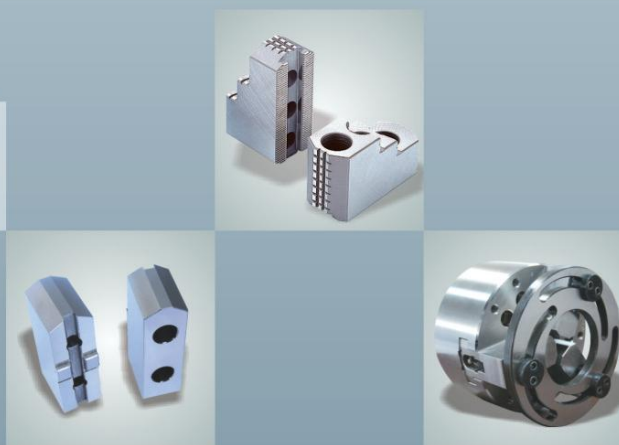
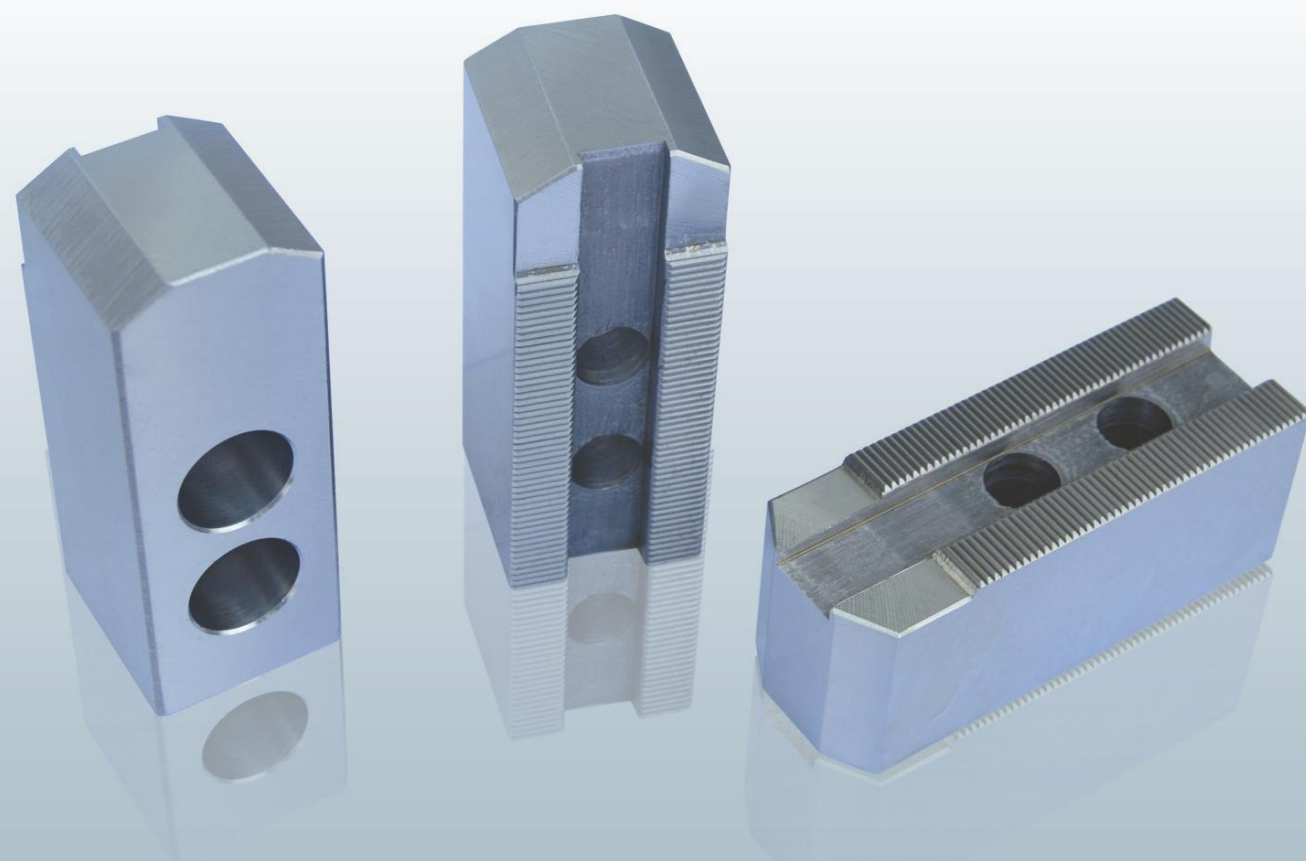
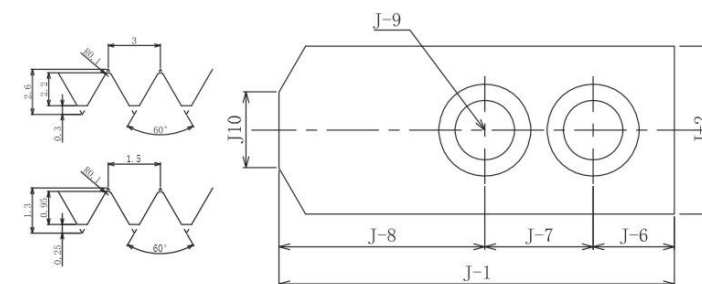
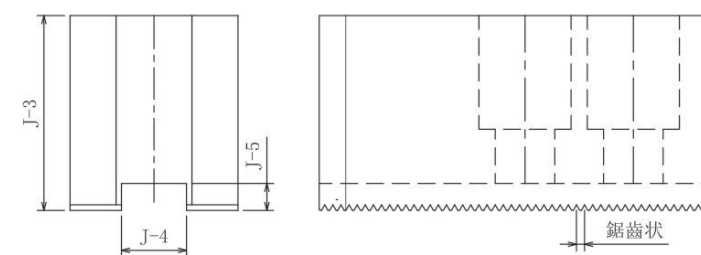
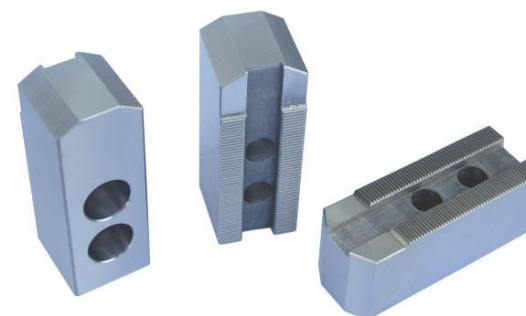


SOFT 軟爪(生爪)系列
JAWS SERIES

油壓軟爪

SOFT JAWS FOR HYDRAULIC CHUCKS



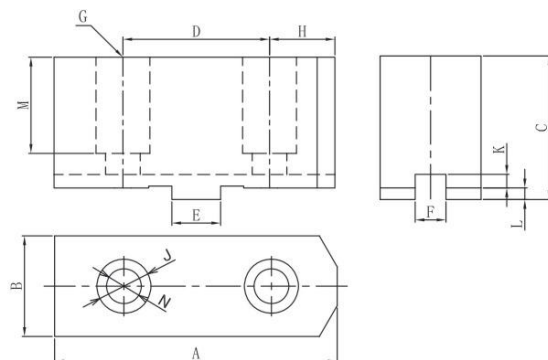
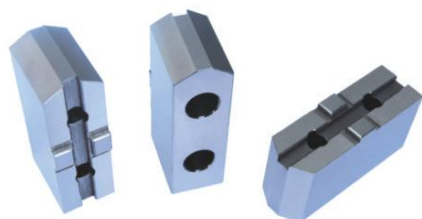
規格 / Specification

規格/尺寸 SPEC/SIZE	長 Length J-1	寬 Width J-2	高 Height J-3	鍵槽寬 Slot width J-4	鍵槽深 Slot depth J-5	J-6	中心孔距 Hole center distance J-7	J-8	螺絲 Screw J-9	J-10	齒距 Serration pitch	淨重 N.W.(KG)
SC-04	53	23	23	10	4	9	14	29	M8	3	1.5×60°	0.42
SC-05	62	25	30	10	4	10	14	38	M8	3	1.5×60°	0.85
SC-06	73	31	36	12	5	15	20	38	M10	14	1.5×60°	1.5
SC-08	95	35	38	14	5	24	25	46	M12	16	1.5×60°	2.4
SC-10	110	40	42	16	5	30	30	50	M12	18	1.5×60°	3.6
SC-12-21	129	50	50	21	6	39	30	60	M16	23	1.5×60°	6.1
SC-12-18	129	50	50	18	6	39	30	60	M14	23	1.5×60°	6.2
SC-15(18)-22	165	62	62	22	8	37	43	85	M20	25	1.5×60° 3.0×60°	12.5
SC-15(18)-25.5	165	62	62	25.5	6	37	43	85	M20	25	1.5×60° 3.0×60°	12.5
SC-15(18)-26	156	64	70	26	9	34	50	72	M20	25	3.0×60°	13.4
SC-21(24)	180	65	70	25	9	40	60	80	M20		3.0×60°	16.2
SC-32	210	74	90	25	9	40	80	90	M20		3.0×60°	29.2
SC-40	270	85	110	30	4		76.2		M24			
SC-50	270	85	110	30	4		76.2		M24			
SC-63	270	110	110	30	4		76.2		M24			
SC-79	270	110	110	30	4		76.2		M24			

注: 12寸(含)以內卡爪標準齒距1.5×60°, 如需3.0×60° 請備註說明。非標可定做。

Remark: the serration pitch 1.5×60° should be standard if the jaws is not bigger than 12", please specify in case specially required.
Customized spec can be made.

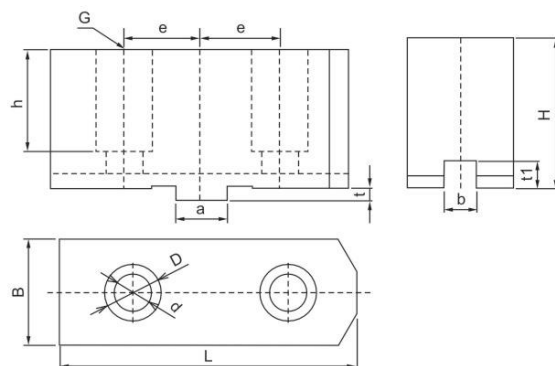
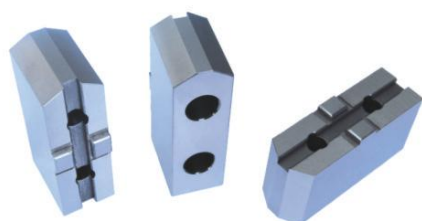
日標強力生爪 SOFT JAWS FOR SCROLL CHUCK



規格 / Specification

SPEC. MODEL	長 Length A	寬 Width B	高 Height C	D	E	F	G	H	J	K	L	M	N	毛重 G.W.(KG)
CP-04	52	19	30	24	9.53	7.94	M6x1.0P	14	11	3	2.5	21	7	0.45
CP-05	62	24	35	32	12.68	7.94	M8x1.25P	15	14	3.5	3	24	9	0.9
CP-06	73	26	37	38.1	12.68	7.94	M8x1.25P	17	14	3.5	3	25	9	1.2
CP-07(08)	95	31	48	44.45	12.68	7.94	M10x1.5P	25.3	17	3.8	3	34	11	2.65
CP-09(10)	110	37	48	53.98	19.03	12.7	M12x1.75P	28	19	4.2	3	34	13	3.8
CP-12	125	42	54	63.5	19.03	12.7	M12x1.75P	31	19	4.2	3	38	13	5.3
CP-16	160	50	70	76.2	19.03	12.7	M16x2.0P	42	25	5.5	6	48	17	11.5
CP-20	160	55	80	76.2	19.03	12.7	M20x2.5P	42	32	5.5	6	58	21	15.5
HE-2486	155	59	86	76.2	19.03	12.7	M20		32	5	6	66	21	17.2

NTH強力生爪 SOFT JAWS FOR NTH SCROLL CHUCK



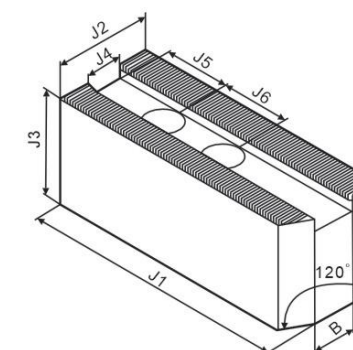
規格 / Specification

型式/規格 MODEL/SPEC	L	B	H	h	D	d	a	e	b	t	t1	G
NCP-04	52	19	30	21	11	6.5	9.53	12	7.94	2.5	5.5	M6*1.0P
NCP-05	62	24	35	24	14	9	12.68	16	7.94	3	7.2	M8*1.25P
NCP-06	73	26	37	25	17	11	12.68	19.05	7.94	3	7.2	M10*1.5P
NCP-07	95	31	48	34	17	11	12.68	22.2	7.94	3	7.2	M10*1.5P
NCP-08	95	31	48	34	17	11	12.68	22.2	7.94	3	7.2	M10*1.5P
NCP-09	110	37	48	34	17	11	12.68	22.2	7.94	3	7.2	M10*1.5P
NCP-10	110	37	48	34	19	13	19.03	27	12.7	3	7.2	M12*1.75P
NCP-12	125	42	54	38	19	13	19.03	31.75	12.7	3	7.2	M12*1.75P
NCP-14	125	42	54	38	19	13	19.03	31.75	12.7	3	7.2	M12*1.75P
NCP-16	160	50	70	48	25	17	19.03	38.1	12.7	6	11.5	M16*2.0P

注：非標可定做 Customized spec can be made.

SC06 加高油壓軟爪(生爪)

SC06 EXTRA HEIGHT SOFT JAWS



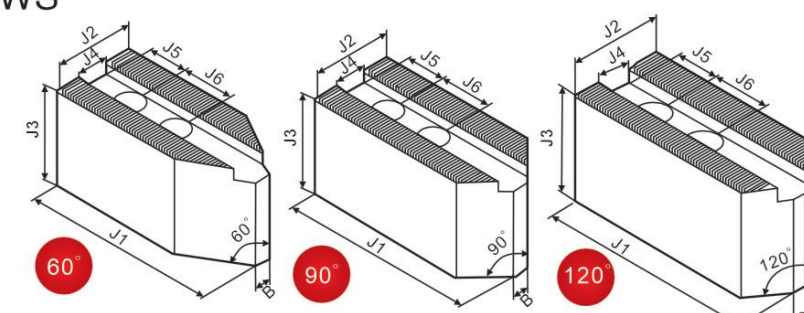
齒距: 1.5mmx60° Serration Pitch: 1.5mmx60°

單位/UNIT:mm

型號 Model	重量/Weight kg/set	螺孔 Screw	尺寸/Size (mm)						
			J1	J2	J3	J4	J5	J6	B
SC06H50	2	M10	73	31	50	12	15	20	14
SC06H60	2.6				60				
SC06H70	3				70				
SC06H80	3.4				80				
SC06H90	3.8				90				
SC06H100	4.2				100				
SC06H110	4.6				110				
SC06H120	5.0				120				
SC06H130	5.5				130				
SC06H140	6.0				140				
SC06H150	6.5				150				
SC06H160	7.0				160				
SC06H170	7.5				170				
SC06H180	8.0				180				
SC06H190	8.5				190				
SC06H200	9.0				200				

SC06 尖角油壓軟爪(生爪)

SC06 POINTED SOFT JAWS



齒距: 1.5mmx60° Serration Pitch: 1.5mmx60°

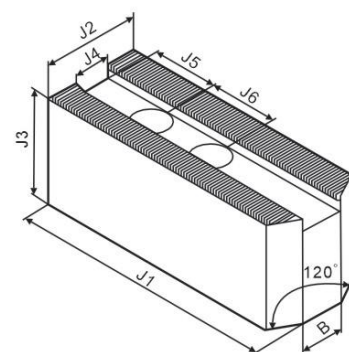
單位/UNIT:mm

型號 Model	重量/Weight kg/set	螺孔 Screw	尺寸/Size (mm)						
			J1	J2	J3	J4	J5	J6	B
SC06H36P	1.5	M10	73	31	36	12	10	20	3
SC06H50P	2				50				
SC06H60P	2.5				60				
SC06H70P	2.9				70				
SC06H80P	3.3				80				
SC06H90P	3.7				90				
SC06H100P	4				100				
SC06H110P	4.4				110				
SC06H120P	4.8				120				
SC06H130P	5.3				130				
SC06H140P	5.8				140				
SC06H150P	6.2				150				
SC06H160P	6.6				160				

注：尖角油壓軟爪有60°、90°、120°可供選擇；非標可定做。
Option for pointed soft jaws: 60/90/120 angle degree or other special requirements; Customized spec can be made.

SC08 加高油壓軟爪(生爪)

SC08 EXTRA HEIGHT SOFT JAWS

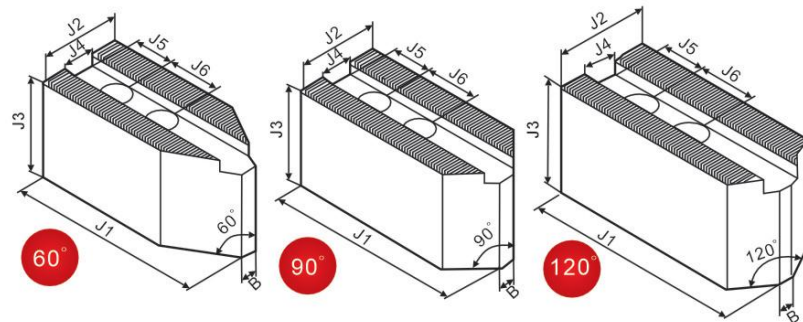
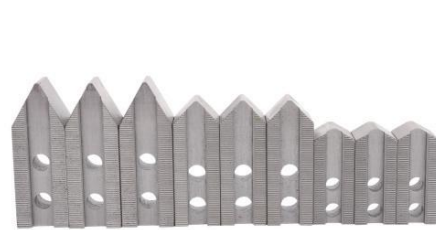


齒距: 1.5mmx60° Serration Pitch:1.5mmx60° 單位/UNIT:mm

型號 Model	重量/Weight kg/set	螺孔 Screw	尺寸/Size (mm)						
			J1	J2	J3	J4	J5	J6	B
SC08H50	3.2	M12	95	35	50	14	24	25	16
SC08H60	3.8				60				
SC08H70	4.4				70				
SC08H80	5.1				80				
SC08H90	5.8				90				
SC08H100	6.4				100				
SC08H110	7.0				110				
SC08H120	7.6				120				
SC08H130	8.2				130				
SC08H140	8.8				140				
SC08H150	9.4				150				
SC08H160	10.1				160				
SC08H170	11.7				170				
SC08H180	11.4				180				
SC08H190	12				190				
SC08H200	12.6				200				

SC08 尖角油壓軟爪(生爪)

SC08 POINTED SOFT JAWS



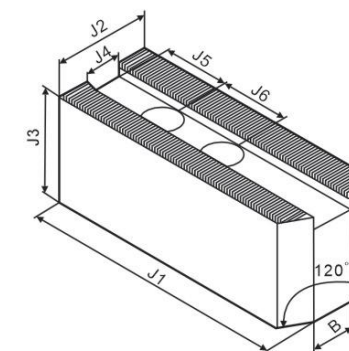
齒距: 1.5mmx60° Serration Pitch:1.5mmx60° 單位/UNIT:mm

型號 Model	重量/Weight kg/set	螺孔 Screw	尺寸/Size (mm)						
			J1	J2	J3	J4	J5	J6	B
SC08H38P	2.5	M12	95	35	38	14	15	25	3
SC08H50P	3.2				50				
SC08H60P	3.8				60				
SC08H70P	4.4				70				
SC08H80P	5.1				80				
SC08H90P	5.8				90				
SC08H100P	6.4				100				

注: 尖角油壓軟爪有60°、90°、120°可供選擇; 非標可定做。
Option for pointed soft jaws: 60/90/120 angle degree or other special requirements; Customized spec can be made.

SC10 加高油壓軟爪(生爪)

SC10 EXTRA HEIGHT SOFT JAWS

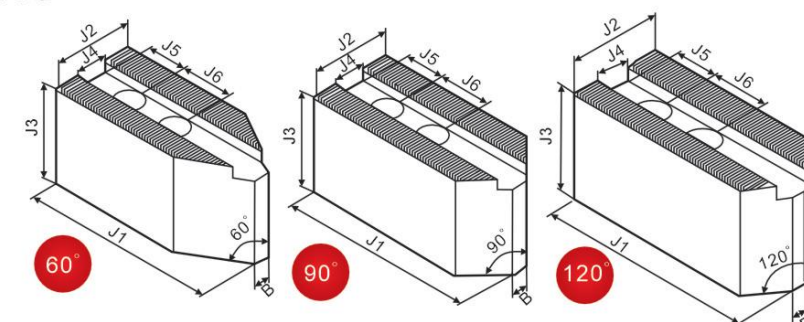
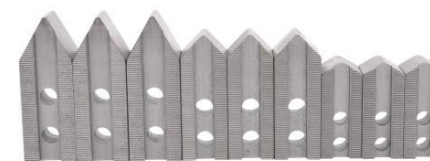


齒距: 1.5mmx60° Serration Pitch:1.5mmx60° 單位/UNIT:mm

型號 Model	重量/Weight kg/set	螺孔 Screw	尺寸/Size (mm)						
			J1	J2	J3	J4	J5	J6	B
SC10H50	4.2	M12	110	40	50	16	30	30	18
SC10H60	5.3				60				
SC10H70	6.1				70				
SC10H80	7.1				80				
SC10H90	8				90				
SC10H100	8.8				100				
SC10H110	9.5				110				
SC10H120	10.5				120				
SC10H130	11.1				130				
SC10H140	12.2				140				
SC10H150	13.0				150				
SC10H160	14.0				160				
SC10H170	14.8				170				
SC10H180	15.8				180				
SC10H190	16.6				190				
SC10H200	17.5				200				

SC10 尖角油壓軟爪(生爪)

SC10 POINTED SOFT JAWS



齒距: 1.5mmx60° Serration Pitch:1.5mmx60° 單位/UNIT:mm

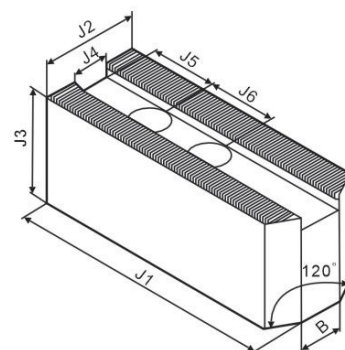
型號 Model	重量/Weight kg/set	螺孔 Screw	尺寸/Size (mm)						
			J1	J2	J3	J4	J5	J6	B
SC10H42P	3.7	M12	110	40	42	16	20	30	3
SC10H50P	4.2				50				
SC10H60P	5.1				60				
SC10H70P	6.1				70				
SC10H80P	6.9				80				
SC10H90P	7.7				90				
SC10H100P	8.5				100				

注: 尖角油壓軟爪有60°、90°、120°可供選擇; 非標可定做。
Option for pointed soft jaws: 60/90/120 angle degree or other special requirements; Customized spec can be made.

SC12 加高油壓軟爪(生爪)

SC12 EXTRA HEIGHT SOFT JAWS

FOR NON THROUGH CHUCK



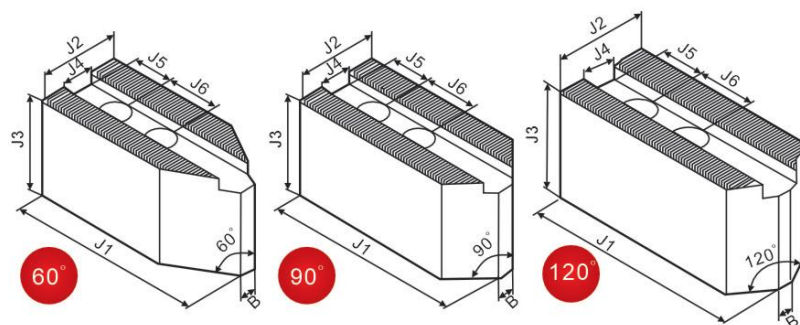
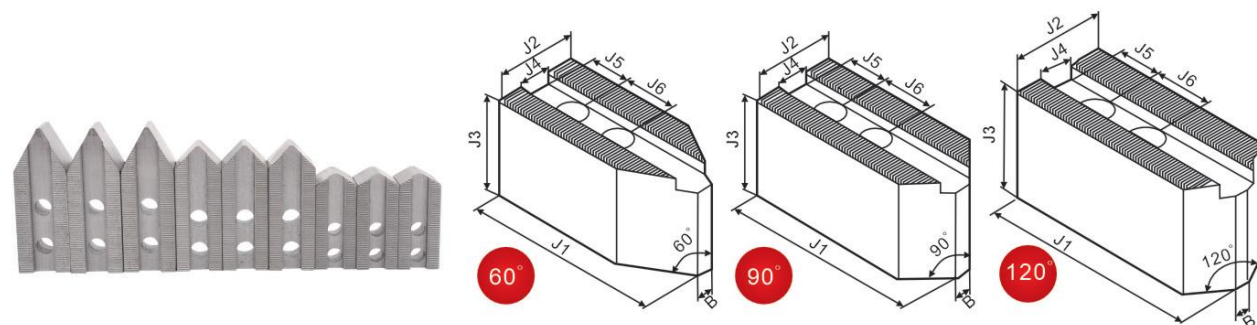
齒距: 1.5mmx60° Serration Pitch:1.5mmx60° 單位/UNIT:mm

型號 Model	重量/Weight kg/set	螺孔 Screw	尺寸/Size (mm)						
			J1	J2	J3	J4	J5	J6	B
SC12H60N	7.8	M14	129	50	60	18	39	30	20
SC12H70N	9.1				70				
SC12H80N	10.5				80				
SC12H90N	11.6				90				
SC12H100N	12.9				100				
SC12H110N	14.2				110				
SC12H120N	15.6				120				
SC12H130N	17.0				130				

SC12 尖角油壓軟爪(生爪)

SC12 POINTED SOFT JAWS

FOR NON THROUGH CHUCK



齒距: 1.5mmx60° Serration Pitch:1.5mmx60° 單位/UNIT:mm

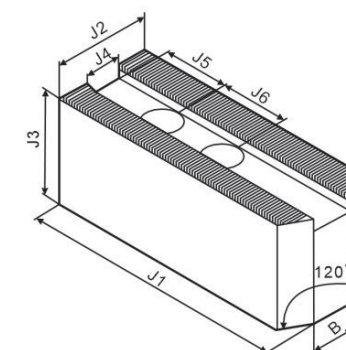
型號 Model	重量/Weight kg/set	螺孔 Screw	尺寸/Size (mm)						
			J1	J2	J3	J4	J5	J6	B
SC12H50NP	6.3	M14	129	50	50	18	25	30	6
SC12H60NP	7.5				60				
SC12H70NP	8.8				70				
SC12H80NP	10.1				80				
SC12H90NP	11.5				90				

注: 尖角油壓軟爪有60°、90°、120°可供選擇; 非標可定做。
Option for pointed soft jaws: 60/90/120 angle degree or other special requirements; Customized spec can be made.

SC12 加高油壓軟爪(生爪)

SC12 EXTRA HEIGHT SOFT JAWS

FOR THROUGH HOLE CHUCK



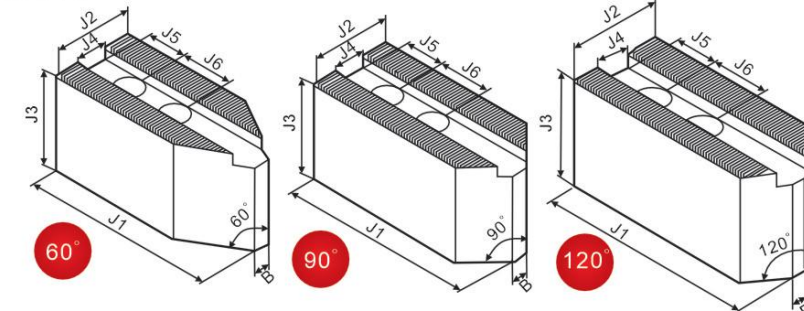
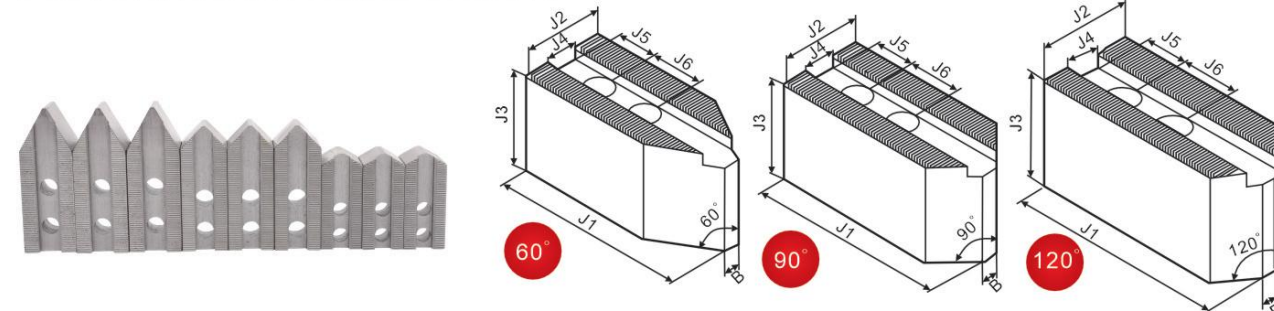
齒距: 1.5mmx60° Serration Pitch:1.5mmx60° 單位/UNIT:mm

型號 Model	重量/Weight kg/set	螺孔 Screw	尺寸/Size (mm)						
			J1	J2	J3	J4	J5	J6	B
SC12H60	7.5	M16	129	50	60	21	39	30	23
SC12H70	8.7				70				
SC12H80	10				80				
SC12H90	11.2				90				
SC12H100	12.5				100				
SC12H110	13.8				110				
SC12H120	15.2				120				
SC12H130	16.5				130				

SC12 尖角油壓軟爪(生爪)

SC12 POINTED SOFT JAWS

FOR THROUGH HOLE CHUCK



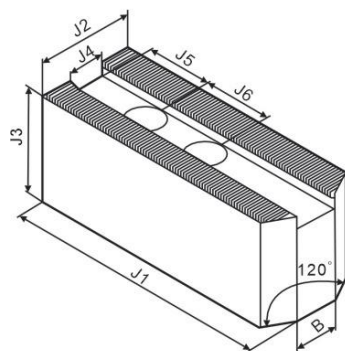
齒距: 1.5mmx60° Serration Pitch:1.5mmx60° 單位/UNIT:mm

型號 Model	重量/Weight kg/set	螺孔 Screw	尺寸/Size (mm)						
			J1	J2	J3	J4	J5	J6	B
SC12H50P	6.0	M16	129	50	50	21	25	30	6
SC12H60P	7.2				60				
SC12H70P	8.4				70				
SC12H80P	9.5				80				
SC12H90P	11.0				90				

注: 尖角油壓軟爪有60°、90°、120°可供選擇; 非標可定做。
Option for pointed soft jaws: 60/90/120 angle degree or other special requirements; Customized spec can be made.

SC15 加高油壓軟爪(生爪)

SC15 EXTRA HEIGHT SOFT JAWS



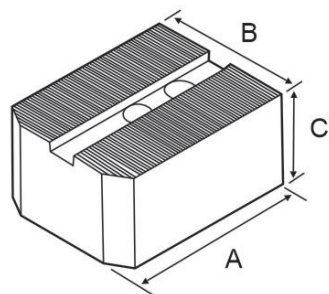
齒距: 1.5mmx60° Serration Pitch: 1.5mmx60°

型號 Model	重量/Weight kg/set	螺孔 Screw	尺寸/Size (mm)							單位/UNIT:mm
			J1	J2	J3	J4	J5	J6	B	
SC15H80	16.1	M20	165	62	80	22 (25.5)	37	43	25	
SC15H90	18.2				90					
SC15H100	20				100					
SC15H110	22.3				110					
SC15H120	25.0				120					
SC15H130	26.8				130					
SC15H140	28.5				140					
SC15H150	30				150					

注: 非標可定做 Customized spec can be made.

加寬軟爪

EXTRA-WIDTH SOFT JAWS



型号/规格 Model/Spec	长 Length A	宽 Weight B	高 Height C	齿距 Serration
SC0603048	73	48	30	1.5*60°
SC0603060	73	60	30	1.5*60°
SC0603080	73	80	30	1.5*60°
SC0604848	73	48	48	1.5*60°
SC0604863	73	63	48	1.5*60°
SC0606060	73	60	60	1.5*60°
SC0803648	95	48	36	1.5*60°
SC0803663	95	63	36	1.5*60°
SC0803680	95	80	36	1.5*60°
SC0804848	95	48	48	1.5*60°
SC0804873	95	73	48	1.5*60°
SC0804890	95	90	48	1.5*60°
SC0806363	95	63	63	1.5*60°
SC0807373	95	73	73	1.5*60°
SC0808383	95	83	83	1.5*60°
SC1004263	110	63	42	1.5*60°
SC10042100	110	100	42	1.5*60°
SC1004873	110	73	48	1.5*60°
SC1006363	110	63	63	1.5*60°
SC1007373	110	73	73	1.5*60°
SC1008383	110	83	83	1.5*60°

注: 非標可定做 Customized spec can be made.

前端嵌入式塑鋼軟爪

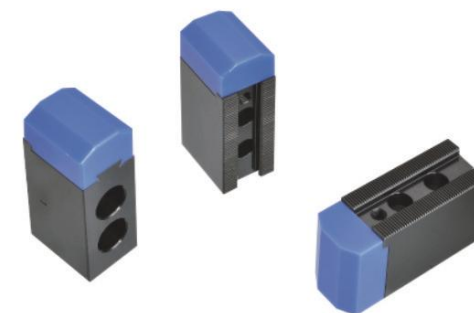
POM HEAD SOFT JAWS FOR HYDRAULIC CHUCK

- ◎ 襯頭與油壓生爪嵌入式緊配結合，多面拘束，可提升夾持工件的穩定性及保護工件表面。
(此襯頭採用固定式緊配結合，不做替換)

The POM/MC head is tight fit with steel parts, can't be changed, it can improve the gripping stability and protect the work piece surface.



▶ 尖型軟質油壓生爪 Pointed Type



▶ 標準軟質油壓生爪 Standard Type

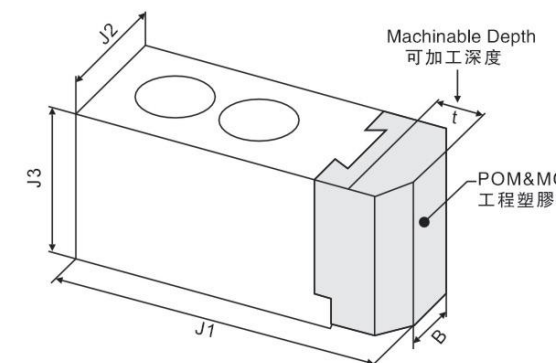
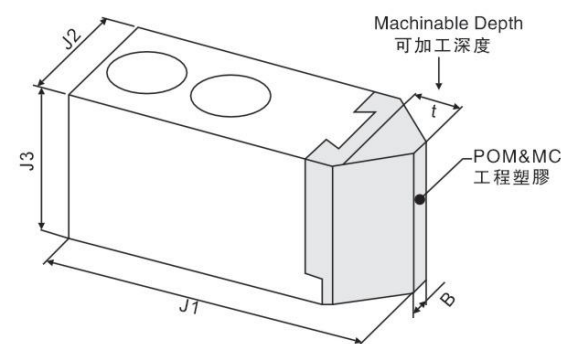
規格/型號 Model	尺寸/Size (mm)						角度 Angle	材質 Material	
	J1	J2	J3	B	t			MC尼龍/Nylon	POM塑鋼
SN-06	73	31	37	14	8		120	V	
SPOM-06	73	31	37	14	8		120		V
SN06P90	73	31	37	5	8		90	V	
SPOM06P90	73	31	37	5	8		90		V
SN-08	95	35	38	16	13		120	V	
SPOM-08	95	35	38	16	13		120		V
SN08P90	95	35	38	5	13		90	V	
SPOM08P90	95	35	38	5	13		90		V
SN-10	110	40	42	18	18		120	V	
SPOM-10	110	40	42	18	18		120		V
SN10P910	110	40	42	5	18		90	V	
SPOM10P90	110	40	42	5	18		90		V

注 (Remarks): 1. 需訂做, 可非標定制。

it's made for customized order

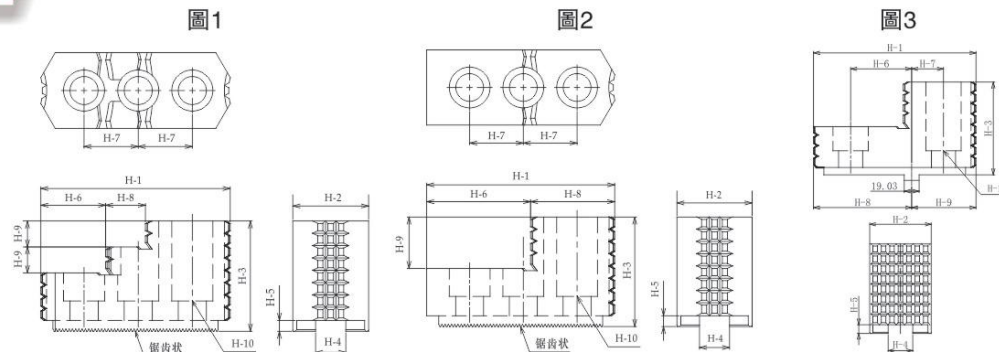
2. 軟質的材質可分為1. MC尼龍 2. POM塑鋼

The available material is MC nylon and POM



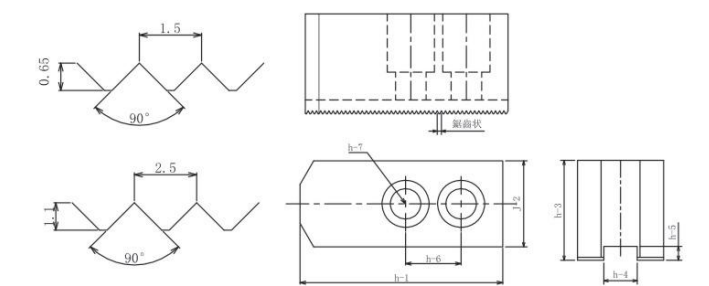
油壓硬爪

HARD JAWS FOR HYDRAULIC CHUCK



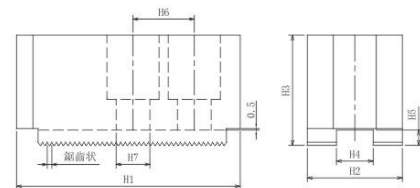
SPEC. MODEL	H-1	H-2	H-3	H-4	H-5	H-6	H-7	H-8	H-9	H-10	Serration Pitch	Gross Weight(kg)	參考圖 Ref
HJ-05	53	23	28	10	4	30.5	14	22.5	10	M8	1.5×60°	0.4	圖2 Fig2
HJ-06	67	31	36	12	5	39	20	28	12	M10	1.5×60°	0.95	
HJ-06-3	67	31	49	12	5	18	20	19	12	M10	1.5×60°	1	圖1 Fig1
HJ-08	86	35	51	14	5	31	25	18	12	M12	1.5×60°	1.95	
HJ-10	100	40	54	16	5	43	30	17	14	M12	1.5×60°	2.85	圖2 Fig2
HJ-12	103	50	52	21(18)	5	69.5	30	43.5	20	M16(M14)	1.5×60°	3.9	
HJ-12-3	103	50	66	21(18)	5	36	30	32	15	M16(M14)	1.5×60°	4.2	圖1 Fig1
HJ-15(18)	149	62	86	22(25.5)	(8)5	55	43	38	20	M20	1.5×60°	9.45	
HJ-15-1	149	62	86	26	8	55	43	38	20	M20	3.0×60°	9.45	圖2 Fig2
HJ-24(21)	159.5	80	90	25	9	104.5	50	55	40	M20	3.0×60°	14.3	
HJ-32	159.5	80	90	25	9	104.5	50	55	40	M20	3.0×60°	14.3	圖3 Fig3
HJ-40(50)	223	85	117	30	7	76.2	38.1	140	83	M24			
HJ-63(79)	223	110	117	30	7	76.2	38.1	140	83	M24			

K51卡盤軟爪



規格/尺寸 SPEC/SIZE	長 Length h-1	寬 Width h-2	高 Height h-3	鍵槽寬 Slot width h-4	鍵槽深 Slot depth h-5	中心孔距 Hole center distance h-6	螺絲 Screw h-7	齒距裝飾距 Serration pitch
CH-06(160)	62	35	38	11	4.5	20	M10	1.5×90°
CH-08(200)	80	40	45	13	4.5	24	M12	1.5×90°
CH-10(250)	100	45	52	15	4.5	28	M12	1.5×90°
CH-12(320)	115	50	62	18	4.5	32	M16	2.5×90°
CH-15(400)	140	50	75	20	6	45	M16	2.5×90°
CH-20(500)	160	55	85	22	6	50	M16	2.5×90°
CH-24(630)	190	60	100	26	6	55	M20	2.5×90°

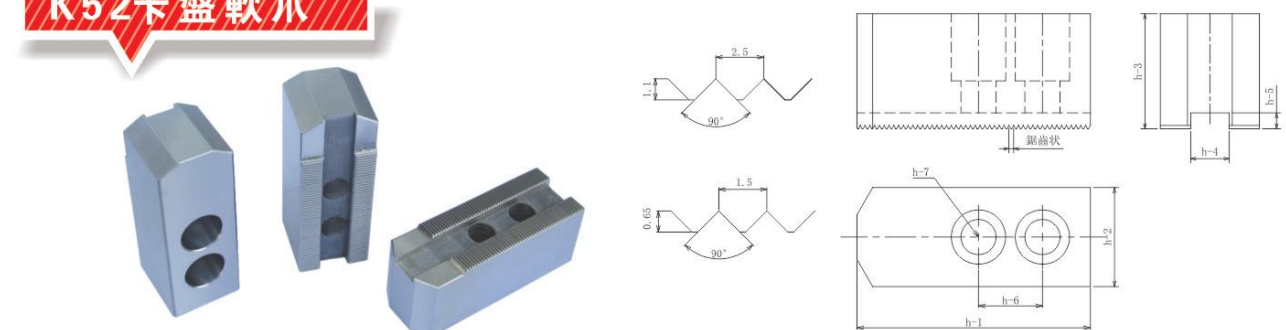
CT卡盤軟爪



注：非標可定做 Customized spec can be made.

規格D size	H ₁	H ₂	H ₃	H ₄	H ₅	齒距裝飾距 Serration pitch	H ₆	H ₇
200	85	40	45	16	4	1/16"×90°	24	2-13
320	118	50	62	21	4	3/32"×90°	32	2-17
400	140	50	75	22	5.5	3/32"×90°	45	2-17
500	160	75	75	26	5.5	3/32"×90°	38	2-22
630	160	75	75	26	5.5	3/32"×90°	38	2-22
800	160	75	75	26	5.5	3/32"×90°	38	2-22
1000	200	85	110	30	9	-	100	2-26
1250	200	85	110	30	9	-	100	2-26

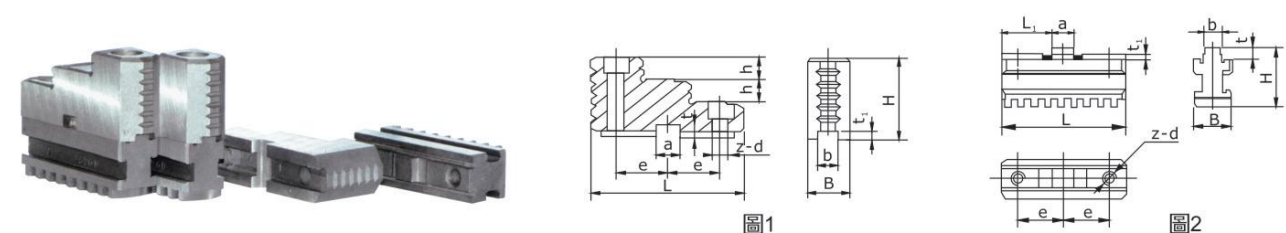
K52卡盤軟爪



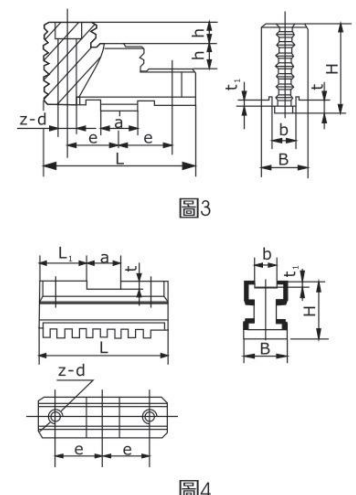
規格/尺寸 MODELS/DIMENSION	長 Length h-1	寬 Width h-2	高 Height h-3	鍵槽寬 Slot width h-4	鍵槽深 Slot depth h-5	中心孔距 Hole center distance h-6	螺絲 Screw h-7	齒距裝飾距 Serration pitch
CH-125	56	25	32	11	3.5	16	M8	1.5×90°
CH-160	70	35	42	13	4	20	M10	1.5×90°
CH-200	82	40	46	16	4	24	M12	1.5×90°
CH-250	95	45	50	17	4	28	M12	1.5×90°
CH-315	118	50	62	21	4	32	M16	2.5×90°
CH-400	148	55	72	22	5	45	M16	2.5×90°

三爪自定心卡盤卡爪

HARD JAWS FOR SCROLL CHUCK



C型分離爪Two-Piece Jaws for Form C



規格 Size	L	B	H	h	a	b	e	t	t ₁	z-d	參考圖
200	88	22	44	12	13	11	28	7	3	2-9	圖1
240	108	27	46	12	13	13	35	7	3	2-11	圖1
250	108	27	46	12	13	13	35	7	3	2-11	圖1

規格 Size	L	L ₁	B	H	a	b	e	t	t ₁	Z-d	參考圖
200	76	31.5	22	36	13	11	28	6	2	2-M8	圖2
240	95	41	27	39	13	13	35	6	2	2-M10	圖2
250	95	41	27	39	13	13	35	6	2	2-M10	圖2

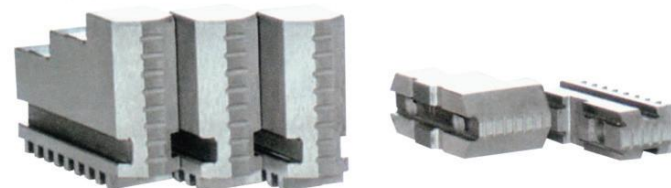
規格 Size	L	B	H	h	a	b	e	t	t ₁	z-d	參考圖
320	127	36	59.5	17	28	15	44	7.5	2.8	2-13	圖3
325	127	36	59.5	17	28	15	44	7.5	2.8	2-13	圖3
380	127	36	59.5	17	28	15	44	7.5	2.8	2-13	圖3

規格 Size	L	L ₁	B	H	a	b	e	t	t ₁	z-d	參考圖
320	114	43	36	40	28	15	44	8.5	3.5	2-M12	圖4
325	114	43	36	40	28	15	44	8.5	3.5	2-M12	圖4
380	114	43	36	40	28	15	44	8.5	3.5	2-M12	圖4

※包括頂爪和基爪 The jaws are composed of top jaws and master jaws.

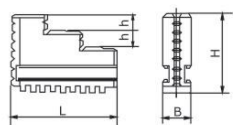
三爪自定心卡盤卡爪

HARD JAWS FOR SCROLL CHUCK



- ◎ 卡爪分為：整體爪，及各種分離爪。
- ◎ 可按用戶要求 提供各型硬卡爪。
- ◎ Hard jaws include one-piece jaws and two-piece jaws
- ◎ All kinds of hard jaws can be provided as the request of customers.

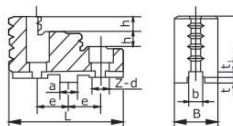
整體爪One-Piece Jaws



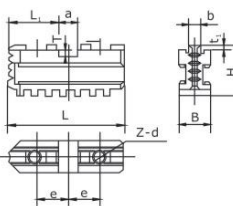
規格 Size	80	100	125	130	160	165	190	200	240	250	315 320 325 380
L	32	42	56	56	70	70	72	85	105	105	130
B	12	15	16	16	18.5	18.5	22	22	27	27	36
H	33	38	45	45	54	54	57	61	69	69	91
h	6.5	7	9	9	12	12	12	12	12	12	18

- ◎ 包括正爪、反爪各一副
- ◎ The chuck with one-piece jaws is provided with each set of internal and external ones.

A型、D型分離爪Two-Piece Jaws for Form A, D



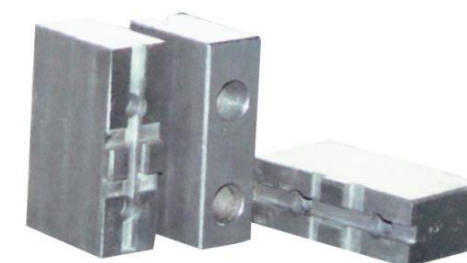
規格 Size	160	200	250	315	325	380	400	500	630
L	67	80	95	108	108	130	130	132	132
B	25	30	36	45	45	45	45	45	54
H	41	45	53	61	61	70	70	82	82
h	9	10.5	13.5	17.5	17.5	17	17	22	22
a	12.675	12.675	19.025	19.025	19.025	19.025	19.025	19.025	19.025
b	7.94	7.94	12.7	12.7	12.7	12.7	12.7	12.7	12.7
e	19	22.2	27	31.75	31.75	38.1	38.1	38.1	38.1
t	3	3	3	3	3	6	6	6	6
t ₁	4	4	4	4	4	4	4	4	4
z-d	2-11	2-11	2-13	2-13	2-13	2-18	2-18	2-22	2-22



規格 Size	160	200	250	315	325	380	400	500	630
L	64	80	98	110	110	114	114	152	210
L1	29	34.9	39.7	47.6	47.6	47.5	47.5	47.4	59
B	20	22	27	36	36	36	36	45	50
H	33	35	38	42	42	46	46	55	60
a	12.675	12.675	19.025	19.025	19.025	19.025	19.025	19.025	19.025
b	7.94	7.94	12.7	12.7	12.7	12.7	12.7	12.7	12.7
e	19	22.2	27	31.75	31.75	38.1	38.1	38.1	38.1
t	4	4.2	4.2	4.2	4.2	7	7	7	7
t ₁	3	3	3	3	3	3	3	3	3
z-d	2-M10	2-M10	2-M12	3-M12	3-M12	3-M16	3-M16	3-M16	4-M20

- ◎ 包括頂爪和基爪兩部分。規格 為325、380的A型分離爪和所有規格的D型分離爪，基爪不帶夾持弧。
- ◎ The jaws are composed of top jaws and master jaws. Master jaws for form A size 325,380 and form D without clamping arc.

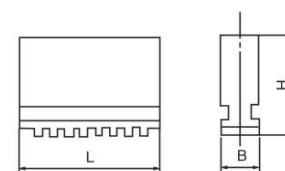
RZ軟卡爪



- ◎ K11、K10、K12系列卡盤可按用戶要求提供各種軟卡爪。
- ◎ 軟卡爪包括：整體軟爪和分離軟爪（C型、A型）。

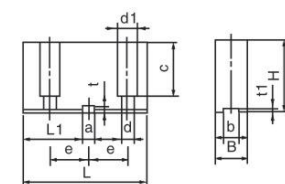
- ◎ All kinds of soft jaws can be provided as the request of customers for K11, K10, K12 series chucks.
- ◎ Soft jaws include one-piece soft jaws and two-piece soft jaws (form C, A).

整體軟爪 One-piece soft jaws

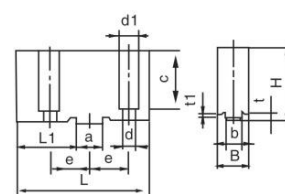


整號規格 Model	RZ1180	RZ11100	RZ11125	RZ11130	RZ11160	RZ11165	RZ11190	RZ11200	RZ11240	RZ11250	RZ11315 RZ11320	RZ11325 RZ11380
L	32	42	56	56	70	70	72	85	105	105	130	130
B	12	15	16	16	18.5	18.5	22	22	27	27	36	36
H	32	38	45	45	54	54	57	61	69	69	91	91

軟頂爪（C型） Soft top jaws (Type C)

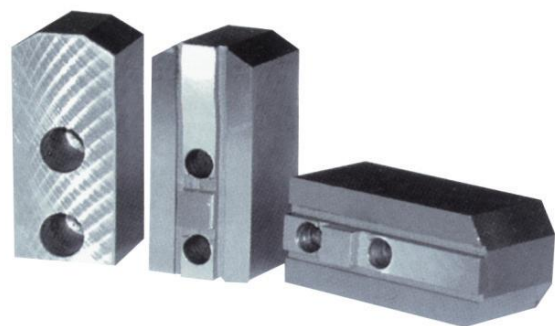


整號規格 Model	L	L1	B	H	a	b	e	t	t1	c	d	d1
RZ11200C	93	46	25	50	13	11	28	7	3	39	9	15
RZ11240C	113	58	27	58	13	13	35	7	3	48	11	17
RZ11250C	113	58	27	58	13	13	35	7	3	48	11	17



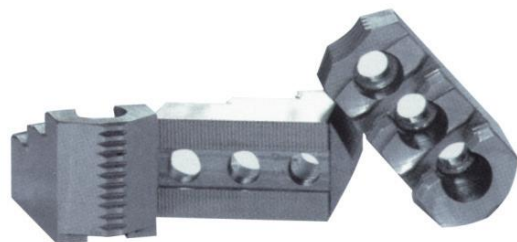
整號規格 Model	L	L1	B	H	a	b	e	t	t1	c	d	d1
RZ11320C	137	64	36	75	28	15	44	7.5	2.8	60.5	13	20
RZ11325C	137	64	36	75	28	15	44	7.5	2.8	60.5	13	20
RZ11380C	137	64	36	75	28	15	44	7.5	2.8	60.5	13	20

K52, K54, K55系列卡盤卡爪



- ◎ Form A: Matched with hard top jaws with serrations.
- ◎ Form B: Matched with soft top jaws with cross tenon.

- ◎ A型：卡盘配带梳齿型硬卡爪。
- ◎ B型：卡盘配带十字键型软卡爪。



K52A

規格D Size	L	B	H	b	e	t	t ₁	s	h	z-d
160	70	35	42	13	20	4.5	4	1.5×90°	10	3-11
200	82	40	48	16	24	4.5	4	1.5×90°	11	3-13
250	95	45	50	17	28	4.5	4	1.5×90°	12	3-13
315	114	50	62	21	32	4.5	4		15	3-17
400	148	55	72	22	45	5.5	5		18	3-17

K54A, K55A, K55A-IV

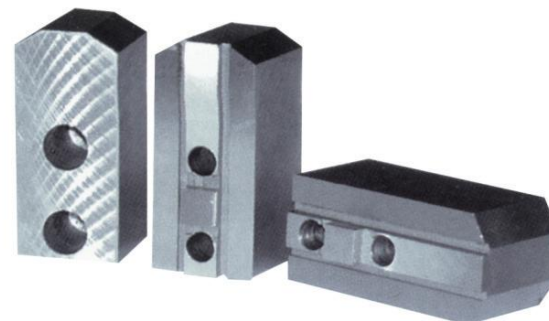
規格D Size	L	B	H	b	e	t	t ₁	s	h	z-d
125	56	23	32	11	16	4	3.5	1.5×90°	7.5	3-9
160	68	30	42	13	20	4.5	4	1.5×90°	10	3-11
200	84	36	48	16	24	4.5	4	1.5×90°	11	3-13
250	90	40	50	17	28	4.5	4	1.5×90°	12	3-13
315	112	50	62	21	32	4.5	4		15	3-17

K52B, K55B

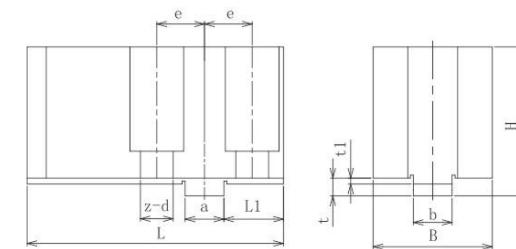
規格D Size	L	B	H	a	b	e	t	t ₁	L ₁	z-d
160	74	35	45	12	12	12.5	3	4	44	2-11
200	90	40	49	12	15	15	3	4	54.5	2-13
250	115	45	53	15	15	20	3	4	70.5	2-13
315	145	50	65	15	20	24	3	4	95	2-17
400	180	55	75	20	20	30	3	4	120	2-17

K51T, K51, K51F楔式動力卡盤卡爪

WEDGE TYPE POWER CHUCK JAWS



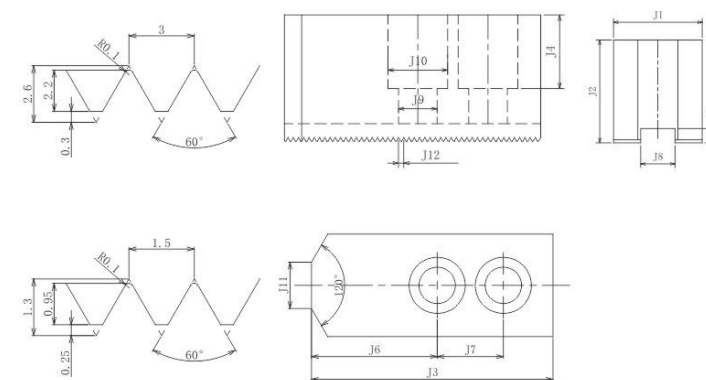
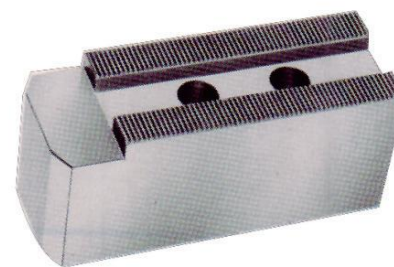
- ◎ 夾持弧面按工件要求可隨機配車或配磨。
- ◎ 連接剛性強，夾持精度高。
- ◎ 夾持直徑的調整主要靠更換卡爪實現，尤其適用於加工大批量零件。



規格 Spec	L	L1	B	H	a	b	e	t	t1	z-d
160	70	18	35	42	11	11	14	5	1.5	2-9
200	86	20	40	50	13	13	16	6	2	2-11
250	105	25	45	58	15	15	20	7	2.5	2-13
320	130	28	50	69	18	18	22.5	8	3	2-15
400	160	40	50	80	20	20	30	9	3.5	2-17
500	190	56	55	85	22	22	39	9	3.5	2-19
630	235	76	60	100	24	24	50	10	4	2-22

日系卡盤軟爪系列1

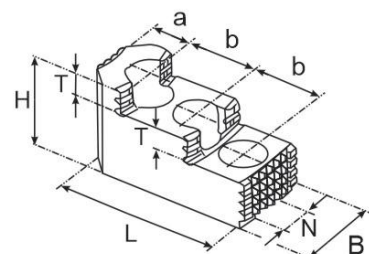
SOFT JAWS FOR JIS STANDARD



規格 Spec	J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11	J12	螺絲 Screw
6	30	34	80	26	3.5	41	25	11	9	14	10	1.5×60°	M8
8	36	40	90	27	3.5	45	25	14	13	17	20	1.5×60°	M12
10	40	40	110	31	6	50	30	16	13	19	25	1.5×60°	M12
12	50	50	130	33	6	60	30	18	15	23	30	1.5×60°	M14
15	62	62	150	43	0.5	55	50	22	22	32	-	3.0×60°	M20
18	62	62	150	43	8.5	55	50	22	22	32	-	3.0×60°	M20

德系卡盤卡爪系列

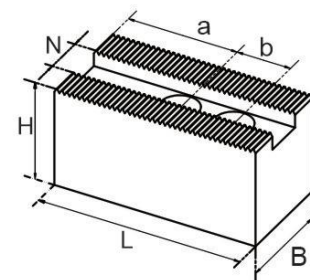
JAWS FOR DIN SERIES CHUCK



Inch serrated hard top jaws "D"

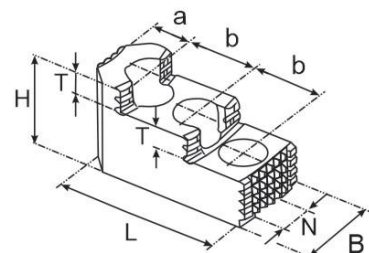
If high concentricity is required jaws have to be ground on the chuck at clamping pressure

Id.No.*	Serration inch	B mm	H mm	L mm	N mm	T mm	a mm	b mm	Mass kg/jaw
12081306	1/16"x90°	30	34	58	12	8.5	13	16	0.2
12081636	1/16"x90°	34	39	65	14	10	18	16.5	0.3
12082036	1/16"x90°	40	45	82	17	10.5	19	23	0.57
12082626	1/16"x90°	45	56	100	17	15.5	23	30	0.85
12083036	1/16"x90°	45	56	105	21	13.5	26	30	0.95
12084006	1/16"x90°	55	73	120	21	22	30	34	1.70
12085046	3/32"x90°	55	73	145	25.5	32	46	38	2.2
12084546	3/32"x90°	60	75	140	25.5	19	38	38	2.5
12086346	3/32"x90°	70	75	145	25.5	32	46	38	3



Inch serrated soft blank top jaws "D"

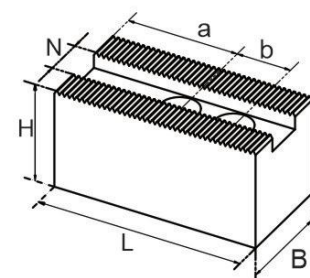
Id.No.*	Serration inch	B mm	H mm	L mm	N mm	a mm	b mm	Mass kg/jaw
12071300	1/16"x90°	30	30	60	12	29	16	0.3
12071680	1/16"x90°	30	35	70	14	38	16.5	0.42
12072130	1/16"x90°	35	40	90	17	47	23	0.85
12072620	1/16"x90°	40	45	110	17	60	30	1.23
12072500	1/16"x90°	45	45	110	21	60	30	1.25
90072500	1/16"x90°	60	60	120	25.5	64	34	2.6
12073000	1/16"x90°	50	50	125	21	73	30	1.85
12074030	1/16"x90°	60	60	140	21	81	34	3.2
12074040	3/32"x90°	60	60	140	25.5	75	38	3.2
12075050	3/32"x90°	60	60	170	25.5	105	38	3.6
12075040	3/32"x90°	75	75	160	25.5	97	38	5.5
12075140	3/32"x90°	60	60	205	25.5	104	38	4.5



Metric serrated hard top jaws "M"

If high concentricity is required jaws have to be ground on the chuck at clamping pressure

Id.No.*	Serration mm	B mm	H mm	L mm	N mm	T mm	a mm	b mm	Mass kg/jaw
12081307	1.5x60°	30	34	58	12	8.5	13	16	0.2
12081627	1.5x60°	34	39	67	12	10	14	20	0.31
12082127	1.5x60°	40	45	86	14	10.5	19	25	0.60
12082627	1.5x60°	45	56	100	16	15.5	23	30	0.85
12083037	1.5x60°	45	56	105	21	13.5	26	30	0.95
12084007	1.5x60°	55	73	120	21	22	30	34	1.70
12084047	1.5x60°	55	73	145	25.5	32	46	38	2.2
12084527	1.5x60°	60	75	140	22	19	38	38	2.5



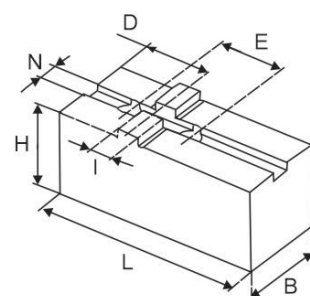
Metric serrated soft blank jaws "M"

Id.No.*	Serration inch	B mm	H mm	L mm	N mm	a mm	b mm	Mass kg/jaw
12071301	1.5x60°	30	30	60	12	29	16	0.3
12071621	1.5x60°	30	35	70	12	34	20	0.42
12072121	1.5x60°	35	40	90	14	47	25	0.85
12072621	1.5x60°	45	45	110	16	60	30	1.3
12073001	1.5x60°	50	50	125	21	73	30	1.85
12074021	1.5x60°	60	60	140	22	75	38	3.2
12074031	1.5x60°	60	60	140	21	81	34	3.2
12074041	1.5x60°	60	60	140	25.5	75	38	3.2

Tongue & groove soft blank top jaws "C"

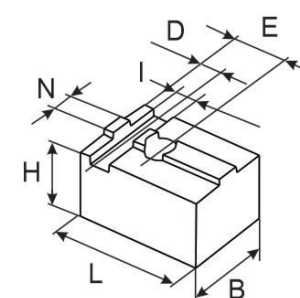
American standard tongue & groove

Id.No.*	B mm	H mm	L mm	N mm	D mm	E mm	I mm	Mass kg/jaw
12041660	30	35	80	7.94	30	38.1	12.68	0.58
12042060	40	40	100	7.94	35	44.4	12.68	0.92
12042560	50	50	120	12.70	42	54	19.03	1.25
12043060	50	50	140	12.70	50	63.5	19.03	2.15
12044050	60	60	165	12.70	60	76.2	19.03	3.6
12045050	75	75	165	12.70	60	76.2	19.03	5.5



德系卡盤T型塊系列

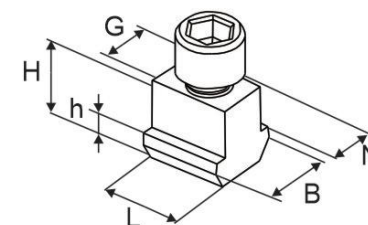
T-NUTS FOR DIN SERIES CHUCK



Tongue & groove soft blank top jaws "C"

DIN standard tongue & groove
For CL-C chucks

Id.No.*	B mm	H mm	L mm	N mm	D mm	E mm	I mm	Mass kg/jaw
90040800	30	30	38	8	8	14	8	0.18
90041000	30	30	48	8	8	20	8	0.23
90041300	35	35	57	14	27	27	16	0.40
90041600	40	40	75	18	34	34	18	0.72



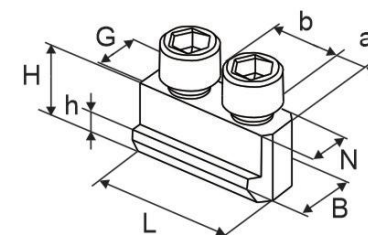
Single T-nut NST

Type 1

Id.No.*	B mm	H mm	L mm	N mm	G mm	H mm
12063000	29	25	24	21	M16	11
12064020	35	34.5	30	22*	M20	15
12065020	35	34	30	25.5	M20	15
12065082	36	34	30	25.5*	M20	15
12065002	40	40	32	25.5*	M20	15.5

*22 mm guide in the top jaw and 25.5 mm guide in the master jaw

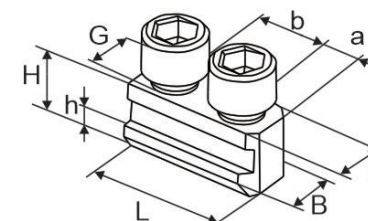
**25.5 mm guide in the top jaw and 28mm guide in the master jaw



Double T-nut NSTE

Type 2

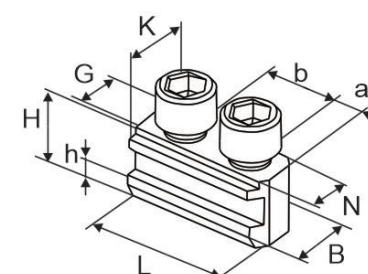
Id.No.*	B mm	H mm	L mm	N mm	G mm	a mm	b mm	h mm
12061300	17	15	30	12	M8	7	16	6.5
73064030	31	33	60	21	M16	13	34	14.5
12064520	31	33	70	22	M20	16	38	14.5



Double T-nut NSTE

Type 3

Id.No.*	B mm	H mm	L mm	N mm	G mm	a mm	b mm	h mm
12061200	15	15	32	12	M8	6.5	16	6.5
73061650	17	18.5	32	14	M10	8	16.5	6.5
73062150	19	20.5	43	17	M12	10	23	7.5
18062632	19	20.5	50	17	M12	10	30	7.5
73063050	25	26.5	56	21	M16	13	30	10
73065030	31	33	70	25.5	M20	16	38	14.5



Double T-nut NSTE-M

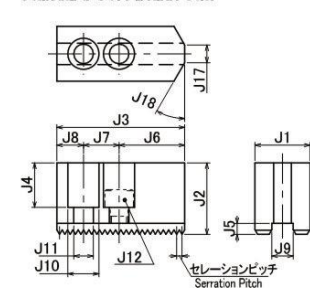
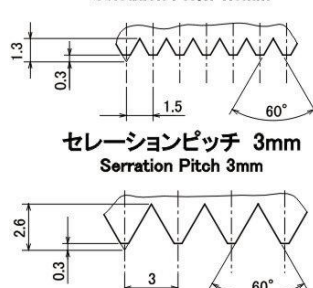
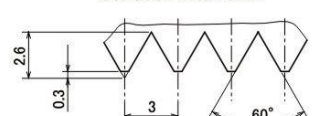
Type 4

For metric serrated master jaws to use existing kitagawa top jaws

No. Id.No.*	B mm	H mm	L mm	N mm	K mm	G mm	a mm	b mm	h mm
73061602	17	18.5	36	12	14	M10	8	20	6.5
73062101	19	20.5	45	14	17	M12	10	25	7.5
18062633	19	20.5	50	16	17	M12	10	30	7.5
73062501	25	26.5	56	16	21	M12	13	30	10

日系卡盤軟爪系列2 (S型)

SOFT JAW FOR JIS STANDARD

標準生爪
Standard Soft Blank Jawセレーションピッチ 1.5mm
Serration Pitch 1.5mmセレーションピッチ 3mm
Serration Pitch 3mm

- Standard soft blank jaws are made of carbon steel, JIS S48C (SAE 1045 OR ISO C50 is equivalent to JIS S48C)
- When ordering jaws, specify chuck model number
- When ordering jaw nuts if needed.
- Specify the following information if special jaws are necessary

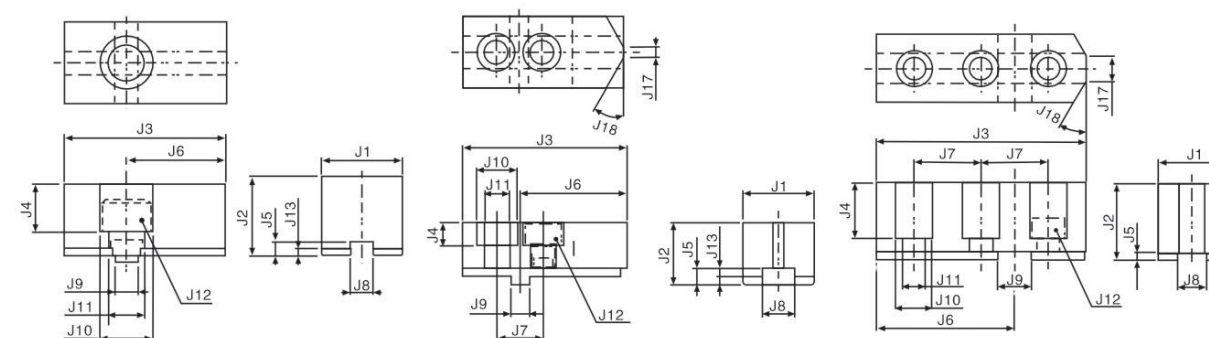
Shape of work piece
Machining conditionSize of work piece
Gripping position

Chuck series number		Serration Pitch	J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11	J12	J16	J17	J18	質量kg (1個) Weight
H01MA	4	1.5	25	25	54	14	5	30	14	10	10	13.5	9	M8	—	8	30°	0.2
	5	1.5	25	25	58.5	14	5	31.5	19	8	10	14	9	M8	—	—	—	0.2
	6	3.0	31	40	72	25	6	37	20	15	12	17.5	11	M10	—	—	—	0.6
	6S	1.5	31	40	70.5	26	5	35.5	20	15	12	17.5	11	M10	—	—	—	0.6
	8	3.0	34	40	90	22	6	45	25	20	14	20	13.5	M12	—	—	—	0.8
	8S	1.5	34	40	90	23	5	45	25	20	14	20	13.5	M12	—	—	—	0.8
	10	3.0	40	40	111	22	6	51	30	30	16	20	13.5	M12	—	—	—	1.2
	10S	1.5	40	40	111	23	5	51	30	30	16	20	13.5	M12	—	—	—	1.2
	12	3.0	50	50	129	32	6	60	30	39	18	23	15.5	M14	—	—	—	2.2
	12S	1.5	50	50	129	33	5	60	30	39	18	23	15.5	M14	—	—	—	2.2
H01MA6	15	3.0	65	70	156	50	8	72	50	34	26	32	22	M20	—	—	—	4.7
	A5-J	1.5	31	40	70.5	26	5	35.5	20	15	12	17.5	11	M10	—	—	—	0.6
H022M	6	1.5	30	30	70.5	20	5	36	20	14.5	12	17.5	11	M10	—	—	—	0.4
	8	1.5	35	40	90	26	5	45	25	20	16	20	13.5	M12	—	—	—	0.7
	10	1.5	40	50	105	35	5	51	30	24	18	23	15.5	M14	—	—	—	1.3
H027M H037M	12	3	50	60	126	42	6	60	40	26	21	26	17.5	M16	—	—	—	2.4
	4	1.5	25	25	47.5	16	4	22	16	9.5	11	14	9	M8	—	4	30°	0.2
	5	1.5	25	25	47.5	16	4	22	16	9.5	11	14	9	M8	—	4	30°	0.2
	6	1.5	35	35	66	22	5	31.5	20	14.5	12	17.5	11	M10	—	—	—	0.6
	8	1.5	40	40	85.5	26	5	40.5	25	20	16	20	13.5	M12	—	—	—	1.0
	10	1.5	45	45	108	30	5	54	30	24	18	23	15.5	M14	—	—	—	1.5
	12	1.5	50	60	111	42	5	51	35	25	21	26	17.5	M16	—	—	—	2.2
H032M	15	3	60	66	138	47	8	66	42	30	26	32	22	M20	—	—	—	3.9
	6	1.5	28	30	60	21	4	30	16	14	11	14	9	M8	—	—	—	0.4
	6	1.5	26	28	66	16	5	34	20	12	12	17.5	11	M10	54	5	30°	0.3
H3KT	8	1.5	35	38	95	23	5	46	25	24	14	20	13.5	M12	75	12	30°	0.8
	10	1.5	40	42	110	27	5	50	30	30	16	20	13.5	M12	90	15	15°	1.2
	12	1.5	50	50	111	33	5	60	30	21	21	26	17.5	M16	—	—	—	1.8

日系卡盤軟爪系列2 (C型)

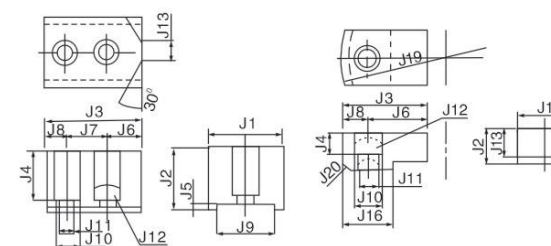
SOFT JAWS FOR JIS STANDARD
(TONGUE AND GROOVE TYPE)

C1形 C1TYPE C2形 C2TYPE C3形 C3TYPE



Chuck series number						J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11	J12	J13	J17	J18	質量kg (1個) Weight	爪形式 Jaw type	
H011MC						4	25	22	50	13	5.5	28	—	8	8	17.5	11	M10	2.5	—	—	0.2	C1
H011MC						5	30	27	56	15	5.5	33	—	8	8	20	13.5	M12	2.5	—	—	0.3	
H011MC						6	35	34	70	21	6	43	—	10	10	23	15.5	M14	3	—	—	0.5	
						6	35	33.5	70	18	7	47	20	14	8	17.5	11	M10	3.5	8	30°	0.5	C2
H013M						6	35	33.5	70	18	7	47	20	14	8	17.5	11	M10	3.5	(2)	(45°)	0.5	
H011MC H013M H014M H021MB (H055M)						8	40	44.5	84	29	7	53	26	16	12	20	13.5	M12	3.5	(2)	(45°)	1.0	
H011MC H013M H014M H021MB (H055M)						10	50	49.5	100	32	7	62	32	18	15	23	15.5	M14	3.5	(2)	(45°)	1.6	C3
H011MC H013M H021MB (H055M)						12	60	54.5	120	36	7	78	36	20	17	26	17.5	M16	3.5	(2)	(60°)	2.4	
						8	32	36	100	26	3.5	66	32	14	16	17.5	11	M10	—	12	30°	0.8	
H018M						10	35	43	110	33	3.5	72	34	16	16	20	13.5	M12	—	12	30°	1.1	
						12	40	50	130	40	3.5	85	40	16	20	20	13.5	M12	—	12	30°	1.9	
						15	40	50	160	40	3.5	107.5	55	16	25	20	13.5	M12	—	12	30°	2.3	

日系卡盤軟爪系列2

H063M/H064M/H3EF 型
SOFT JAWS FOR JIS STANDARD
(TYPE H063M/H064M.H3EF)

Chuck series number	J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11	J12	J13	J16	J19	J20	質量kg Weight	
H063M H064M	6	50	44	68	35	4	23.64	29.36	15	38.1	17.5	11	M10	14	—	—	1.0	
	8	55	54	83	43.5	4	33.87	34.13	15	44.4	20	13.5	M12	18	—	—	1.6	
	10	70	64	100	52.5	4	36.55	44.45	19	57.1	26	17.5	M16	40	—	—	2.9	
	12	70	64	110	52.5	4	46.55	44.45	19	57.1	26	17.5	M16	70	—	—	3.2	
H3EF	6	32	22	47	12	—	32	—	15	—	17.5	11	M10	17	30	118	C5	0.2
	8	40	27	60	16	—	42	—	18	—	20	13.5	M12	22	35	150	C5	0.4

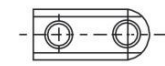
日系卡盤生爪共用表 COMPATIBILITY OF SOFT BLANK JAW

Chuck series number	Compatible chuck series number					
H01MA	4	H022M5	H024M5	H012D4		
	6				H010D6	
	8				H010D8	
H022M	15	H01MA18	H01MA21	H01MA24		
	6	H023M8	H024M6		H024D6	H05M6
	8	H023M10	H024M8		H024D8	H05M8
	10	H023M12	H024M10			H05M10
	12	H023M15	H024M12			
H037M	6	H032M8	H027M6	H012D6	H024D6	H034M6
	8	H032M10	H027M8	H012D8	H024D8	H034M8
	10	H032M12	H027M10	H012D10		H034M10
	12		H027M12			H034M12
	15		H037M15		H047M15	H034M15

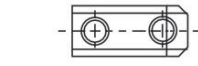
日系卡盤T型塊

T-NUT FOR JIS CHUCK SERIES

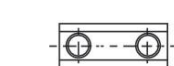
J1形 J1 TYPE



J2形 J2 TYPE



J3形 J3 TYPE



Chuck series number	N1	N2	N3	N4	N5	N6	N7	N8	J12	質量kg(1個) Weight	Jaw nut type
H01MA	4	25.5	15	16.5	10	5.5	14	11	5.5	M8	0.027
	5	30.5	15	16.5	10	5.5	19	11	5.5	M8	0.034
	6	37	17	21.5	12	8	20	14	7.5	M10	0.061
	8	46	20	23.5	14	10	25	15	8.5	M12	0.095
	10	51	23	23.5	16	10	30	15	8.5	M12	0.140
H037M	12	53	28	33	18	11	30	19	14	M14	0.262
	15	82	34	40	26	16	50	23	17	M20	0.560
	4	29	16	16.5	11	6.5	16	10	6.5	M8	0.036
	8	45	22	26.5	16	10	25	18	8.5	M12	0.120
	10	52	24	27.5	18	11	30	18	9.5	M14	0.161
H05M	12	60	27	29	21	12	35	18.5	10.5	M16	0.242
	15	74	34	40	26	16	42	23	17	M20	0.530
	12	65	27	29	21	12	40	18.5	10.5	M16	0.252
H3KT	6	36	17	18.5	12	8	20	11	7.5	M10	0.054
	8	46.5	20	20.5	14	10.5	25	12	8.5	M12	0.092
	10	51	22.5	21.5	16	11	30	13	8.5	M12	0.126
H063M	12	55.5	29.5	27.5	21	12	30	16	11.5	M16	0.211
	6	46.8	20.00	11.0	12.5	8.7	29.36	6.1	4.9	M10	0.050
	8	53.3	22.25	13.3	14.1	9.6	34.13	7.5	5.8	M12	0.075
H064M	10/12	68.4	28.30	17.6	18.9	12.0	44.45	10.3	7.3	M16	0.160

日系卡盤T型塊共用表 COMPATIBILITY OF T-NUT

Chuck series number	Jaw number	Serration Pitch	J1※	J2※	J3※	J4※	J5	J6※	J7	J8※	J9	J10	J11	J12	質量kg(1個) Weight
H01MA	4 H022M5				H024M5										H012D4
	6 H022M6			H023M8	H024M6		H027M6	H034M6	H047M6	H037M6	H05M6	H032M8			H012D6
	15 H01MA18			H01MA21	H01MA24										
H037M	4						H027M4	H027M5		H037M5		H032M6			
	8 H022M8			H023M10	H024M8		H027M8	H034M8	H047M8		H05M8	H032M10	H012D8		
	10 H022M10			H023M12	H024M10		H027M10	H034M10	H047M10		H05M10	H032M12	H012D10		
	12						H027M12	H034M12	H047M12						
H05M	15						H027M15	H034M15	H047M15						
	12	H022M12	H023M15	H024M12											

日系卡盤軟爪系列2 (S1型)

SOFT JAWS FOR JIS SERIES S1 TYPE

Chuck series number		Jaw number	Serration Pitch	J1※	J2※	J3※	J4※	J5	J6※	J7	J8※	J9	J10	J11	J12	質量kg(1個) Weight
H01MA	6	401-062-0-000	3	40	55	87	40	6	51	20	16	12	17.5	11	M10	1.4
	8	401-062-1-000	3	40	60	102	42	6	57	25	20	14	20	13.5	M12	1.6
	10	401-062-2-000	3	50	70	123	52	6	63	30	30	16	20	13.5	M12	3
	12	401-062-3-000	3	62	80	144	63	6	75	30	39	18	23	15.5	M14	5

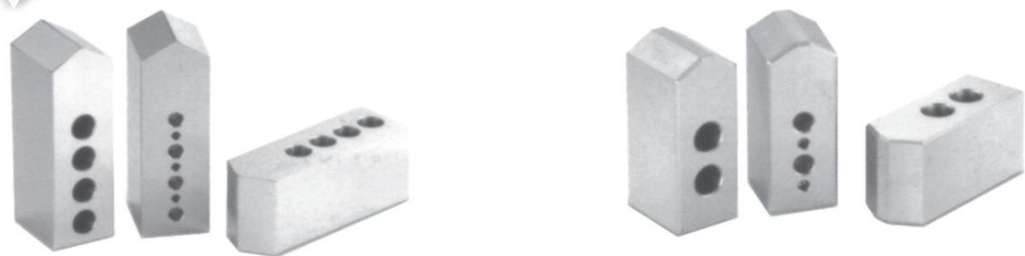
日系卡盤硬爪系列

HARD JAWS FOR JIS STANDARD

H1 形 H1 TYPE	H2 形 H2 TYPE	H3 形 H3 TYPE	H4 形 H4 TYPE
齿距 Serration Pitch	齿距 Serration Pitch	齿距 Serration Pitch	齿距 Serration Pitch

超精密卡盤生爪

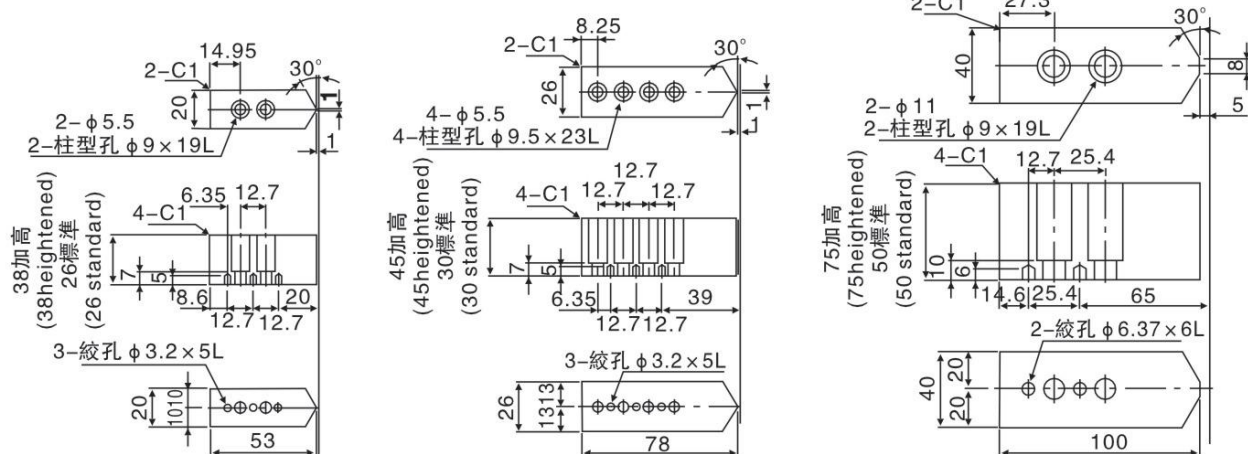
SOFT JAWS FOR SUPER PRECISION CHUCK



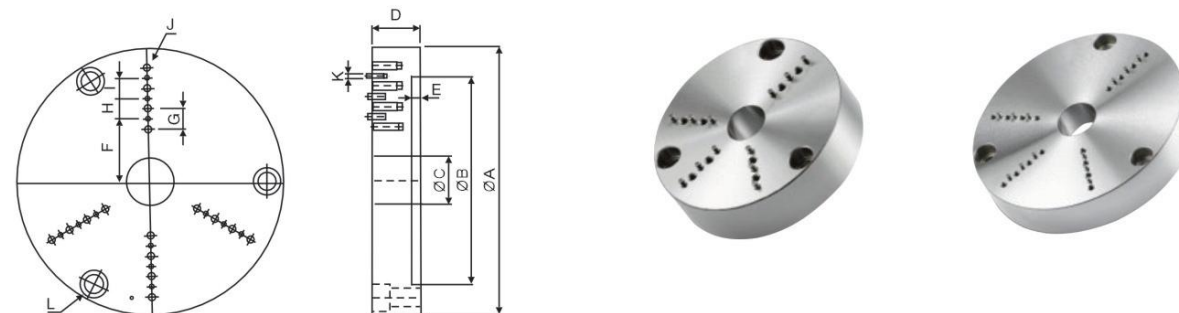
J-04

J-06

J-08



超精密生爪成型盤

FR FORMING RINGS
(FOR SOFT JAWS OF SUPER PRECISION CHUCKS)

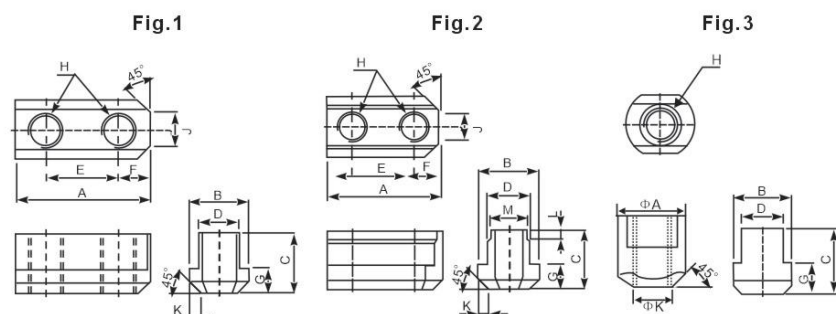
尺寸表 / Size table

單位/UNIT:mm

型式/規格 MODEL /SPEC.	A	B	C	D	E	F	G	H	I	J	K	L	淨重(Kg) Weight
FR-04	112	80	22	30	6	21	12.7	12.7	12.7	6-M5X0.8P	9-Ø3.175	3-M8X1.25P	1.9
FR-06	167	130	30	30	6	40	12.7	12.7	12.7	12-M5X0.8P	9-Ø3.175	3-M10X1.5P	4.3
FR-08	203	160	54	35	6	66	25.4	25.4	--	6-M10X1.5P	6-Ø6.35	3-M10X1.5P	7.2

T-NUTST型塊

SUITABLE FOR POWER CHUCKS



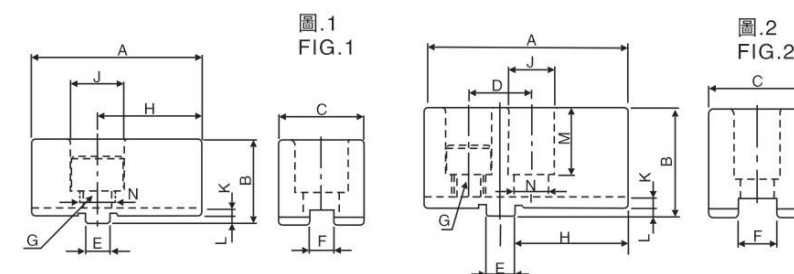
尺寸表 / Size table

型式 Model	A	B	C	D	E	F	G	H	J	K	L	M	Fig
中空 Thru													
T-5"	26	14.5	15	10	14	6	5.5	M8	5	2			1
T-6"	36	17.5	18.5	12	20	8.2	7.5	M10	8	2.5			1
T-8"	46.5	20.5	20.5	14	25	10.5	8.5	M12	12	4			1
T-10"	51	22.5	21.5	16	30	11	8.5	M12	11	3			1
T-12"	55.5	29.5	27.5	21	30	12	11.5	M16	13	4.5			1
T-15"(18")	80	33.5	45.5	24	43	17	16.5	M20	11	5	8	22	2
中實 Non-Thru													
NT-6"	36.5	17.5	22.5	12	20	7.5	7.5	M10	6	3			1
NT-8"	48	20.5	25.5	14	25	11	9.5	M12	8	4			1
NT-10"	55	22.5	25.5	16	30	11	9.5	M12	8	4			1
NT-12"	55.5	26.5	33.5	18	30	11.5	13.5	M14	12	5			1
NT-15"(18")	42	35	39.5	25.5			19	M20		25			3
NT-15"(18")3.0	42	35	41.5	26			19	M20		25			3
NT-21"(24")	46	37.5	45	25			19	M20		26.5			3

注：非標可定做 Customized spec can be made.

後拉式夾頭專用生爪

SOFT JAWS FOR PULL BACK POWER CHUCKS



尺寸表 / Size table

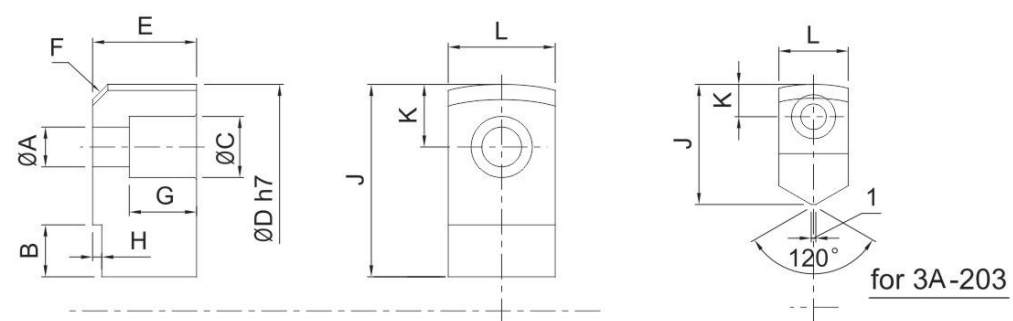
單位/UNIT:mm

型式/規格 MODEL /SPEC.	A	B	C	D	E	F	G	H	J	K	L	M	N	參考圖 Reference Drawing
S-04	52	19.5	25	-	8	8	M10x1.5P	30	17.5	2.5	2.5	13	11	圖.1 fig.1
S-05	56	27	30	-	8	8	M12x1.75P	33	20	2.5	2.5	15	11	圖.2 fig.2
S-06	70	34	35	-	10	10	M14X2P	43	23	3.0	3.0	21	15.5	圖.2 fig.2
S-08	84	44.5	40	26	12	16	M12X1.75P	53	20	3.5	3.5	29	13.5	圖.2 fig.2
S-10	100	49.5	50	32	15	18	M14X2P	62	23	3.5	3.5	32	15.5	圖.1 fig.1
S-12	120	54.5	60	36	17	20	M16X2P	78	26	3.5	3.5	36	17.5	圖.1 fig.1
S-15	165	60	70	40	20	24	M17x2P	105	26	5	5	40	18	

注：非標可定做 Customized spec can be made.

3A夾頭之標準生爪

STANDARD SOFT JAW FOR 3A CHUCK

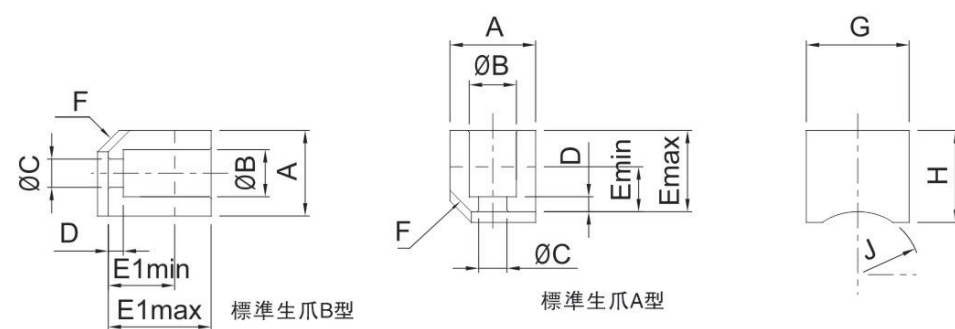


保留規格修改的權利
Subject to technical changes

型號/寸法 Model/Dim.	A	B	C	D	E	F	G	H	J	K	L
3A-203	5.5	11	9.5	66	12	C3	7	3	26	7	15
3A-204	6.6	11	11	84	17	C4	11	3	32	9.5	20
3A-205	9	13.5	14	108	20	C4	12	3	41.5	13	24
3A-206	11	15	17	129	30	C5	20	3	50	17	30
3A-208	13	15	20	156	34	C5	22	3	63	20.5	35
3A-210	15	20	22	187	39	C5	24	4	74	23	40
3A-212	15	18	22	234	44	C5	29	4	72	23	40

3E夾頭之標準生爪

STANDARD SOFT JAW FOR 3E CHUCK



保留規格修改的權利
Subject to technical changes

型號/寸法 Model/Dim.	A	B	C	D	Emax.	Emin.	E1max.	E1min.	F	G	H	J
3E-05	20	11	6.6	3.5	34	25	41.5	33.5	C5	24	21.5	14.7
3E-06	23	11	6.6	4	44	35	54	43.5		30	28.5	22.7
3E-08	32	14	9	6	54	45	70.5	57.5		35	37	33.25

注：非標可定做 Customized spec can be made.

加高扇形全包軟爪

HIGHER FULL GRIP PIE JAWS



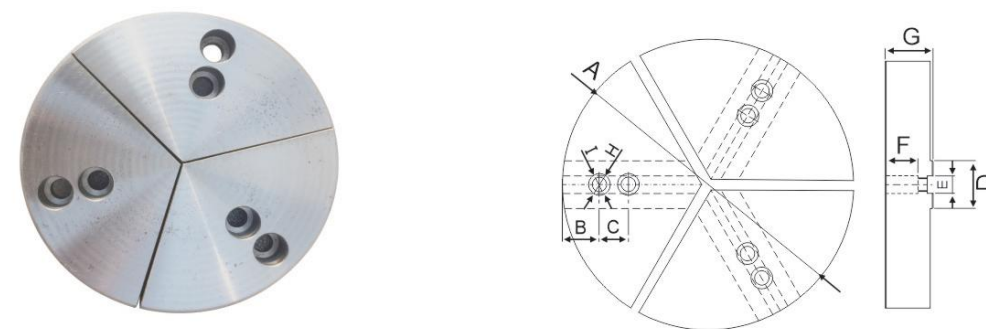
齒距：1.5mmx60° Serration Pitch:1.5mmx60°

單位/UNIT:mm

MODEL SPEC (mm)	A	B	C	D	E	F	G	H	I
PJ-05H	130	10	14	25	10	28/38/48	40/50/60	13.5	9
PJ-06H	160	15	20	31	12	25/35/45	40/50/60	17	11
PJ-08H	200	24	25	35	14	34/44/54	50/60/70	19	13
PJ-10H	240	25	30	42	16	44/54/64	60/70/80	19	13
PJ-12H	290	35	30	50	21/18	40/50/60	60/70/80	25/23	17/15
PJ-15H	370	37	43	62	22/25.5	46/56/66	70/80/90	32	21

標準扇形全包軟爪

STANDARD FULL GRIP PIE JAWS



齒距：1.5mmx60° Serration Pitch:1.5mmx60°

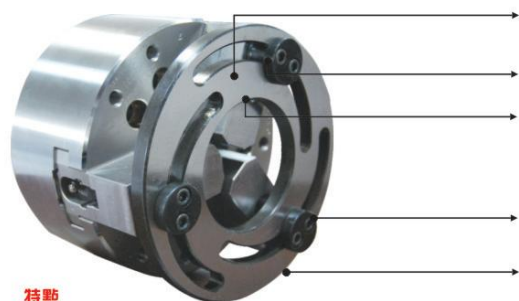
Model/Spec (mm)	A	B	C	D	E	F	G	H	I	GW KG
PJ-05	130	10	14	25	10	18	30	13.5	9	3.6
PJ-06	160	15	20	31	12	21	36	17	11	4.9
PJ-08	200	24	25	35	14	22	38	19	13	10.6
PJ-10	240	25	30	42	16	26	42	19	13	13.6
PJ-12	290	35	30	50	21/18	30	50	25/23	17/15	23.8
PJ-15	370	37	43	62	22/25.5	38	62	32	21	45.8

注：非標可定做 Customized spec can be made.

PAGE 26 奥玛泰 OMATEI

油壓生爪修爪器

JAW BORING RING FOR SOFT JAWS



特點

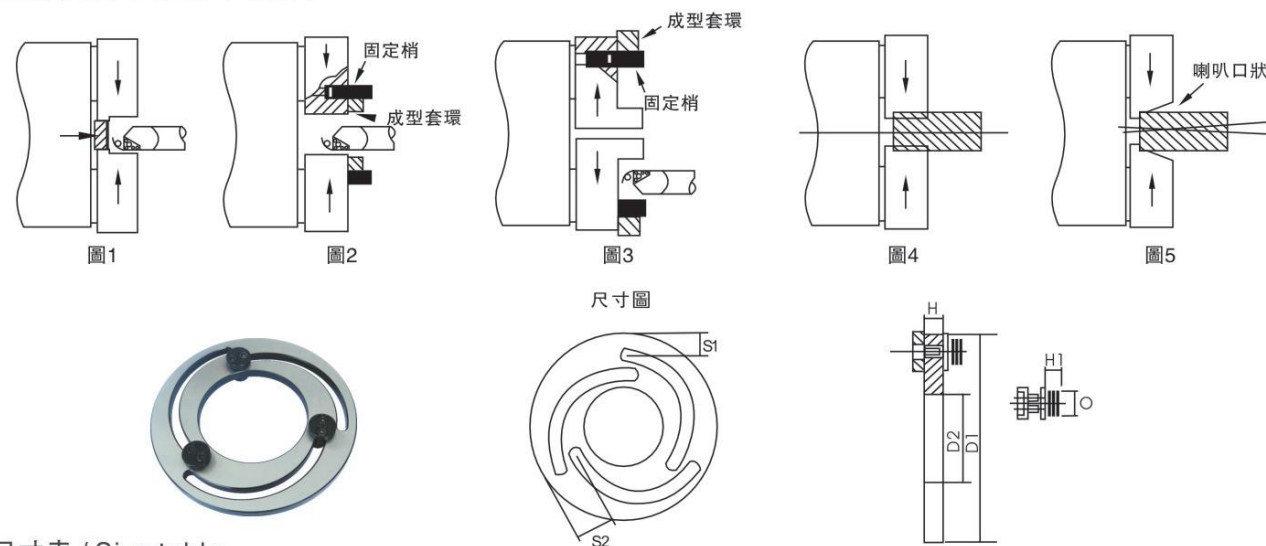
- ◎ 1、握持增強，提高真圓度、圓心度、圓筒度等精度，不會產生喇叭口狀及離心震動，影響精度，有良好的控制性效果。
- ◎ 2、外夾內張二者可使用，可根據所需任意調整尺寸，操作方便快捷，省時省力，有效使用；
- ◎ 3、舊的夾頭使用成型圈後，可有效提高精度及握持力，可恢復同新品一樣。

使用說明

使用成型圈，不但能做到外夾，內張與穿通成形3種方式的成形，也可夾在工作物件時在同樣的狀態成形，所以芯振擺少，把握力

也就提升。(如圖一、二、三)使用成型圈。與夾頭一成形時，無芯振擺現象，把握力可達100%，可提高精度(如圖四)。使用硬爪夾持時

接觸面不良會產生喇叭口狀，持握力不良會產生離心振動，影響精度，危險增加(如圖五)。



尺寸表 / Size table

型式 MODELS	H	D1	D2	S1	S2	G	HI	O
5"	12	140	60	12	28	10	9	13.5
6"	12	168	80	12	32	10	9	16.5
8"	12	218	115	17	36	10	9	18.5
10"	12	258	150	15	40	10	9	18.5
12"中空Thru-hole	15	316	188	21	50	10	9	24.5
12"中實Non-Thru	15	316	188	21	50	10	9	21.5
15"	20	380	230	23	52	12	16	31
21"	需訂制 It's made for customized order							
24"								
32"								
40"								
63"								
79"								

FEATURE

To Suit for CNC lathe

For adjusting the high accuracy of chuck during machining process.

The operation process as following:

1. Set the jaws to correct position. 2. Adjust the jaw boring ring to fit the bolt holes. 3. Lock the chuck to clamp the jaw boring ring. 4. Machining the required size. 5. Unlock the chuck. 6. If these steps are operated correctly, the clamping accuracy will be very precise.

三夾順着（旋渦狀態）緩緩回轉夾緊可任意調整外夾，內張所需尺寸。

[偏心制止帽梢]逆向鎖緊，活動行程大。

不須再鑽孔攻牙，利用生爪之螺絲孔插入制止帽梢。

本體材質經熱處理後研磨，硬度高，強韌耐久使用。

成型圈適用5"、6"、8"、10"、12"、15"五種尺寸動力夾盤。

軟爪微調修爪器

ADJUSTABLE JAWS BORING RING

FEATURE

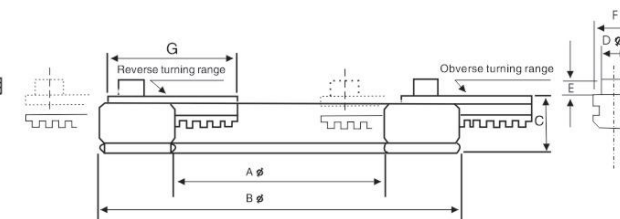
To Suit for CNC lathe

This type jaw boring fixture with a continuous fine adjusting ring can provide accurate position, to reduce the abrasion of soft jaws. Soft jaws can be made to requirements size by this fixture easily. Only several simple process, soft jaws can be bored precisely. With anticlockwise lock, the machining field can be easily expended.

- ◎ 傳統成型圈需要套圈中心杆等配件，本產品則不需要，節省費用
- ◎ 本成型圈採用連續微調方式，易操作，對軟爪的磨損降到最低
- ◎ 祇需要反轉鎖定位置，就能擴大軟爪的夾持範圍
- ◎ 本成型圈可適用於手動夾頭與液壓夾頭



反轉位置：reverse turning range
正轉位置：obverse turning range



規格表 / SPECIFICATIONS 單位/UNIT: mm

規格/型號 Spec/Model	A	B	C	D	E	F	G	爪行程(直徑) Jaw Stroke (Dia)	最大夾持力 Max Gripping (Kgf)	最大轉速 Max RPM	重量 Weight (Kg)	適用卡盤 Matching Chuck
TL-100(TLF-100)	100	170	26	13	7	19	61	7.4	1500	800	2.7	5"/6"/8"
TL-125(TLF-125)	125	200	26	16.3	8	19	61	7.4	1500	700	3.5	6"/8"/10"
TL-160(TLF-160)	160	248	31	18.3	8	24	80	8.5	1750	600	5.6	8"/10"/12"

注：TL 為三爪形式/3 jaw model, TLF 為四形式/4 jaw model

油壓生爪成型器

FORMING PLATE FOR SOFT JAWS



規格 Model	調整外徑 Range	規格 Model	調整外徑 Range
JBP-5-4	5"四爪成型盤/5"3-Jaw boring plate	JBP-5-3	5"三爪成型盤/5"3-Jaw boring plate
JBP-6-4	6"四爪成型盤/6"4-Jaw boring plate	JBP-6-3	6"三爪成型盤/6"3-Jaw boring plate
JBP-8-4	8"四爪成型盤/8"4-Jaw boring plate	JBP-8-3	8"三爪成型盤/8"3-Jaw boring plate
JBP-10-4	10"四爪成型盤/10"4-Jaw boring plate	JBP-10-3	10"三爪成型盤/10"3-Jaw boring plate

- ◎ 本產品適用於模具放電成型車、銑成型用。
- ◎ It is applicable to make the mould by EDM processing or machining and milling processing.

外徑修爪器

JAW BORING RING FOR OUTSIDE DIAMETER

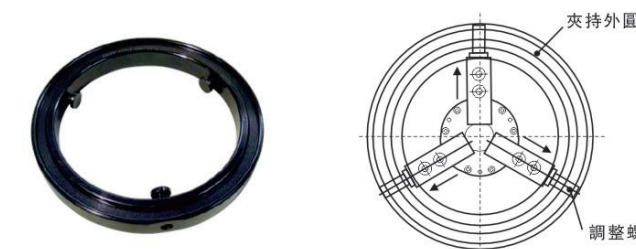
- ◎ 夾持卡爪外部，修卡爪外圓，使卡爪能够外撐工件進行加工。

This Jaw boring ring is for machining the external circle of the jaws, in order to expand the workpiece precisely

規格表 / SPECIFICATION

規格 Model	調整外徑 Range	適用卡盤 For Chuck
OR-6	Φ 140-Φ 170	6"
OR-8	Φ 170-Φ 215	8"
OR-10	Φ 215-Φ 270	10"

注：OR-12與OR-15及其他規格的外徑成型圈可非標訂制
For OR-12 or OR-15 and other spec is available for customized order.



應用案例 Applications

