

L-DOG

L-DOG 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	底 L-1	寬 J-2	高 J-3	螺絲寬 J-4	螺絲深 J-5	J-6	中心孔距 J-7	J-8	螺絲 J-9	直徑 Serration pitch	重量 N.W.(KG)
SC-04	53	23	23	10	4	9	14	29	M8	1.5 x 60°	0.42
SC-05	62	25	30	10	4	10	14	38	M8	1.5 x 60°	0.85
SC-06	73	31	36	12	5	15	20	38	M10	1.5 x 60° 3.0 x 60°	1.5
SC-08	95	35	38	14	5	24	25	46	M12	1.5 x 60° 3.0 x 60°	2.4
SC-10	110	40	42	16	5	30	30	50	M12	1.5 x 60° 3.0 x 60°	3.6
SC-12(中空/Thru)	129	50	50	21	6	39	30	60	M16	1.5 x 60° 3.0 x 60°	6.1
SC-12(中實/Non-Thru)	129	50	50	18	6	39	30	60	M14	1.5 x 60° 3.0 x 60°	6.2
SC-15(中實) 10°	165	62	62	22	8	37	43	85	M20	1.5 x 60° 3.0 x 60°	12.5
SC-15(中實) 18°	165	62	62	25.5(28)	6(9)	37	43	85	M20	1.5 x 60° 3.0 x 60°	12.5
SC-24 21°	180	65	70	25	9	40	60	80	M20	3.0 x 60°	16.2
SC-32	270	85	110	30	4	76.2			M24		29.2
SC-40	210	74	90	25	9	40	80	90	M20	3.0 x 60°	29.2
SC-50	270	85	110	30	4	76.2			M24		29.2
SC-63	270	110	110	30	4	76.2			M24		29.2
SC-79	270	110	110	30	4	76.2			M24		29.2

強力生爪

SOFT JAWS FOR SCROLL CHUCK

規格 / Specification																
SPEC. MODEL	底 A	寬 B	高 C	螺絲寬 D	螺絲深 E	螺絲 F	G	H	J	K	L	M	N	重量 G.W.(KG)		
CP-04	52	19	30	24	9.53	7.94	M8x1.25P	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	25.5	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-18	160	50	70	76.2	19.03	12.7	M16x2.5P	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		

L-DOG
03/01/02

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SC06 加高油壓軟爪(生爪)

SC06 EXTRA HEIGHT SOFT JAWS

圖面: 1.5mmx60° Serration Pitch: 1.5mmx60°										
型號 Model	重量/Weight kg/mm	螺絲 Screw	J1	J2	J3	J4	J5	J6	B	單位/UNIT:mm
SC06H50	2				50					
SC06H60	2.5				60					
SC06H70	3				70					
SC06H80	3.4				80					
SC06H90	3.8				90					
SC06H100	4.2				100					
SC06H110	4.6				110					
SC06H120	5.0	M10	73	31	120	12	15	20	14	
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					

SC08 加高油壓軟爪(生爪)

SC08 EXTRA HEIGHT SOFT JAWS

圖面: 1.5mmx60° Serration Pitch: 1.5mmx60°										
型號 Model	重量/Weight kg/mm	螺絲 Screw	J1	J2	J3	J4	J5	J6	B	單位/UNIT:mm
SC08H50	3.2				50					
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	M12	95	35	120	14	24	25	16	
SC08H130	8.2				130					
SC08H140	8.8				140					
SC08H150	9.4				150					
SC08H160	10.1				160					
SC08H170	10.7				170					
SC08H180	11.4				180					
SC08H190	12.1				190					
SC08H200	12.8				200					

SC06 尖角油壓軟爪(生爪)

SC06 POINTED SOFT JAWS

圖面: 1.5mmx60° Serration Pitch: 1.5mmx60°										
型號 Model	重量/Weight kg/mm	螺絲 Screw	J1	J2	J3	J4	J5	J6	B	單位/UNIT:mm
SC06H10P	1.5				35					
SC06H50P	2				50					
SC06H60P	2.5				60					
SC06H70P	2.9				70					
SC06H80P	3.3				80					
SC06H90P	3.7				90					
SC06H100P	4	M10	73	31	100	12	10	20	3	
SC06H110P	4.4				110					
SC06H120P	4.8				120					
SC06H130P	5.3				130					
SC06H140P	5.8				140					
SC06H150P	6.2				150					
SC06H160P	6.6				160					

SC08 尖角油壓軟爪(生爪)

SC08 POINTED SOFT JAWS

圖面: 1.5mmx60° Serration Pitch: 1.5mmx60°										
型號 Model	重量/Weight kg/mm	螺絲 Screw	J1	J2	J3	J4	J5	J6	B	單位/UNIT:mm
SC08H10P	2.5				35					
SC08H50P	3.2				50					
SC08H60P	3.8				60					
SC08H70P	4.4	M12	95	35	70	14	15	25	3	
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; 非標可定製。
Option for pointed soft jaws: 60/90/120 angle degrees or other special requirements. Customized spec can be made.

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

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03/01/02

L-DOG

SC10加高油壓軟爪(生爪)

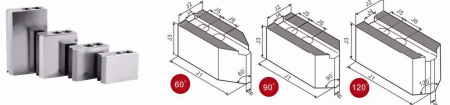
SC10 EXTRA HEIGHT SOFT JAWS

規格 / Specification

規格/尺寸 SPEC/SIZE	寬 J-1	寬 J-2	寬 J-3	寬 J-4	寬 J-5	寬 J-6	寬 J-7	寬 J-8	寬 J-9	螺絲 Serration pitch	淨重 N.W.(KG)
SC-04	53	23	23	10	4	9	14	29	M8	1.5 x 60°	0.42
SC-05	62	25	30	10	4	10	14	38	M8	1.5 x 60°	0.85
SC-06	73	31	36	12	5	15	20	38	M10	1.5 x 60°	1.5
SC-08	90	35	39	14	5	24	25	46	M12	1.5 x 60°	2.4
SC-10	110	40	42	16	5	30	30	50	M12	1.5 x 60°	3.6
SC-12(中穿/Thin)	129	50	50	21	6	39	30	60	M16	1.5 x 60° 3.0 x 60°	6.1
SC-12(中穿/Non-Thru)	129	50	50	18	6	39	30	60	M14	1.5 x 60° 3.0 x 60°	6.2
SC-15(中穿) 18°	165	62	62	22	8	37	43	85	M20	1.5 x 60° 3.0 x 60°	12.5
SC-15(中穿) 18°	165	62	62	25.5(26)	8(9)	37	43	85	M20	1.5 x 60° 3.0 x 60°	12.5
SC-24 21°	180	65	70	25	9	40	60	80	M20	3.0 x 60°	16.2
SC-32	210	74	90	25	9	40	80	90	M20	3.0 x 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		

SC10尖角油壓軟爪(生爪)

SC10 POINTED SOFT JAWS



型號 Model	重量/Weight kg/val	螺絲 Screw	J1	J2	J3	J4	J5	J6	B
SC10H42P	3.7				42				
SC10H50P	4.2				50				
SC10H60P	5.1				60				
SC10H70P	6.1	M12	110	40	70	16	20	30	3
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，非標可定製。
Option for pointed soft jaws: 60/90/120 angle degrees 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

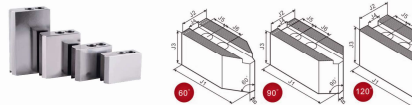


型號 Model	重量/Weight kg/val	螺絲 Screw	J1	J2	J3	J4	J5	J6	B
SC12H60N	5.9				60				
SC12H70N	6.1				70				
SC12H80N	10.5				80				
SC12H90N	11.6	M14	129	50	90	18	39	30	20
SC12H100N	12.9				100				
SC12H110N	14.2				110				
SC12H120N	15.6				120				
SC12H130N	17.0				130				

SC12尖角油壓軟爪(生爪)

SC12 POINTED SOFT JAWS

FOR NON THROUGH CHUCK



型號 Model	重量/Weight kg/val	螺絲 Screw	J1	J2	J3	J4	J5	J6	B
SC12H60PN	5.9				60				
SC12H70PN	6.1				70				
SC12H80PN	10.5				80				
SC12H90PN	11.6	M14	129	50	90	18	25	30	6
SC12H100PN	12.9				100				
SC12H110PN	14.2				110				
SC12H120PN	15.6				120				
SC12H130PN	17.0				130				

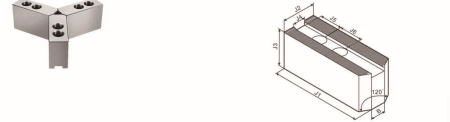
注：尖角油壓軟爪有60°、90°、120°可供選擇，非標可定製。
Option for pointed soft jaws: 60/90/120 angle degrees or other special requirements. Customized spec can be made.

L-DOG

SC12加高油壓軟爪(生爪)

SC12 EXTRA HEIGHT SOFT JAWS

FOR THROUGH HOLE CHUCK

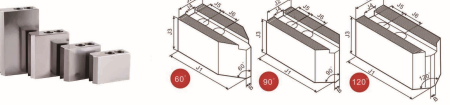


型號 Model	重量/Weight kg/val	螺絲 Screw	J1	J2	J3	J4	J5	J6	B
SC12H60	7.5				60				
SC12H70	8.7				70				
SC12H80	10				80				
SC12H90	11.2	M16	129	50	90	21	39	30	23
SC12H100	12.5				100				
SC12H110	13.8				110				
SC12H120	15.2				120				
SC12H130	16.5				130				

SC12尖角油壓軟爪(生爪)

SC12 POINTED SOFT JAWS

FOR THROUGH HOLE CHUCK



型號 Model	重量/Weight kg/val	螺絲 Screw	J1	J2	J3	J4	J5	J6	B
SC12H60P	6.0				60				
SC12H70P	7.2				70				
SC12H80P	8.4	M16	129	50	90	21	25	30	6
SC12H90P	9.5				80				
SC12H100P	11.0				100				

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

SC15加高油壓軟爪(生爪)

SC15 EXTRA HEIGHT SOFT JAWS



型號 Model	重量/Weight kg/val	螺絲 Screw	J1	J2	J3	J4	J5	J6	X	Z
SC15H60	16.1				80					
SC15H80	16.2				80					
SC15H100	20				100					
SC15H110	22.3				110	22				
SC15H120	26.0	M20	165	62	120	(22.5)	37	43	25	2
SC15H130	26.8				130					
SC15H140	28.5				140					
SC15H150	30				150					

注：非標可定製。

加寬軟爪

EXTRA-WIDTH SOFT JAWS



型號/規格 Model/Spec	長 Length A	寬 Weight B	高 Height C	齒距 Serration
SC803048	73	48	30	1.5°/60°
SC803060	73	60	30	1.5°/60°
SC803080	73	80	30	1.5°/60°
SC804848	73	48	48	1.5°/60°
SC804863	73	63	48	1.5°/60°
SC806060	73	60	60	1.5°/60°
SC803648	95	48	36	1.5°/60°
SC803663	95	63	36	1.5°/60°
SC803680	95	80	36	1.5°/60°
SC804848	95	48	48	1.5°/60°
SC804873	95	73	48	1.5°/60°
SC804890	95	90	48	1.5°/60°
SC806363	95	63	63	1.5°/60°
SC807373	95	73	73	1.5°/60°
SC808363	95	83	83	1.5°/60°
SC1004263	110	63	42	1.5°/60°
SC10042100	110	100	42	1.5°/60°
SC100473	110	73	48	1.5°/60°
SC1006363	110	63	63	1.5°/60°
SC1007373	110	73	73	1.5°/60°
SC1008363	110	83	83	1.5°/60°

POM軟爪

POM SOFT JAWS



► 尖型軟質油壓生爪 Pointed Type



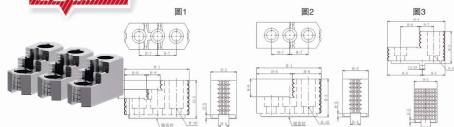
► 標準軟質油壓生爪 Standard Type

規格 / Specification

SPEC/SIZE	寬 W J-1	高 H J-2	厚 T J-3	總寬 J-4	總高 J-5	中心孔距 Hole Center J-6	螺絲 Screw J-7	螺絲 Pitch J-8	螺絲 Pitch J-9	重量 N.W.(KG)	淨重 N.W.(KG)
SC-04	53	23	23	10	4	9	14	29	M8	1.5 × 60'	0.42
SC-05	62	25	30	10	4	10	14	38	M8	1.5 × 60'	0.85
SC-06	73	31	36	12	5	15	20	38	M10	1.5 × 60'	1.5
SC-08	95	35	38	14	5	24	25	46	M12	1.5 × 60'	2.4
SC-10	110	40	42	16	5	30	30	50	M12	3.0 × 60'	3.6
SC-12(中空/Thru)	129	50	50	21	6	39	30	60	M16	1.5 × 60' 3.0 × 60'	6.1
SC-12(中實/Non-Thru)	129	50	50	18	6	39	30	60	M14	1.5 × 60' 3.0 × 60'	6.2
SC-15(中空) 18"	165	62	62	22	8	37	43	85	M20	1.5 × 60' 3.0 × 60'	12.5
SC-15(中實) 18"	165	62	62	25(28)	6(9)	37	43	85	M20	1.5 × 60' 3.0 × 60'	12.5
SC-24 21"	165	65	70	25	9	40	60	60	M20	3.0 × 60'	15.2
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				

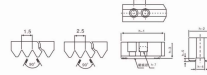
油壓硬爪

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	Seriation Pitch	Gross Weight(g)	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	10	5	31	25	28	12	M10	1.5 × 60'	0.95	圖1 Fig1
HJ-08	86	35	51	14	5	31	25	18	12	M12	1.5 × 60'	1.95	圖1 Fig1
HJ-10	100	40	54	16	5	43	30	17	14	M12	1.5 × 60'	2.85	圖1 Fig1
HJ-12	103	50	52	21(18)	6	69.5	30	43.5	20	M16(M14)	1.5 × 60'	3.9	圖1 Fig1
HJ-15(18)	149	62	66	20(25.5)	(5)18	55	43	38	20	M20	1.5 × 60'	9.45	圖1 Fig1
HJ-15-1	149	62	66	26	8	55	43	38	20	M20	3.0 × 60'	9.45	圖1 Fig1
HJ-24(21)	159.5	80	90	25	9	104.5	50	55	40	M20	3.0 × 60'	14.3	圖2 Fig2
HJ-32	199.5	80	90	26	15	104.5	50	55	40	M20	3.0 × 60'	14.3	圖2 Fig2
HJ-40(50)	223	85	117	30	7	72.6	38.1	140	83	M24			圖3 Fig3
HJ-63(79)	223	110	117	30	7	72.6	38.1	140	83	M24			圖3 Fig3

K51卡盤軟爪



規格/尺寸 SPEC/SIZE	寬 h-1	高 h-2	厚 h-3	總寬 h-4	總高 h-5	中心孔距 Hole Center h-6	螺絲 Pitch h-7	螺絲螺距 Seriation pitch
CH-96(160)	62	35	38	11	4.5	20	M8	1.5 × 90'
CH-96(200)	62	35	38	11	4.5	24	M10	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	M14	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	M18	2.5 × 90'
CH-24(630)	190	60	100	26	6	55	M21	2.5 × 90'

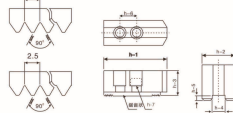
CT卡盤軟爪



規格D size	H ₁	H ₂	H ₃	H ₄	H ₅	齒距螺絲型 Seriation pitch
200	85	40	45	16	4	1/16"x90
320	118	50	62	21	4	3/32"x90
400	140	50	75	22	5.5	3/32"x90
500	160	75	75	26	5.5	3/32"x90
630	160	75	75	26	5.5	3/32"x90
800	160	75	75	26	5.5	3/32"x90

L-DOG
11/12/10

K52卡盤軟爪



規格/尺寸 MODEL/DIMENSION	寬 h-1	高 h-2	厚 h-3	總寬 h-4	總高 h-5	中心孔距 Hole Center h-6	螺絲 Pitch h-7	螺絲螺距 Seriation pitch
CH-125	56	28	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	48	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	145	55	72	22	5	45	M16	2.5 × 90'

三爪自定心卡盤卡爪

HARD JAWS FOR SCROLL CHUCK



- ◎ 卡爪分爲：雙槽爪、A型、D型分體爪、C型分體爪。
- ◎ 可替用戶要求 提供各型硬卡爪。
- ◎ Hard jaws include one-piece jaws and two-piece jaws for form A.D.C.
- ◎ All kinds of hard jaws can be provided as the request of customers.

雙槽爪One-Piece Jaws

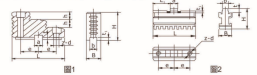


規格 Size	80	100	125	150	165	180	200	240	250	315 325 380 390
L	32	42	55	55	70	70	72	85	105	105
B	12	15	16	16	18.5	18.5	22	22	27	27
H	33	38	45	45	54	54	57	61	69	69
h	8.5	7	9	9	12	12	12	12	12	12

- ◎ 雙正爪，硬爪各一副
- ◎ The chuck with one-piece jaws is provided with each set of internal and external ones.

三爪自定心卡盤卡爪

HARD JAWS FOR SCROLL CHUCK



C型分體爪Two-Piece Jaws for Form C



規格 Size	L	B	H	h	a	b	e	f	t	z-d	參考圖 Ref.
200	88	22	44	12	13	11	28	7	3	2-9	圖1 Fig1
240	108	27	46	12	13	15	35	7	3	2-11	圖1 Fig1
250	108	27	46	12	13	13	35	7	3	2-11	圖1 Fig1



規格 Size	L	L1	B	H	a	b	e	f	t	z-d	參考圖 Ref.
200	76	31.5	22	36	13	11	28	6	2	2-M10	圖2 Fig2
240	95	41	27	39	13	13	35	6	2	2-M10	圖2 Fig2
250	95	41	27	39	13	13	35	6	2	2-M10	圖2 Fig2



規格 Size	L	B	H	h	a	b	e	f	t	z-d	參考圖 Ref.
320	127	36	59.5	17	28	15	44	7.5	2.8	2-13	圖3 Fig3
320	127	36	59.5	17	28	15	44	7.5	2.8	2-13	圖3 Fig3
380	127	36	59.5	17	28	15	44	7.5	2.8	2-13	圖3 Fig3



規格 Size	L	L1	B	H	a	b	e	f	t	z-d	參考圖 Ref.
320	114	43	36	40	28	15	44	8.5	3.5	2-M12	圖4 Fig4
320	114	43	36	40	28	15	44	8.5	3.5	2-M12	圖4 Fig4
380	114	43	36	40	28	15	44	8.5	3.5	2-M12	圖4 Fig4

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

A型、D型分體爪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	130	132
B	25	30	36	45	45	45	45	45	54
H	41	45	53	61	61	70	70	70	82
h	9	10.5	13.5	17.5	17	17	17	22	22
a	12.675	12.675	19.025	19.025	19.025	19.025	19.025	19.025	19.025
b	7.84	7.84	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
f	3	3	3	3	3	6	6	6	6
t	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	95	110	110	114	114	114	152
L1	29	34.9	36.7	47.6	47.6	47.5	47.5	47.5	47.4
B	20	22	27	36	36	36	36	36	45
H	33	35	38	42	42	46	46	46	50
a	12.675	12.675	19.025	19.025	19.025	19.025	19.025	19.025	19.025
b	7.84	7.84	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
f	4	4.2	4.2	4.2	4.2	7	7	7	7
t	3	3	3	3	3	3	3	3	3
z-d	2-M10	2-M10	2-M12	3-M12	3-M12	3-M10	3-M10	4-M20	5-M20

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

L-DOG
11/12/10

L-DOG

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).

型號/Model	RZ1180	RZ1190	RZ1125	RZ1130	RZ1185	RZ1195	RZ1205	RZ1240	RZ1250	RZ1260	RZ1270	RZ1280
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

型號/Model	L	L1	B	H	a	b	e	t	t1	s	h	z-d
RZ1200C	93	46	25	50	13	11	28	7	3	39	9	13
RZ1240C	113	58	27	58	13	13	35	7	3	48	11	17
RZ1250C	113	58	27	58	13	13	35	7	3	48	11	17

型號/Model	L	L1	B	H	a	b	e	t	t1	s	h	z-d
RZ1200A	137	64	36	75	28	15	44	7.5	2.8	60.5	13	20
RZ1250A	137	64	36	75	28	15	44	7.5	2.8	60.5	13	20
RZ1280A	137	64	36	75	28	15	44	7.5	2.8	60.5	13	20

K52,K54,K55系列卡盤卡爪



- ◎ A型：卡盤配帶橫舌型硬卡爪。
- ◎ B型：卡盤配帶十字型軟卡爪。

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



Technical drawing of the K52A ball bearing. The drawing includes a front view (left) and a side view (right). The front view shows the outer ring with dimensions L (total length), B (width), H (outer diameter), b (inner diameter), e (inner diameter at the shoulder), t (thickness of the outer ring), t₁ (thickness of the inner ring), s (distance from the shoulder to the center), h (height of the outer ring), and z-d (number of balls and diameter). The side view shows the inner ring with dimensions b (inner diameter), e (inner diameter at the shoulder), t (thickness of the outer ring), t₁ (thickness of the inner ring), s (distance from the shoulder to the center), h (height of the outer ring), and z-d (number of balls and diameter).

K52A

球軸承 Size	L	B	H	b	e	t	t ₁	s	h	z-d
160	70	35	42	13	20	4.5	4	1.5x90°	10	3-11
200	82	40	48	16	24	4.5	4	1.5x90°	11	3-13
250	95	45	50	17	28	4.5	4	1.5x90°	12	3-13
315	114	50	62	21	32	4.5	4	1.5x90°	15	3-17
400	148	55	72	22	45	5.5	5	18	3-17	

型號/Size	L	B	H	b	e	t	t1	s	h	z-d
125	56	23	32	11	16	4	3.5	1.5x90°	7.5	3-9
160	68	30	42	13	20	4.5	4	1.5x90°	10	3-11
200	84	36	48	16	24	4.5	4	1.5x90°	11	3-13
250	90	40	50	17	28	4.5	4	1.5x90°	12	3-13
315	112	50	62	21	32	4.5	4	1.5x90°	15	3-17

Technical drawing of a bearing showing dimensions: L (total length), B (width), H (height), a (inner diameter), b (outer diameter), e (width of the inner ring), t (width of the outer ring), t1 (width of the inner ring), s (width of the outer ring), h (height of the inner ring), and z-d (number of teeth).

K52B, K55B

規格口 Size	L	B	H	a	b	e	t	t ₁	s	h	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	

L-DOG

K51T,K51,K51F楔式動力卡盤卡爪

WEDGE TYPE POWER CHUCK JAWS

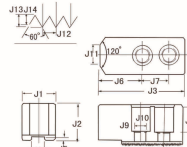


- ◎ 夾持低圓徑工件要求可隨機配置成配置。
- ◎ 連接剛性強，夾持精度高。
- ◎ 夾持直徑的調整主要是更換卡爪實現，尤其適用於加工大直徑零件。

規格/Spec	L	L1	B	H	a	b	e	t	t1	z-d	淨重KG/Net WT
160	70	18	35	42	11	11	14	5	1.5	2-9	11
200	86	20	40	50	13	13	16	6	2	2-11	20
250	105	25	45	58	15	15	20	7	2.5	2-13	31
320	130	28	50	69	18	18	22.5	8	3	2-15	53
400	160	40	50	80	20	20	30	9	3.5	2-17	83
500	19	46	55	95	22	22	39	9	3.5	2-19	134
630	235	76	60	100	24	24	50	10	4	2-22	-

日系卡盤軟爪系列1

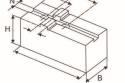
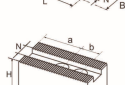
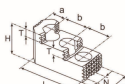
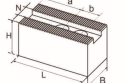
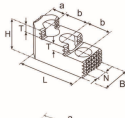
SOFT JAWS FOR JIS STANDARD



規格/Spec	J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11	J12	J13	J14	淨重/Spec
6	30	34	80	26	3.5	41	25	11	9	14	10	1.5	1.3	0.15	M8
8	36	40	90	27	3.5	45	25	14	13	17	20	1.5	1.3	0.15	M12
10	40	40	110	31	6	50	30	16	13	19	25	1.5	1.3	0.15	M12
12	50	50	130	33	6	60	30	18	15	23	30	1.5	1.3	0.15	M14
15	62	62	150	43	0.5	55	50	22	22	32	-	3.0	2.6	0.5	M20
18	62	62	150	43	8.5	55	50	22	22	32	-	3.0	2.6	0.5	M20

德系卡盤卡爪系列

JAWS FOR DIN SERIES CHUCK



Inch serrated hard top jaws "D"

If high concentration is required jaws have to be ground on the chuck at clamping pressure									
Id.No.	Serration inch	B mm	H mm	L mm	N	a mm	b mm	Mass kg/lb	
12081304	1/16"x90°	30	34	58	12	8.5	13	16	0.2
12081638	1/16"x90°	34	39	65	14	10	18	16.5	0.3
12082038	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
12083038	1/16"x90°	45	56	105	21	13.5	26	30	0.95
12084008	1/16"x90°	55	73	120	21	22	30	34	1.70
12084548	3/32"x90°	55	73	145	25.5	32	46	38	2.2
12084548	3/32"x90°	60	75	140	25.5	19	38	38	2.5
12084548	3/32"x90°	70	75	145	25.5	32	46	38	3

Inch serrated soft blank top jaws "D"

Id No.	Serration	B	H	L	N	a	b	Mass
12071300	1/16"x90°	30	35	60	12	29	16	0.3
12071680	1/16"x90°	30	35	70	14	38	16.5	0.42
12071130	1/16"x90°	35	40	80	17	47	23	0.85
12072620	1/16"x90°	40	45	110	17	60	30	1.23
12072600	1/16"x90°	45	45	110	21	60	30	1.25
90072500	1/16"x90°	60	60	120	25.5	64	34	2.6
12074000	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
12074050	3/32"x90°	60	60	170	25.5	105	38	3.6
12074040	3/32"x90°	75	75	160	25.5	87	38	5.5
12075140	3/32"x90°	80	80	205	25.5	104	38	4.5

Metric serrated hard top jaws "M"

Metric serrated hard top jaws									
If high concentration is required jaws have to be ground on the chuck at clamping pressure									
Id.No.	Serration	B	H	L	N	a	b	Mass	
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 top jaws "M"

Id No.	Serration	B	H	L	N	a	b	Mass
12071301	1.5x60°	30	35	60	12	29	16	0.3
12071621	1.5x60°	30	35	70	12	34	20	0.42
12071211	1.5x60°	35	40	80	14	47	25	0.85
12072621	1.5x60°	45	45	110	16	60	30	1.3
12072601	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

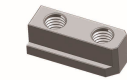
Tongue & groove soft blank top jaws "C"

Id No.	B	H	L	N	D	E	I	Mass
12041660	30	35	80	7.84	30	38.1	12.68	0.58
12042060	40	40	100	7.74	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
12043560	50	50	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

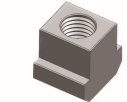
T-NUTS FOR DIN SERIES CHUCK



Tongue & groove soft blank top jaws "C"

DIN standard tongue & groove
For CL C chucks

Id. No. *	B	H	L	N	D	E	I	Mass
mm	mm	mm	mm	mm	mm	mm	mm	kg/pcs
90040800	30	30	38	8	8	14	8	0.19
90041000	30	30	48	8	8	20	8	0.23
90041300	35	35	57	14	27	27	18	0.40
90041600	40	40	75	18	34	34	18	0.72

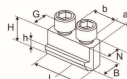


Single T-nut NST

Type 1

Id. No. *	B	H	L	N	G	a	b	h
mm	mm	mm	mm	mm	mm	mm	mm	mm
12063000	29	29	24	21	M16	11	-	-
12064200	35	34.5	30	22*	M20	15	-	-
12065000	35	34	30	25.5	M20	15	-	-
12065802	38	34	30	25.9*	M20	15	-	-
12066002	40	40	30	25.9*	M20	15.5	-	-

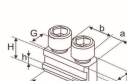
*22 mm guide in the top jaw and 25.5 mm guide in the master jaw
*25.5 mm guide in the top jaw and 28mm guide in the master jaw



Double T-nut NSTE

Type 2

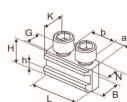
Id. No. *	B	H	L	N	G	a	b	h
mm	mm	mm	mm	mm	mm	mm	mm	mm
12081300	17	15	30	12	M8	7	16	6.5
12084000	31	33	60	21	M16	13	34	14.5
12084520	31	33	70	22	M20	16	38	14.5



Double T-nut NSTE

Type 3

Id. No. *	B	H	L	N	G	a	b	h
mm	mm	mm	mm	mm	mm	mm	mm	mm
12081200	15	15	32	12	M8	6.5	16	6.5
12081600	17	15.5	32	14	M10	8	16.5	6.5
12082100	19	20.5	43	17	M12	10	23	7.5
12082600	19	20.5	50	17	M12	10	30	7.5
12083000	25	25.5	58	21	M16	13	34	10
12083500	31	33	70	25.5	M20	16	38	14.5



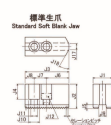
Double T-nut NSTE-M

Type 4
For metric serrated master jaws to use existing kilapaw top jaws

No.	B	H	L	N	K	G	a	b	h
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
12081602	17	18.5	36	12	14	M10	8	20	6.5
12082101	19	20.5	45	14	17	M12	10	25	7.5
12082603	19	20.5	50	16	17	M12	10	30	7.5
12083501	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



- Standard soft blank jaws are made of carbon steel, JIS S45C
- (SAE 1045 OR ISO C50 is equivalent to JIS S45C)
- 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 condition
- Size 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(g) (1個) Weight
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	18	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	80	22	6	45	25	20	14	20	13.5	M12	-	-	-	0.8
8S	1.5	34	40	78	23	5	43	25	20	14	20	13.5	M12	-	-	-	0.8
10	3.0	40	40	111	22	6	51	30	16	20	13.5	M12	-	-	-	-	1.2
10S	1.5	40	40	111	23	5	51	30	16	20	13.5	M12	-	-	-	-	1.2
12	3.0	50	50	129	32	6	60	30	18	23	15.5	M14	-	-	-	-	2.2
12S	1.5	50	50	129	33	5	60	30	18	23	15.5	M14	-	-	-	-	2.2
15	3.0	65	70	156	50	8	72	30	24	28	22	M20	-	-	-	-	4.7
15S	1.5	65	70	156	51	5	72	30	24	28	22	M20	-	-	-	-	4.7
16	1.5	30	40	70.5	26	5	35.5	20	15	12	17.5	11	M10	-	-	-	0.6
16S	1.5	30	40	69	26	5	35	20	16	12	17.5	11	M10	-	-	-	0.6
H022M	10	1.5	40	50	105	35	5	51	30	24	18	23	15.5	M14	-	-	1.3
12	1.5	30	40	70.5	26	6	60	40	25	21	20	13.5	M12	-	-	-	2.4
5	1.5	25	25	47.5	16	4	22	16	8.5	11	14	9	M8	-	4	30*	0.2
5S	1.5	25	25	47.5	16	4	22	16	8.5	11	14	9	M8	-	4	30*	0.2
H037M	8	1.5	40	40	85.5	26	5	40.5	20	16	20	13.5	M12	-	-	-	1.0
8S	1.5	40	40	85.5	26	5	40.5	20	16	20	13.5	M12	-	-	-	-	1.0
10	1.5	50	50	111	42	5	51	35	25	21	26	17.5	M16	-	-	-	2.2
10S	1.5	50	50	111	42	5	51	35	25	21	26	17.5	M16	-	-	-	2.2
15	1.5	60	60	137	47	6	60	40	25	22	M20	-	-	-	-	-	3.9
H032M	6	1.5	28	30	60	21	4	30	16	14	11	14	9	M8	-	-	0.4
6	1.5	28	30	60	21	4	30	16	14	11	14	9	M8	-	-	-	0.4
6S	1.5	28	30	59	23	5	46	25	24	14	20	13.5	M12	75	12	30*	0.8
H3KT	10	1.5	40	40	85.5	27	5	50	30	16	20	13.5	M12	80	15	15*	1.2
12	1.5	50	50	111	53	5	60	30	21	21	26	17.5	M16	-	-	-	1.8

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

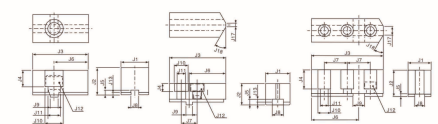
Chuck series number	Compatible chuck series number
4	H022M5 H024M5 H012D4
6	H01MA6 H010D6 H010D8
15	H01MA16 H01MA21 H01MA24
6	H022M6 H024M6 H024D6 H05M6 H05M8 H05M10
H022M	H022M10 H024M8 H024M12 H024M16 H024M18
12	H022M12 H024M12 H024M16 H024M18 H024M20
12	H022M12 H024M12 H024M16 H024M18 H024M20
H037M	H037M10 H037M12 H037M16 H037M18 H037M20
15	H027M15 H027M16 H027M18 H027M20



日系卡盤軟爪系列2 (C型)

SOFT JAWS FOR JIS STANDARD (TONGUE AND GROOVE TYPE)

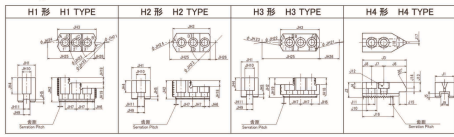
C1形 C1TYPE C2形 C2TYPE C3形 C3TYPE



Chuck series number	J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11	J12	J13	J17	J18	質量(g) (1個) Weight	爪型別 Jaw type	
H01M2	4	25	25	50	13	5.5	28	-	8	8	17.5	11	M10	23	-	-	0.2	C1
H01M2C	5	30.5	27	56	15	5.5	33	-	8	8	20	13.5	M12	23	-	-	0.34	C1
H01M2C	6	30	27	56	15	5.5	33	-	8	8	20	13.5	M12	23	-	-	0.34	C1
H01M2C	6	35	33.5	70	18	7	47	20	14	8	17.5	11	M10	33	8	30*	0.5	C1
H01M2C	8	40	44.5	84	29	7	53	20	16	12	20	13.5	M12	35	(2) (H*)	1.0	0.5	C2
H01M2C	10	50	45	100	37	6	62	30	18	15	23	15.5	M14	35	(2) (H*)	1.5	1.0	C2
H01M2C	12	60	54.5	120	36	7	78	32	20	17	26	17.5	M16	35	(2) (H*)	2.4	2.4	C2
H01M2C	15	75	69	150	45	8	98	40	25	20	34	25	M20	35	(2) (H*)	4.0	4.0	C2
H01M2C	18	90	84	180	54	9	117	48	30	24	40	30	M24	35	(2) (H*)	6.0	6.0	C2
H01M2C	20	100	94	200	60	10	130	54	34	28	45	34	M28	35	(2) (H*)	8.0	8.0	C2
H01M2C	25	125	119	250	75	12	162	68	42	36	56	42	M36	35	(2) (H*)	12.0	12.0	C2
H01M2C	30	150	144	300	90	15	195	81	51	45	68	51	M42	35	(2) (H*)	18.0	18.0	C2
H01M2C	35	175	169	350	105	17	228	94	59	51	80	61	M50	35	(2) (H*)	24.0	24.0	C2
H01M2C	40	200	194	400	120	20	261	108	68	60	92	72	M60	35	(2) (H*)	30.0	30.0	C2
H01M2C	45	225	219	450	135	22	294	121	77	66	104	81	M72	35	(2) (H*)	36.0	36.0	C2
H01M2C	50	250	244	500	150	25	327	135	86	75	116	91	M84	35	(2) (H*)	42.0	42.0	C2
H01M2C	55	275	269	550	165	27	360	148	95	84	128	101	M96	35	(2) (H*)	48.0	48.0	C2
H01M2C	60	300	294	600	180	30	393	162	104	93	140	111	M108	35	(2) (H*)	54.0	54.0	C2
H01M2C	65	325	319	650	195	32	426	175	113	102	152	121	M120	35	(2) (H*)	60.0	60.0	C2
H01M2C	70	350	344	700	210	35	459	189	122	111	164	131	M132	35	(2) (H*)	66.0	66.0	C2
H01M2C	75	375	369	750	225	37	492	202	131	120	176	141	M144	35	(2) (H*)	72.0	72.0	C2
H01M2C	80	400	394	800	240	40	525	216	140	129	188	151	M156	35	(2) (H*)	78.0	78.0	C2
H01M2C	85	425	419	850	255	42	558	229	149	138	200	161	M168	35	(2) (H*)	84.0	84.0	C2
H01M2C	90	450	444	900	270	45	591	243	158	147	212	171	M180	35	(2) (H*)	90.0	90.0	C2
H01M2C	95	475	469	950	285	47	624	256	167	156	224	181	M192	35	(2) (H*)	96.0	96.0	C2
H01M2C	100	500	494	1000	300	50	657	270	176	165	236	191	M204	35	(2) (H*)	102.0	102.0	C2
H01M2C	105	525	519	1050	315	52	690	283	185	174	248	201	M216	35	(2) (H*)	108.0	108.0	C2
H01M2C	110	550	544	1100	330	55	723	297	194	183	260	211	M228	35	(2) (H*)	114.0	114.0	C2
H01M2C																		

日系卡盤硬爪系列

HARD JAWS FOR JIS STANDARD



Chuck series number	series (No.)	J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11	J12	J13	J14	J15	J16	J17	J18	質量 (kg)	最大 保持 径 (mm)
HD1MA	6	3	35	46	85.2	31	6	13.5	20	12	17.5	11	10	10	44	104	128	66	108	25	0.6
	8	3	40	55	87.8	37	6	17	25	14	20	13.5	12	12	42	108	160	48	108.5	22.5	0.7
	10	3	40	56	88.7	39	6	15	20	15	20	13.5	13	80	145	208	53	120	45	1.0	
	12	3	50	62	104.4	45	6	16	30	18	23	18	15	15	140	200	70	134.5	71.5	1.5	
	15	3	65	75	133.2	55	6	20	50	28	32	22	30	—	—	300	150	225	49	3.3	
HD3TM	6	1.5	28	30	54.3	22	5	12	14	11	14	9	8	—	—	75	20	63	12	0.3	
	8	1.5	35	35	64.3	22	5	10	20	12	17.5	11	11	—	—	86	12	69.5	9.5	0.4	
	10	1.5	40	40	80.3	26	5	11.5	20	16	20	15.5	13	—	—	106	16	87	11	0.8	
	12	1.5	45	45	95.3	30	5	13	30	18	23	18	15	—	—	138	24	109	16	1.2	
	15	1.5	50	50	109.3	37	5	15.5	35	21	26	18	20	—	—	166	32	124.5	17.5	1.8	
H3KT	6	1.5	30	60	132.8	41	8	18	42	28	32	22	20	12	90	116	205	65	164	32	3.0
	8	1.5	31	25	70.8	23	5	14	20	12	17.5	11	12	71	106	66	104	38	6.3	—	—
	10	1.5	35	31	87	28	8	19	25	14	20	13.5	12	13	100	186	169	87	127	38	0.6
	12	1.5	40	35	101.3	35	8	10.5	30	18	20	13.5	13	13	100	186	169	87	127	38	0.6
	15	1.5	50	42	106.64	35	5	20.35	30	21	26	17.5	17	—	—	210	82	136.3	34.5	1.0	—

Chuck series number	series (No.)	J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11	J12	J13	J14	J15	J16	J17	J18	質量 (kg)	最大夾持直徑 (mm)
HD5M	6	1.5	31	23.5	73	10	5	38	20	15	12	17.5	11	M10	15.5	6	13	48.5	1.5	60°	0.4
	8	1.5	35	26	89.5	12	5	44.5	25	20	16	20	13.5	M12	18	7	14.5	57	1.3	60°	0.5
	10	1.5	40	29	103.5	14	5	48.5	30	25	18	23	15.5	M14	21	7	16	67.5	1.5	60°	0.7
	12	1.5	45	32	122	16	5	52	40	30	21	26	17.5	M16	22	7	16.5	85.5	1.5	60°	0.9

夾持範圍 (mm)	1-2				2-3													
Check table	A	B	C	D	A	B	C	D										
H01M4	6	49	66	25	41	85	—	101	109	125	19	23	60	75	120	136	144	160
	8	75	109	18	82	—	117	135	169	23	37	69	83	106	166	188	222	260
	10	82	136	27	81	85	—	140	148	203	24	36	88	139	145	190	208	262
	12	88	148	34	119	94	—	179	203	241	28	40	94	178	154	238	260	326
	15	116	200	—	—	—	—	—	198	294	302	30	—	—	—	—	300	364
H03T8	4	23	40	—	—	—	—	—	61	67	11	15	—	—	—	—	75	83
	6	23	63	—	—	—	—	—	63	69	10	14	—	—	—	—	77	87
	6	54	82	—	—	—	—	—	87	114	13	14	—	—	—	—	128	155
	8	54	103	—	—	—	—	—	102	151	10	55	—	—	—	—	102	201
	10	84	140	—	—	—	—	—	140	187	72	72	—	—	—	—	167	247
H3K1	12	84	184	—	—	—	—	—	173	239	26	92	—	—	—	—	241	307
	15	119	260	—	—	—	—	—	200	284	36	121	—	—	—	—	282	367
	8	75	78	96	126	32	60	200	147	142	24	58	60	84	71	101	182	192
	8	75	109	8	43	74	—	109	107	142	24	58	60	84	125	159	158	192
	12	101	166	—	—	—	—	166	223	242	42	108	68	139	102	148	228	282



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