



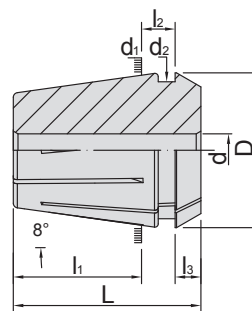
SYIC'S ER SYSTEM- COMPLETE - ACCURATE - PRODUCTIVE



STEEL SEALED COLLET

SYIC-04540

ER 斜槽止水筒夾



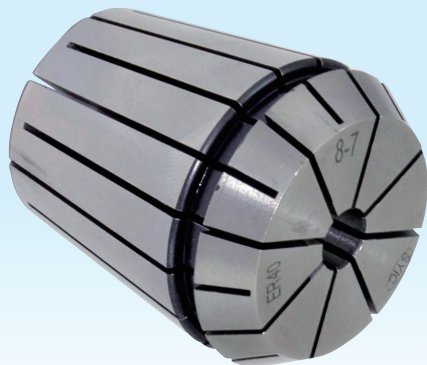
- Patent owned.
- Special slots attain sealing purpose and better rigidity.
- Water pressure up to 1500 PSI

MODEL NO.	TYPE	d	D	d ₁	L	l ₁	l ₂	l ₃	WEIGHT (KGS)
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

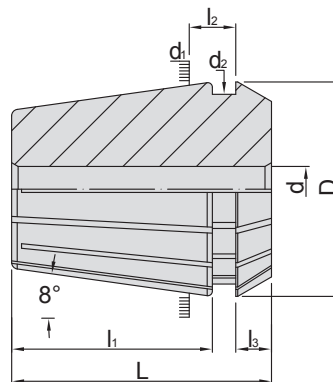
SYIC-04210

ER 彈性筒夾

DIN ISO 15488



T W PAT NO. 3108255
T W PAT NO. M 266126



- Steel: SUJ2 (High-carbon bearing steel: After heat treatment, it has rigid 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, ER16, 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 kinds of classes for 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.
- It has flexibility and can be applied widely and variably.
- Please inform the required precision when ordering.
- Yearly output 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 - 5.0	8.5	8	13.5	10.8	2.98	1.5	0.005
SYIC - 04211	ER11	4009E	1 - 7.0	11.5	11	18	13.5	3.8	2.5	0.010
SYIC - 04216	ER16	426E	1 - 10.0	17	16	27.5	20.8	6.26	4	0.030
SYIC - 04220	ER20	428E	2 - 13.0	21	20	31.5	23.9	6.36	4.8	0.040
SYIC - 04225	ER25	430E	2 - 16.0	26	25	34	25.9	6.66	5	0.060
SYIC - 04232	ER32	470E	3 - 20.0	33	32	40	30.9	7.16	5.5	0.100
SYIC - 04240	ER40	472E	4 - 26.0	41	40	46	34.9	7.66	7	0.250
SYIC - 04250	ER50	477E	6 - 34.0	52	50	60	46	13.4	8.5	0.450



ER COLLET

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 - 1.5	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 - 1.5	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 - 1.5	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 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

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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"		

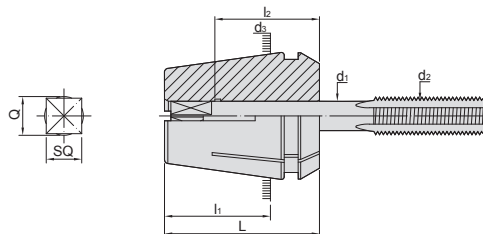
ER 50					
MODEL NO.	RANGE	MODEL NO.	RANGE	MODEL NO.	RANGE
SYIC - 04250 - 7/23"	0.197" - 0.236"	SYIC - 04250 - 17/32"	0.512" - 0.551"	SYIC - 04250 - 1"	0.984" - 1.024"
SYIC - 04250 - 1/4"	0.236" - 0.276"	SYIC - 04250 - 5/8"	0.591" - 0.630"	SYIC - 04250 - 1-3/32"	0.062" - 1.102"
SYIC - 04250 - 5/16"	0.276" - 0.315"	SYIC - 04250 - 11/16"	0.669" - 0.709"	SYIC - 04250 - 1-3/16"	1.141" - 1.181"
SYIC - 04250 - 11/32"	0.315" - 0.354"	SYIC - 04250 - 25/32"	0.748" - 0.787"	SYIC - 04250 - 1-1/4"	1.220" - 1.259"
SYIC - 04250 - 3/8"	0.354" - 0.394"	SYIC - 04250 - 27/32"	0.827" - 0.866"	SYIC - 04250 - 1-5/16"	1.229" - 1.338"
SYIC - 04250 - 7/16"	0.433" - 0.472"	SYIC - 04250 - 15/16"	0.906" - 0.945"		

SYIC-05320

ER 鋼性攻牙筒夾



T W PAT NO. 148435
C H PAT NO. 693702



- 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 d2, d1, SQ.

MODEL NO.	TYPE	d ₃	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	4.0	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	5.5		ISO-529
05326	2.8	2.6	M4	2.1		ISO-529				M6	3.55		ISO-529				M9	5.5		JIS
05328	3.15	2.9	M4	2.5		DIN-376				M4	4		JIS				M10	5.5		JIS
05328	3.15	2.9	M3	2.5		ISO-529				M4.5	4		JIS				M10	5.5		DIN-352
05328	3.15	2.9	M4	2.5		ISO-529				M5	4		ISO-529				M10	5.5		DIN-376
05330	3.5	3.3	M3	2.7		DIN-352				M5	4.5		JIS				M8	6.2		DIN-371
05330	3.5	3.3	M3	2.7		DIN-371				M5.5	4.5		JIS				M8	6.3		ISO-529
05332	3.55	3.3	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				M5	4.9		DIN-371				M11	6		JIS
05334	4	3.8	M4.5	2.8	18	ISO-529	05342	6	5.09	M6	4.5	18	JIS	05350	8	6.88	M12	6.5	22	JIS
			M3	3.2		JIS				M6	4.9		DIN-352				M12	7		DIN-352
			M3.5	3		DIN-352				M6	4.9		DIN-371				M12	7		DIN-376
			M3.5	3		DIN-371				M8	4.9		DIN-352				M12	7.1		ISO-529
			M4	3.15		ISO-529				M8	4.9		DIN-376				M10	8		DIN-371
			M5	3.15		ISO-529				M7	5		JIS				M10	8		ISO-529
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
05418	2.8	2.6	M3.5	2.0		ISO-529				M5	4		ISO-529				M10	6.3		ISO-529
05418	2.8	2.6	M4	2.1		DIN-376				M5	4.5		JIS				M11	6		JIS
05420	3.15	2.9	M3	2.5		ISO-529				M5.5	4.5		JIS				M12	6.5		JIS
05420	3.15	2.9	M4	2.5		ISO-529				M5	4.9		DIN-352				M12	7		DIN-352
05422	3.5	3.3	M3	2.7		DIN-352				M5	4.9		DIN-371				M12	7		DIN-376
05422	3.5	3.3	M3	2.7		DIN-371				M6	4.5		JIS				M12	7.1		ISO-529
05424	3.55	3.3	M5	2.7		DIN-376				M6	4.9		DIN-352				M10	8		DIN-371
05424	3.55	3.3	M3.5	2.8		ISO-529				M6	4.9		DIN-371				M10	8		ISO-529
05426	4	3.8	M4.5	2.8	18	ISO-529	05434	6	5.09	M8	4.9	18	DIN-352	05448	10	9.16	M14	8	25	JIS
			M3	3.2		JIS				M8	4.9		DIN-376				M15	8		JIS
			M3.5	3		DIN-352				M7	5		JIS				M14	9		DIN-352
			M3.5	3		DIN-371				M8	5		JIS				M14	9		DIN-376
			M4	3.15		ISO-529				M6	5		ISO-529				M14	9		ISO-529
05428	4.5	4.0	M5	3.15		ISO-529	05436	6.2	5.21	M8	5		ISO-529	05452	11	10.53	M16	9		DIN-352
			M4	3.4		DIN-352				M9	5		ISO-529				M16	9		DIN-376
			M4	3.4		DIN-371				M8	5		JIS				M16	9		ISO-529
			M6	3.4		DIN-376				M10	5.5		DIN-352				M16	10		JIS
			M6	3.55		ISO-529				M10	5.5		DIN-376				M16	10		ISO-529
05428	4.5	4.0	M4	3.4	18	DIN-371	05440	7	5.81	M10	5.5	18	JIS	05458	12.5	11.91	M16	10	25	JIS
			M4	3.4		DIN-376				M10	5.5		DIN-352				M16	10		ISO-529
			M6	3.4		DIN-376				M10	5.5		DIN-376				M16	10		JIS
			M6	3.4		DIN-376				M10	5.5		DIN-376				M16	10		ISO-529
			M6	3.55		ISO-529				M10	5.5		DIN-376				M16	10		JIS
05428	4.5	4.0	M6	3.55		ISO-529	05440	7	5.81	M10	5.5		DIN-376	05460	13	11.91	M17	10		JIS



ER - TC RIGID TAP COLLETS

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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	2.0		ISO-529				M5	4.9		DIN-352				M10	8		DIN-371		
05516	2.8	2.6	M4	2.1		DIN-376	M5	4.9	DIN-371	M10	8		ISO-529									
05518	3.15	2.9	M3	2.5		ISO-529	05534	6	5.09	M6	4.5		JIS	05552	10.5	9.16	M14	8	25	JIS		
			M4	2.5		ISO-529				M6	4.9		DIN-352				M15	8		JIS		
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				M8	4.9		DIN-352				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
			M4	3.15		ISO-529	M10	5.5	JIS						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	05564	14	12.97	M18	11	DIN-376			
			M4	3.4		DIN-371				M8	6.2	DIN-371	M18				11.2	ISO-529				
05528	4.5	4.0	M6	3.4		DIN-376				05546	8.5	7.14	M8		6.3	ISO-529	05566	15	14.06	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	05548	9	7.95				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	2.0		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	05594	6.2	5.21	M8	4.9		DIN-376	05616	12.5	11.91	M16	10		JIS		
			M4	2.5		ISO-529				M7	5		JIS				M16	10		ISO-529		
05580	3.5	3.3	M3	2.7		DIN-352	05596	6.3	5.21	M8	5		JIS	05618	13	11.91	M17	10	JIS			
			M3	2.7		DIN-371				M6	5		ISO-529				M18	11	JIS			
			M5	2.7		DIN-376				M8	5		ISO-529				M18	11	DIN-352			
05582	3.55	3.3	M3.5	2.8		ISO-529	05598	7	5.84	M9	5.5		JIS				05620	14	12.97	M18	11	DIN-376
			M4.5	2.8		ISO-529				M10	5.5		JIS							M18	11.2	ISO-529
05584	4	3.8	M3	3.2		JIS				M10	5.5		DIN-352	05622	15	14.06				M20	12	ISO-529
			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	12	DIN-352
			M4	3.15		ISO-529	05600	8	6.88	M8	6.2	22	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				M10	6.3		ISO-529	05626	17	15.44	M22	13	28	JIS		
			M4	3.4		DIN-371	05602	8.5	7.14	M11	6		JIS	05628	18	17.52	M22	14.5		DIN-352		
			M6	3.4		DIN-376				M12	6.5		JIS				M22	14.5		DIN-376		
05588	5	4.7	M6	3.55		ISO-529				M12	7		DIN-352				M24	14.5		DIN-352		
			M4	4		JIS	05604	9	7.95	M12	7		DIN-376				M24	14.5		DIN-376		
			M4.5	4		JIS				M12	7.1		ISO-529				M24	14		ISO-529		
05590	5.5	4.73	M5	4		ISO-529	05606	10	9.16	M10	8	25	DIN-371	05630	19	18.22	M24	15		JIS		
			M5	4.5		JIS				M10	8		ISO-529				M25	15		JIS		
			M5.5	4.5		JIS	05608	10.5	9.16	M14	8		JIS	05632	20	19.61	M26	15		JIS		
05592	6	5.09	M5	4.9		DIN-352				M15	8		JIS				05633	20		19.61	M27	15
			M5	4.9		DIN-371	05610	11	10.53	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	2.0		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	05734	6.2	5.21	M8	4.9		DIN-376	05756	12.5	11.91	M16	10		JIS
			M4	2.5		ISO-529				M7	5		JIS				M16	10		ISO-529
05720	3.5	3.3	M3	2.7		DIN-352	05736	6.3	5.21	M8	5		JIS	05760	14	12.97	M18	11		JIS
			M3	2.7		DIN-371				M6	5		ISO-529				M18	11		DIN-352
			M5	2.7		DIN-376				M8	5		ISO-529				M18	11		DIN-376
05722	3.55	3.3	M3.5	2.8		ISO-529	05738	7	5.84	M9	5.5		JIS				M18	11.2		ISO-529
			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		JIS
			M3.5	3		DIN-352				M10	5.5		DIN-352				M20	12		DIN-352
			M3.5	3		DIN-371	05738	7	5.84	M10	5.5		DIN-376				M20	12		DIN-376
			M4	3.15		ISO-529	05740	8	6.88	M8	6.2		DIN-371	05764	16	14.8	M20	12		ISO-529
			M5	3.15		ISO-529				M8	6.3		ISO-529				M22	12.5		
05726	4.5	4.0	M4	3.4		DIN-352				M10	6.3	22	ISO-529	05766	17	15.44	M22	13	28	JIS
			M4	3.4		DIN-371	05742	8.5	7.14	M12	6.5		JIS				M22	14.5		DIN-352
			M6	3.4		DIN-376				M12	7		DIN-352	05768	18	17.52	M24	14.5		DIN-376
			M6	3.55		ISO-529	05744	9	7.95	M12	7		DIN-376				M24	14.5		DIN-376
05728	5	4.7	M4	4		JIS				M12	7.1		ISO-529				M24	14		ISO-529
			M4.5	4		ISO-529	05746	10	9.16	M10	8		DIN-371	05770	19	18.22	M24	15		JIS
05730	5.5	4.73	M5	4.5		JIS				M10	8	25	ISO-529				M25	15		JIS
			M5.5	4.5		JIS	05748	10.5	9.16	M14	8		JIS	05772	20	19.61	M26	15		JIS
05732	6	5.09	M5	4.9		DIN-352				M15	8		JIS	05773	20	19.61	M27	15		JIS
			M5	4.9		DIN-371	05750	11	10.53	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	28	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				M24	14		ISO-529
			M11	6		JIS	05780-13	13	11.91	M17	10		JIS	05780-19	19	18.22	M24	15		JIS
05780-8.5	8.5	7.14	M12	6.5		JIS	05780-14	14	12.97	M18	11		JIS				M25	15		JIS
05780-9	9	7.95	M12	7	25	DIN-352				M18	11	25	DIN-352	05780-20	20	19.61	M26	15	35	JIS
			M12	7		DIN-376				M18	11		DIN-376				M27	15		JIS
			M12	7.1		ISO-529				M18	11.2		ISO-529	05780-21	21	20.5	M28	17		JIS
05780-10	10	9.16	M10	8		DIN-371	05780-15	15	14.06	M20	11.2		ISO-529	05780-23	23	20.5	M30	17		JIS
			M10	8		ISO-529				M20	12		JIS	05780-24	24	23.4	M32	19		JIS
05780-10.5	10.5	9.16	M14	8	25	JIS	05780-16	16	14.8	M20	12		DIN-352	05780-25	25	23.4	M33	19		JIS
			M15	8		JIS				M20	12		DIN-376				M33	20		DIN-352
05780-11	11	10.53	M14	9		DIN-352				M22	12.5		ISO-529				M33	20		DIN-376



ER - TC RIGID TAP COLLETS

INCH SIZE

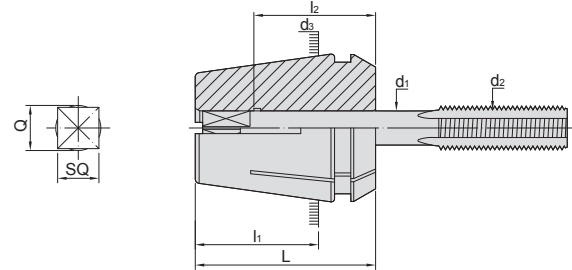
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ER 鋼性攻牙筒夾

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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"	



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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						

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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"							

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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"							

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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"							

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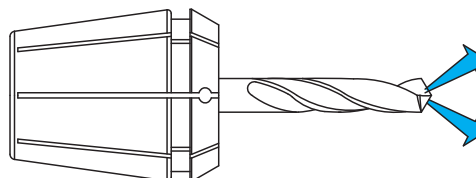
ER 止水筒夾



- 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.

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



STRAIGHT SHANK COLLET FOR MLD MILLING CHUCK

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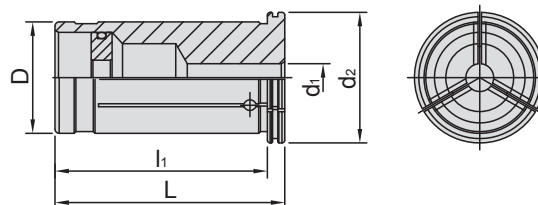
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SYIC-19460

直式止水筒夾



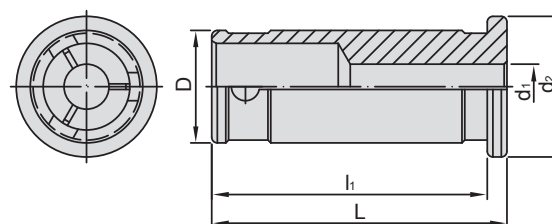
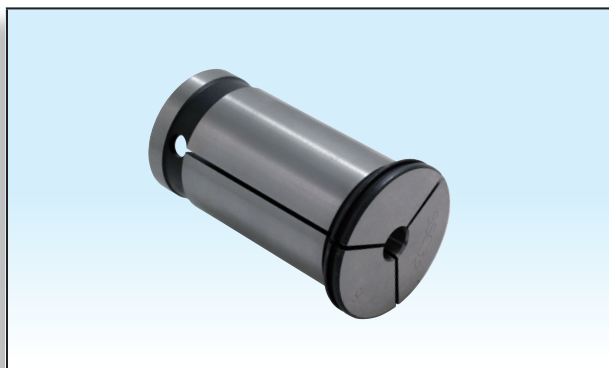
MODEL NO.	TYPE	D	d ₁	d ₂	L	l ₁	WEIGHT (KGS)
SYIC - 19462	SSC20 - C	20	3, 4, 5, 6, 8, 10, 12, 16	25	52.9	49.4	0.1
SYIC - 19464	SSC25 - C	25	3, 4, 5, 6, 8, 10, 12, 16, 20	30.5	52.5	48.5	0.2
SYIC - 19466	SSC32 - C	32	3, 4, 5, 6, 8, 10, 12, 16, 20, 25	37.5	66	61	0.3
SYIC - 19468	SSC42 - C	42	3, 4, 5, 6, 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/MLT MILLING CHUCK

SYIC-84120

直式彈性筒夾



- Can order straight shank collet alone.
- Suitable for any Milling Chuck designed by upright cylinder.

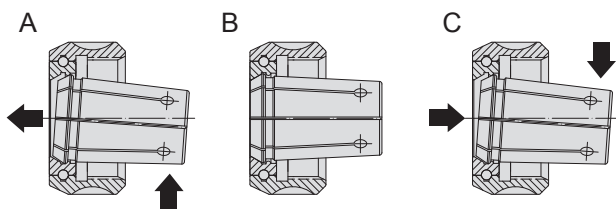
MODEL NO.	TYPE	D	d ₁	d ₂	L	l ₁	WEIGHT (KGS)
SYIC - 84120	SSC20	20	6, 8, 10, 12, 16	25	52.5	49	0.1
SYIC - 84126	SSC3/4"	3/4"	1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8",				
SYIC - 84121	SSC25	25	3, 4, 5, 6, 8, 10, 12, 16	31	60	55	0.3
SYIC - 84122	SSC32	32	6, 8, 10, 12, 16, 20, 25	37.5	64.6	59.6	0.3
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"				
SYIC - 84124	SSC42	42	6, 8, 10, 12, 16, 20, 25, 32	47	75	69	0.6

d ₁ TEST BAR DIAMETER MIN. MAX.		L	ROUND 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 test.

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.)

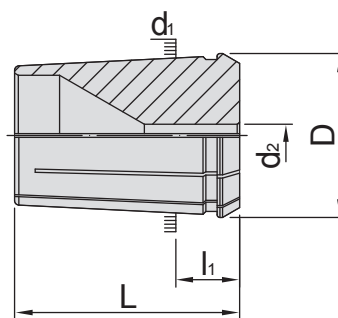
C.Loosen the nut from the body, then take out the end mill. Toward the arrow direction, push slightly, then the collet can be taken out.

EOC COLLET TYPE:B

SYIC-83530

EOC B 型 彈性筒夾

DIN ISO 10897



* Can order size Increment by steps 0.5mm or imperial size as desired.

- Steel: SUJ2.
- HRC 46°.
- Increment by 0.5mm.
- With 6 slots in front and back.

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



SYOZ COLLET

BT

CAT

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ISO

BORING

SHRINK FIT

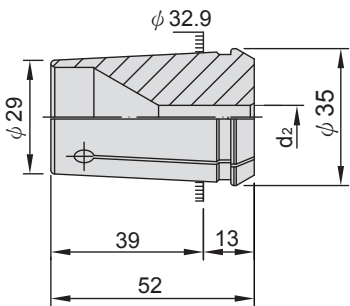
ACCESSORIES

KIT

TECHNICAL INFO.

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



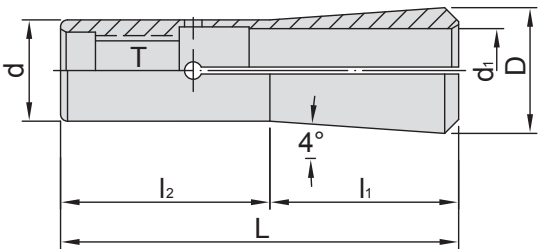
SLC COLLET

SYIC-18851

SLC 專用筒夾



T W PAT NO. M 247335



- Steel: SUJ2
- 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-84000

TG 彈性筒夾

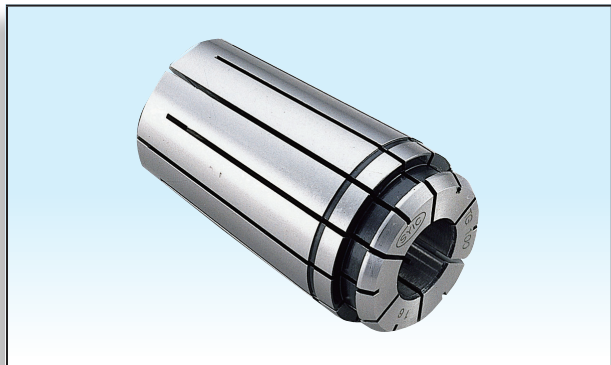


Fig.1

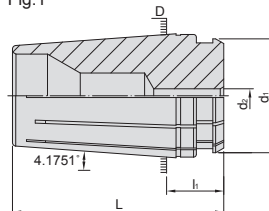
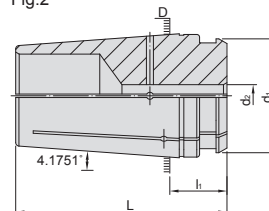


Fig.2



- Steel: S45C.
- H.R.C.: 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	2mm ~ 19mm	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 - 02	2	SYIC - 84008 - 07	7	SYIC - 84008 - 12	12	SYIC - 84008 - 17	17
SYIC - 84008 - 03	3	SYIC - 84008 - 08	8	SYIC - 84008 - 13	13	SYIC - 84008 - 18	18
SYIC - 84008 - 04	4	SYIC - 84008 - 09	9	SYIC - 84008 - 14	14	SYIC - 84008 - 19	19
SYIC - 84008 - 05	5	SYIC - 84008 - 10	10	SYIC - 84008 - 15	15		
SYIC - 84008 - 06	6	SYIC - 84008 - 11	11	SYIC - 84008 - 16	16		

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		