108"	1-3/8"	0.827"

STRAIGHT SLEEVE (FOR SIDE LOCK OIL HOLE HOLDER)

SYIC-18050

BT / OSL 側固式油路刀把套筒

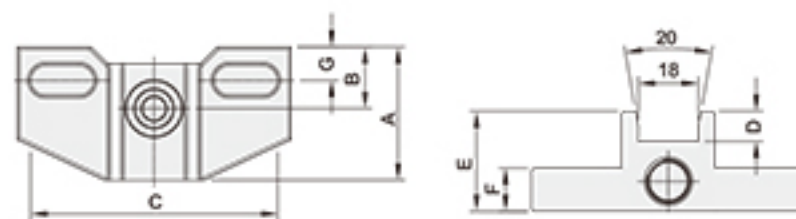
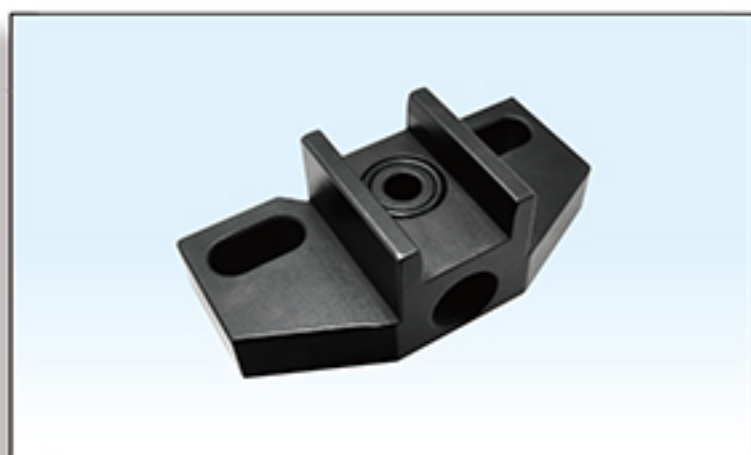


MODEL NO.	TYPE d ₂ - d ₁	D	L	l ₁	l ₂	WEIGHT (KGS)
SYIC - 18051	OSL - 20 - 16	30	54	48	5.5	0.07
SYIC - 18053	OSL - 25 - 16	35	60	48		0.19
SYIC - 18055	OSL - 25 - 20			56		0.15
SYIC - 18057	OSL - 32 - 16			48		0.35
SYIC - 18059	OSL - 32 - 20	42	64	56		0.32
SYIC - 18061	OSL - 32 - 25			56		0.22
SYIC - 18063	OSL - 40 - 16			48		0.57
SYIC - 18065	OSL - 40 - 20	50	74	60		0.54
SYIC - 18067	OSL - 40 - 25			60		0.45
SYIC - 18069	OSL - 40 - 32			60		0.30

FIXED BLOCK (FOR OIL HOLE HOLDER)

SYIC-18290

油路刀把用定位塊

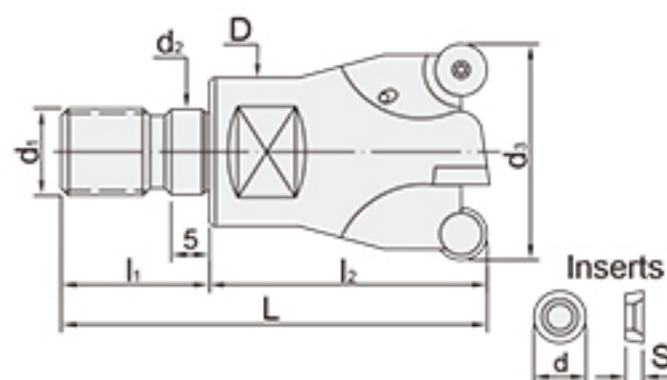


• Applicable for Oil Hole Holder.

MODEL NO.	TYPE	A	B	C	D	E	F	G	WEIGHT (KGS)
SYIC - 18292	SFB - 3	40	18.5	45~65	9	30	13	10	0.30

SYIC-83700

STR 螺紋鎖固切削刀具

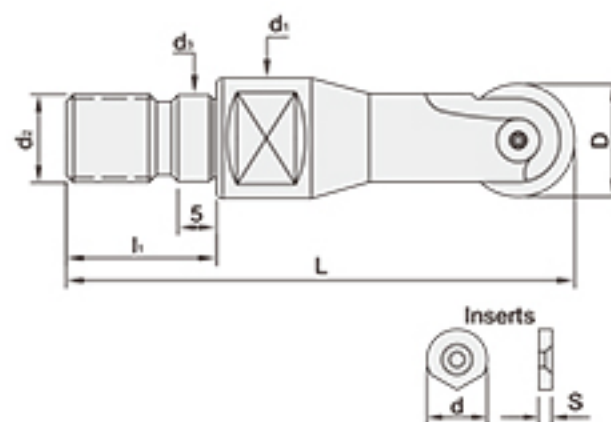


MODEL NO.	TYPE	L	l ₁	l ₂	D	d ₁	d ₂	d ₃	Inserts	d	S
SYIC - 83702	STR - 2.5R12M6 - 2T	39	17	22	10	M6	6.5	12	RDHW0501	5	2.38
SYIC - 83704	STR - 3.5R16M8 - 2T	41	18	23	13.5	M8	8.5	16	RDHW0702	7	
SYIC - 83706	STR - 3.5R20M10 - 3T	49	19	30	18	M10	10.5	20			
SYIC - 83708	STR - 3.5R25M12 - 3T	58	23	35	21	M12	12.5	25	RDHW1003	10	
SYIC - 83710	STR - 5R25M12 - 2T										
SYIC - 83712	STR - 5R30M16 - 3T	67	25	42	26	M16	17	30			3.18
SYIC - 83714	STR - 5R35M16 - 4T				29			35			

RG SCREWED CUTTING TOOL

SYIC-83720

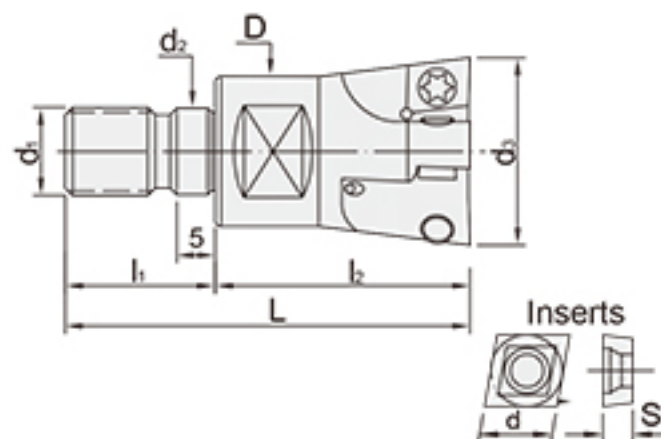
RG 螺紋鎖固切削刀具



MODEL NO.	TYPE	L	l ₁	D	d ₁	d ₂	d ₃	Inserts	d	S
SYIC - 83722	RG - 4R08M6	55	17	8	10	M6	6.5	RG08S	8	1.75
SYIC - 83724	RG - 5R10M6			10				RG10S	10	2.00
SYIC - 83726	RG - 6R12M8			12				RG12S	12	2.50
SYIC - 83728	RG - 8R16M8	60	18	16	13.5	M8	8.5	RG16S	16	3.00
SYIC - 83730	RG - 10R20M10	65	19	12	18	M10	10.5	RG20S	12	3.50
SYIC - 83732	RG - 12.5R25M12	70	23	25	21	M12	12.5	RG25S	25	4.00

SYIC-83740

DM 螺紋鎖固切削刀具

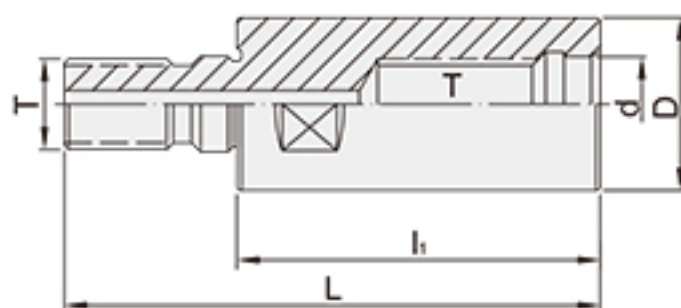


MODEL NO.	TYPE	L	l ₁	l ₂	D	d ₁	d ₂	d ₃	Inserts	d	S
SYIC - 83742	DM - 0412M6 - 2T	39	17	22	10	M6	6.5	12	EPGT0402	4.76	2.38
SYIC - 83744	DM - 0416M8 - 3T	41	18	23	13.5	M8	8.5	16			
SYIC - 83746	DM - 0620M10 - 3T	49	19	30	18	M10	10.5	20	EPGT0602	6.35	2.38
SYIC - 83748	DM - 0825M12 - 2T	58	23	35	21	M12	12.5	25	EPGT08M3	8	3
SYIC - 83750	DM - 0825M12 - 3T										
SYIC - 83752	DM - 0830M16 - 4T	67	25	42	26	M16	17	30			
SYIC - 83754	DM - 0835M16 - 4T				29			35			

SOM EXTENSION SPACER

SYIC-83760

SOM 延長桿



- The extension has a hole, good for water to get through and anti-vibration.
- The material adopts anti-vibration steel.
- The thread precision belongs to the 1st grade thread 4H.

MODEL NO.	TYPE	L	l ₁	D	d	T	WEIGHT (KGS)
SYIC - 83762	SOM6 - 25	42	25	13	6.5	M6 x 1.0P	0.05
SYIC - 83764	SOM8 - 32	50	32	15	8.5	M8 x 1.25P	0.06
SYIC - 83766	SOM10 - 40	59	40	19	10.5	M10 x 1.5P	0.08
SYIC - 83768	SOM12 - 50	73	50	21	12.5	M12 x 1.75P	0.10
SYIC - 83770	SOM16 - 60	85	60	25	17	M16 x 2.0P	0.12



STRAIGHT SHANK SOM EXTENSION HOLDER

SYIC-83780

直柄 SOM 螺紋鎖固式延長桿



• Material: SNCM-21.



SYIC-83700



SYIC-83720

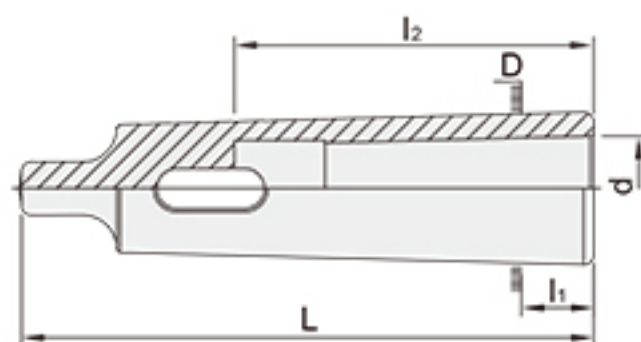


SYIC-83740

MODEL NO.	TYPE	D	T	d ₁	d ₂	L	l ₁
SYIC - 83782	C12 - SOM6 - 130	12	M6 x 1.0P	10	6.5	130	60
SYIC - 83784	C16 - SOM8 - 140	16	M8 x 1.25P	13	8.5	140	80
SYIC - 83786	C16 - SOM8 - 180					180	120
SYIC - 83788	C20 - SOM10 - 140	20	M10 x 1.5P	18	10.5	140	80
SYIC - 83790	C20 - SOM10 - 180					180	120
SYIC - 83792	C25 - SOM12 - 170	25	M12 x 1.75P	21	12.5	170	100
SYIC - 83794	C25 - SOM12 - 210					210	140

SYIC-81000

鑽頭套筒



Type=Hole taper x Shank taper

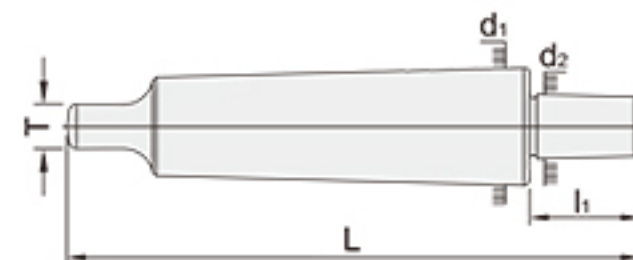
- Hardened & Precisely Ground. (I.D. & O.D.)
- Steel: S45C HRC: 56°.
- Concentricity: 0.015mm.

MODEL NO.	TYPE	D	d	L	l ₁	l ₂	WEIGHT (KGS)
SYIC - 81002	1 x 2	17.78	12.065	92	17	56	0.10
SYIC - 81007	2 x 3	23.825	17.78	112	18	67	0.19
SYIC - 81008	2 x 4	31.267	17.78	124	6.5	67	0.45
SYIC - 81011	3 x 4	31.267	23.825	140	22.5	84	0.40
SYIC - 81014	4 x 5	44.399	31.267	171	21.5	107	0.96
SYIC - 81016	5 x 6	63.348	44.399	218	8	135	2.80

DRILL CHUCK ARBOR

SYIC-81400

夾頭心軸



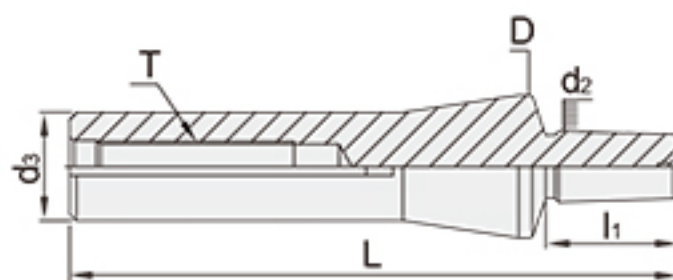
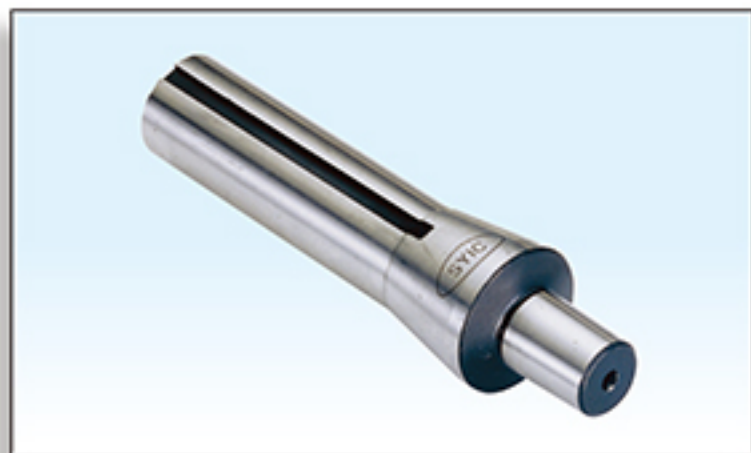
- Steel: S45C
- HRC: 56°
- MTA=TANG TYPE

- Concentricity: 0.005mm
- Roundness: 0.005mm

MODEL NO.	TYPE	d ₁	d ₂	L	l ₁	T	WEIGHT (KGS)
SYIC - 81411	MTA2 x JT6	17.78	17.17	109.4	29.4	6.3	0.19
SYIC - 81412	MTA2 x JT3	17.78	20.599	116	35	6.3	0.20
SYIC - 81418	MTA3 x JT6	23.825	17.17	128.4	29.4	7.9	0.30
SYIC - 81424	MTA4 x JT6	31.267		153.4		11.9	0.70
SYIC - 81441	MK2 x B16	17.78	15.733	112	29	6.3	0.18
SYIC - 81448	MK3 x B16	23.825		134		7.9	0.34
SYIC - 81454	MK4 x B16	31.267		159.5		11.9	0.65

SYIC-81500

R-8 夾頭心軸



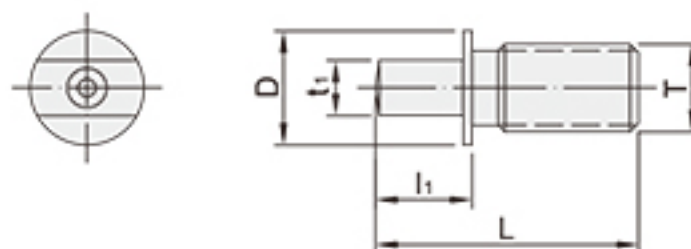
- Steel: S45C.
- HRC: 56°.
- Concentricity: 0.005mm.
- Roundness: 0.005mm.

MODEL NO.	TYPE	D	d ₂	d ₃	L	l ₁	T	WEIGHT (KGS)
SYIC - 81501	R8 x JT33	31.75	15.85	24.1	136.4	29.4	7/16" NF 20	0.41
SYIC - 81502	R8 x JT6		17.17					0.45
SYIC - 81503	R8 x JT3		20.599		142	35		0.49
SYIC - 81511	R8 x B16		15.733		138	29		0.45

TANG

SYIC-83640

棒舌



- Tang is designed for MTB, used for MTA machine, such as drilling machine or Lathe.

TANG + MTB = MTA

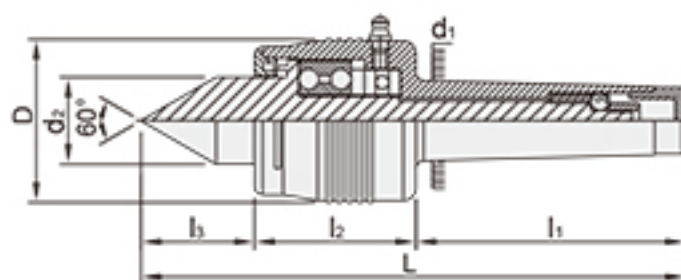


MODEL NO.	TYPE x T	D	L	l ₁	t ₁
SYIC - 83640	MT2 x 3/8" - 16	13	30	7	6.3
SYIC - 83641	MT2 x M10 x 1.5P				
SYIC - 83644	MT3 x 1/2" - 12	18	40	12	7.8
SYIC - 83645	MT3 x M12 x 1.75P				

MODEL NO.	TYPE x T	D	L	l ₁	t ₁
SYIC - 83646	MT4 x 5/8" - 11	25	46	13	11.9
SYIC - 83647	MT4 x M16 x 2.0P				
SYIC - 83648	MT5 x 1" - 8	35	47	14	15.9
SYIC - 83649	MT5 x M24 x 3.0P				

SYIC-82010

注油式迴轉頂心



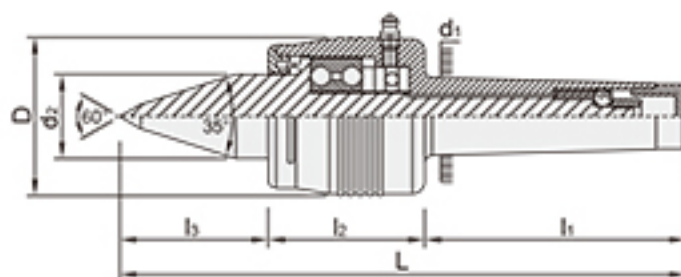
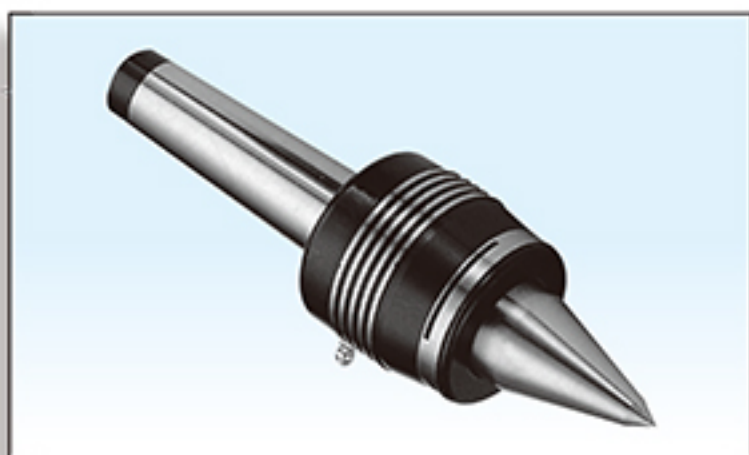
- Use large-scale point, increasing strength.
- With waterproof function, good for heat dissipation.
- It could be oil injected regularly, extending use life.
- Tip angle 60°, concentricity 0.005mm.
- Suitable for CNC lathe and high speed lathe.

MODEL NO.	TYPE	D	d ₁	d ₂	L	l ₁	l ₂	l ₃	WEIGHT (KGS)
SYIC - 82012	MT4 x 69M	64	31.267	34	213.2	105.5	63.2	44.5	2.0
SYIC - 82013	MT5 x 69M		44.399		232.7	125			2.2

OIL INJECTION ROTARY CENTER
FOR SLIM WORKPIECE

SYIC-82015

細物用注油式迴轉頂心



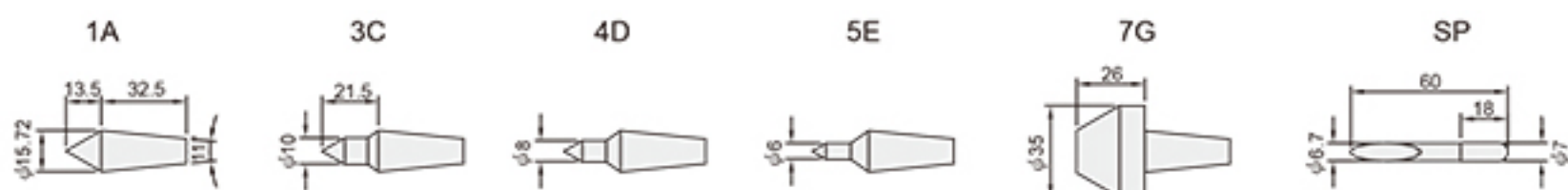
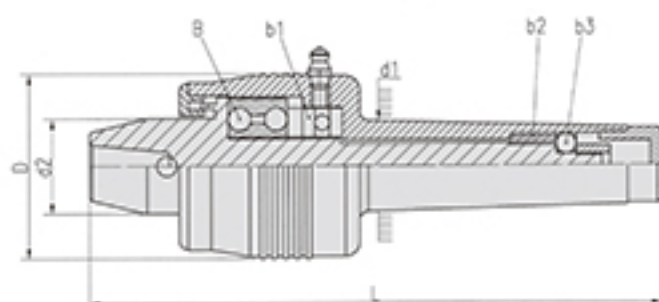
- The point is shrunk 35°, which is used to fix slim workpiece.
- With waterproof function, good for heat dissipation.

- It could be oil injected regularly, extending use life.
- Tip angle 60°, concentricity 0.005mm.
- Suitable for CNC lathe and high speed lathe.

MODEL NO.	TYPE	D	d ₁	d ₂	L	l ₁	l ₂	l ₃	WEIGHT (KGS)
SYIC - 82017	MT4 x 70L	64	31.267	34	228.7	105.5	63.2	60	2.10
SYIC - 82018	MT5 x 70L		44.399		248.2	125			2.35

SYIC-82040

注油式替換頂心

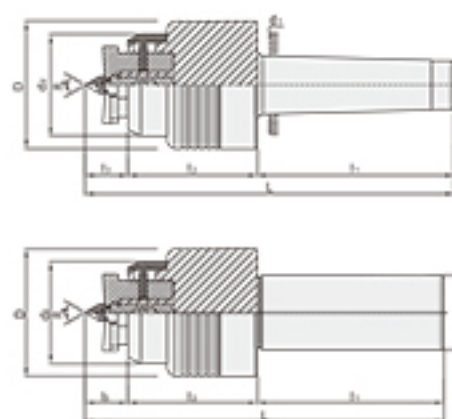


MODEL NO.	TYPE	L	D	d ₁	d ₂	B	b ₁	b ₂	b ₃	WEIGHT (KGS)
SYIC - 82044	MT4 x 68H	205	64	31.267	34	3204	51204	NK14/16A	608ZZ	2.68
SYIC - 82045	MT5 x 68H	227		44.399						3.52

AUTOMATIC ADJUSTABLE INSERTED CENTER

SYIC-82060

自動可調式插式頂心



- The center cylinder can be adjusted automatically when the workpiece is uneven.
- Center pointer and Center cylinder can be used interchangeably.

PART NO	RANGE
TYPE A	φ 10 ~ φ 60
TYPE B	φ 15 ~ φ 35

TYPE A



TYPE B



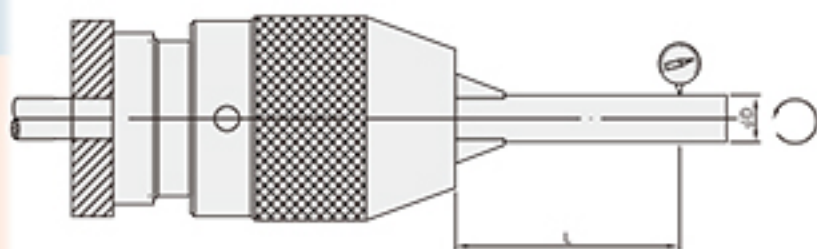
MODEL NO.	TYPE	D	d ₁	d ₂	L	l ₁	l ₂	l ₃	WEIGHT (KGS)
SYIC - 82062	C40 x SC66	68.5	40	54.7	192.5	100	69.5	23	2.52
SYIC - 82064	MT4 x SC66		31.267		198	105.5			2.12

SYIC-82150

超重力型 自動鑽夾頭



- Extremely high accuracy and precision design, suitable for CNC machines and machine centers.
- All parts are ground, heat treated, surface treated and under secure QC.



WITH KEY

L mm	D mm	CONCENTRICITY
55	5	0.04
55	10	
75	13	

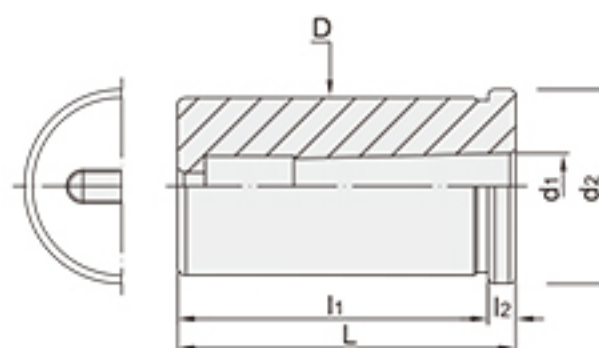
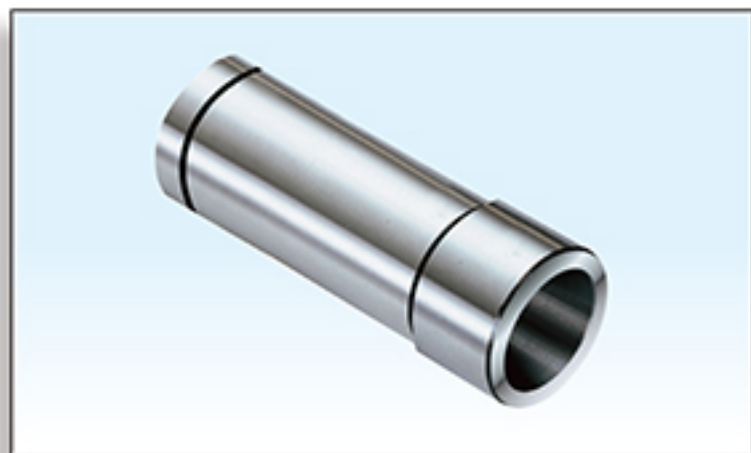
MODEL NO.	TYPE	LENGTH (CLOSED)	OUTER DIA.	CLAMPING CAPACITY	WEIGHT (KGS)
SYIC - 82150	08S x JT1	76	38	0 ~ 8mm 5/16"	0.17
SYIC - 82151	10S x JT2	92	43	0 ~ 10mm 3/8"	0.25
SYIC - 82153	13S x JT6	102	49	0 ~ 13mm 1/2"	0.95
SYIC - 82154	16S x JT6	110	55	3 ~ 16mm 5/8"	1.20
SYIC - 82155	08S x B10	76	38	0 ~ 8mm 5/16"	0.17
SYIC - 82157	10S x B12	92	43	0 ~ 10mm 3/8"	0.25
SYIC - 82159	13S x B16	102	49	0 ~ 13mm 1/2"	1.00
SYIC - 82160	16S x B16	110	55	3 ~ 16mm 5/8"	1.20
SYIC - 82162	16S x B18	110	55	3 ~ 16mm 5/8"	1.20



STRAIGHT SHANK MORSE TAPER ADAPTER

SYIC-84130

直式鑽頭套筒



• MTA=TANG TYPE=DIN 228-B.

SSC=Straight shank.

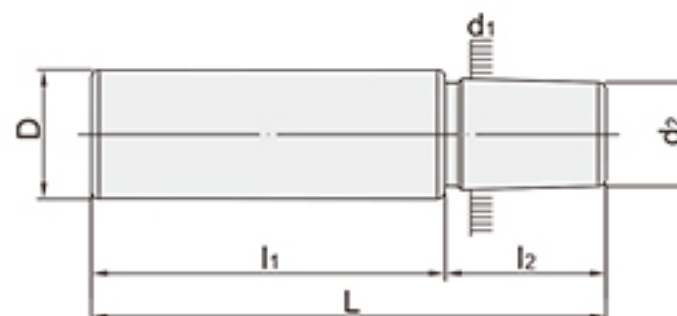
MODEL NO.	TYPE	L	l ₁	l ₂	D	d ₁	d ₂	WEIGHT (KGS)
SYIC - 84131	SSC32 x MTA1	61	56	5	32	12.065	35	0.35
SYIC - 84132	SSC32 x MTA2	73	65	8		17.78	37	0.35
SYIC - 84133	SSC32 x MTA3	92	72	20		23.825	37	0.35
SYIC - 84134	SSC42 x MTA1	61	56	5	42	12.065	47	0.62
SYIC - 84135	SSC42 x MTA2	74	66	8		17.78		0.62
SYIC - 84136	SSC42 x MTA3	92	75	17		23.825		0.62
SYIC - 84137	SSC42 x MTA4	115	90	25		31.267		0.82



STRAIGHT SHANK DRILL SLEEVE

SYIC-84140

直式夾頭心軸



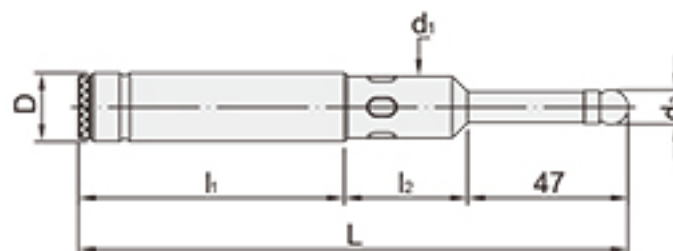
• Suitable for any Milling Chuck or spring collet.

MODEL NO.	TYPE	D	d ₁	d ₂	L	l ₁	l ₂	WEIGHT (KGS)
SYIC - 84141	SSC20 x JT6	20	17.17	15.851	84.4	55	29.4	0.20
SYIC - 84142	SSC32 x JT6	32			99.4	70		0.50
SYIC - 84143	SSC32 x JT3		20.599	18.951	105.95		35.95	0.60
SYIC - 84144	SSC42 x JT6	42	17.17	15.825	99.4	70	29.4	1.15
SYIC - 84145	SSC42 x JT3		20.599	18.951	135.95	100	35.95	1.20

OPTICAL EDGE FINDER (TOUCH POINT SENSOR)

SYIC-83300

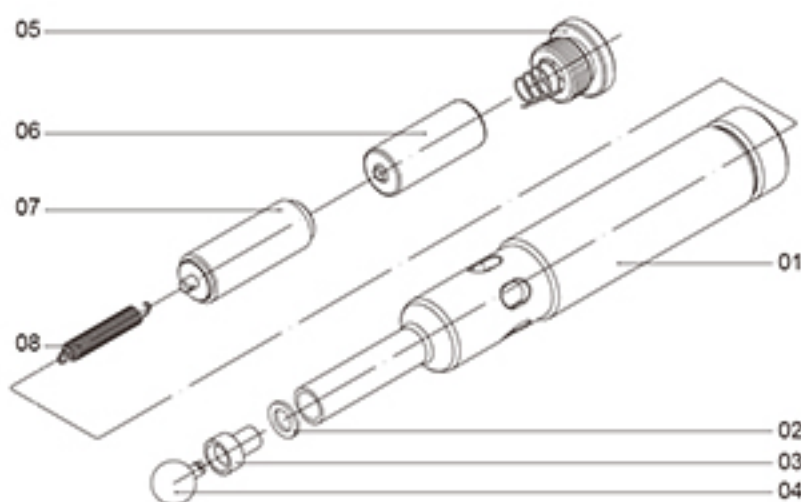
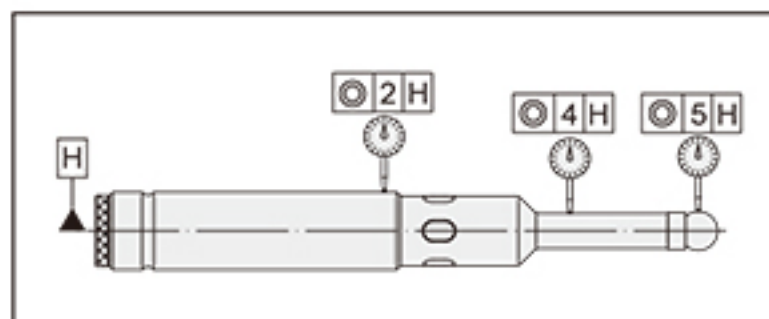
光電式尋邊器



- Quickly locate working edges.
- Save time to find positions, for Milling Machine, Jig borers, and other machine tools.

HIGH SENSIBLE POSITION MEASURING

- Uses dry batteries to light the red bulb.
- The scope of application includes edge surface, inside and outside diameters and high efficiency.
- There is a safety spring puller, which will put a ball precisely back to the position when ball breaks away from ball seat.

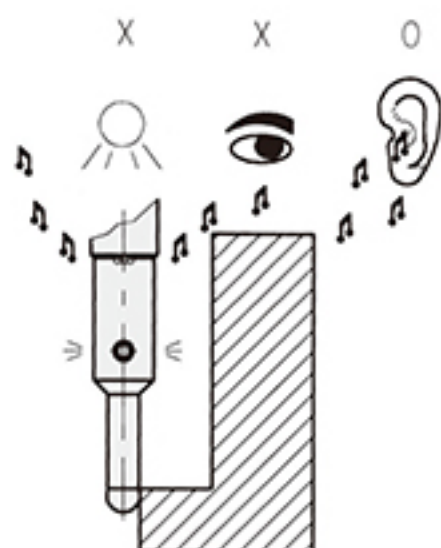
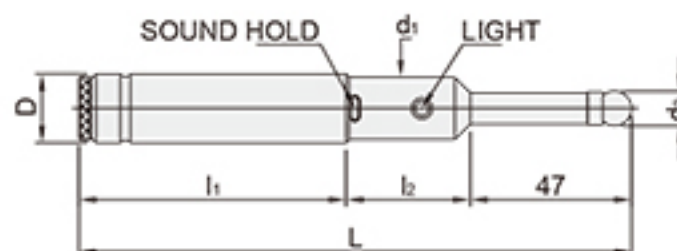


MODEL NO.	NO.	NAME OF EACH PART
SYIC - 83300 - 1	1	Shank
SYIC - 83300 - 2	2	Insulate flake
SYIC - 83300 - 3	3	Steel ball seat
SYIC - 83300 - 4	4	Steel ball
SYIC - 83300 - 5	5	Batteries cap
SYIC - 83300 - 6	6	Batteries
SYIC - 83300 - 7	7	LED bulb
SYIC - 83300 - 8	8	Spring

MODEL NO.	TYPE	D	d ₁	d ₂	L	l ₁	l ₂	BATTERY TYPE	WEIGHT (KGS)
SYIC - 83301	OP - 20	20	18	10	160	79	34	UM - 5(SP) 2P/R1/1.5V	0.3
SYIC - 83302	OP - 32	32							0.6

SYIC-83310

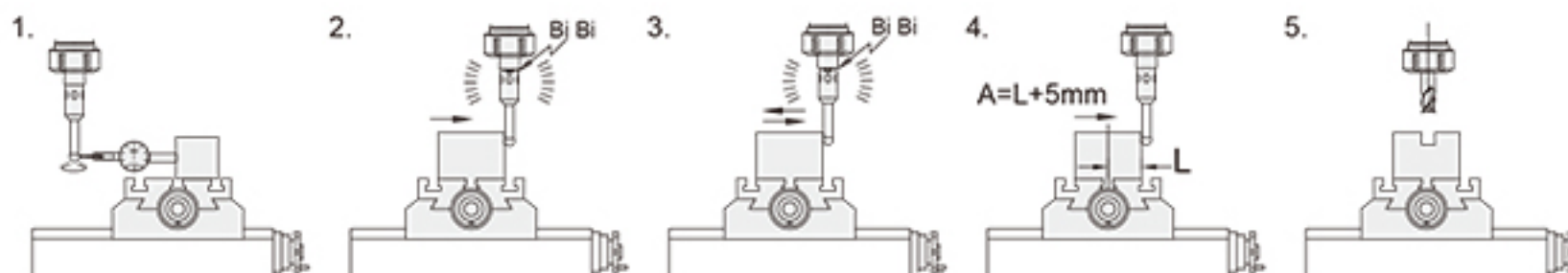
警示鳴音 光電尋邊器



- The red lamp can concentrate light and resist water.
- It will beep at the same time when the red lamp is on.
- When probe is in a deep hole you can't see the red light, but you can hear the sound.

How to use the Optical Edge Finder:

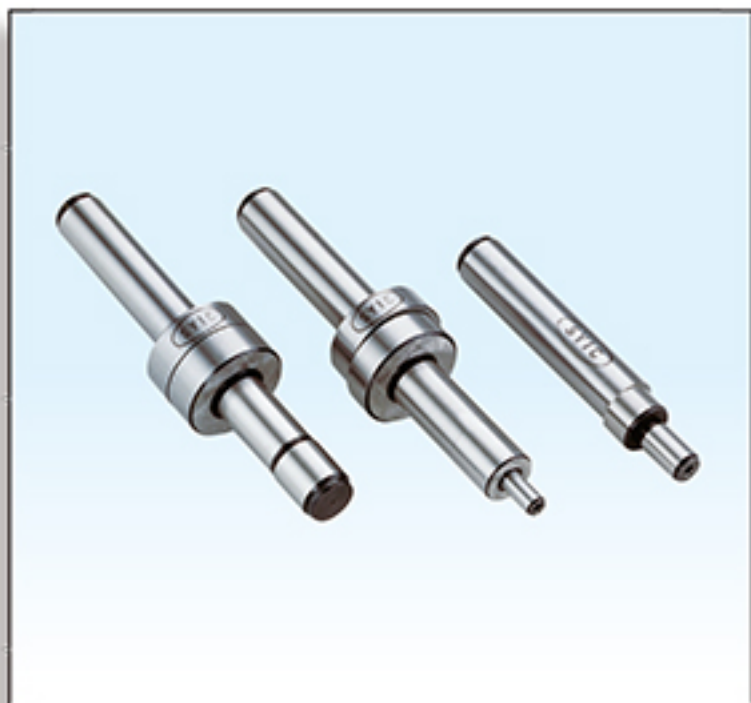
1. Mount the Edge Finder into tool holder and check if its concentricity is within 0.005mm.
2. Move the work table to make the edge of work piece touch the ball of Edge Finder until the red lamp is on.
3. Mark the reading dial of table movement, backward the table a little and re-touch the work piece to Edge Finder slightly until the red lamp is on again to make sure of the correct dial reading.
4. Zero the reading dial and move the table to the desired position by adding 5mm to the desired dimension X.
5. Take off the Edge Finder and remount the desired tooling for machining.



MODEL NO.	TYPE	D	d ₁	d ₂	L	l ₁	l ₂	BATTERY TYPE	WEIGHT (KGS)
SYIC - 83311	ES - 20	20	18	10	160	79	41	UM5 ⁺ x 2pcs	0.35
SYIC - 83312	ES - 32	32							0.60

SYIC-83350

偏心式尋邊器



- Steel: SCM - 21

- HRC: 56°

SYIC - 83352 TYPE ME610

SYIC - 83354 TYPE ME420

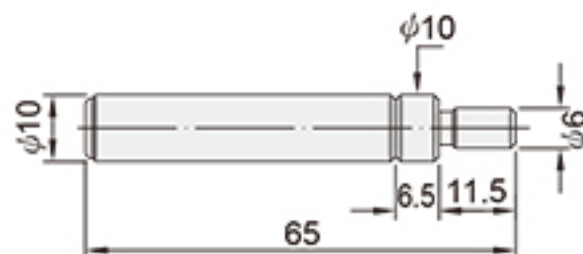
SYIC - 83356 TYPE ME1020

Hard anodic coating without magnetism

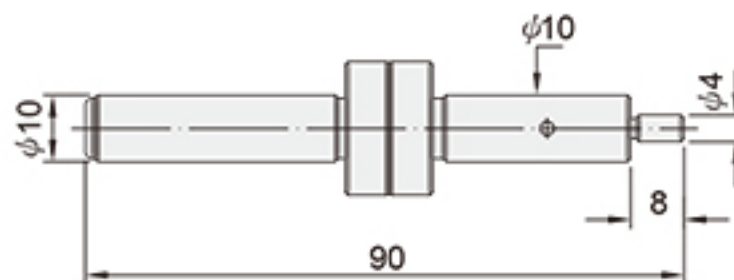
SYIC - 83342 HME 610

SYIC - 83344 HME 420

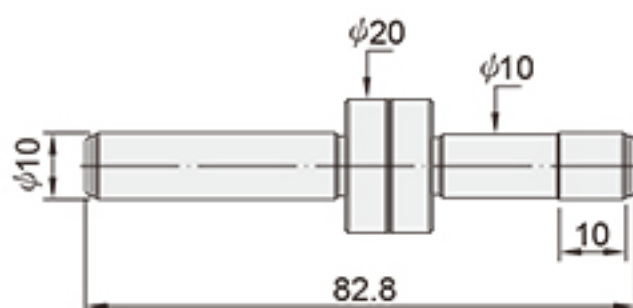
SYIC - 83346 HME 1020



ME 610



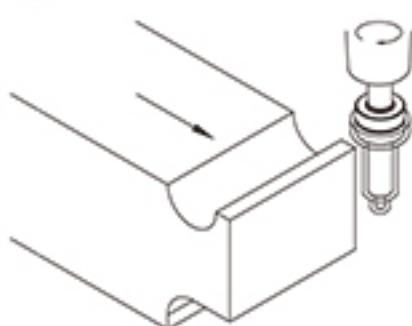
ME 420



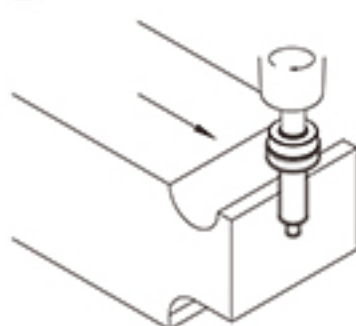
ME 1020

- Accuracy of the point to point is within 0.002mm.
- Revolution within 400-600RPM.
- Max. flange is clear for our sight.
- 4mm is the min. hole that could be tested.
- Suitable for milling machine, drilling machine, and boring machine.

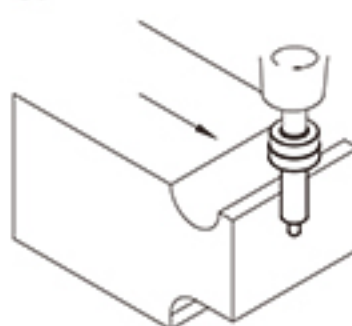
1.



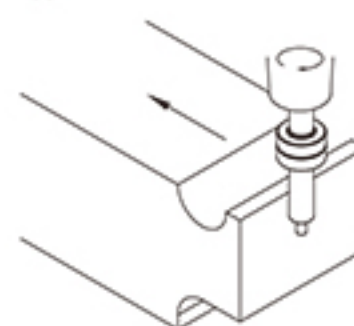
2.



3.

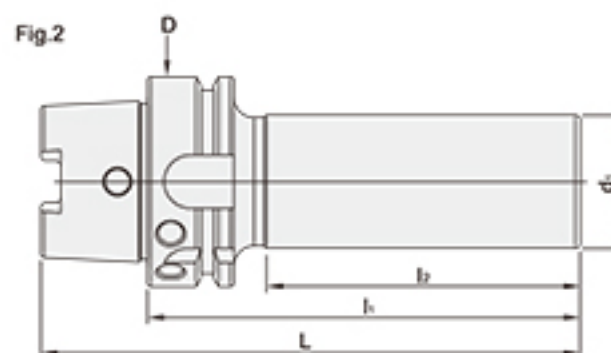
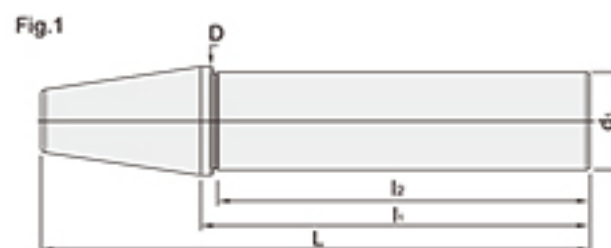


4.



SYIC-86400

測試棒



- Application:
For machine spindle precision test.



TAPER SHANK PRECISION	AT2
ROUNDNESS	0.001mm
SURFACE ROUGHNESS	Ra < 0.4
CONCENTRICITY	0.005mm

MODEL NO.	TYPE	L	l ₁	l ₂	D	d ₁	Fig.
SYIC - 86403	BT30 x 25 - 250	298.4	250	242	31.75	25	1
SYIC - 86402-32	BT30 x 32 - 250			244		32	
SYIC - 86404	BT40 x 40 - 300	365.4	300	293	44.45	40	
SYIC - 86406	BT50 x 40 - 300	401.8		292	69.85		
SYIC - 86408	CAT40 x 40 - 300	368.249		293	44.45		
SYIC - 86414	DAT40 x 40 - 300	370.4	302	294.5			
SYIC - 86414-180	HSK40A x 32 - 180	220	200	170	40	32	2
SYIC - 86424	HSK63A x 40 - 300	378	346	311	63	40	
SYIC - 86442	HSK63F x 40 - 300	371					
SYIC - 86428	HSK100A x 40 - 300	399	349	300	100	50	
SYIC - 86429	HSK100A x 50 - 300						
SYIC - 86430	HSK25E x 25- 175	191	175	163	25	25	
SYIC - 86432	HSK40E x 32 - 180	200	180	157	40	32	
SYIC - 86433	HSK50E x 32 - 180	205		211	50		
SYIC - 86453	MTB4 x 25 - 300	409	300	300	31.267	25	1
SYIC - 86454	MTB5 x 40 - 300	436			44.399	40	

Option

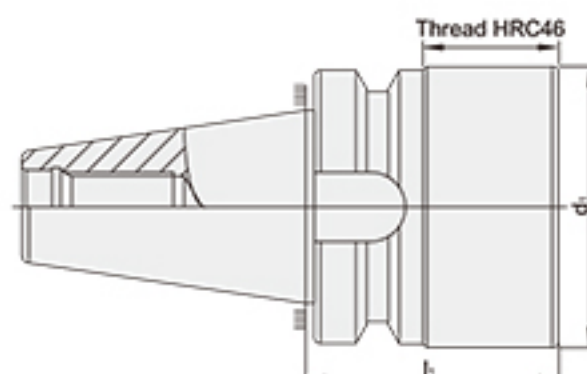
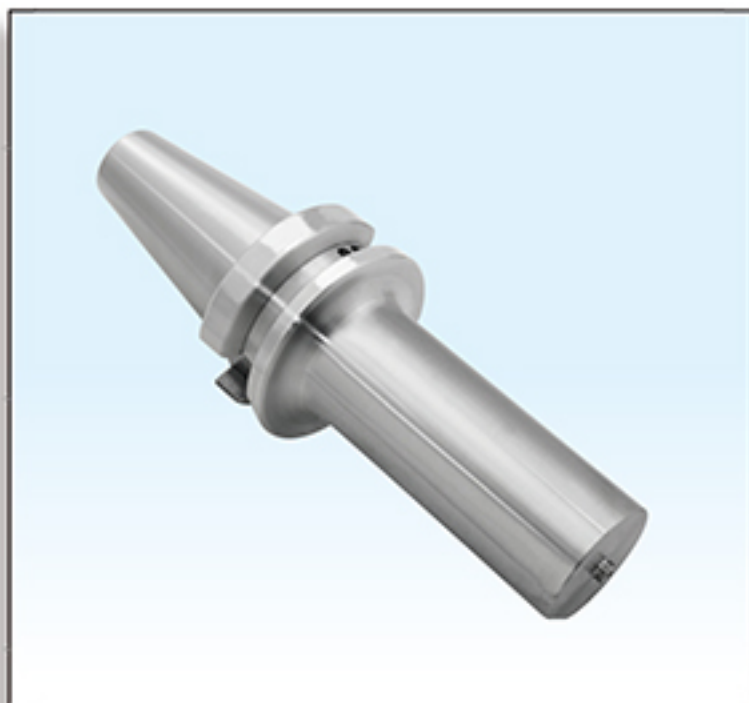
PULL STUDS



P.J-2

SYIC-10.001

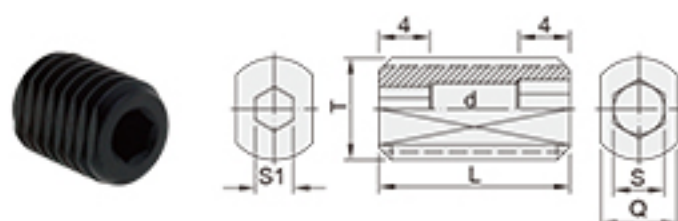
素材



MODEL NO.	TYPE	d ₁	l ₁
10.001.48.300	BT30 x ϕ 48-3"	48	76.2
10.001.48.400	BT30 x ϕ 48-4"		101.6
10.001.48.500	BT30 x ϕ 48-5"		127
25.001.48.300	SBT30 x ϕ 48-3"		76.2
25.001.48.400	SBT30 x ϕ 48-4"		101.6
25.001.48.500	SBT30 x ϕ 48-5"		127
73.001.62.300	HSK63A x ϕ 62-3"	62	76.2
73.001.62.400	HSK63A x ϕ 62-4"		101.6
73.001.62.500	HSK63A x ϕ 62-5"		127

COOLANT PRESET SCREW

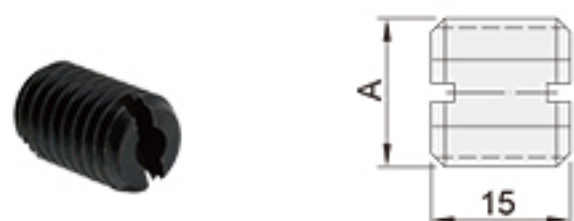
給水型 擋刀螺絲



MODER NO.	T	L	d	S	S1	Q
SYIC - 19192	M5 x 0.8P	15	2	2	2	3
SYIC - 19193	M6 x 1.0P		3	2.5	2.5	4
SYIC - 19194	M8 x 1.25P		4	4	3	6
SYIC - 19195	M10 x 1.5P		5	5	4	8
SYIC - 19196	M12 x 1.75P		6	6	5	10
SYIC - 19197	M16 x 2.0P	25	6	8	6	14
SYIC - 19198	M20 x 2.0P		6	10	8	18

COOLANT PRESET SCREW

給水型 擋刀螺絲

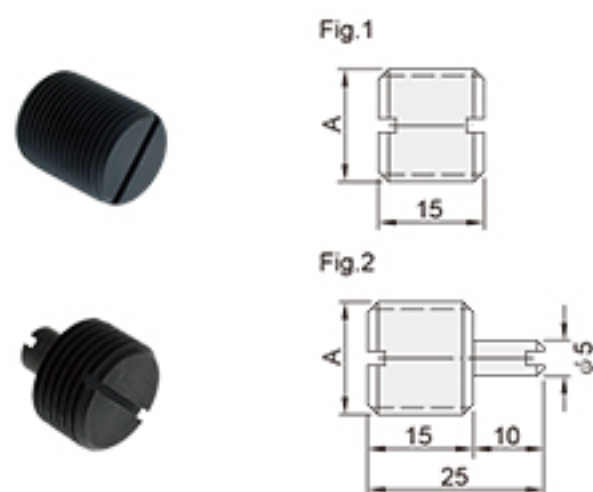


MODER NO.	TYPE
SYIC - 16081C	M6 x 1.0P - 15
SYIC - 16082C	M8 x 1.25P - 15
SYIC - 16083C	M10 x 1.5P - 15
SYIC - 16085C	M12 x 1.75P - 15
SYIC - 16089C	M16 x 2.0P - 15
SYIC - 16090C - 25	M18 x 1.5P - 25
SYIC - 16091C	M20 x 2.0P - 15
SYIC - 16092C - 25	M22 x 1.5P - 25
SYIC - 16093C	M24 x 2.0P - 15
SYIC - 16095C - 30	M28 x 2.0P - 30

PRESET SCREW

• FOR ER AND TG COLLET CHUCKS

擋刀螺絲

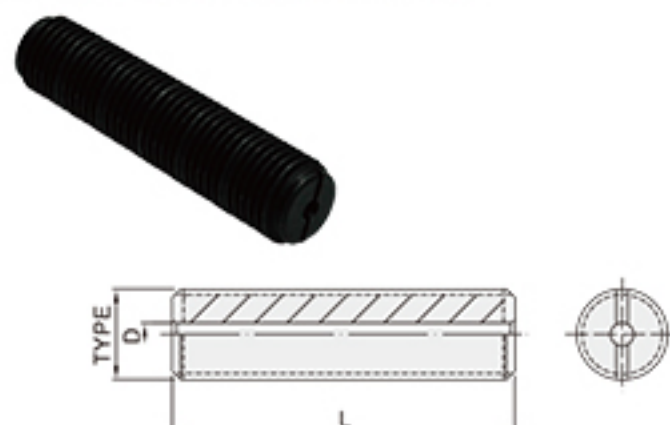


MODER NO.	TYPE	Fig.
SYIC - 16081	M6 x 1.0P - 15	1
SYIC - 16082	M8 x 1.25P - 15	
SYIC - 16082 - 25	M8 x 1.25P - 25	2
SYIC - 16083	M10 x 1.5P - 15	
SYIC - 16085	M12 x 1.75P - 15	1
SYIC - 16087	M12 x 1.75P - 25	
SYIC - 16089	M16 x 2.0P - 15	2
SYIC - 16091	M20 x 2.0P - 15	
SYIC - 16093	M24 x 2.0P - 15	

SET SCREW

• FOR MULTI-LOCK COLLET CHUCK

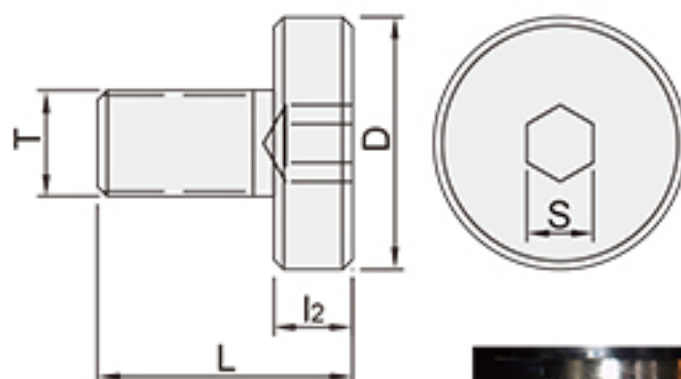
MLD 設定螺絲



MODEL NO.	TYPE	L	D	WEIGHT (KGS)
SYIC - 15946 - 1	M12 x 1.75P	40	ϕ 4	0.10
SYIC - 15947 - 1	M16 x 2.0P	60		0.12
SYIC - 15947 - 4	M16 x 2.0P	35		0.08
SYIC - 15947 - 2	5/8" - 11UNC	60		0.13
SYIC - 15947 - 3	5/8" - 11UNC	35		0.08
SYIC - 15948 - 1	M24 x 3.0P	60		0.14
SYIC - 15948 - 2	1" - 8UNC			0.15

SYIC-WF

華司螺絲(專用於英制細牙平面銑刀柄)



STANDARD TYPE

MODEL NO.	TYPE	D	L	l ₂	T	S	WEIGHT (KGS)
SYIC - WF - 0.5	FMA screw 1/2"	15.875	21.336	8.636	1/4" - 28UNF	3/16"	0.01
SYIC - WF - 0.5 - 1.5			46.736				0.04
SYIC - WF - 0.75	FMA screw 3/4"	22.225	34.798	9.398	3/8" - 24UNF	1/4"	0.04
SYIC - WF - 0.75 - 1.5			47.498				0.06
SYIC - WF - 1	FMA screw 1"	30.163	34.798	12.7	1/2" - 20UNF	5/16"	0.06
SYIC - WF - 1 - 1.75			53.848				0.08
SYIC - WF - 1.25	FMA screw 1-1/4"	38.1	44.45	12.7	5/8" - 18UNF	3/8"	0.16
SYIC - WF - 1.25 - 1.75			57.15				0.20
SYIC - WF - 1.5	FMA screw 1-1/2"	47.625	44.45	12.7	3/4" - 16UNF	1/2"	0.24
SYIC - WF - 1.5 - 1.75			57.15				0.27
SYIC - WF - 2	FMA screw 2"	63.5	50.8	12.7	1" - 14UNF	1/2"	0.42
SYIC - WF - 2 - 2			63.5				0.60
SYIC - WF - 2.5	FMA screw 2-1/2"	79.375	57.15	12.7	1" - 14UNF	1/2"	0.60

COOLANT TYPE

MODEL NO.	TYPE	D	L	l ₂	T	S	WEIGHT (KGS)
SYIC - WF.C1 - 0.5	FMA screw 1/2"	15.875	21.336	8.636	1/4" - 28UNF	3/16"	0.01
SYIC - WF.C1 - 0.5 - 1.5			46.736				0.04
SYIC - WF.C1 - 0.75	FMA screw 3/4"	22.225	34.798	9.398	3/8" - 24UNF	1/4"	0.04
SYIC - WF.C1 - 0.75 - 1.5			47.498				0.06
SYIC - WF.C1 - 1	FMA screw 1"	30.163	34.798	12.7	1/2" - 20UNF	5/16"	0.06
SYIC - WF.C1 - 1 - 1.75			53.848				0.08
SYIC - WF.C1 - 1.25	FMA screw 1-1/4"	38.1	44.45	12.7	5/8" - 18UNF	3/8"	0.16
SYIC - WF.C1 - 1.25 - 1.75			57.15				0.20
SYIC - WF.C1 - 1.5	FMA screw 1-1/2"	47.625	44.45	12.7	3/4" - 16UNF	1/2"	0.24
SYIC - WF.C1 - 1.5 - 1.75			57.15				0.27
SYIC - WF.C1 - 2	FMA screw 2"	63.5	50.8	12.7	1" - 14UNF	1/2"	0.42
SYIC - WF.C1 - 2 - 2			63.5				0.60
SYIC - WF.C1 - 2.5	FMA screw 2-1/2"	79.375	57.15	12.7	1" - 14UNF	1/2"	0.60



SCREW WITH COOLANT FLUTES (SPECIALLY USED FOR METRIC AND INCH COARSE THREAD)

SYIC-FMC

給水槽螺絲(專用於公/英制粗牙平面銑刀柄)

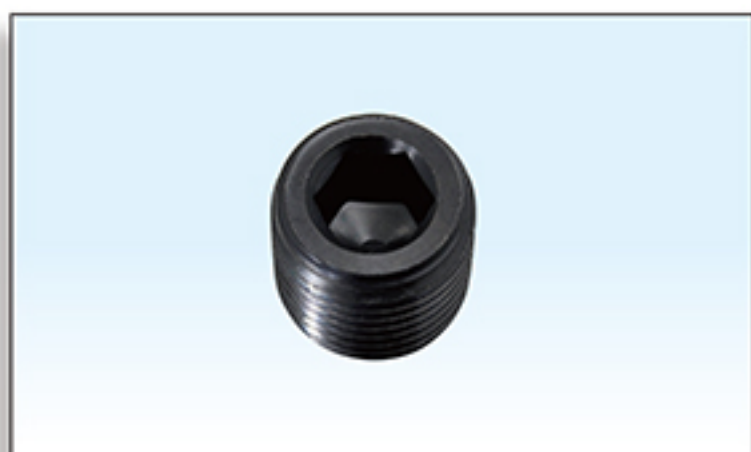


MODEL NO.	TYPE	L	L ₁	D	S	T	WEIGHT (KGS)	SUITABLE TOOL HOLDER
SYIC - FMC-M10-35	M10x1.5P-35	45	35	16	8	M10x1.5P	0.02	FMB 22
SYIC - FMC-M12-30	M12x1.75P-30	42	30	18	10	M12x1.75P	0.04	FMB 27 / 32
SYIC - FMC-M12-35	M12x1.75P-35	47	35	18	10	M12x1.75P	0.04	FMB 27 / 32
SYIC - FMC-M16-50	M16x2.0P-50	66	50	24	14	M16x2.0P	0.10	FMB 40
SYIC - FMC-12.7-38.1	1/2"-12W-38.1	50.8	38.1	19.05	9.525	1/2"-12W	0.04	FMA 25.4 / 31.75
SYIC - FMC-15.875-38.1	5/8"-11W-38.1	53.975	38.1	22.225	14	5/8"-11W	0.08	FMA 38.1
SYIC - FMC-15.875-45	5/8"-11W-45	60.875	45	22.225	14	5/8"-11W	0.10	FMA 50.8



END MILL HOLDER REPLACEMENT LOCK SCREW

側固螺絲

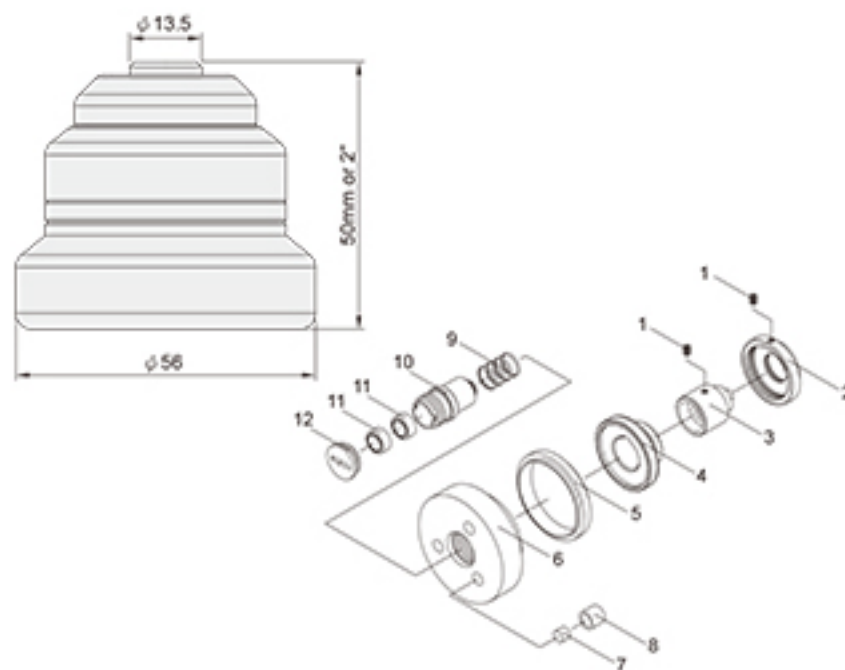


MODEL NO.	TYPE	LENGTH
SYIC - 17125 - SCREW	M12x1.75P	15
SYIC - 17126 - SCREW	M14x2.0P	16
SYIC - 17136 - SCREW	M16x2.0P	16
SYIC - 17137 - SCREW	M18x2.0P	20
SYIC - 17138 - SCREW	M20x2.0P	20
SYIC - 17166 - SCREW	M24x2.0P	25

MODEL NO.	TYPE	LENGTH
SYIC - 22907 - SCREW	6#-32UNC	5/16"
SYIC - 22909 - SCREW	8#-32UNC	1/4"
SYIC - 22911 - SCREW	1/4-28UNF	5/16"
SYIC - 22913 - SCREW	5/16-24UNF	5/16"
SYIC - 22915 - SCREW	3/8-24UNF	3/8"
SYIC - 22917 - SCREW	7/16-20UNF	3/8"
SYIC - 22919 - SCREW	1/2-20UNF	7/16"
SYIC - 22921 - SCREW	5/8-18UNF	1/2"
SYIC - 22927.1 - SCREW	3/4-16UNF	5/8"
SYIC - 22951 - SCREW	1-14UNF	7/8"

SYIC-17905

ZOP - 50 光電式 Z軸設定器



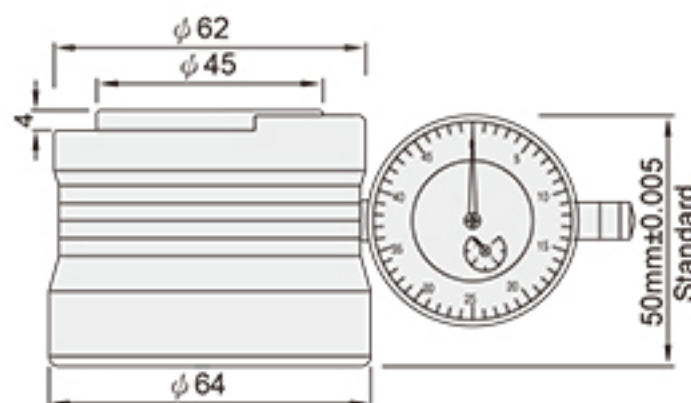
- Height 50mm.
- With magnetic base.
- The red lamp will be on when being touched.
- Accuracy 0.005mm
- Combine vertical and horizontal in an unit.
- Weight: 0.5 kgs

MODEL NO.	NO.	NAME OF EACH PART
SYIC - 17905 - 01	1	Hexagon socket set screw
SYIC - 17905 - 02	2	Adjusting cap
SYIC - 17905 - 03	3	Sliding axle
SYIC - 17905 - 04	4	Connector
SYIC - 17905 - 05	5	Insulate seat
SYIC - 17905 - 06	6	End seat

MODEL NO.	NO.	NAME OF EACH PART
SYIC - 17905 - 07	7	Magnet
SYIC - 17905 - 08	8	Magnet copper pillar
SYIC - 17905 - 09	9	Spring
SYIC - 17905 - 10	10	Light shell set
SYIC - 17905 - 11	11	Battery
SYIC - 17905 - 12	12	Battery cap

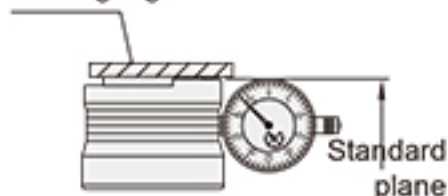
ZSI-50 Z AXIAL PRESET GAUGE
SIMPLE TYPE (WITHOUT MAGNETISM)

SYIC-17906

ZSI - 50 Z 軸設定器
無磁性 外插量錶式

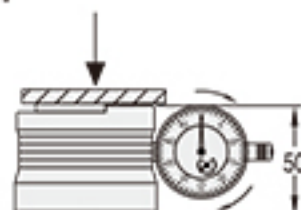
- Height: 50mm.

1. Parallel gauge
Block gauge



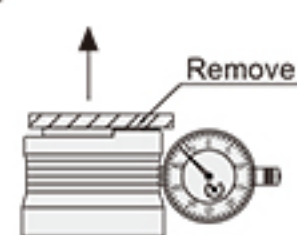
Please use the parallel gauge or block gauge to press standard plane.

2.



Turn the indicator, adjust the long needle to "0" and remember the short needle location.

3.



Remove the parallel gauge or block gauge.



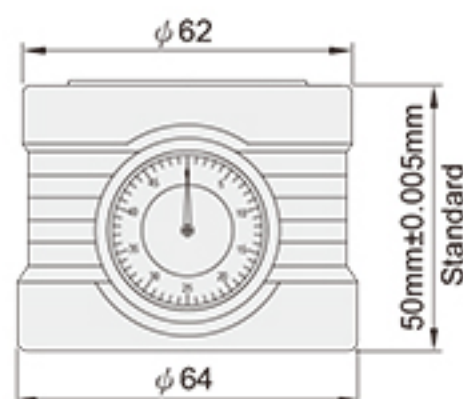
ZDS-50J Z AXIAL PRESET GAUGE (MAGNETIC)

SYIC-17909-J

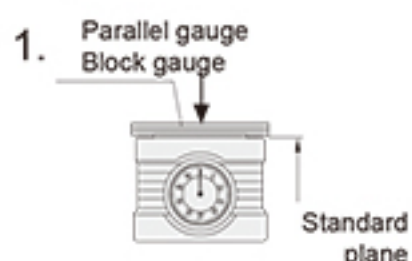
ZDS - 50J Z 軸設定器
有磁性 內藏量錶式



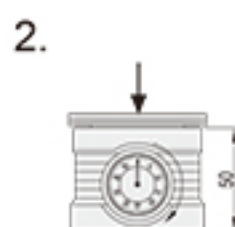
T W PAT NO. M250749



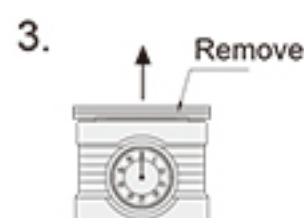
- Height: 50mm.



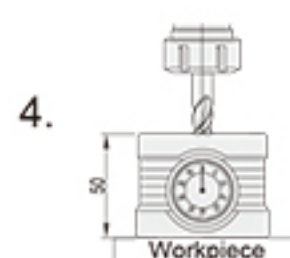
Please use the parallel gauge or block gauge to press standard plane.



Turn the indicator and adjust the needle to "0".



Remove the parallel gauge or block gauge.



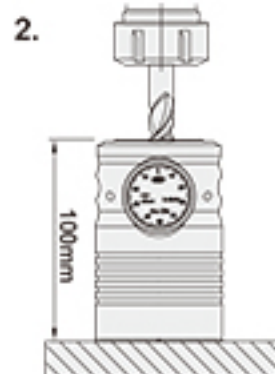
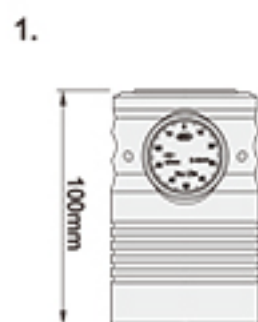
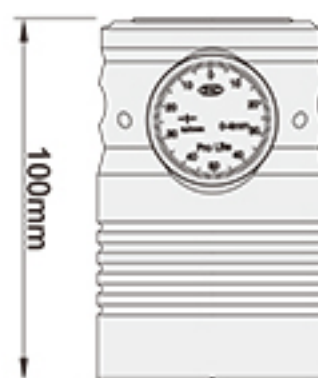
Put the whole unit on the workpiece. When cutter touched the probe face, please feed slowly to move the needle to "0". The cutter distance is now 50mm above the workpiece.



ZSW-100 Z AXIAL PRESET GAUGE (MAGNETIC)

SYIC-17911

ZSW - 100 Z 軸設定器
有磁性 內藏量錶式

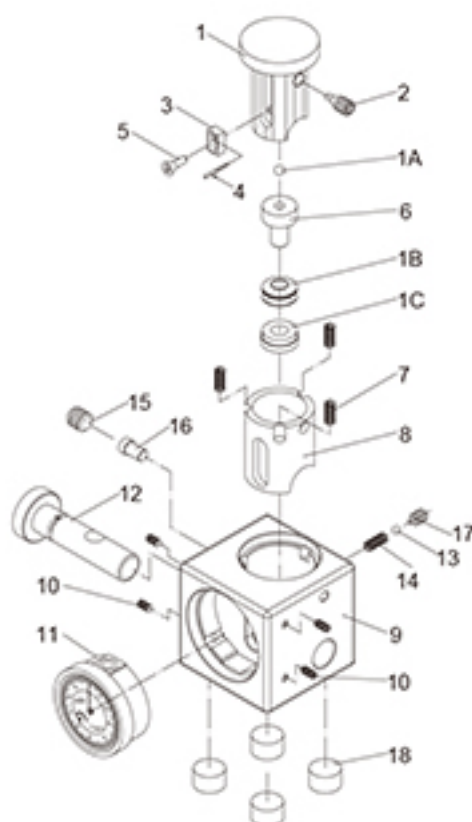
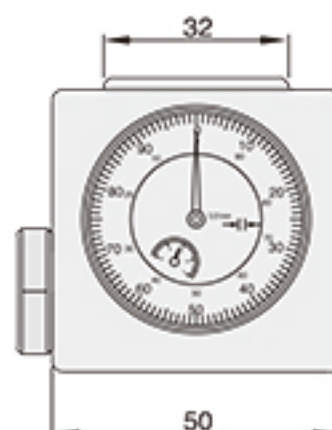


HOW TO USE Z AXIAL PRESET GAUGE:

1. Press the top of the Preset Gauge to the bottom until the dial indicator shows "zero".
2. Put the whole unit on the work piece. When cutter touched the probe face, please feed slowly until the needle shows "0". The cutter distance is now 50mm above the work piece.

SYIC-17908

ZDI - 50 量錶式 Z軸設定器

**HOW TO USE Z AXIAL PRESET GAUGE:**

- Before using, make sure that dial indicator is accurate.
- First, turn the switch from "USE" to "TEST".
- Press the top of the Preset Gauge to the bottom until the dial indicator shows "ZERO", then turn the switch from "TEST" back to "USE".
- When the tool touches preset gauge and the dial indicator shows "ZERO", the distance between tool and workpiece is 50mm.

MODEL NO.	NO.	NAME OF EACH PART	MODEL NO.	NO.	NAME OF EACH PART
SYIC - 17908 - 01	1	Sliding Axle	SYIC - 17908 - 09	9	Body
SYIC - 17908 - 01	1A	Steel Ball	SYIC - 17908 - 10	10	Fixed Screw
SYIC - 17908 - 01B	1B	Disk Spring	SYIC - 17908 - 11	11	Dial Indicator
SYIC - 17908 - 01	1C	Spring End Cover	SYIC - 17908 - 12	12	Return-To-Zero Rod
SYIC - 17908 - 02	2	Micro-Adjust Screw	SYIC - 17908 - 13	13	Steel Ball
SYIC - 17908 - 03	3	Positioning Block	SYIC - 17908 - 14	14	Spring
SYIC - 17908 - 04	4	Steel Ball	SYIC - 17908 - 15	15	Fixed Screw
SYIC - 17908 - 05	5	Hex. Head Fixed Screw	SYIC - 17908 - 16	16	Fixed Axle
SYIC - 17908 - 06	6	Micro-Adjust Axle	SYIC - 17908 - 17	17	Fixed Screw
SYIC - 17908 - 07	7	Spring	SYIC - 17908 - 18	18	Magnet Copper Pillar
SYIC - 17908 - 08	8	Sliding Axle Liner			



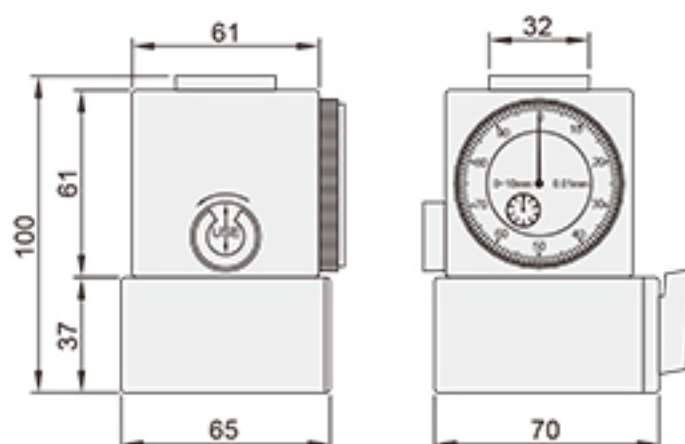
ZDI-100 Z AXIAL PRESET GAUGE INDICATOR TYPE

SYIC-17910

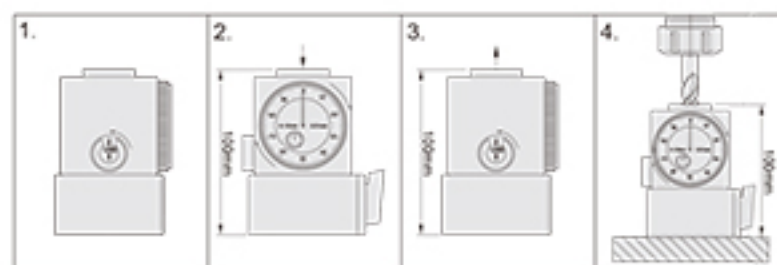
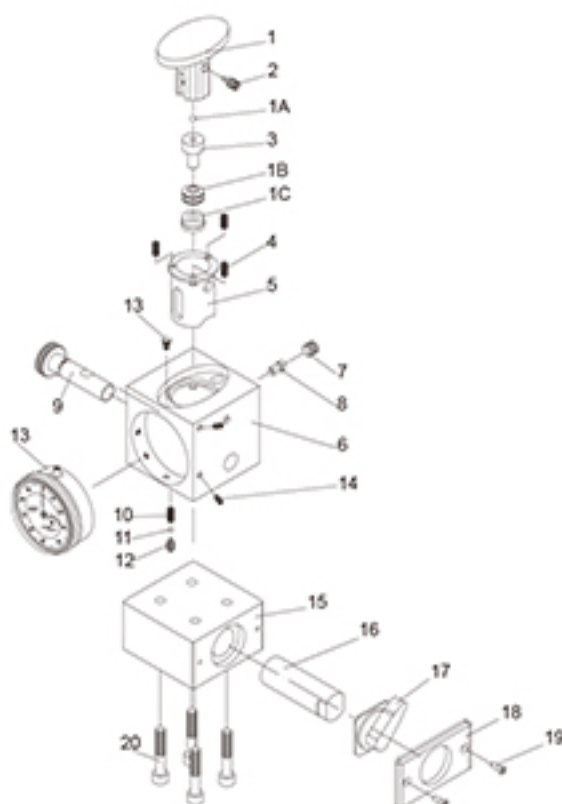
ZDI - 100 量錶式 Z軸設定器



TW PAT NO. M262301
TW PAT NO. M289094



- Height 100mm.
- There is a magnetic design. One can turn on or turn off the magnetism by adjusting the switch.
- Adjust the dial indicator to "zero".
- Dial indicator for each increment: 0.01mm.
- Magnetic capacity: 80kg.
- Weight: 1.9 kgs.



HOW TO USE Z AXIAL PRESET GAUGE:

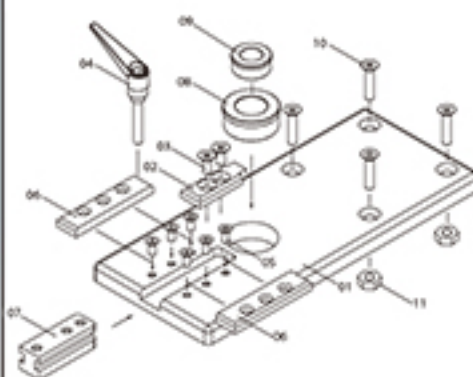
1. Turn the switch at the side of the unit for the setting - zero point from "USE" to "TEST".
2. Press top of the gauge until small indicator needle shows zero. Keep pressure against it and then adjust the large indicator needle to zero.
3. Turn the switch back to "USE."
4. When the tool touches the top of the gauge and both dial indicators read zero, the cutter distance is now 100mm above the workpiece.

MODEL NO.	NO.	NAME OF EACH PART	MODEL NO.	NO.	NAME OF EACH PART
SYIC - 17910 - 01	1	Sliding Axle	SYIC - 17910 - 09	9	Return-To-Zero Rod
SYIC - 17910 - 01A	1A	Steel Ball	SYIC - 17910 - 10	10	Spring
SYIC - 17910 - 01B	1B	Disk Spring	SYIC - 17910 - 11	11	Steel Ball
SYIC - 17910 - 01C	1C	Spring End Cover	SYIC - 17910 - 12	12	Positioning Screw
SYIC - 17910 - 02	2	Micro-Adjust Screw	SYIC - 17910 - 13	13	Dial Indicator
SYIC - 17910 - 03	3	Micro-Adjust Axle	SYIC - 17910 - 14	14	Fixed Screw
SYIC - 17910 - 04	4	Spring	SYIC - 17910 - 15	15	Magnet Base
SYIC - 17910 - 05	5	Sliding Axle Liner	SYIC - 17910 - 16	16	Magnet Core Set
SYIC - 17910 - 06	6	Body	SYIC - 17910 - 17	17	Revolving Button
SYIC - 17910 - 06A	6A	Spring	SYIC - 17910 - 18	18	Magnet Base Cover
SYIC - 17910 - 07	7	Fixed Screw	SYIC - 17910 - 19	19	Magnet Core Set
SYIC - 17910 - 08	8	Fixed Screw	SYIC - 17910 - 20	20	Fixed Screw

SYIC-301



鎖刀座



NO.	NAME OF EACH PART
01	FIXED PLATE
02	FIXED BLOCK
03	SCREW
04	FIXED HANDLE
05	SCREW
06	FIXED SPACER
07	SLIDING BLOCK
08	ADAPTER
09	ADAPTER
10	SCREW
11	NUT

Feature:

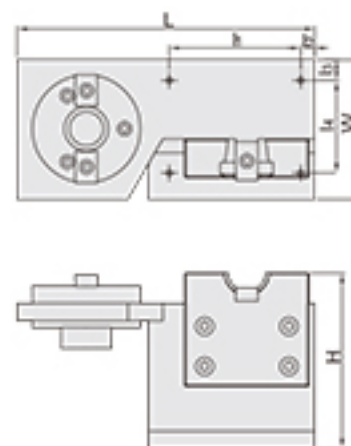
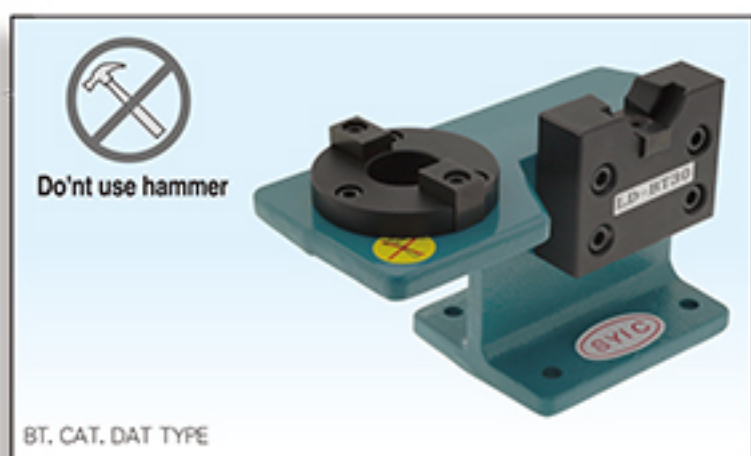
AD50 commonly-used 08 ADAPTER can be changed into BT30, BT40 and HSK63A all together by matching 09 ADAPTERs.

MODEL NO.	TYPE	02 FIXED BLOCK		08 ADAPTER		09 ADAPTER	
		MODEL NO.	TYPE	MODEL NO.	TYPE	MODEL NO.	TYPE
301.10	BT30	301.11.02	BT40	301.12.08	AD50	301.10.09	BT30
301.11	BT40					301.11.09	BT40
301.12	BT50	301.12.02	BT50	301.12.08	BT50	-	-
301.73	HSK63A	301.73.02	HSK63A	301.73.08	AD50	301.73.09	HSK63A
301.75	HSK100A	301.75.02	HSK100A	301.75.08	HSK100A	-	-

TOOL HOLDER LOCKING DEVICE

SYIC-17850

鎖刀座



MODEL NO.	TYPE	L	l ₁	l ₂	l ₃	l ₄	H	W	WEIGHT (KGS)
SYIC - 17852	BT30	210	95	10	15	67	130	100	3.70
SYIC - 17854	BT40								3.80
SYIC - 17856	BT50	275	113	20	24	105	200	150	11.40
SYIC - 17864	DAT40	210	95	10	15	67	130	100	3.80
SYIC - 17866	DAT50	275	113	20	24	105	200	150	11.40
SYIC - 17870	CAT40	210	95	10	15	67	130	100	3.80
SYIC - 17872	CAT50	275	113	20	24	105	200	150	11.40

SYIC-17870



B TYPE TOOL HOLDER LOCKING DEVICE

SYIC-17873 (BT30, CAT30, DAT30)
SYIC-17874 (BT40, CAT40, DAT40)
SYIC-17875 (BT50, CAT50, DAT50)

SYIC-17880



C TYPE TOOL HOLDER LOCKING DEVICE

SYIC-17883 (BT30)
SYIC-17884 (BT40)
SYIC-17885-BT50
SYIC-17885-CAT50
SYIC-17885-DAT50

SYIC-17890



C TYPE TOOL HOLDER LOCKING DEVICE

SYIC-17893 (HSK63A, HSK63B, HSK63D)

SYIC-17840



I TYPE TOOL HOLDER LOCKING DEVICE

SYIC-17841 (HSK32E)
SYIC-17842 (HSK40E)
SYIC-17844 (HSK50A, HSK50E, HSK50F)
SYIC-17846 (HSK63A, HSK63E, HSK63F, PSC63)

SYIC-301.LDA



LDA TYPE TOOL HOLDER LOCKING DEVICE

SYIC-301.LDA-20 (ISO20), SYIC-301.LDA-25 (ISO25)
 SYIC-301.LDA-30 (BT30, ISO30, DIN30)
 SYIC-301.LDA-40 (BT40, ISO40, DIN40)
 SYIC-301.LDA-HSK32 (HSK32), SYIC-301.LDA-HSK40 (HSK40)
 SYIC-301.LDA-HSK50 (HSK50), SYIC-301.LDA-HSK63 (HSK63)

SYIC-17840B



I TYPE TOOL HOLDER LOCKING DEVICE

SYIC-17841B (HSK32E)
 SYIC-17842B (HSK40E)
 SYIC-17844B (HSK50A, HSK50E, HSK50F)
 SYIC-17846B (HSK63A, HSK63E, HSK63F, PSC63)

SYIC-301.LDAB

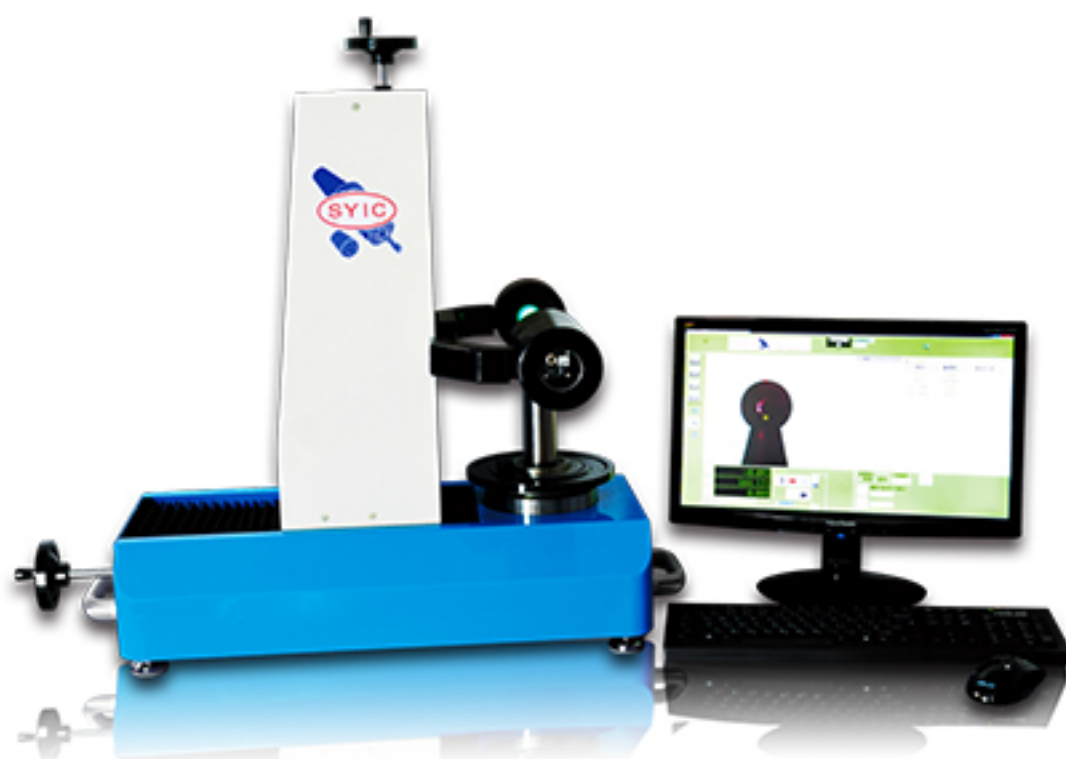


LDAB TYPE TOOL HOLDER LOCKING DEVICE

SYIC-301.LDAB-50 (HSK50)
 SYIC-301.LDAB-63 (HSK63)

SYIC-400

光學刀具設定儀

**Standard accessories:**

- One test bar.
- A computer with widescreen LCD displayer.

Optional accessories:

- #30 adapter.
- #40 adapter.
- Cabinet.

**Feature:**

- Magnification: 30X.
- Accuracy of repetitive tool holder placement: within 5 μ .
- Measuring range: X-axis: 50~150 mm ; Y-axis: 50~300 mm.
- Minimum numeric of linear scale: 0.001mm.
- Construction: use granite to stabilize the effects caused by unstable climate.
- With automatic boundary detection function, increasing measurement accuracy.
- High resolution CCD camera.
- Can output measured tool data with tool length compensation into CNC Code and transfer the CNC Code to CNC machines with USB storage or network.
- Can save numerous sets of data of measured tools and tool length compensation.

SYIC-19988

光學尺 刀具設定儀



STANDARD ACCESSORIES:

1. BT # 50 master bar 1pcs ($\phi 40 \times 250L$)
2. Dial gauge 2pcs
3. Dust proof cover 1pcs
4. #50 spindle taper wiper 1 piece (material: wool)

OPTIONS:

1. Tool locking device.
2. BT # 30 sleeve.
3. BT # 40 sleeve.
4. Cabinet

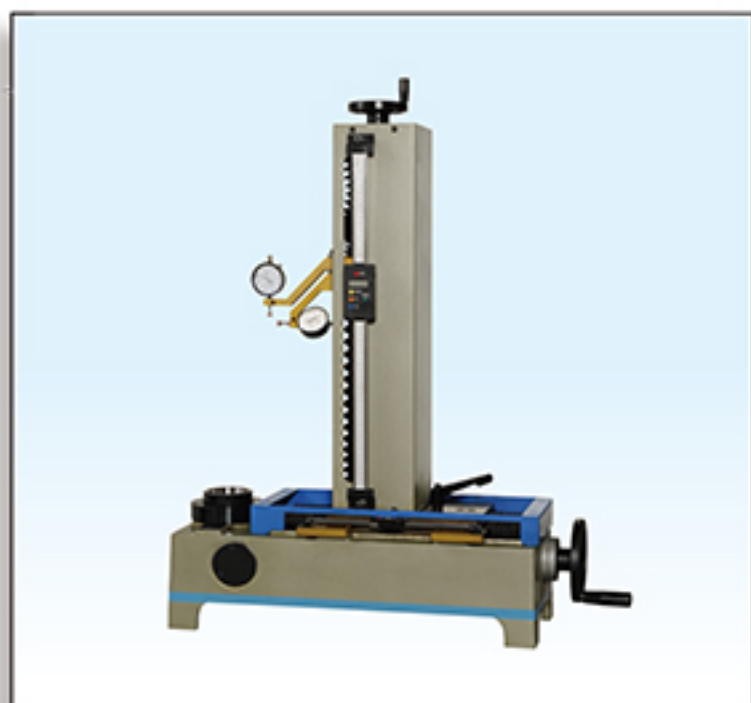


MODEL NO.	TYPE	RANGE OF MEASUREMENT	MINIMUM READING DIGIT	DIGIT LINEAR SCALE	MACHINE SIZE	MACHINE WEIGHT	STANDARD ACCESSORIES
SYIC - 19988HL	TP - 3040HL	D = 300 L = 400mm	X axis: 0.01mm Z axis: 0.01mm	X axis 1pcs for 150mm Z axis 1pcs for 400mm	760 x 930 x 1050mm	96 KGS	LINEAR SCALE
SYIC - 19988HE	TP - 3040HE					92 KGS	ELECTRIC DIGITAL SCALE

ELECTRIC DIGITAL SCALE TOOL PRESETTER

SYIC-19984

液晶顯示尺 刀具設定儀



STANDARD ACCESSORIES:

1. BT # 50 master bar 1pcs ($\phi 40 \times 250L$).
2. Dial gauge 2pcs.
3. Dust proof cover 1pcs.
4. #50 spindle taper wiper 1 piece (material: wool)

OPTIONS:

1. Tool locking device.
2. BT # 30 sleeve.
3. BT # 40 sleeve.
4. Cabinet.



MODEL NO.	TYPE	RANGE OF MEASUREMENT	MINIMUM READING DIGIT	MACHINE SIZE	MACHINE WEIGHT
SYIC - 19984L	TP - 3040L	D = 300, L = 400mm	X axis: 0.01mm Z axis: 0.01mm	603 x 307 x 903mm	96 KGS
SYIC - 19984E	TP - 3040E				92 KGS

SYIC-19989

工具車



TYPE	CABINET SIZE	CABINET WEIGHT
TP - C	760 x 500 x 600mm	42 KGS

SPINDLE TAPER WIPERS

SYIC-17700

主軸清潔棒



- Handle made of plastic.
- Taper part made of cotton.
- Good cleaning efficiency.
- ISO taper 7/24 (8° 17' 50") is used for any type of machine. Spindle includes NT, MAS BT, CAT, DIN 69871-A DAT.

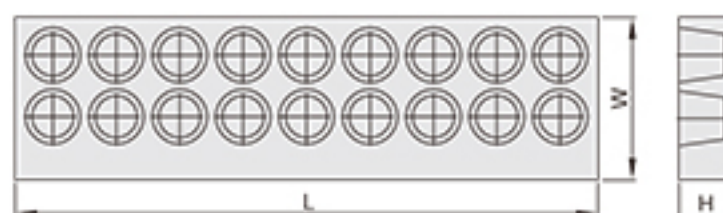
TYPE B:

- Made by wool.
- It's more efficient than old type.
- Please be advised type B is a new design.

MODEL NO.	TYPE	TOTAL LENGTH	TAPER LENGTH	HANDLE LENGTH	HANDLE DIAMETER	TAPER MAX. DIA	WEIGHT (KGS)
SYIC - 17703	ISO - 30	170	60	110	24	32	0.03
SYIC - 17704	ISO - 40	188	78			45	0.04
SYIC - 17705	ISO - 50	240	120	120	30	70	0.07
SYIC - 17706	ISO - 30 - B	170	60	110	24	32	0.03
SYIC - 17707	ISO - 40 - B	188	78			45	0.04
SYIC - 17708	ISO - 50 - B	240	120	120	30	70	0.07
SYIC - 38032	HSK50A - 63F - 50E	160	25	110	24	38	0.06
SYIC - 38036	HSK63A - 80F	167	32			48	0.08

SYIC-04280

ER 筒夾木盤



MODEL NO.	TYPE	L	W	H	Q'TY	WEIGHT (KGS)
SYIC - 04282	ER 8	210	20	13	9	0.01
SYIC - 04284	ER 11				13	0.01
SYIC - 04286	ER 16	275	35	22	10	0.14
SYIC - 04288	ER 20				12	0.12
SYIC - 04290	ER 25	275	77	26	16	0.18
SYIC - 04292	ER 32	340	90	30	18	0.48
SYIC - 04294	ER 40	265	210	38	24	0.76
SYIC - 04296	ER 50	235	210	37	12	0.64

SYIC-04251

包裝盒



- Plastic boxes will not get broken easily and is easy to deliver.
- ISO#50 should be used with wooden box.
- The same type of box is suitable for the complete set or the required sizes of collets from customers.
- There is EVA inserted lining inside ER8 & ER11's wooden box.
- There's EVA inserted lining inside ER32 & ER40's plastic box.
- When ordering EOC25 wooden box, please indicate 7 pcs or 15 pcs needed.
- The plastic box for EOC25 7pcs and 5pcs is the same.
- EOC32 plastic case, empty inside but with a 16 hole of EVA insert lining, 8pcs or 16pcs are the same one.
- EOC25 NT50 or EOC32 NT50 must use wooden box.

MODEL NO.	TYPE	FULL PCS/SET	MATERIAL	SIZE	WEIGHT (KGS)
SYIC - 04242	SLC6 / SLC12 / SLC20	6	Plastic	350 x 396 x 100	1.9
SYIC - 04244	SKS6 / SKS10				1.9
SYIC - 04245	SKS13 / SKS16				1.9
SYIC - 04246	SKS20 / SKS25				1.9
SYIC - 04252	ER8 / ER 11	13	Wooden	223 x 75 x 95	0.2
SYIC - 04254	ER16	10		240 x 130 x 80	0.5
SYIC - 04256	ER16 / ER20		Plastic	310 x 150 x 50	0.3
SYIC - 04258	ER20	12	Wooden	290 x 140 x 80	0.5
SYIC - 04262	ER25	15		285 x 160 x 80	0.4
SYIC - 04264	ER25		Plastic	320 x 240 x 100	0.9
SYIC - 04266	ER32	18	Wooden	275 x 160 x 110	1.1
SYIC - 04268	ER32		Plastic	320 x 240 x 100	0.9
SYIC - 04270	ER40	23	Wooden	410 x 240 x 110	1.8
SYIC - 04272	ER40	7	Plastic	320 x 240 x 100	0.9
SYIC - 04274	ER50	17	Wooden	445 x 305 x 125	2.8
SYIC - 83693	EOC 25	7		300 x 165 x 90	1.0
SYIC - 83694		15		315 x 235 x 90	0.8
SYIC - 83695		7 or 15		305 x 280 x 110	1.8
SYIC - 83696		7 or 15	Plastic	300 x 165 x 90	1.0
SYIC - 83697	EOC 32	8	Wooden	305 x 240 x 110	1.9
SYIC - 83698		16		445 x 295 x 130	3.2
SYIC - 83699			8 or 16	Plastic	320 x 240 x 100