

油壓夾頭	氣壓夾盤
零組件	手動夾頭
超薄夾盤	鋼殼夾頭
歐規夾頭	輪殼夾頭

- *Hydraulic chucks series*
- *Pneumatic chucks series*
- *Parts & Accessories series*
- *Scroll chucks series*
- *Super Thin chucks series*
- *Steel Body chucks series*
- *DIN 6350 chucks series*
- *LMC Wheel chucks series*



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經銷商

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千島精密夾盤
CHANDOX PRECISION CHUCKS



【三個理念】 品質、設計、製造

- 千島提供品質第一的產品
- 千島提供設計創新的產品
- 千島提供專業製造的產品

【四個堅持】

- 我們堅持最優秀的人才
- 我們堅持最創新的技術
- 我們堅持最先進的設備
- 我們堅持最完善的環境

【Three concepts】 Quality, Design, Manufacture

- CHANDOX provides products of the best quality.
- CHANDOX provides products of innovative design.
- CHANDOX provides products of professional manufacture.

【Four insistences】

- We insist on the most outstanding human resources.
- We insist on the most innovative technology.
- We insist on the most advanced equipments.
- We insist on the most perfect manufacturing environment.

CHANDOX

新產品 系列介紹 千島全系列產品均已投保產品責任險二百萬美金

NEW PRODUCT HIGHLIGHT All series of CHANDOX products have products liability insurance of US \$2,000,000.



CL-DP
三爪中實油壓夾頭(大規格)
3-JAW SOLID POWER CHUCKS



OPB
大孔徑三爪高速中空油壓夾頭
LARGE THROUGH HOLE 3-JAW
HIGH SPEED POWER
CHUCK



P-S
大孔徑超薄中空油壓迴轉缸
LARGE THROUGH HOLE
SUPER THIN HOLLOW
ROTARY HYDRAULIC CYLINDER



PL
後拉式油壓夾頭
PULL BACK
POWER CHUCKS



RT
迴轉式氣壓夾盤
ROTARY AIR
CHUCK FIXTURES



MA
兩軸自動求心氣壓夾盤
2 ACTUATING AXES
SELF-CENTERING SOLID AIR CHUCK
FIXTURES

MTB
氣壓迴轉器
AIR FEED TUBE

MR-S
雙氣缸三爪氣壓夾盤
3-JAW AIR CHUCK
FIXTURES BUILT-IN 2
CYLINDERS

MTK
內藏式超精密三爪氣壓夾盤
3-JAW SUPER PRECISION
AIR CHUCK FIXTURES

MTK-T
內藏式超精密二爪氣壓夾盤
2-JAW SUPER PRECISION
AIR CHUCK FIXTURES

TK
三爪超精密氣壓夾頭
3-JAW SUPER
PRECISION AIR CHUCKS

TK-T
二爪超精密氣壓夾頭
2-JAW SUPER
PRECISION AIR CHUCKS

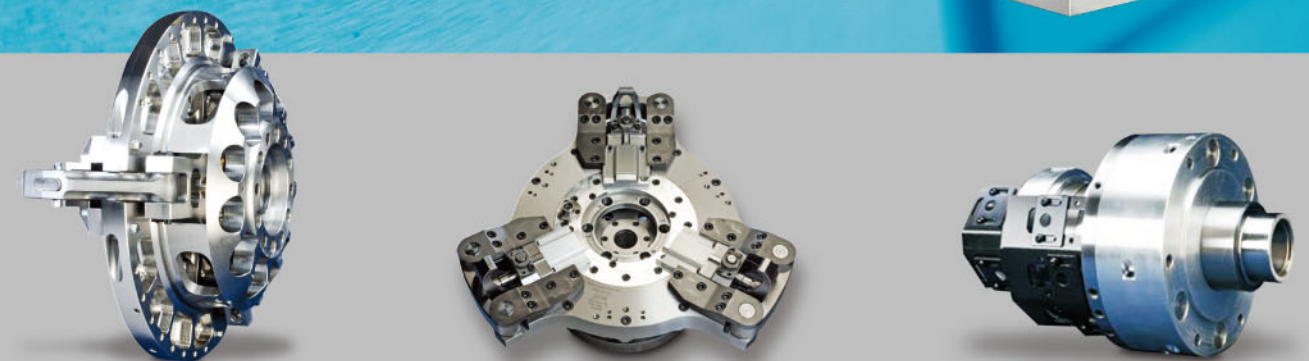
TB
氣壓迴轉器
AIR FEED TUBE

本產品精密度可達 μ 級
This product reaches the
repeatability of " μ degree".



代理產品
輪殼夾頭 LMC WHEEL CHUCKS

LMC Workholding (Made In USA) 美國製造



INDEX

油壓夾頭系列 / HYDRAULIC CHUCKS SERIES

08 OPT
二爪高速中空油壓夾頭
2-JAW HIGH SPEED HOLLOW POWER CHUCKS

09 OP
三爪高速中空油壓夾頭
3-JAW HIGH SPEED HOLLOW POWER CHUCKS

10 OPF
四爪高速中空油壓夾頭
4-JAW HIGH SPEED HOLLOW POWER CHUCKS

11 P
高速中空油壓迴轉缸
SUPER HIGH SPEED HOLLOW ROTARY HYDRAULIC CYLINDERS

12 P-S
薄型高速中空油壓迴轉缸
HIGH SPEED COMPACT HOLLOW ROTARY HYDRAULIC CYLINDER

13 OPB
大孔徑三爪高速中空油壓夾頭
LARGE THROUGH HOLE 3-JAW HIGH SPEED POWER CHUCK

14 P-S
大孔徑超薄中空油壓迴轉缸
LARGE THROUGH HOLE SUPER THIN HOLLOW ROTARY HYDRAULIC CYLINDER

15 PL
後拉式油壓夾頭
PULL BACK POWER CHUCKS

16 CLT
二爪中實油壓夾頭
2-JAW SOLID POWER CHUCKS

17 CL
三爪中實油壓夾頭
3-JAW SOLID POWER CHUCKS

18 CL-DP
三爪中實油壓夾頭
3-JAW SOLID POWER CHUCKS

19 L
中實油壓迴轉缸
SOLID ROTARY HYDRAULIC CYLINDERS

20 L-R
中實油壓迴轉缸 (附止逆裝置)
SOLID ROTARY HYDRAULIC CYLINDER (BUILT-IN CHECK VALVE)

21 L-RE
中實油壓迴轉缸 (附止逆及檢知裝置)
SOLID ROTARY HYDRAULIC CYLINDER (BUILT-IN CHECK VALVE & SENSOR)

23 MOT
內藏式中空油壓二爪夾盤
2-JAW HOLLOW POWER CHUCK FIXTURES (HYDRAULIC)

24 MO
內藏式中空油壓三爪夾盤
3-JAW HOLLOW POWER CHUCK FIXTURES (HYDRAULIC)

氣壓夾盤系列 PNEUMATIC CHUCKS SERIES

22 MA
兩軸自動求心氣壓夾盤
2 ACTUATING AXES SELF-CENTERING SOLID AIR CHUCK FIXTURES

23 MOT
內藏式中空氣壓二爪夾盤
2-JAW HOLLOW POWER CHUCK FIXTURES (PNEUMATIC)

24 MO
內藏式中空氣壓三爪夾盤
3-JAW HOLLOW POWER CHUCK FIXTURES (PNEUMATIC)

25 MTK-T
內藏式超精密二爪氣壓夾盤
2-JAW SUPER PRECISION AIR CHUCK FIXTURES

26 MTK
內藏式超精密三爪氣壓夾盤
3-JAW SUPER PRECISION AIR CHUCK FIXTURES

27 TK-T
二爪超精密氣壓夾頭
2-JAW SUPER PRECISION AIR CHUCKS

28 TK
三爪超精密氣壓夾頭
3-JAW SUPER PRECISION AIR CHUCKS

29 TB, TBC
氣壓迴轉器
AIR FEED TUBE
氣壓迴轉器 (注水型)
AIR FEED TUBE (FOR GRINDER MACHINES)

30 ADP, J
連結盤
MOUNTING PLATES
超精密夾頭生爪
SOFT JAWS FOR SUPER PRECISION CHUCKS

31 FR, MTB
超精密生爪成型盤
FORMING RINGS (FOR SOFT JAWS OF SUPER PRECISION AIR CHUCKS)
氣壓迴轉器
AIR FEED TUBE

32 MR
三爪氣壓夾頭
3-JAW AIR CHUCK

33 MR-S
雙氣缸三爪氣壓夾頭
3-JAW AIR CHUCK BUILT-IN 2 CYLINDERS

34 RT-T
二爪迴轉式氣壓夾盤
2-JAW ROTARY AIR CHUCK FIXTURES

34 RT
三爪迴轉式氣壓夾盤
3-JAW ROTARY AIR CHUCK FIXTURES

零組件系列 PARTS & ACCESSORIES

35 PE, LZ
擋料桿
BAR STOPPER
CNC車床拉料器
BAR PULLER FOR CNC LATHES

36 SJ
油壓生爪
SOFT JAWS (SJ-SERIES) FOR HYDRAULIC CHUCKS

36
特殊油壓生爪
SPECIAL SOFT JAWS FOR HYDRAULIC CHUCKS

37 HJ
油壓硬爪
HARD JAWS (HJ-SERIES) FOR HYDRAULIC CHUCKS

37 S
後拉式夾頭專用生爪
SOFT JAWS FOR PULL BACK POWER CHUCKS

38
連結盤
MOUNTING PLATES

手動夾頭系列 SCROLL CHUCKS SERIES

39 SC
普通型三爪夾頭
3-JAW SCROLL CHUCKS

39 AS
錐型六爪夾頭
6-JAW AWL TYPE CHUCKS

40 PS
運動型四爪夾頭
4-JAW SCROLL CHUCKS

40 AE
錐型八爪夾頭
8-JAW AWL TYPE CHUCKS

41 SK
強力型三爪夾頭
3-JAW POWERFUL TYPE SCROLL CHUCKS

41 A1
直裝型三爪夾頭
3-JAW A1 TYPE CHUCKS

42 PSK
強力運動型四爪夾頭
4-JAW POWERFUL TYPE SCROLL CHUCKS

42 D1
直裝型三爪夾頭
3-JAW D1 TYPE CHUCKS

50 SO
強力生爪
POWER SOFT JAWS

43 NBK
強力超薄型夾盤
POWERFUL TYPE SUPER THIN CHUCKS

超薄夾盤系列 SUPER THIN CHUCKS SERIES

44 MC
方型超薄夾盤
SUPER THIN SQUARE CHUCKS

45 SE
超薄夾盤
SUPER THIN CHUCKS

46 TNT
齒式鋼殼二爪夾頭
2-JAW STEEL BODY CHUCKS

47 NT
齒式鋼殼三爪夾頭
3-JAW STEEL BODY CHUCKS

48 CT
可調式普通型三爪鋼殼夾頭
3-JAW ADJUSTMENT STEEL BODY SCROLL CHUCKS

48 FCT
可調式普通型四爪鋼殼夾頭
4-JAW ADJUSTMENT STEEL BODY SCROLL CHUCKS

49 TKT
可調式強力型二爪鋼殼夾頭
2-JAW POWERFUL TYPE ADJUSTMENT STEEL BODY CHUCKS

49 KT
可調式強力型三爪鋼殼夾頭
3-JAW POWERFUL TYPE ADJUSTMENT STEEL BODY CHUCKS

50 FKT
可調式強力型四爪鋼殼夾頭
4-JAW POWERFUL TYPE ADJUSTMENT STEEL BODY CHUCKS

鋼殼夾頭系列 STEEL BODY CHUCKS SERIES

DIN歐規夾頭系列 DIN CHUCKS SERIES

51 3DCT
普通型三爪鋼殼夾頭
3-JAW
STEEL BODY
SCROLL CHUCKS



52 3DACT
可調式普通型
三爪鋼殼夾頭
3-JAW
ADJUSTMENT
STEEL BODY
SCROLL CHUCKS



51 4DCT
普通型四爪鋼殼夾頭
4-JAW
STEEL BODY
SCROLL CHUCKS



52 4DACT
可調式普通型
四爪鋼殼夾頭
4-JAW
ADJUSTMENT
STEEL BODY
SCROLL CHUCKS



53 6DCT
普通型六爪鋼殼夾頭
6-JAW
STEEL BODY
SCROLL CHUCKS



54 6DACT
可調式普通型
六爪鋼殼夾頭
6-JAW
ADJUSTMENT
STEEL BODY
SCROLL CHUCKS



53 3DKT
強力型三爪鋼殼夾頭
3-JAW POWERFUL
TYPE STEEL BODY
CHUCKS



54 3DAKT
可調式強力型
三爪鋼殼夾頭
3-JAW POWERFUL
TYPE ADJUSTMENT
STEEL BODY
CHUCKS



55 4DKT
強力型四爪鋼殼夾頭
4-JAW POWERFUL
TYPE STEEL BODY
CHUCKS



56 4DAKT
可調式強力型
四爪鋼殼夾頭
4-JAW POWERFUL
TYPE ADJUSTMENT
STEEL BODY
CHUCKS



55 6DKT
強力型六爪鋼殼夾頭
6-JAW POWERFUL
TYPE STEEL BODY
CHUCKS



56 6DAKT
可調式強力型
六爪鋼殼夾頭
6-JAW POWERFUL
TYPE ADJUSTMENT
STEEL BODY
CHUCKS



輪殼夾頭系列 LMC WHEEL CHUCKS SERIES

代理商品



57,58
標準和輕型系列
STANDARD AND
LIGHTWEIGHT
SERIES



59
精實生產系列
LEAN
PRODUCTION
SERIES



60
夾頭制動器/
油壓缸
CHUCK
ACTUATORS

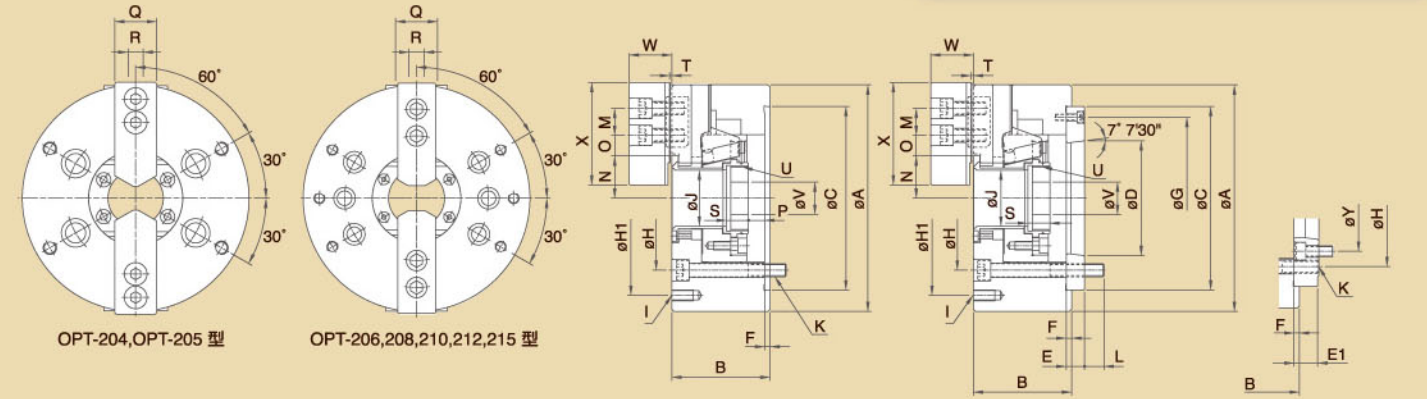


OPT 2-JAW HIGH SPEED HOLLOW POWER CHUCKS

二爪高速中空油壓夾頭



尺寸圖 > Dimensions



規格表 > Specifications

單位/UNIT:mm

型式/規格 MODEL / SPEC.	主軸鼻端番號 Nose Of Spindle	A	B	C (h6)	D	E	E1	F	G	H	H1	I	J	K	L
OPT-204	--	110	59	85	--	--	--	4	--	70.6	--	--	26	4-M10x1.5P	--
OPT-205	A ₂ -4	135	60	110	63.513	20	--	4	96	82.6	PCDø118	4-M8x1.25P	33	4-M10x1.5P	15
OPT-206	A ₂ -5	169	81	140	82.563	15	--	5	116	104.8	PCDø145	6-M10x1.5P	45	6-M10x1.5P	16
OPT-208	A ₂ -6(A ₂ -5)	210	91	170	106.375	17	23	5	150	133.4	PCDø180	6-M10x1.5P	52	6-M12x1.75P	18
OPT-210	A ₂ -8(A ₂ -6)	254	100	220	139.719	18	28	5	190	171.4	PCDø225	6-M12x1.75P	75	6-M16x2P	19
OPT-212	A ₂ -8	304	110	220	139.719	18	--	6	190	171.4	PCDø250	6-M12x1.75P	91	6-M16x2P	25
OPT-215	A ₂ -11(A ₂ -8)	381	133	300	196.869	22	33	6	260	235	PCDø324	6-M12x1.75P	117.5	6-M20x2.5P	28

型式/規格 MODEL / SPEC.	M	N max.	N min.	O max.	O min.	P max.	P min.	Q	R	S	T	U	V	W	X	Y	通孔直徑 Thru-Hole [Diameter] (mm)	柱塞行程 Plunger Stroke (mm)
OPT-204	14	23	20.3	11.5	6.7	3.5	-6.5	23	10	17.5	2	M32x1.5P	12	24	49.5	--	26	10
OPT-205	14	26.2	23.5	19	6	1	-9	25	10	20	2	M40x1.5P	12	31.5	62	--	33	10
OPT-206	20	32.35	29.6	24	7	11	-1	31	12	19	2	M55x2P	20	37	73	--	45	12
OPT-208	25	39.1	35.4	30	10	14.5	-1.5	35	14	20.5	2	M60x2P	30	39	95	104.8	52	16
OPT-210	30	51.5	47.1	34	12	8.5	-10.5	40	16	25	2	M85x2P	40	43	110	133.4	75	19
OPT-212	30	61.6	56.3	46	12	8	-15	50	21	28	2	M100x2P	50	51	129	--	91	23
OPT-215	43	82.3	77	46	13	7.5	-16	62	22	42.5	5	M130x2P	48	66	165	171.4	117.5	23

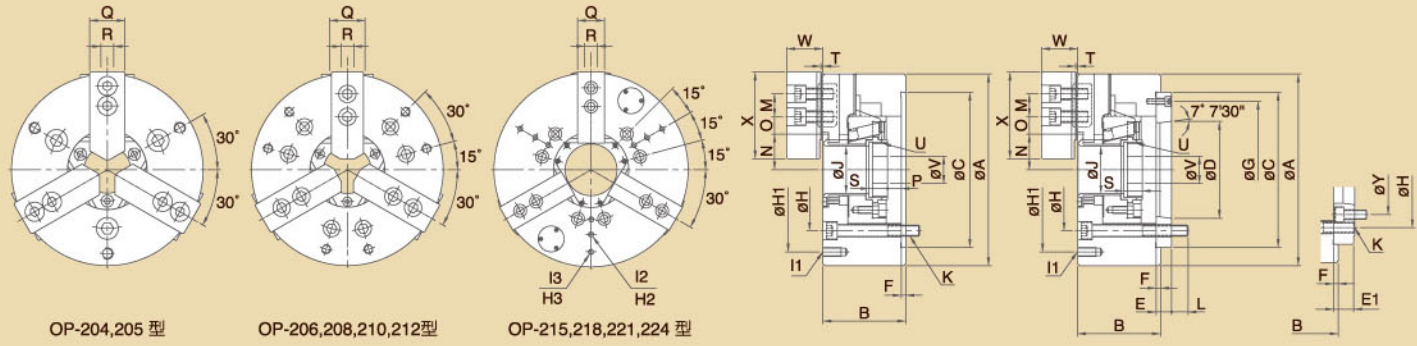
型式/規格 MODEL / SPEC.	爪行程 (直徑) Jaw Stroke [Diameter] (mm)	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)	最大拉力 Max. Pull Force kgf (KN)	最大靜夾持力 Max. Gripping Force kgf (KN)	最大設定 油壓壓力 Max. Hydr. Pressure kgf/cm ² (Mpa)	淨重 Weight (kg)	搭配 油壓缸型號 Matching Cylinder	夾持範圍 Gripping Range
OPT-204	5.4	8000	920 (9)	1930 (19)	15.5 (1.5)	3.6	P1036	ø7~ø110
OPT-205	5.4	7000	1120 (11)	2340 (23)	19 (1.9)	6.5	P1036	ø10~ø135
OPT-206	5.5	6000	1420 (14)	3770 (37)	18.5 (1.8)	13.1	P1246	ø13~ø169
OPT-208	7.4	5000	2240 (22)	5710 (56)	17 (1.7)	23.0	P1552	ø13~ø210
OPT-210	8.8	4200	2850 (28)	7440 (73)	18 (1.8)	35.9	P1875	ø30~ø254
OPT-212	10.6	3300	3670 (36)	9690 (95)	18 (1.8)	56.6	P2091	ø35~ø304
OPT-215	10.6	2500	4790 (47)	12130 (119)	17 (1.7)	103.2	P2511	ø35~ø381

OP 3-JAW HIGH SPEED HOLLOW POWER CHUCKS

三爪高速中空油壓夾頭



尺寸圖 > Dimensions



OP-204,205型 OP-206,208,210,212型 OP-215,218,221,224型

規格表 > Specifications

單位/UNIT:mm

型式/規格 MODEL /SPEC.	主軸 鼻端番號 Nose Of Spindle	A	B	C (h6)	D	E	E1	F	G	H	H1	I1	H2	I2	H3
OP-204	--	110	59	85	--	--	--	4	--	70.6	--	--	--	--	--
OP-205	A ₂ -4	135	60	110	63.513	20	--	4	96	82.6	PCDø118	3-M8x1.25P	--	--	--
OP-206	A ₂ -5	169	81	140	82.563	15	--	5	116	104.8	PCDø145	6-M10x1.5P	--	--	--
OP-208	A ₂ -6(A ₂ -5)	210	91	170	106.375	17	23	5	150	133.4	PCDø180	6-M10x1.5P	--	--	--
OP-210	A ₂ -8(A ₂ -6)	254	100	220	139.719	18	28	5	190	171.4	PCDø225	6-M12x1.75P	--	--	--
OP-212	A ₂ -8	304	110	220	139.719	18	--	6	190	171.4	PCDø250	6-M12x1.75P	--	--	--
OP-215	A ₂ -11(A ₂ -8)	381	133	300	196.869	22	33	6	260	235	--	--	PCDø230	3-M12x1.75P	PCDø300
OP-218	A ₂ -11(A ₂ -8)	450	133	300	196.869	22	33	6	260	235	PCDø230	3-M12x1.75P	PCDø300	3-M12x1.75P	PCDø380
OP-221	A ₂ -15(A ₂ -11)	530	140	380	285.775	27	41	6	330.2	330.2	PCDø300	3-M16x2P	PCDø380	3-M16x2P	PCDø460
OP-224	A ₂ -20(A ₂ -15)	610	149	520	412.745	27	42	6	463.6	463.6	PCDø350	3-M16x2P	PCDø450	3-M16x2P	PCDø550

型式/規格 MODEL /SPEC.	I3	J	K	L	M	N max.	N min.	O max.	O min.	P max.	P min.	Q	R	S	T	U	V	W	X
OP-204	--	26	3-M10x1.5P	--	14	23	20.3	11.5	6.7	3.5	-6.5	23	10	17.5	2	M32x1.5P	12	24	49.5
OP-205	--	33	3-M10x1.5P	15	14	26.2	23.5	19	6	1	-9	25	10	20	2	M40x1.5P	12	31.5	62
OP-206	--	45	6-M10x1.5P	16	20	32.35	29.6	24	7	11	-1	31	12	19	2	M55x2P	20	37	73
OP-208	--	52	6-M12x1.75P	18	25	39.1	35.4	30	10	14.5	-1.5	35	14	20.5	2	M60x2P	30	39	95
OP-210	--	75	6-M16x2P	19	30	51.5	47.1	34	12	8.5	-10.5	40	16	25	2	M85x2P	40	43	110
OP-212	--	91	6-M16x2P	25	30	61.6	56.3	46	12	8	-15	50	21	28	2	M100x2P	50	51	129
OP-215	3-M12x1.75P	117.5	6-M20x2.5P	28	43	82.3	77	46	13	7.5	-16	62	22	42.5	5	M130x2P	48	66	165
OP-218	3-M12x1.75P	120	6-M20x2.5P	28	43	83.8	78.5	78	18	7.5	-16	62	22	42.5	5	M130x2P	48	66	165
OP-221	3-M16x2P	180	6-M24x3P	33	60	119.6	114.3	63.3	21.3	10.5	-13	65	25	42.5	5	M195x2P	80	73.5	180
OP-224	3-M16x2P	205	6-M24x3P	37	60	134.4	128.4	87.3	21.3	13.5	-11	65	25	42.5	5	M220x3P	80	73.5	180

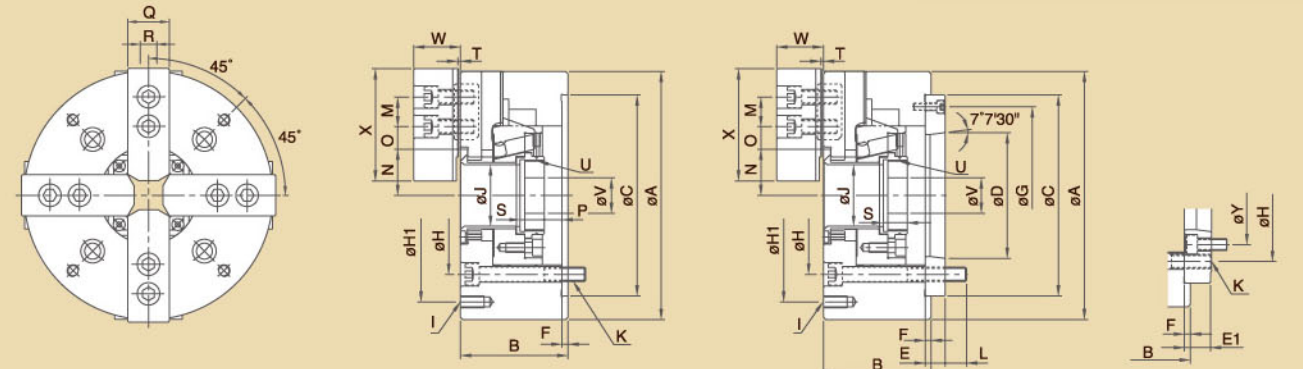
型式/規格 MODEL /SPEC.	Y	通孔直徑 Thru-Hole [Diameter] (mm)	柱塞行程 Plunger Stroke (mm)	爪行程 [直徑] Jaw Stroke [Diameter] (mm)	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)	最大拉力 Max. Pull Force kgf (KN)	最大靜夾持力 Max. Gripping Force kgf (KN)	最大設定 油壓壓力 Max. Hydr. Pressure kgf/cm ² (Mpa)	淨重 Weight (kg)	搭配 油壓缸型號 Matching Cylinder	夾持範圍 Gripping Range
OP-204	--	26	10	5.4	8000	1428 (14)	2850 (28)	24 (2.3)	3.8	P1036	ø7~ø110
OP-205	--	33	10	5.4	7000	1730 (17)	3570 (35)	29 (2.8)	6.1	P1036	ø10~ø135
OP-206	--	45	12	5.5	6000	2140 (21)	5710 (56)	28 (2.7)	12.5	P1246	ø13~ø169
OP-208	104.8	52	16	7.4	5000	3360 (33)	8360 (82)	26 (2.5)	21.9	P1552	ø13~ø210
OP-210	133.4	75	19	8.8	4200	4280 (42)	11010 (108)	27 (2.6)	33.7	P1875	ø30~ø254
OP-212	--	91	23	10.6	3300	5500 (54)	14380 (141)	27 (2.6)	55.3	P2091	ø35~ø304
OP-215	171.4	117.5	23	10.6	2500	7140 (70)	18250 (179)	24.5 (2.4)	106.8	P2511	ø35~ø381
OP-218	171.4	120	23	10.6	2000	7140 (70)	18250 (179)	24.5 (2.4)	152	P2511	ø40~ø450
OP-221	235	180	23	10.6	1700	9080 (89)	23760 (233)	31.5 (3.0)	195.2	P2816	ø115~ø530
OP-224	330.2	205	26	12	1400	9080 (89)	23760 (233)	31.5 (3.0)	269.4	P2816	ø140~ø610

OPF 4-JAW HIGH SPEED HOLLOW POWER CHUCKS

四爪高速中空油壓夾頭



尺寸圖 > Dimensions



規格表 > Specifications

單位/UNIT:mm

型式/規格 MODEL /SPEC.	主軸鼻端番號 Nose Of Spindle	A	B	C (h6)	D	E	E1	F	G	H	H1	I	J	K	L
OPF-206	A ₂ -5	169	81	140	82.563	15	--	5	116	104.8	PCDø145	4-M10x1.5P	45	4-M10x1.5P	16
OPF-208	A ₂ -6(A ₂ -5)	210	91	170	106.375	17	23	5	150	133.4	PCDø180	4-M10x1.5P	52	4-M12x1.75P	18
OPF-210	A ₂ -8(A ₂ -6)	254	100	220	139.719	18	28	5	190	171.4	PCDø225	4-M12x1.75P	75	4-M16x2P	19
OPF-212	A ₂ -8	304	110	220	139.719	18	--	6	190	171.4	PCDø250	4-M12x1.75P	91	4-M16x2P	25
OPF-215	A ₂ -11(A ₂ -8)	381	133	300	196.869	22	33	6	260	235	PCDø324	4-M12x1.75P	117.5	4-M20x2.5P	28

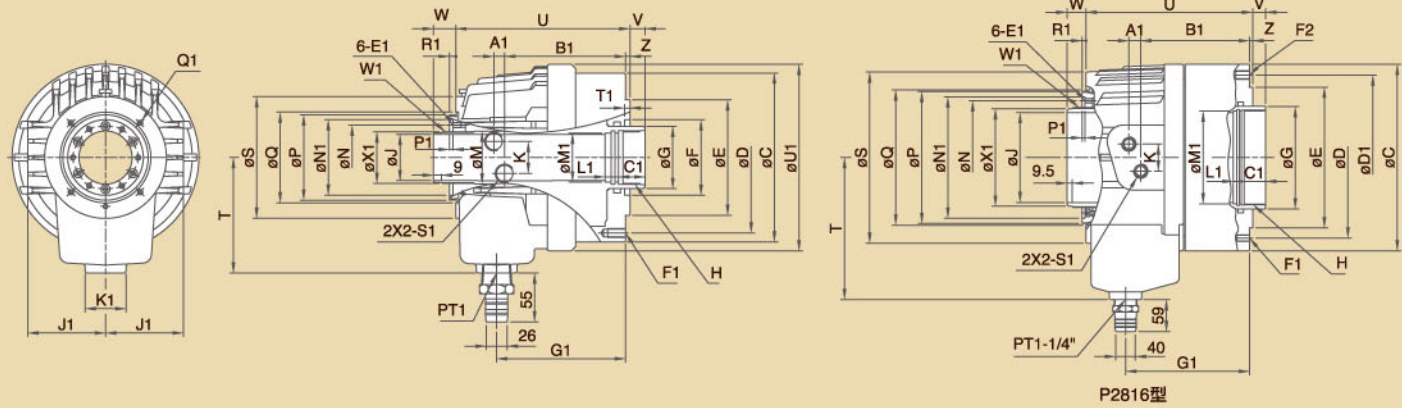
型式/規格 MODEL /SPEC.	M	N max.	N min.	O max.	O min.	P max.	P min.	Q	R	S	T	U	V	W	X	Y	通孔直徑 Thru-Hole [Diameter] (mm)	柱塞行程 Plunger Stroke (mm)
OPF-206	20	32.35	29.6	24	7	11	-1	31	12	19	2	M55x2P	20	37	73	--	45	12
OPF-208	25	39.1	35.4	30	10	14.5	-1.5	35	14	20.5	2	M60x2P	30	39	95	104.8	52	16
OPF-210	30	51.5	47.1	34	12	8.5	-10.5	40	16	25	2	M85x2P	40	43	110	133.4	75	19
OPF-212	30	61.6	56.3	46	12	8	-15	50	21	28	2	M100x2P	50	51	129	--	91	23
OPF-215	43	82.3	77	46	13	7.5	-15	62	22	42.5	5	M130x2P	48	66	165	171.4	117.5	23

型式/規格 MODEL /SPEC.	爪行程 [直徑] Jaw Stroke [Diameter] (mm)	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)	最大拉力 Max. Pull Force kgf (KN)	最大靜夾持力 Max. Gripping Force kgf (KN)	最大設定 油壓壓力 Max. Hydr. Pressure kgf/cm ² (Mpa)	淨重 Weight (kg)	搭配 油壓缸型號 Matching Cylinder	夾持範圍 Gripping Range
OPF-206	5.5	4500	1630 (16)	4180 (41)	21 (2.1)	14.2	P1246	ø22~ø169
OPF-208	7.4	3600	2440 (24)	6010 (59)	19 (1.9)	24.5	P1552	ø25~ø210
OPF-210	8.8	3200	3160 (31)	8050 (79)	20 (2.0)	38.1	P1875	ø28~ø254
OPF-212	10.6	2500	4080 (40)	10400 (102)	20 (2.0)	60.5	P2091	ø35~ø304
OPF-215	10.6	1800	5400 (53)	13600 (134)	19 (1.9)	111.5	P2511	ø63~ø381

高速中空油壓迴轉缸



尺寸圖 » Dimensions



規格表 » Specifications

單位/UNIT:mm

型式/規格 MODEL /SPEC.	A1	B1	C	C1	D	D1	E	E1	F	F1	F2	G	G1	H	J	J1	K	K1	L1
P1036	11	120	136	25	115	--	100	M5x0.8P	65	6-M10x1.5P	--	48	126	M42x1.5P	36	68	32	46	15
P1246	12	126.5	155	30	130	--	100	M6x1P	80	12-M10x1.5P	--	65	134	M55x2P	46	76	36	46	15
P1552	12	136	190	30	170	--	130	M6x1P	85	12-M10x1.5P	--	70	145	M60x2P	52	87.5	36	46	15
P1875	17.5	154.5	215	35	190	--	160	M6x1P	125	12-M10x1.5P	--	95	162	M85x2P	75	101	36	46	15
P2091	21	168	240	35	215	--	180	M6x1P	140	12-M12x1.75P	--	110	183	M100x2P	91	110	36	46	15
P2511	27	191	310	45	275	--	230	M6x1P	166	12-M16x2P	--	140	218	M130x2P	117.5	135	40	46	15
P2816	22	201	345	45	298	305	260	M8x1.25P	--	12-M12x1.75P	12-M16x2P	190	229	M175x3P	166.5	180	50	60	15

型式/規格 MODEL /SPEC.	M	M1	N	N1	P	P1	Q	Q1	R1	S	S1	T	T1	U	U1	V max.	V min.	W max.	W1	X1 min.	
P1036	44.6	38	55	64	73	6	80	4-M5x0.8P(PCDø88)	5	105	PT3/8	115	6	179	154	10	-5	39	M44x1.5P	24	42
P1246	52.9	50	64	76	85	4	90	4-M5x0.8P(PCDø98)	6	116	PT1/2	115	6	184	172	10	-5	40	M52x1.5P	25	50
P1552	59.6	55	73	85	96	4	102	4-M6x1P(PCDø110)	7	135	PT1/2	130	6	196	210	17	-5	47	M58x1.5P	25	56
P1875	84.6	80	98	108	121	4	131	4-M6x1P(PCDø155)	7	164	PT1/2	160	4	230	235	20	-5	50	M84x2P	25	81
P2091	99.6	95	108	120	138	4	147	4-M6x1P(PCDø165)	7	180	PT1/2	185	6	253	260	25	-5	55	M99x2P	25	96
P2511	134.6	125	148	160	178	5	184	4-M6x1P(PCDø206)	7	230	PT1/2	210	7	304	302	24	-6	55	M134x2P	25	130
P2816	185	171.5	210	224	244	5	250	6-M6x1P(PCDø275)	7	316	PT3/4	262.5	--	308	--	24	-6	65	M185x3P	35	180

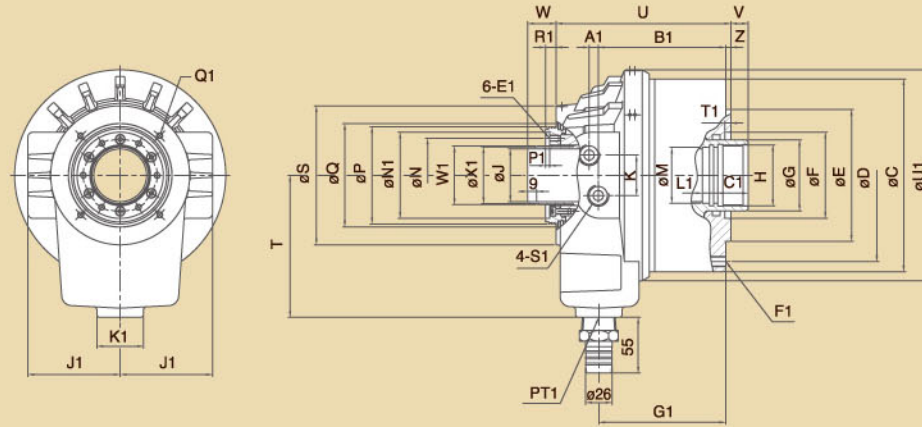
型式/規格 MODEL /SPEC.	Z	活塞行程 Piston Stroke (mm)	最高迴轉速 Max. Speed r.p.m.(min ⁻¹)	活塞直徑 Piston Dia.(mm)	GD ² (kg·m ²)	流量 Oil Leakage Rate (l/min)	最高 使用壓力 Max. Pressure kgf/cm ² (Mpa)	活塞面積 Piston Area (cm ²)	最大推(拉)力 Max. Operating Force	淨重 Weight (kg)					
								推側 Push Side	拉側 Pull Side						
P1036	5	15	8000	105	0.012	3.0	40	(3.9)	70	68	2500	(24.5)	2400	(23.5)	9.0
P1246	5	15	7000	125	0.019	3.0	40	(3.9)	100	89	3700	(36.2)	3200	(31.3)	11.9
P1552	5	22	6200	155	0.053	3.9	40	(3.9)	160	150	5900	(57.8)	5500	(53.9)	17.3
P1875	5	25	4700	180	0.096	4.2	40	(3.9)	198	183	7200	(70.5)	6700	(65.6)	26.4
P2091	5	30	3800	205	0.16	4.5	40	(3.9)	252	235	9200	(90.1)	8600	(84.3)	37.0
P2511	6	30	2800	250	0.5	7.0	40	(3.9)	348	336	12400	(121.5)	12000	(117.6)	63.0
P2816	6	30	2000	280	3.5	8.4	40	(3.9)	346	332	12200	(119.6)	11800	(115.7)	--

薄型高速中空油壓迴轉缸

新產品
NEW



尺寸圖 » Dimensions



規格表 » Specifications

單位/UNIT:mm

型式/規格 MODEL /SPEC.	A1	B1	C	C1	D	E	E1	F	F1	G	G1	H	J	J1	K
P1246S	9	117.7	165	30	130	100	M6x1P	80	12-M10x1.5P	65	117	M55x2P	46	80	40
P1552S	9	125.5	190	30	170	130	M6x1P	85	12-M10x1.5P	70	125	M60x2P	52	91	40
P1875S	11.6	143	215	35	190	160	M6x1P	125	12-M10x1.5P	95	143	M85x2P	75	107	40

型式/規格 MODEL /SPEC.	K1	L1	M	N	N1	P	P1	Q	Q1	R1	S	S1	T	T1	U
P1246S	46	15	50	64	76	85	4	90	4-M5x0.8P(PCDø98)	10.5	121	PT 1/2	125	6	164.2
P1552S	46	15	55	73	85	96	4	102	4-M6x1P(PCDø110)	10.5	137	PT 1/2	140	6	172.2
P1875S	46	15	80	98	108	120	4	126	4-M6x1P(PCDø155)	10.5	165	PT 1/2	170	4	197.3

型式/規格 MODEL /SPEC.	U1	V max.	V min.	W max.	W1	W min.	X1	Z	活塞行程 Piston Stroke (mm)	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)	活塞直徑 Piston Dia (mm)
P1246S	183	10.05	-4.95	44.25	M52x1.5P	29.25	49.8	5	15	7000	125
P1552S	208	17.05	-4.95	50.15	M58x1.5P	28.15	55.8	5	22	6200	155
P1875S	234	20.05	-4.95	53.15	M84x2P	28.15	80.8	5	25	4700	180

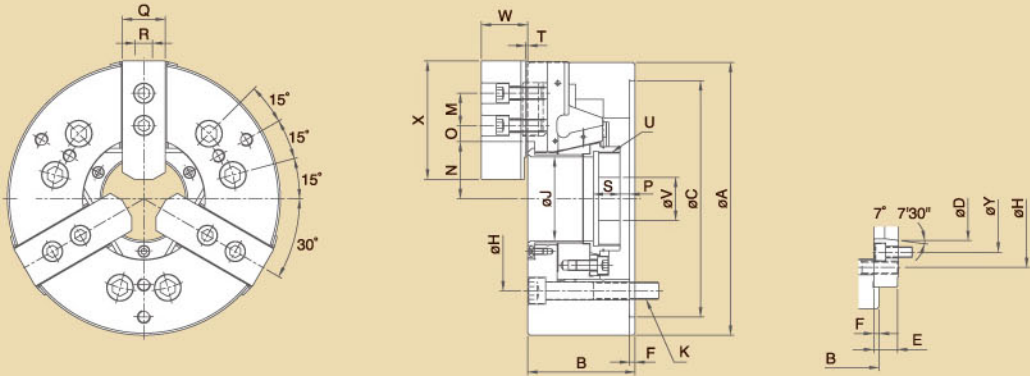
型式/規格 MODEL /SPEC.	GD ² (kg·m ²)	流量 Oil Leakage Rate (l/min)	最高使用壓力 Max. Pressure kgf/cm ² (Mpa)	活塞面積 Piston Area (cm ²)	最大推(拉)力 Max. Operating Force					
				推側 Push Side	拉側 Pull Side					
P1246S	0.019	3.0	40	(3.9)	100	89	3700	(36.2)	3200	(31.3)
P1552S	0.053	3.9	40	(3.9)	160	150	5900	(57.8)	5500	(53.9)
P1875S	0.096	4.2	40	(3.9)	198	183	7200	(70.5)	6700	(65.6)

大孔徑三爪 高速中空油壓夾頭

新產品
NEW



尺寸圖 > Dimensions



規格表 > Specifications

型式/規格 MODEL / SPEC.	主軸鼻端番號 Nose Of Spindle	A	B	C (h6)	D	E	F	H	J	K
OPB-206	A ₂ -5	170	81	140	ø82.563	20	5	PCDø122	52	6-M10x1.5P
OPB-208	A ₂ -6	215	91	170	ø106.375	22	5	PCDø150	66	6-M12x1.75P
OPB-210	A ₂ -8	256	100	220	ø139.719	28	5	PCDø180	81	6-M16x2P

型式/規格 MODEL / SPEC.	M	N max.	N min.	O max.	O min.	P max.	P min.	Q	R	S	T	U
OPB-206	20	36.35	33.6	21.1	9.1	7	-5.1	31	12	23	2	M60x2P
OPB-208	25	46.6	42.9	26.6	11.6	10	-6.1	35	14	25	2	M75x2P
OPB-210	30	54.6	50.1	33.1	13.6	8.5	-10.1	40	16	25	2	M90x2P

型式/規格 MODEL / SPEC.	V	W	X	Y	通孔直徑 Thru-Hole [Diameter] (mm)	柱塞行程 Plunger Stroke (mm)	爪行程 (直徑) Jaw Stroke [Diameter] (mm)	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)
OPB-206	20	37.5	73	104.8	52	12	5.5	6000
OPB-208	30	39.5	80	133.4	66	16	7.4	5000
OPB-210	40	43	110	171.4	81	19	8.8	4200

型式/規格 MODEL / SPEC.	最大拉力 Max. Pull Force kgf (KN)	最大靜夾持力 Max. Gripping Force kgf (KN)	最大設定油壓壓力 Max. Hydr. Pressure kgf/cm ² (Mpa)	淨重 Weight (kg)	搭配 油壓缸型號 Matching Cylinder	夾持範圍 Gripping Range
OPB-206	2200 (21.5)	5900 (58)	21 (2.0)	12.3	P1452S	ø13~ø170
OPB-208	3400 (33)	8800 (86)	26 (2.5)	21.7	P1666S	ø50~ø215
OPB-210	4300 (42)	11100 (109)	29 (2.8)	33.6	P1881S	ø34~ø254

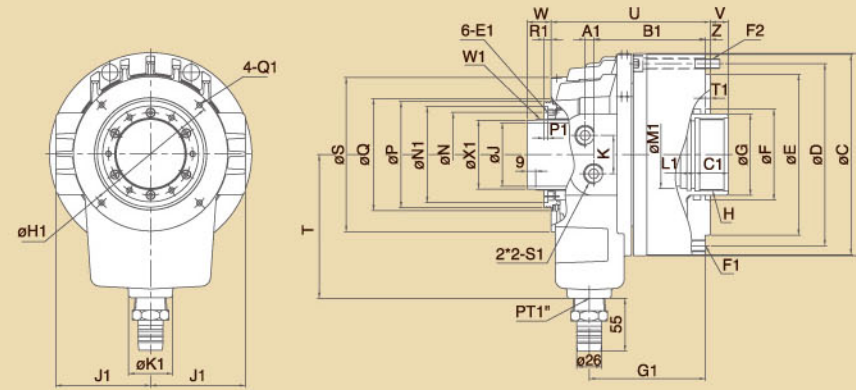
大孔徑超薄 中空油壓迴轉缸

新產品
NEW



- 超薄型、重量輕：**超薄外型構造，重量比傳統迴轉缸輕，形體結構小型化，在高速迴轉時，可減輕機械負擔。
- 大的貫通孔徑：**大孔徑設計使加工物之貫通孔徑的範圍增加。
- 安全構造：**內藏止回閥設計，於突發之壓降時仍可保持推力。

尺寸圖 > Dimensions



規格表 > Specifications

型式/規格 MODEL / SPEC.	A1	B1	C	C1	D	E	E1	F	F1	F2	G	G1	H	H1
P1452S	9	109.2	180	30	165	140	M6x1P	85	12-M10x1.5P	6-M8x1.25P	70	113.9	M60x2P	120
P1666S	9	120.7	209	35	190	168	M6x1P	95	12-M12x1.75P	6-M10x1.5P	85	125.4	M75x2P	145
P1881S	10.7	133.7	222	35	205	168	M6x1P	110	12-M12x1.75P	6-M10x1.5P	100	139.2	M90x2P	166

型式/規格 MODEL / SPEC.	J	J1	K	K1	L1	M1	N	N1	P	P1	Q	Q1	R1	S	S1	T	T1	U
P1452S	52	83	40	46	15	55	73	85	96	4	102	M6x1P	10.5	137	PT 1/2	130	4	155.7
P1666S	66	99	40	46	15	70	88	100	111	4	117	M6x1P	10.5	161	PT 1/2	150	5	170.2
P1881S	81	107.5	40	46	15	85	103	113	126	4	132	M6x1P	10.5	176	PT 1/2	175	5	189.2

型式/規格 MODEL / SPEC.	U1	V max.	V min.	W max.	W1	W min.	X1	Z	活塞行程 Piston Stroke (mm)	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)	活塞直徑 Piston Dia (mm)
P1452S	201	17	-3	48.2	M58x1.5P	28.2	55.8	5	20	6500	145
P1666S	229	19	-3	50.2	M74x1.5P	28.2	71.8	5	22	5600	165
P1881S	244	21.1	-3.9	53.2	M89x2P	28.2	85.8	5	25	4800	180

型式/規格 MODEL / SPEC.	GD ² (kg·m ²)	流量 Oil Leakage Rate (l/min)	最高使用壓力 Max. Pressure kgf/cm ² (Mpa)	活塞面積 Piston Area (cm ²) 推力側 Push Side 拉力側 Pull Side	最大推 (拉) 力 Max. Operating Force 推力側 Push Side 拉力側 Pull Side	淨重 Weight (kg)
P1452S	0.035	3.9	40 (3.9)	137 126	4860 (47.6) 4464 (43.7)	12.3
P1666S	0.07	4	40 (3.9)	170 157	6048 (59.3) 5580 (54.7)	17.4
P1881S	0.09	4.3	40 (3.9)	191 175	6804 (66.7) 6264 (61.4)	21.9

- Super thin & Lightweight:** Super thin outer structure makes the weight lighter than the traditional rotary cylinders; meanwhile, the compactness and miniaturization lower the burden of machines.
- Large Thru-hole Diameter:** With large open center, gripping range of Bar stock can be increased.
- Built-in Check Valve:** With built-in "check valve", work pieces can be effectively prevented from flying out during abrupt failure of pressure.

後拉式油壓夾頭

新產品
NEW

後拉式油壓夾頭作徑向夾持同時強力後拉，工件不會上浮，適用於鑄件及鍛件的加工。

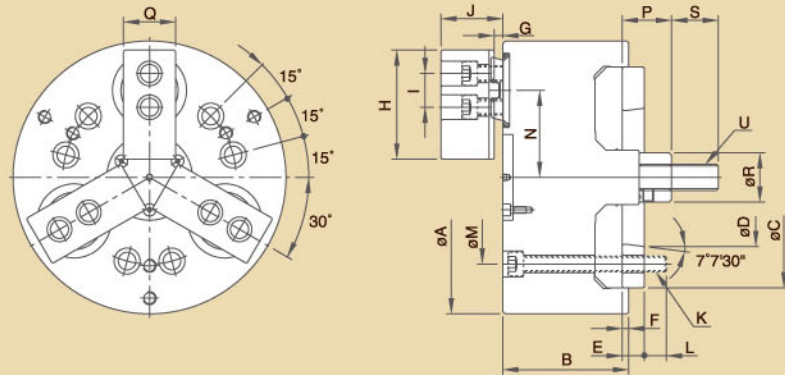
1. 後拉式夾持將工件緊貼在基準面上，使夾持穩固，適於重切削。
2. 圓柱滑動結構，可長期使用，並確保重覆夾持的優異精度。
3. 準確的自定中心及強力夾持工件不上浮特性，要求長度精準的加工最適宜。
4. 可採用到位偵測，配合自動化系統。



Pull back feature of radial gripping will lead to almost no work piece uplifting displacement; CHANDOX Pull Back Power Chucks are ideal for machining casting and forging parts;

1. By appressing the gripped work piece to the surface, CHANDOX Pull Back Power Chucks are suitable for heavy machining.
2. Chuck Actuators with cylindrical structure are durable and ensures high gripping repeatability.
3. Accurate self-centering and pull back features are adequate for precise length control machining requirements.
4. Optional components can be selected for detecting the right position on an automated loading machine.

尺寸圖 > Dimensions



規格表 > Specifications

單位/UNIT:mm

型式/規格 MODEL /SPEC.	A	B	C	D	E	F	G max.	G min.	H	J max.	J min.
PL-06	169	83	140	82.563	15	5	15	5	70	46	36
PL-08	210	97	170	106.375	17	5	16.5	6.5	84	57	47
PL-10	254	110	220	139.719	18	5	22	6	100	68	52
PL-12	304	125	220	139.719	18	5	21.5	5.5	120	72.5	56.5

型式/規格 MODEL /SPEC.	I	K	L	M	N max.	N min.	P max.	P min.	Q	R
PL-06	--	6-M10x1.5P	14	104.8	56.65	54	33	23	35	32
PL-08	26	6-M12x1.75P	17	133.4	69.65	67	38	28	40	38
PL-10	32	6-M16x2P	24	171.4	87.8	82	48	32	50	50
PL-12	36	6-M16x2P	20	171.4	102.8	97	47	31	60	52

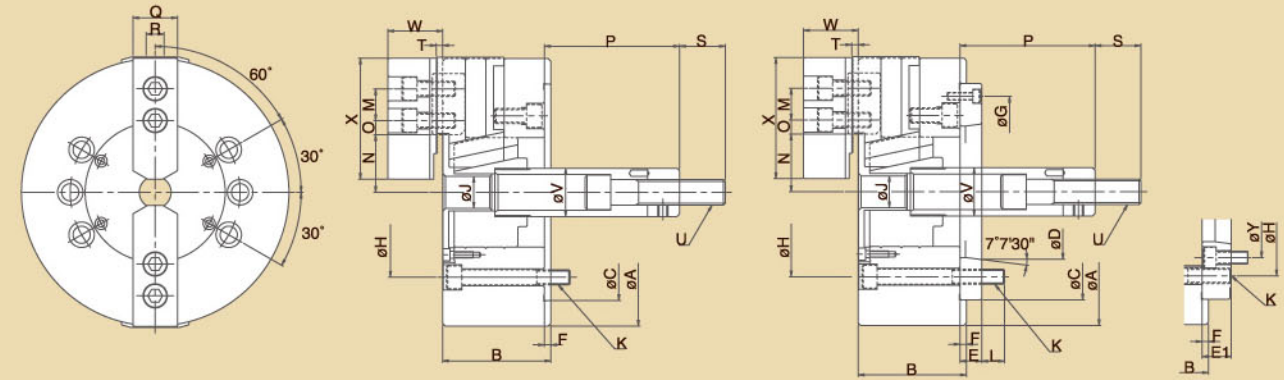
型式/規格 MODEL /SPEC.	S	U	柱塞行程 Plunger Stroke (mm)	爪行程直徑 Jaw Stroke (Diameter) mm	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)	最大拉力 Max. Pull Force kgf (KN)
PL-06	36	M16x2P	10	5.3	3500	1326 (13)
PL-08	36	M20x2.5P	10	5.3	3000	2142 (21)
PL-10	46	M24x3P	16	11.6	2500	3060 (30)
PL-12	50	M27x3P	16	11.6	2000	4386 (43)

型式/規格 MODEL /SPEC.	最大靜夾持力 Max. Gripping Force kgf (KN)	最大設定油壓壓力 Max. Hydr. Pressure kgf/cm ² (Mpa)	淨重 Weight (kg)	搭配油壓缸型號 Matching Cylinder	夾持範圍 Gripping Range
PL-06	2958 (29)	22 (2.2)	13.8	L1020	ø35~ø160
PL-08	4896 (48)	22 (2.2)	27.8	L1225	ø40~ø210
PL-10	4998 (49)	30 (2.9)	45.9	L1225	ø50~ø254
PL-12	7242 (71)	30 (2.9)	75.7	L1530	ø50~ø304

二爪中實油壓夾頭



尺寸圖 > Dimensions



規格表 > Specifications

單位/UNIT:mm

型式/規格 MODEL /SPEC.	主軸鼻端番號 Nose Of Spindle	A	B	C (h6)	D	E	E1	F	G	H	J
CLT-06	A ₂ -5	165	74	140	82.563	15	--	5	116	104.8	21
CLT-08	A ₂ -6(A ₂ -5)	210	85	170	106.375	17	23	5	150	133.4	25
CLT-10	A ₂ -8(A ₂ -6)	254	89	220	139.719	18	28	5	190	171.4	34
CLT-12	A ₂ -8	304	106	220	139.719	18	--	6	190	171.4	34

型式/規格 MODEL /SPEC.	K	L	M	N max.	N min.	O max.	O min.	P max.	P min.	Q	R	S
CLT-06	6-M10x1.5P	14	20	37.8	33.25	15.1	9.1	101.5	81.5	31	12	36
CLT-08	6-M12x1.75P	18	25	46.3	41.9	22.1	10.1	127	106	35	14	36
CLT-10	6-M16x2P	25	30	51.4	47	30.6	9.6	158	133	40	16	36
CLT-12	6-M16x2P	25	30	60.7	55.45	48.6	12.6	163	133	50	18	36

型式/規格 MODEL /SPEC.	T	U	V	W	X	Y	柱塞行程 Plunger Stroke (mm)	爪行程 (直徑) Jaw Stroke [Diameter] (mm)	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)
CLT-06	4	M16x2P	34	39	73	--	20	8.5	5000
CLT-08	5	M20x2.5P	38	42	95	104.8	21	8.8	4000
CLT-10	5	M20x2.5P	45	46	110	133.4	25	8.8	3500
CLT-12	5	M20x2.5P	50	54	129	--	30	10.5	3000

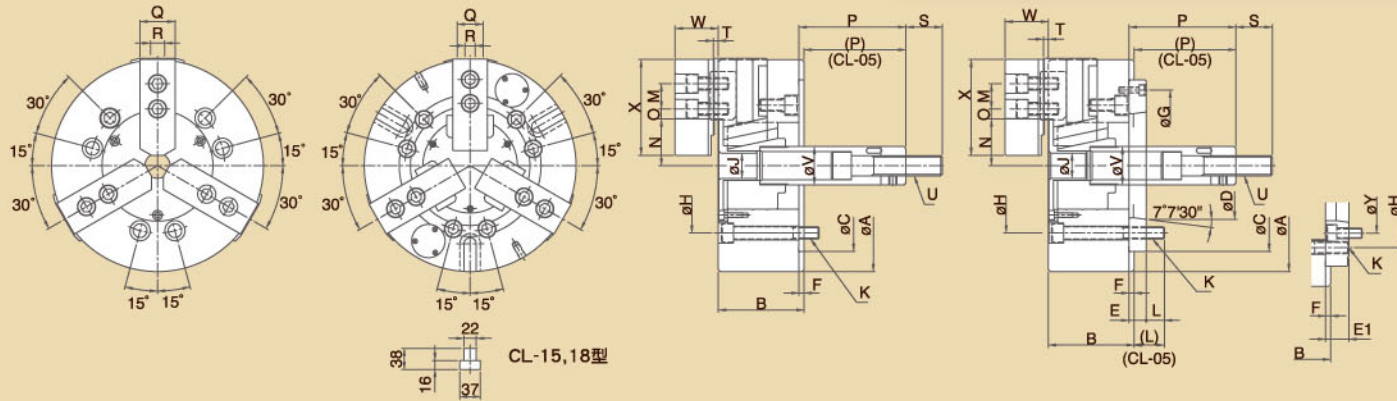
型式/規格 MODEL /SPEC.	最大拉力 Max. Pull Force kgf (KN)	最大靜夾持力 Max. Gripping Force kgf (KN)	最大設定油壓壓力 Max. Hydr. Pressure kgf/cm ² (Mpa)	淨重 Weight (kg)	搭配油壓缸型號 Matching Cylinder	夾持範圍 Gripping Range
CLT-06	1220 (12)	3460 (34)	17 (1.7)	11.1	L1020	ø9~ø165
CLT-08	1630 (16)	4990 (49)	16 (1.6)	21.3	L1225	ø12~ø210
CLT-10	1930 (19)	7140 (70)	19 (1.9)	32.6	L1225	ø15~ø254
CLT-12	2750 (27)	10300 (101)	20 (2.0)	57.0	L1530	ø20~ø304

CL 3-JAW SOLID POWER CHUCKS

三爪中實油壓夾頭



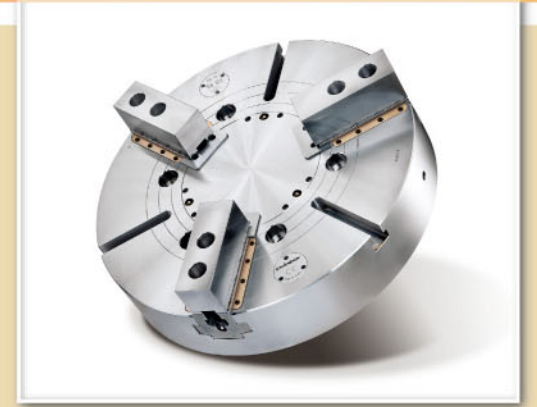
尺寸圖 > Dimensions



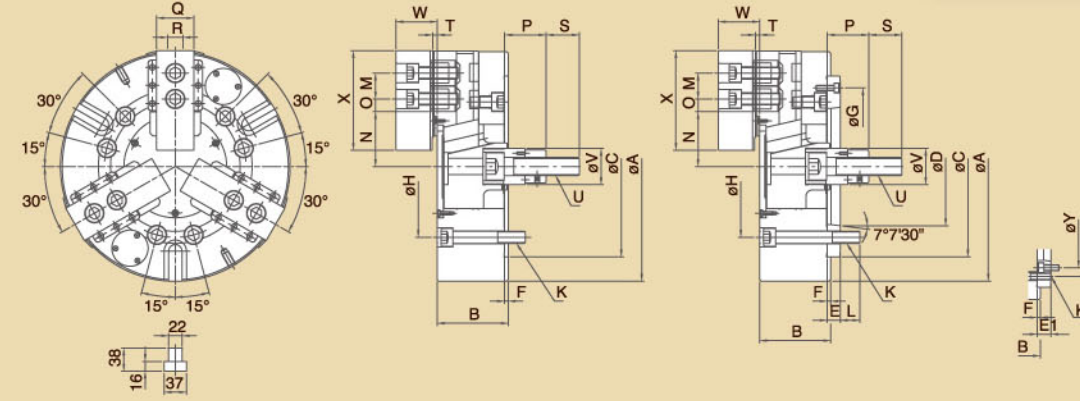
CL-DP 3-JAW SOLID POWER CHUCKS

三爪中實油壓夾頭

新產品
NEW



尺寸圖 > Dimensions



規格表 > Specifications

單位/UNIT:mm

型式/規格 MODEL / SPEC.	主軸鼻端番號 Nose Of Spindle	A	B	C (h6)	D	E	E1	F	G	H	J	K	L	M
CL-05	A ₂ -4	135	55	80	63.513	--	--	7	--	100	--	3-M8x1.25P	14	14
CL-06	A ₂ -5	165	74	140	82.563	15	--	5	116	104.8	21	6-M10x1.5P	14	20
CL-08	A ₂ -6(A ₂ -5)	210	85	170	106.375	17	23	5	150	133.4	25	6-M12x1.75P	18	25
CL-10	A ₂ -8(A ₂ -6)	254	89	220	139.719	18	28	5	190	171.4	34	6-M16x2P	25	30
CL-12	A ₂ -8	304	106	220	139.719	18	--	6	190	171.4	34	6-M16x2P	25	30
CL-15	A ₂ -11	381	114	300	196.869	22	--	6	260	235	--	6-M20x2.5P	32	43
CL-18	A ₂ -11	450	114	300	196.869	22	--	6	260	235	--	6-M20x2.5P	32	43

型式/規格 MODEL / SPEC.	N max.	N min.	O max.	O min.	P max.	P min.	Q	R	S	T	U	V	W	X	Y
CL-05	30.4	27.2	17.1	9.6	9	-6	25	10	35	2	M12x1.75P	28	31	62	--
CL-06	37.8	33.25	15.1	9.1	101.5	81.5	31	12	36	4	M16x2P	34	39	73	--
CL-08	46.3	41.9	22.1	10.1	127	106	35	14	36	5	M20x2.5P	38	42	95	104.8
CL-10	51.4	47	30.6	9.6	158	133	40	16	36	5	M20x2.5P	45	46	110	133.4
CL-12	60.7	55.45	48.6	12.6	163	133	50	18	36	5	M20x2.5P	50	54	129	--
CL-15	69.05	60.97	58.05	40.05	104	69	62	25.5	55	7	M30x3.5P	60	68	165	--
CL-18	99.46	91.38	58.05	40.05	92	57	62	25.5	55	7	M30x3.5P	60	68	165	--

型式/規格 MODEL / SPEC.	柱塞行程 Plunger Stroke (mm)	爪行程 〔直徑〕 Jaw Stroke [Diameter] (mm)	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)	最大拉力 Max. Pull Force kgf (KN)	最大靜夾持力 Max. Gripping Force kgf (KN)	最大設定 油壓壓力 Max. Hydr. Pressure kgf/cm ² (Mpa)	淨重 Weight (kg)	搭配 油壓缸型號 Matching Cylinder	夾持範圍 Gripping Range
CL-05	15	6.4	5500	800 (7.8)	2450 (24)	25 (2.5)	6	L0815	ø8~ø135
CL-06	20	8.5	5000	1730 (17)	5200 (51)	25 (2.5)	11.4	L1020	ø18~ø165
CL-08	21	8.8	4600	2440 (24)	7440 (73)	25 (2.5)	21.9	L1225	ø12~ø210
CL-10	25	8.8	4000	2850 (28)	10810 (106)	29 (2.8)	33.4	L1225	ø16~ø254
CL-12	30	10.5	3200	4080 (40)	15500 (152)	29 (2.8)	58.5	L1530	ø18~ø304
CL-15	35	16	3000	8260 (81)	25290 (248)	32 (3.1)	100.6	L2035	ø68~ø381
CL-18	35	16	2700	8260 (81)	25290 (248)	32 (3.1)	134.3	L2035	ø85~ø450

規格表 > Specifications

單位/UNIT:mm

型式/規格 MODEL / SPEC.	主軸鼻端番號 Nose Of Spindle	A	B	C (h6)	D	E	E1	F	G	H	K	L	M
CL-15DP	A ₂ -11	381	118	300	196.869	22	--	6	260	235	6-M20x2.5P	32	43
CL-18DP	A ₂ -11	450	118	300	196.869	22	--	6	260	235	6-M20x2.5P	32	43
CL-21DP	A ₂ -15(A ₂ -11)	530	129	380	285.775	27	41	6	330.2	330.2	6-M24x3P	33	60
CL-24DP	A ₂ -15(A ₂ -11)	610	129	380	285.775	27	41	6	330.2	330.2	6-M24x3P	33	60

型式/規格 MODEL / SPEC.	N max.	N min.	O max.	O min.	P max.	P min.	Q	R	S	T	U	V	W	X	Y
CL-15DP	69.05	60.97	58.05	40.05	104	69	62	25.5	55	7	M30x3.5P	60	68	165	--
CL-18DP	99.46	91.38	58.05	40.05	92	57	62	25.5	55	7	M30x3.5P	60	68	165	--
CL-21DP	80.49	72.41	101.8	41.8	96.95	61.95	65	25	55	7	M30x3.5P	60	75.5	180	235
CL-24DP	119.49	111.41	101.8	41.8	96.95	61.95	65	25	55	7	M30x3.5P	60	75.5	180	235

型式/規格 MODEL / SPEC.	柱塞行程 Plunger Stroke (mm)	爪行程 〔直徑〕 Jaw Stroke [Diameter] (mm)	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)	最大拉力 Max. Pull Force kgf (KN)	最大靜夾持力 Max. Gripping Force kgf (KN)	最大設定 油壓壓力 Max. Hydr. Pressure kgf/cm ² (Mpa)	淨重 Weight (kg)	搭配 油壓缸型號 Matching Cylinder	夾持範圍 Gripping Range
CL-15DP	35	16	3000	8260 (81)	25290 (248)	32 (3.1)	100.6	L2035	ø68~ø381
CL-18DP	35	16	2700	8260 (81)	25290 (248)	32 (3.1)	134.3	L2035	ø85~ø450
CL-21DP	35	16	1900	8650 (85)	27000 (265)	33 (3.2)	100.6	L2035	ø55~ø530
CL-24DP	35	16	1700	8650 (85)	27000 (265)	33 (3.2)	134.3	L2035	ø130~ø610

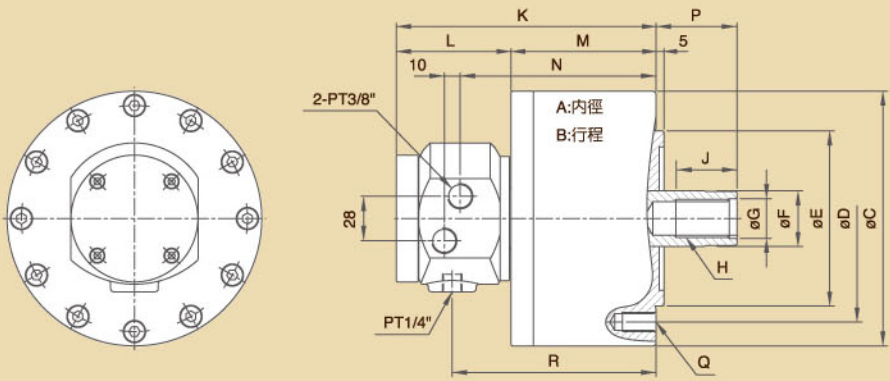
L SOLID ROTARY HYDRAULIC CYLINDERS

中實油壓迴轉缸

新產品
NEW



尺寸圖 > Dimensions



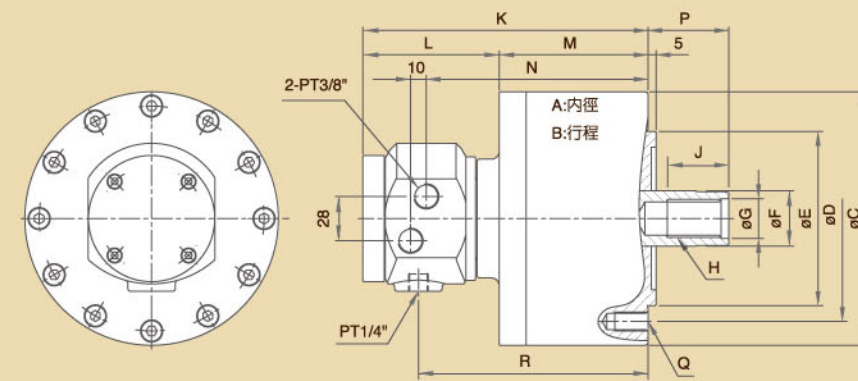
L-R SOLID ROTARY HYDRAULIC CYLINDER (BUILT-IN CHECK VALVE)

中實油壓迴轉缸 (附止逆裝置)

新產品
NEW



尺寸圖 > Dimensions



- 1. Super thin structure:**
Super thin outer structure reduces the interference with machines and lowers the burden of machines.
- 2. Built-in Check Valve:**
With built-in "check valve", work pieces can be effectively prevented from flying out during abrupt failure of pressure.

規格表 > Specifications

單位/UNIT:mm

型式/規格 MODEL / SPEC.	A	B	C	D	E (h7)	F	G (H8)	H	J	K	L
L0815	75	15	115	90	65	30	21	M20x2.5P	35	137	72
L1020	105	20	135	100	80	30	21	M20x2.5P	35	155	72
L1225	125	25	160	130	110	35	25	M24x3P	45	163	72
L1530	150	30	190	130	110	45	31	M30x3.5P	45	173	72
L2035	200	35	245	145	120	55	37	M36x4P	60	191.5	72

型式/規格 MODEL / SPEC.	M	N	P max.	P min.	Q	R	活塞行程 Piston Stroke (mm)	最高迴轉速 Max. Speed r.p.m (min ⁻¹)
L0815	65	97	46	31	6-M8x1.25P	102	15	6000
L1020	83	115	45	25	6-M10x1.5P	120	20	5500
L1225	91	123	51	26	6-M12x1.75P	128	25	5500
L1530	101	133	56	26	12-M12x1.75P	138	30	4000
L2035	119.5	151.5	69	34	12-M16x2P	156.5	35	4000

型式/規格 MODEL / SPEC.	GD ² (kg·m ²)	流量 Oil Leakage Rate (l/min)	最高使用壓力 Max. Pressure kgf/cm ² (Mpa)	活塞面積 Piston Area (cm ²)		最大推力 Max. Push Force kgf (KN)	淨重 Weight (kg)
				推力側 Push Side	拉力側 Pull Side		
L0815	0.006	0.8	40 (3.9)	44	37	1600 (15.7)	4.2
L1020	0.013	0.8	40 (3.9)	86	79	3200 (31.4)	5.9
L1225	0.023	0.8	40 (3.9)	122	113	4600 (45.1)	8.1
L1530	0.048	0.8	40 (3.9)	176	160	6500 (63.7)	11.9
L2035	0.098	0.8	40 (3.9)	314	290	11800 (115.6)	21.4

規格表 > Specifications

單位/UNIT:mm

型式/規格 MODEL / SPEC.	A	B	C	D	E (h7)	F	G (H8)	H	J	K	L
L1020R	105	20	135	100	80	30	21	M20x2.5P	35	172	86
L1225R	125	25	160	130	110	35	25	M24x3P	45	180	86
L1530R	150	30	190	130	110	45	31	M30x3.5P	45	189	84
L2035R	200	35	245	145	120	55	37	M36x4P	60	206.5	83

型式/規格 MODEL / SPEC.	M	N	P max.	P min.	Q	R	活塞行程 Piston Stroke (mm)	最高迴轉速 Max. Speed r.p.m (min ⁻¹)
L1020R	86	132	45	25	6-M10x1.5P	137	20	6000
L1225R	94	140	51	26	6-M12x1.75P	145	25	6000
L1530R	105	149	56	26	12-M12x1.75P	154	30	5500
L2035R	123.5	166.5	69	34	12-M16x2P	171.5	35	5500

型式/規格 MODEL / SPEC.	GD ² (kg·m ²)	流量 Oil Leakage Rate (l/min)	最高使用壓力 Max. Pressure kgf/cm ² (Mpa)	活塞面積 Piston Area (cm ²)		最大推力 Max. Push Force kgf (KN)	淨重 Weight (kg)
				推力側 Push Side	拉力側 Pull Side		
L1020R	0.013	0.8	40 (3.9)	86	79	3200 (31.4)	6.6
L1225R	0.023	0.8	40 (3.9)	122	113	4600 (45.1)	8.8
L1530R	0.048	0.8	40 (3.9)	176	160	6500 (63.7)	12.8
L2035R	0.098	0.8	40 (3.9)	314	290	11800 (115.6)	22.5

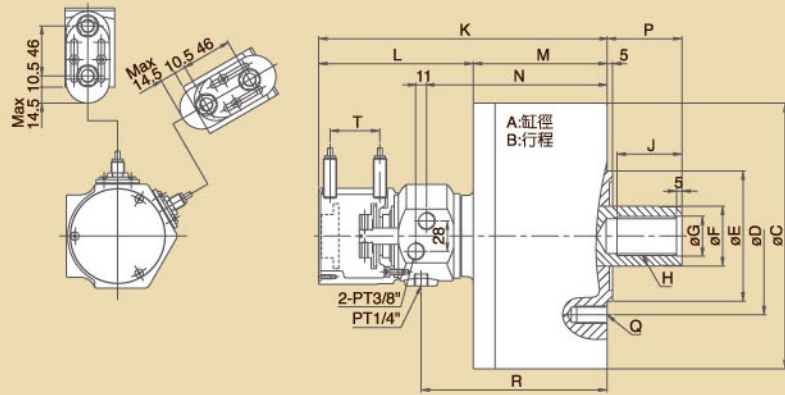
中實油壓迴轉缸 (附止逆及檢知裝置)

新產品
NEW



註：近接開關為特殊附件
Note: Proximity switch is an extra option.

尺寸圖 >> Dimensions



規格表 >> Specifications

型式/規格 MODEL / SPEC.	A	B	C	D	E (h7)	F	G (H8)	H
L1020RE	105	20	135	100	80	30	21	M20x2.5P
L1225RE	125	25	160	130	110	35	25	M24x3P
L1530RE	150	30	190	130	110	45	31	M30x3.5P
L2035RE	200	35	245	145	120	55	37	M36x4P

型式/規格 MODEL / SPEC.	J	K	L	M	N	P max.	P min.
L1020RE	35	231.5	145.5	86	132	45	25
L1225RE	45	239.5	145.5	94	140	51	26
L1530RE	45	248.5	143.5	105	149	56	26
L2035RE	60	266	142.5	123.5	166.5	69	34

型式/規格 MODEL / SPEC.	Q	R	T	活塞行程 Piston Stroke (mm)	最高迴轉速 Max. Speed r.p.m (min ⁻¹)	GD ² (kg·m ²)
L1020RE	6-M10x1.5P	137	46	20	6000	0.013
L1225RE	6-M12x1.75P	145	46	25	6000	0.023
L1530RE	12-M12x1.75P	154	46	30	5500	0.048
L2035RE	12-M16x2P	171.5	46	35	5500	0.098

型式/規格 MODEL / SPEC.	流量 Oil Leakage Rate (l/min)	最高使用壓力 Max. Pressure (Mpa)		活塞面積 Piston Area (cm ²)		最大推力 Max. Push Force (KN)	
		kgf/cm ²	(Mpa)	推力側 Push Side	拉力側 Pull Side	kgf	(KN)
L1020RE	0.8	40	(3.9)	84	79	3100	(30.4)
L1225RE	0.8	40	(3.9)	120	113	4500	(44.1)
L1530RE	0.8	40	(3.9)	174	160	6400	(62.7)
L2035RE	0.8	40	(3.9)	312	290	11700	(114.7)

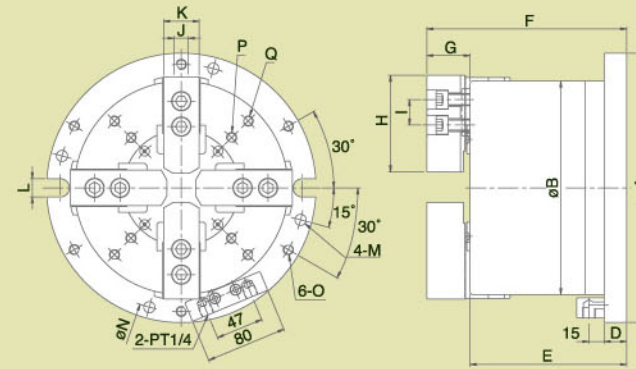
兩軸自動求心氣壓夾盤

兩軸自動求心氣壓夾盤專供中心機及各式工作台面的加工而設計，在X,Y兩軸間同時夾持任何異形工件具快速自定工件中心之功能。具3大特色：

- 氣缸防銹處理：**在潮溼及工作環境較差的情況，氣缸內部經防銹處理，不會生銹或卡死。
- 防塵裝置：**在工作台上的銼銑工作、切屑及冷卻液不易進入夾盤內部，確保夾盤的使用壽命及精度。
- 多邊夾持、自定中心：**有別於虎鉗的單一軸向夾持，兩軸自動求心氣壓夾盤分別在X,Y兩軸向分割成兩組夾持動作，且同時自定工件中心，能快速準確的固定工件，在任一軸向銼削均能達到穩固的效果。



尺寸圖 >> Dimensions



新產品
NEW

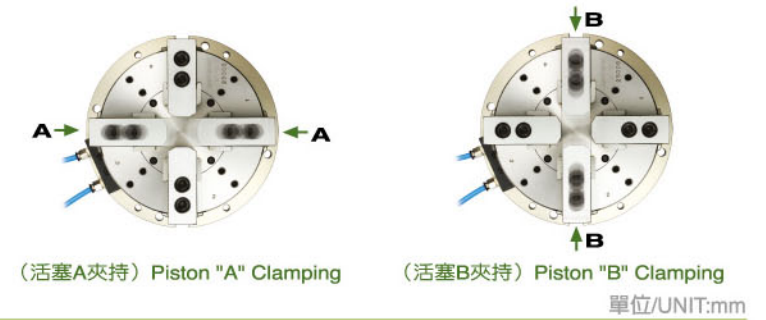
專利產品
Patent Protected

2 actuating axes self-centering solid air chuck fixtures is great for machining center. Two pairs of jaws clamp one after another to assure a workpiece to be locked completely.

- Rust-proof for Pneumatic Cylinder:**
Inside wall of cylinder being rustproof treated; cylinder can work under wet or high moisture circumstances without rusty or seized trouble.
- Dusts-proof and Waterproof:**
Dust-proof and Waterproof structure prevents work-chips and coolant water from entering into inside of chuck cylinder to maintain its accuracy and lead to longer service life.
- 4-jaw Clamping and Self-centering:**
4-jaw clamping are steadier for machining. Two pairs of jaws are moved independently to assure complete lock and self-centering.

應用實例 >> Operation Example

快速、準確、自動化
Speed, Accurate, Automatic
兩段分割夾持，自定中心
4-jaws clamping and self-center



規格表 >> Specifications

型式/規格 MODEL / SPEC.	A	B	D	E	F	G	H	I	J	K	L	M	N
MA-06	224	175	20	130	170	40	73	20	12	31	18	ø11	ø202
MA-08	265	210	22	154	196	42	95	25	14	35	18	ø11	ø243
MA-10	315	250	25	176	222	46	110	30	16	40	18	ø13	ø285

型式/規格 MODEL / SPEC.	O	P	Q	A 活塞面積 Piston Area (cm ²) 推力側 Push Side	Piston Area (cm ²) 拉力側 Pull Side
MA-06	M10x1.5P(PCD ø202)	4-M8x1.25P(PCD ø124)	4-M8x1.25P(PCD ø156)	127	108
MA-08	M10x1.5P(PCD ø243)	4-M10x1.5P(PCD ø140)	4-M10x1.5P(PCD ø186)	184	157
MA-10	M12x1.75P(PCD ø285)	4-M10x1.5P(PCD ø176)	4-M10x1.5P(PCD ø224)	270	239

型式/規格 MODEL / SPEC.	B 活塞面積 Piston Area (cm ²) 推力側 Push Side	Piston Area (cm ²) 拉力側 Pull Side	柱塞行程 Plunger Stroke (mm)	爪行程 (直徑) Jaw Stroke (Diameter) (mm)	空壓夾持力 Gripping Force At Air Pressure 7kgf/cm ² (0.7Mpa) kgf (KN)	淨重 Weight (kg)	夾持範圍 Gripping Range
MA-06	122	117	12	5.5	4500 (44)	24.8	ø25~ø175
MA-08	176	169	16	7.4	6400 (63)	41.3	ø30~ø210
MA-10	254	241	19	8.8	9500 (93)	65.6	ø35~ø250

內藏式中空(氣)油壓二爪夾盤

內藏式中空油壓夾盤適用於工作台面的鑽、銑加工而設計。

- 氣缸防銹處理：**在潮溼及工作環境較差的情況，氣缸內部經防銹處理，不會生銹或卡死。
- 防塵裝置：**在工作台上的銑銑工作、切屑及冷卻液不易進入夾盤內部，確保夾盤的使用壽命及精度。
- 內藏式油缸特性：**把油缸直接裝置於夾頭內部，更能確保連結的穩定性、提升夾持力，適用於重切削及夾持精度的保持，倍增機械效益。

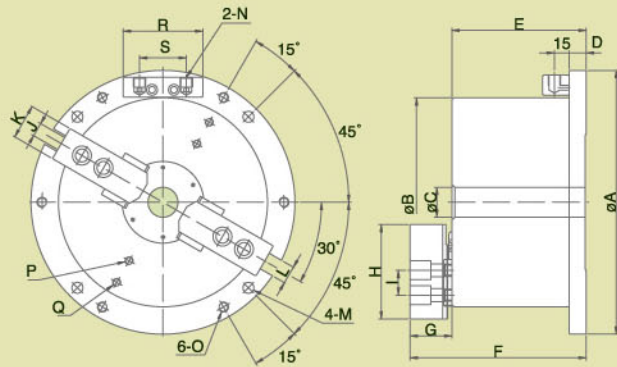


With built-in type cylinder, it is ideal for machining application on working table.

- Rust-proof for Pneumatic Cylinder:** Inside wall of cylinder being rustproof treated; cylinder can work under wet or high moisture circumstances without rusty or seized trouble.
- Dusts-proof and Waterproof:** Dust-proof and Waterproof structure prevents work-chips and coolant water from entering into inside of chuck cylinder to maintain its accuracy and lead to longer service life.
- Benefit of Built-in Cylinder:** The cylinder is connected to chuck itself directly for obtaining better stability, less space, and higher machining efficiency.

尺寸圖 > Dimensions

專利產品
Patent Protected



應用範例 > Operation Example

氣壓切換閥連接方式 / 特殊附件
Examples of Attaching Pneumatic Manual Switch / Optional Accessories



外接氣壓手動切換閥
Split type hand control valve



氣壓手動切換閥
Adherent type hand control valve

單位/UNIT:mm

規格表 > Specifications

型式/規格 MODEL /SPEC.	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S
MOT-04	157	115	--	15	77.5	104	26	49.5	14	10	23	13	ø9 (PCD ø135)	PT1/8	M8x1.25P	2-M8x1.25P(PCDø90)	64	47
MOT-05	185	135	--	15	95	128	33	62	14	10	25	13	ø9 (PCD ø165)	PT1/4	M8x1.25P	2-M8x1.25P(PCDø100)	80	47
MOT-06	224	169	25	16	118	158	40	73	20	12	31	18	ø11 (PCD ø202)	PT1/4	M10x1.5P	2-M8x1.25P(PCDø134)	80	47
MOT-08	265	210	30	20	138	180	42	95	25	14	35	18	ø11 (PCD ø243)	PT1/4	M10x1.5P	2-M10x1.5P(PCDø136)	80	47
MOT-10	315	254	52	23	150	196	46	110	30	16	40	18	ø13 (PCD ø285)	PT1/4	M12x1.75P	2-M12x1.75P(PCDø170)	80	47

型式/規格 MODEL /SPEC.	Q	活塞面積 Piston Area (cm ²)	柱塞行程 Plunger Stroke (mm)	爪行程 (直徑) Jaw Stroke (Diameter) (mm)	最大靜夾持力 Max.Gripping Force kgf (KN)	最大設定 油壓壓力 Max. Hydr. Pressure kgf/cm ² (Mpa)	空壓夾持力 Gripping Force At Air Pressure 7 kgf/cm ² (0.7Mpa) (KN)	淨重 Weight (kg)	夾持範圍 Gripping Range
MOT-04	--	57	9	3.8	1900 (18.6)	12 (1.2)	1100 (10.8)	6.9	ø9~ø115
MOT-05	--	74	10	5.4	2620 (25.6)	16 (1.6)	1300 (12.7)	11.2	ø12~ø135
MOT-06	--	97	12	5.5	4030 (39.5)	16 (1.6)	2000 (19.6)	21.0	ø15~ø169
MOT-08	2-M10x1.5P(PCDø186)	156	16	7.4	6480 (63.5)	16 (1.6)	3300 (32.3)	36.8	ø20~ø210
MOT-10	2-M12x1.75P(PCDø230)	235	19	8.8	9760 (95.6)	16 (1.6)	4800 (47.0)	56.4	ø33~ø254

內藏式中空(氣)油壓三爪夾盤

內藏式中空油壓夾盤適用於工作台面的鑽、銑加工而設計。

- 氣缸防銹處理：**在潮溼及工作環境較差的情況，氣缸內部經防銹處理，不會生銹或卡死。
- 防塵裝置：**在工作台上的銑銑工作、切屑及冷卻液不易進入夾盤內部，確保夾盤的使用壽命及精度。
- 內藏式油缸特性：**把油缸直接裝置於夾頭內部，更能確保連結的穩定性、提升夾持力，適用於重切削及夾持精度的保持，倍增機械效益。

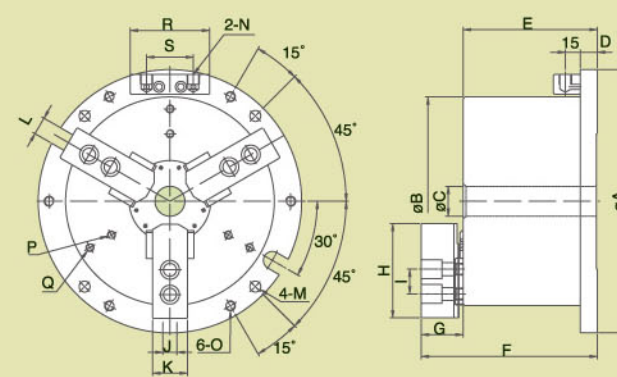


With built-in type cylinder, it is ideal for machining application on working table.

- Rust-proof for Pneumatic Cylinder:** Inside wall of cylinder being rustproof treated; cylinder can work under wet or high moisture circumstances without rusty or seized trouble.
- Dusts-proof and Waterproof:** Dust-proof and Waterproof structure prevents work-chips and coolant water from entering into inside of chuck cylinder to maintain its accuracy and lead to longer service life.
- Benefit of Built-in Cylinder:** The cylinder is connected to chuck itself directly for obtaining better stability, less space, and higher machining efficiency.

尺寸圖 > Dimensions

專利產品
Patent Protected



應用範例 > Operation Example

氣壓切換閥連接方式 / 特殊附件
Examples of Attaching Pneumatic Manual Switch / Optional Accessories



外接氣壓手動切換閥
Split type hand control valve



氣壓手動切換閥
Adherent type hand control valve

單位/UNIT:mm

規格表 > Specifications

型式/規格 MODEL /SPEC.	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S
MO-04	157	115	--	15	77.5	104	26	49.5	14	10	23	13	ø9 (PCD ø135)	PT1/8	M8x1.25P	3-M8x1.25P(PCDø90)	64	47
MO-05	185	135	--	15	95	128	33	62	14	10	25	13	ø9 (PCD ø165)	PT1/4	M8x1.25P	3-M8x1.25P(PCDø100)	80	47
MO-06	224	169	25	16	118	158	40	73	20	12	31	18	ø11 (PCD ø202)	PT1/4	M10x1.5P	3-M8x1.25P(PCDø134)	80	47
MO-08	265	210	30	20	138	180	42	95	25	14	35	18	ø11 (PCD ø243)	PT1/4	M10x1.5P	3-M10x1.5P(PCDø136)	80	47
MO-10	315	254	52	23	150	196	46	110	30	16	40	18	ø13 (PCD ø285)	PT1/4	M12x1.75P	3-M12x1.75P(PCDø170)	80	47
MO-12	375	304	80	23	165	219	54	129	30	21	50	18	ø17 (PCD ø340)	PT3/8	M16x2P	3-M12x1.75P(PCDø200)	80	55

型式/規格 MODEL /SPEC.	Q	活塞面積 Piston Area (cm ²)	柱塞行程 Plunger Stroke (mm)	爪行程 (直徑) Jaw Stroke (Diameter) (mm)	最大靜夾持力 Max.Gripping Force kgf (KN)	最大設定 油壓壓力 Max. Hydr. Pressure kgf/cm ² (Mpa)	空壓夾持力 Gripping Force At Air Pressure 7 kgf/cm ² (0.7Mpa) (KN)	淨重 Weight (kg)	夾持範圍 Gripping Range
MO-04	--	57	9	3.8	2400 (23.5)	15 (1.5)	1100 (10.8)	7.05	ø9~ø115
MO-05	--	74	10	5.4	3285 (32.2)	20 (2.0)	1300 (12.7)	11.2	ø12~ø135
MO-06	--	97	12	5.5	5040 (49.4)	20 (2.0)	2000 (19.6)	21.0	ø15~ø169
MO-08	3-M10x1.5P(PCDø186)	156	16	7.4	8100 (79.4)	20 (2.0)	3300 (32.3)	36.8	ø20~ø210
MO-10	3-M12x1.75P(PCDø230)	235	19	8.8	12210 (119.7)	20 (2.0)	4800 (47.0)	56.4	ø33~ø254
MO-12	3-M12x1.75P(PCDø260)	292	23	10.6	14500 (142.1)	20 (2.0)	5100 (50.0)	88.5	ø40~ø304

內藏式超精密二爪氣壓夾盤

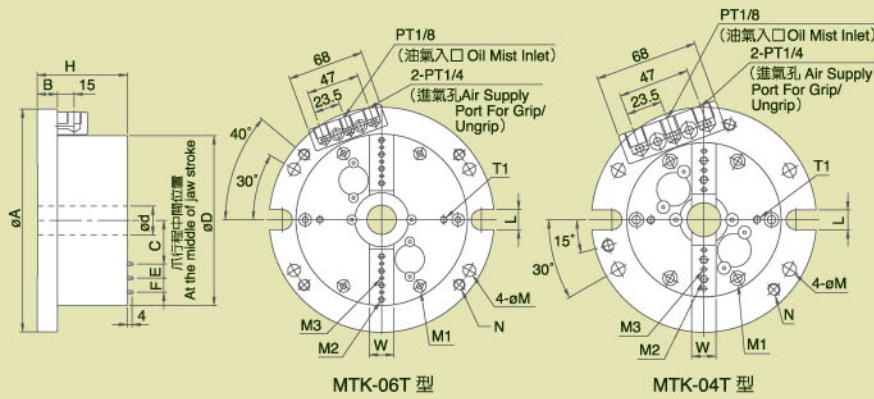
新產品 **NEW** 專利產品 **Patent Protected**

1. 預設治具孔及預留自動潤滑管道：爪殼預設治具孔，有額外固定需要時不須再追加加工；且預留自動潤滑管道，可與自動潤滑裝置連結。
2. 內藏式汽缸：汽缸與夾盤直結設計，確保作動及夾持的穩定性。
3. 生爪精密定位：設有定位銷使生爪在重複拆裝時仍保持良好的定位精度。
4. 超高精度夾持提高工作效率：夾持工件的同軸度及重覆夾持精度可達 μ 級，簡化操作，實現高效率的精密加工。



1. Pre-machined tapped holes and lubrication path: There are tapped holes for fixing jigs, thus, additional screw machining is not necessary, and pre-machined lubrication path can connect to auto-lubrication unit to lubricate the chuck automatically.
2. Built-in Cylinder: Connect cylinder directly to the chuck for stable gripping.
3. Precise soft jaw positioning: It's easy to remount soft jaw to the correct position with dowel pins on it.
4. High gripping precision brings better quality and efficiency. Good coaxiality and repeatability of gripping are able to achieve the accuracy of " μ degree machining processes can be simplified or shortened to make high precision machining with high efficiency come true.

尺寸圖 > Dimensions



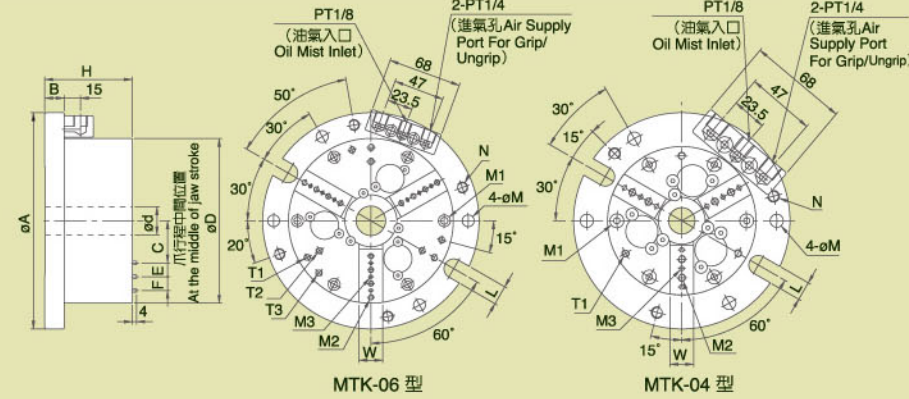
內藏式超精密三爪氣壓夾盤

新產品 **NEW** 專利產品 **Patent Protected**

1. 預設治具孔及預留自動潤滑管道：爪殼預設治具孔，有額外固定需要時不須再追加加工；且預留自動潤滑管道，可與自動潤滑裝置連結。
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尺寸圖 > Dimensions



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本產品精密度可達 μ 級

This product reaches the repeatability of " μ degree"

應用範例 > Operation Example

氣壓切換閥連接方式 / 特殊附件
Examples of Attaching Pneumatic Manual Switch / Optional Accessories



單位/UNIT:mm

規格表 > Specifications

型式/規格 MODEL / SPEC.	A	B	C	D	d (H7)	E	F	H	W	L	M
MTK-04T	148	17	20.75	101.6	18	12.7	12.7	80	16	13	$\phi 9$ (PCD $\phi 130$)
MTK-06T	200	18	39.75	152.4	26	12.7	12.7	81	22	18	$\phi 11$ (PCD $\phi 180$)
型式/規格 MODEL / SPEC.	M1		M2		M3		N		T1		
MTK-04T	6-M5x0.8P(PCD $\phi 88.9$)		4-M5x0.8P		6- $\phi 3.18$		3-M8x1.25P		2-M5x0.8P(PCD $\phi 70$)		
MTK-06T	6-M6x1P(PCD $\phi 135.89$)		8-M5x0.8P		6- $\phi 3.18$		4-M10x1.5P		2-M6x1P(PCD $\phi 110$)		
型式/規格 MODEL / SPEC.	爪 T.I.R Jaw T.I.R	爪行程(直徑) Jaw Stroke (Diameter) (mm)	重複夾持精度 Repeatability	空壓夾持力 Gripping Force At Air Pressure 7 kgf/cm ² (0.7Mpa) kgf	淨重 Weight (kg)						
MTK-04T	0.001	3	0.001	310	6						
MTK-06T	0.001	3	0.001	790	12.6						

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應用範例 > Operation Example

氣壓切換閥連接方式 / 特殊附件
Examples of Attaching Pneumatic Manual Switch / Optional Accessories



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MTK-06	200	18	39.75	152.4	26	12.7	12.7	81	22	18	$\phi 11$ (PCD $\phi 180$)
型式/規格 MODEL / SPEC.	M1		M2		M3		N		T1		T2
MTK-04	6-M5x0.8P(PCD $\phi 88.9$)		6-M5x0.8P		9- $\phi 3.18$		3-M8x1.25P		3-M5x0.8P(PCD $\phi 88.9$)		--
MTK-06	6-M6x1P(PCD $\phi 135.89$)		12-M5x0.8P		9- $\phi 3.18$		4-M10x1.5P		3-M6x1P(PCD $\phi 135.89$)		3-M6x1P(PCD $\phi 110$)
型式/規格 MODEL / SPEC.	T3	爪 T.I.R Jaw T.I.R	爪行程(直徑) Jaw Stroke (Diameter) (mm)	重複夾持精度 Repeatability	空壓夾持力 Gripping Force At Air Pressure 7 kgf/cm ² (0.7Mpa) kgf	淨重 Weight (kg)					
MTK-04	--	0.001	3	0.001	310	6.2					
MTK-06	3-M6x1P(PCD $\phi 135.89$)	0.001	3	0.001	790	13					

二爪超精密氣壓夾頭

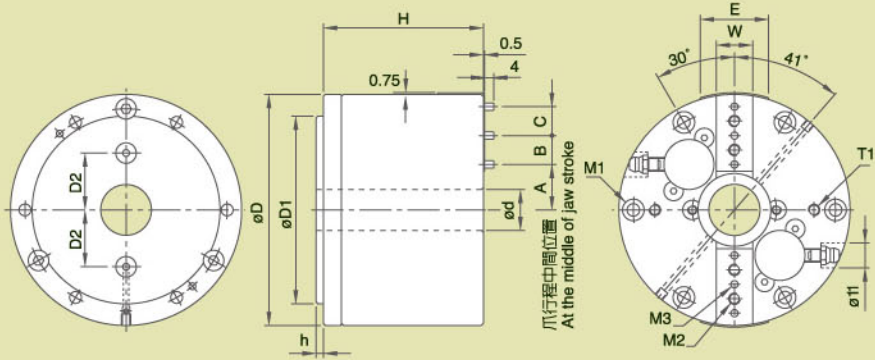
新產品 **NEW** 專利產品 Patent Protected

1. 預設治具孔及預留自動潤滑管道：爪殼預設治具孔，有額外固定需要時不須再追加加工；且預留自動潤滑管道，可與自動潤滑裝置連結。
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尺寸圖 > Dimensions



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應用範例 > Operation Example



單位/UNIT:mm

規格表 > Specifications										
型式/規格 MODEL / SPEC.	A	B	C	D	E	D1	d (H7)	D2	H	h
TK-04T	20.75	12.7	12.7	101.6	30	82.55	18	25	70.3	3.2
TK-06T	39.75	12.7	12.7	152.4	40	124.97	26	34.5	70.3	3.2
TK-08T	65.75	25.4	--	203.2	45	167.64	50	50	99.5	7.0
型式/規格 MODEL / SPEC.	M1		M2		M3	W	T1		爪T.I.R. Jaw T.I.R.	
TK-04T	6-M5x0.8P(PCD ϕ 88.9)		4-M5x0.8P		6- ϕ 3.18	16	2-M5x0.8P(PCD ϕ 70)		0.001	
TK-06T	6-M6x1P(PCD ϕ 135.89)		8-M5x0.8P		6- ϕ 3.18	22	2-M6x1P(PCD ϕ 110)		0.001	
TK-08T	6-M10x1.5P(PCD ϕ 182.88)		4-M10x1.5P		4- ϕ 6.36	25	2-M8x1.25P(PCD ϕ 150)		0.001	
型式/規格 MODEL / SPEC.	爪行程 值徑 Jaw Stroke [Diameter](mm)	重複 夾持精度 Repeatability	空壓夾持力 Gripping Force At Air Pressure 7 kgf/cm ² (0.7Mpa) kgf (KN)		最高迴轉速 Max.Speed r.p.m (min ⁻¹)	淨重 Weight (kg)				
TK-04T	3	0.001	310 (3.1)		3500	4.2				
TK-06T	3	0.001	790 (7.8)		3500	9.5				
TK-08T	3	0.001	1450 (14.3)		3000	25.1				

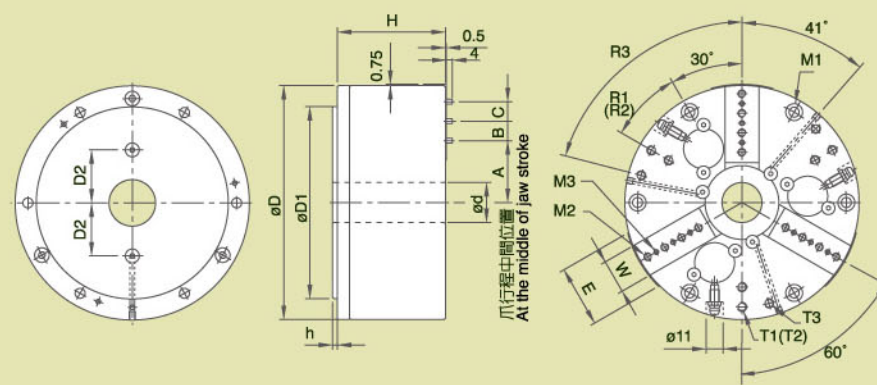
三爪超精密氣壓夾頭

新產品 **NEW** 專利產品 Patent Protected

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尺寸圖 > Dimensions



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應用範例 > Operation Example



單位/UNIT:mm

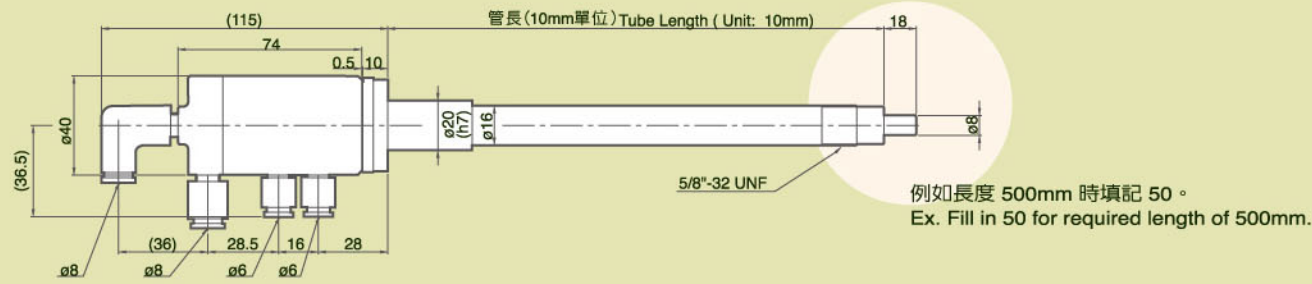
規格表 > Specifications												
型式/規格 MODEL / SPEC.	A	B	C	D	E	D1	d (H7)	D2	H	h	W	M1
TK-04	20.75	12.7	12.7	101.6	30	82.55	18	25	70.3	3.2	16	6-M5x0.8P(PCD ϕ 88.9)
TK-06	39.75	12.7	12.7	152.4	40	124.97	26	34.5	70.3	3.2	22	6-M6x1P(PCD ϕ 135.89)
TK-08	65.75	25.4	--	203.2	45	167.64	50	50	99.5	7.0	25	6-M10x1.5P(PCD ϕ 182.88)
型式/規格 MODEL / SPEC.	M2		M3		T1		T2		T3		R1	
TK-04	6-M5x0.8P		9- ϕ 3.18		3-M5x0.8P(PCD ϕ 88.9)		--		--		30°	
TK-06	12-M5x0.8P		9- ϕ 3.18		3-M6x1P(PCD ϕ 135.89)		3-M6x1P(PCD ϕ 110)		3-M6x1P(PCD ϕ 135.89)		30°	
TK-08	6-M10x1.5P		6- ϕ 6.36		3-M8x1.25P(PCD ϕ 182.88)		3-M8x1.25P(PCD ϕ 150)		3-M8x1.25P(PCD ϕ 100)		30°	
型式/規格 MODEL / SPEC.	R2	R3	爪T.I.R. Jaw T.I.R.	爪行程 [直徑] Jaw Stroke [Diameter] (mm)	重複夾 持精度 Repeatability	空壓夾持力 Gripping Force At Air Pressure 7kgf/cm ² (0.7Mpa) kgf (KN)	最高迴轉速 Max.Speed r.p.m(min ⁻¹)	淨重 Weight (kg)				
TK-04	--	--	0.001	3	0.001	310 (3.1)	4500	4.4				
TK-06	30°	75°	0.001	3	0.001	790 (7.8)	4500	9.8				
TK-08	30°	30°	0.001	3	0.001	1450 (14.3)	4000	26.3				

TB AIR FEED TUBE

氣壓迴轉器

新產品
NEW

尺寸圖 > Dimensions



規格表 > Specifications

單位/UNIT:mm

型式/規格 MODEL / SPEC.	最高迴轉速 Max.Speed	推薦潤滑油 Recommended Lubricant
TB-XX-18	8000min ⁻¹	VG6同等級油 VG6 or Equal

ADP MOUNTING PLATES

連結盤

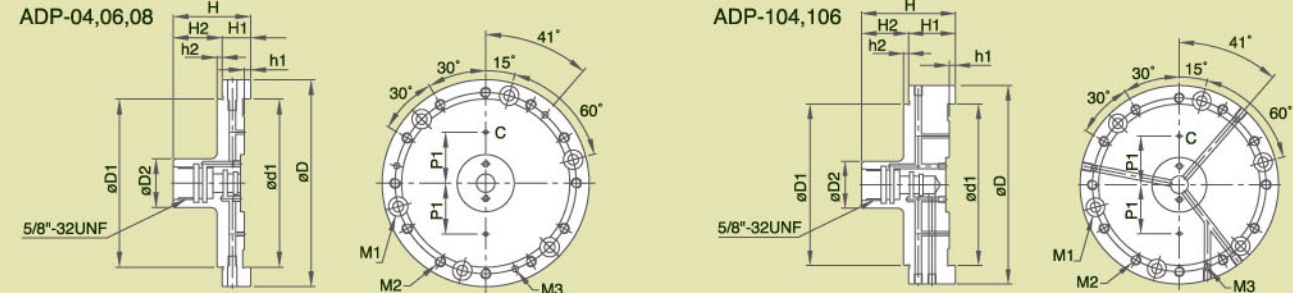
尺寸圖 > Dimensions



ADP-04,06,08



ADP-104,106



規格表 > Specifications

單位/UNIT:mm

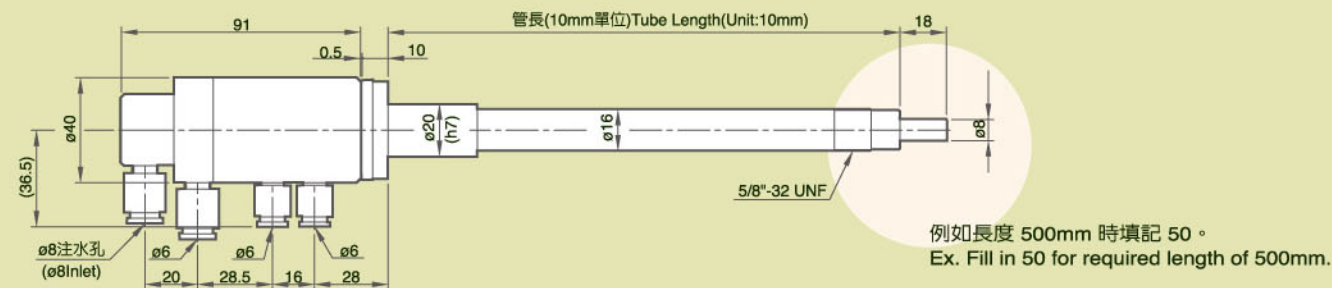
型式/規格 MODEL / SPEC.	D	D1 (h7)	D2	d1 (H7)	P1	H	H1	H2	h1	h2	M1	M2	M3
ADP-04	101.6	82.55	24	82.55	25	38	14	24	3.2	2.5	6-M5x0.8P (PCD ø88.9)	12-M5x0.8P (PCD ø88.9)	3-ø3 (PCD ø88.9)
ADP-06	152.4	124.97	24	124.97	34.5	38	14	24	3.2	2.5	6-M6x1P (PCD ø135.89)	12-M6x1P (PCD ø135.89)	3-ø3 (PCD ø135.89)
ADP-08	203.2	167.64	30	167.64	50	54	25	29	7.0	5.0	6-M10x1.5P (PCD ø182.88)	6-M10x1.5P (PCD ø182.88)	3-ø4 (PCD ø182.88)
ADP-104	101.6	82.55	24	82.55	25	48	24	24	3.2	2.5	6-M5x0.8P (PCD ø88.9)	12-M5x0.8P (PCD ø88.9)	3-ø3 (PCD ø88.9)
ADP-106	152.4	124.97	24	124.97	34.5	48	24	24	3.2	2.5	6-M6x1P (PCD ø135.89)	12-M6x1P (PCD ø135.89)	3-ø3 (PCD ø135.89)

TBC AIR FEED TUBE (FOR GRINDING MACHINES)

氣壓迴轉器 (注水型)

新產品
NEW

尺寸圖 > Dimensions



規格表 > Specifications

單位/UNIT:mm

型式/規格 MODEL / SPEC.	最高迴轉速 Max.Speed	推薦潤滑油 Recommended Lubricant
TBC-XX-18	8000min ⁻¹	VG6同等級油 VG6 or Equal

SOFT JAWS FOR SUPER PRECISION CHUCKS

超精密夾頭 生爪

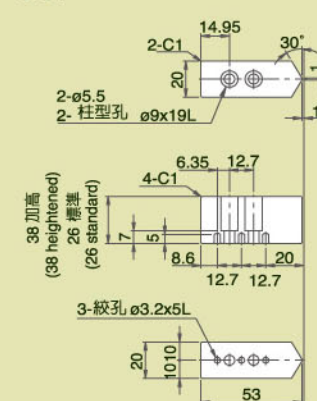
新產品
NEW

尺寸圖 > Dimensions

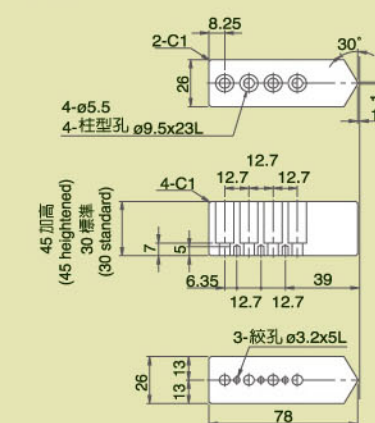
單位/UNIT:mm



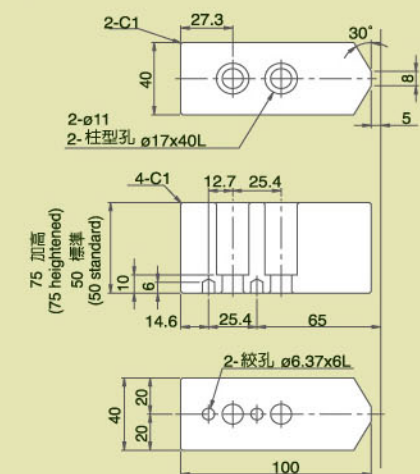
J-04



J-06



J-08

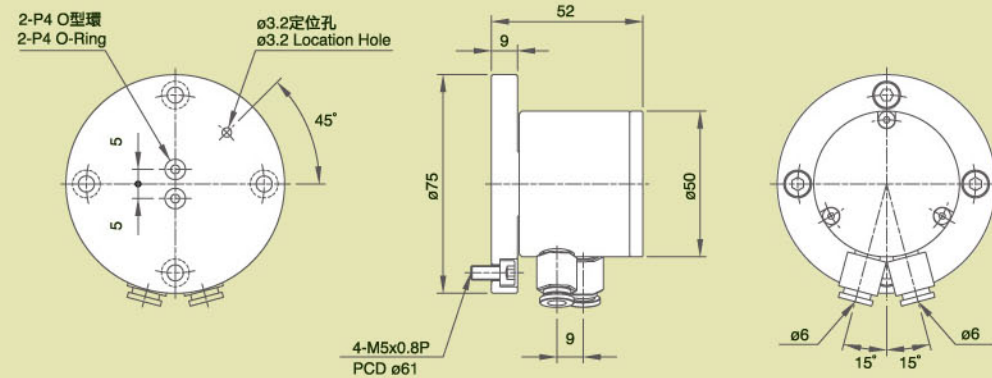


氣壓迴轉器

新產品
NEW



尺寸圖 >> Dimensions 單位/UNIT:mm



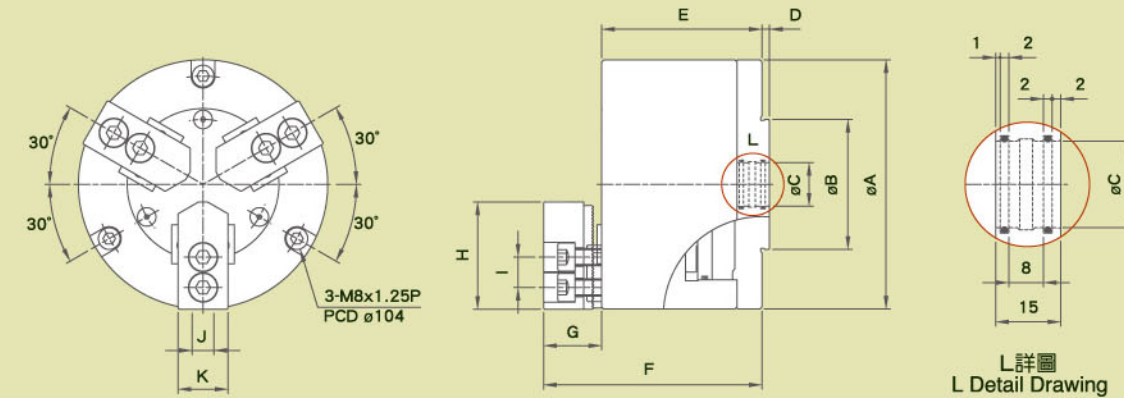
三爪氣壓夾頭

新產品
NEW

專利產品
Patent Protected



尺寸圖 >> Dimensions

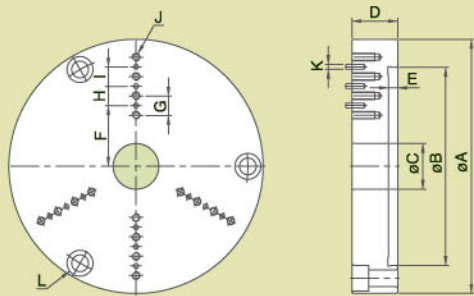


FR FORMING RINGS (FOR SOFT JAWS OF SUPER PRECISION AIR CHUCKS)

超精密生爪 成型盤

新產品
NEW

尺寸圖 >> Dimensions



規格表 >> Specifications

型式/規格 MODEL /SPEC.	A	B	C	D	E	F	G	H	I	J	K	L	淨重 Weight (Kg)
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

分度盤使用範例 >> Operation Example for rotary table

CNC車床使用範例 >> Operation Example for CNC Lathe



規格表 >> Specifications

單位/UNIT:mm

型式/規格 MODEL /SPEC.	A	B	C	D	E	F	G	H	I	J	K	活塞面積 Piston Area (cm ²)
MR-04	117	60	20	3.5	74	100.7	26.7	49.5	14	10	23	57
型式/規格 MODEL /SPEC.	柱塞行程 Plunger Stroke (mm)	爪行程直徑 Jaw Stroke (Diameter) mm	空壓夾持力 Gripping Force At Air Pressure 7 kgf/cm ² (0.7Mpa) kgf (KN)		最高迴轉速 Max.Speed r.p.m (min ⁻¹)	夾持範圍 Gripping Range	淨重 Weight (kg)					
MR-04	9	3.8	1100 (10.8)		3000	ø10~ø117	5.7					

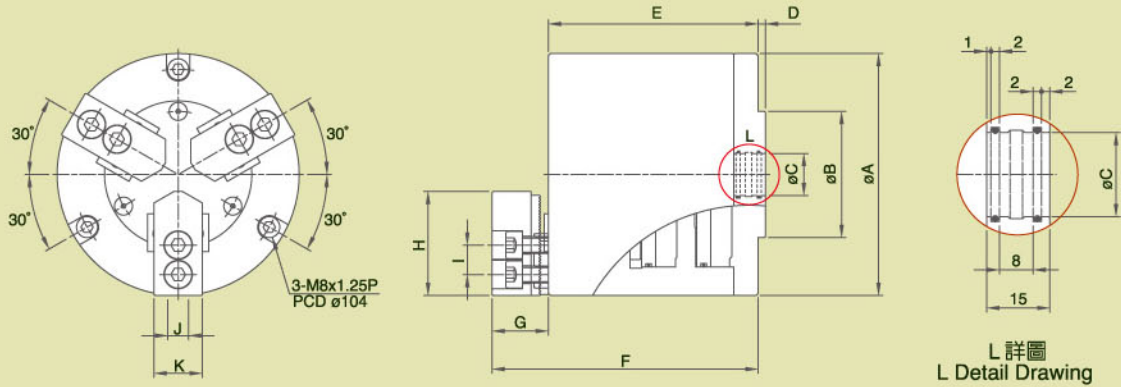
MR-S 3-JAW AIR CHUCK BUILT-IN 2 CYLINDERS

雙氣缸三爪氣壓夾頭

新產品
NEW
專利產品
Patent Protected



尺寸圖 > Dimensions



分度盤使用範例 > Operation Example for rotary table

CNC車床使用範例 > Operation Example for CNC Lathe



規格表 > Specifications

單位/UNIT:mm

型式/規格 MODEL /SPEC.	A	B	C	D	E	F	G	H	I	J	K	活塞面積 Piston Area (cm ²)
MR-04S	117	60	20	3.5	99.7	126.4	26.7	49.5	14	10	23	114

型式/規格 MODEL /SPEC.	柱塞行程 Plunger Stroke (mm)	爪行程直徑 Jaw Stroke (Diameter) mm	空壓夾持力 At Air Pressure 7 kgf/cm ² (0.7Mpa) kgf	Gripping Force (KN)	最高迴轉速 Max.Speed r.p.m (min ⁻¹)	夾持範圍 Gripping Range	淨重 Weight (kg)
MR-04S	9	3.8	2200	(21.6)	4500	ø10~ø117	7.2

RT ROTARY AIR CHUCK FIXTURES

迴轉式氣壓夾盤

專利產品
Patent Protected
新產品
NEW

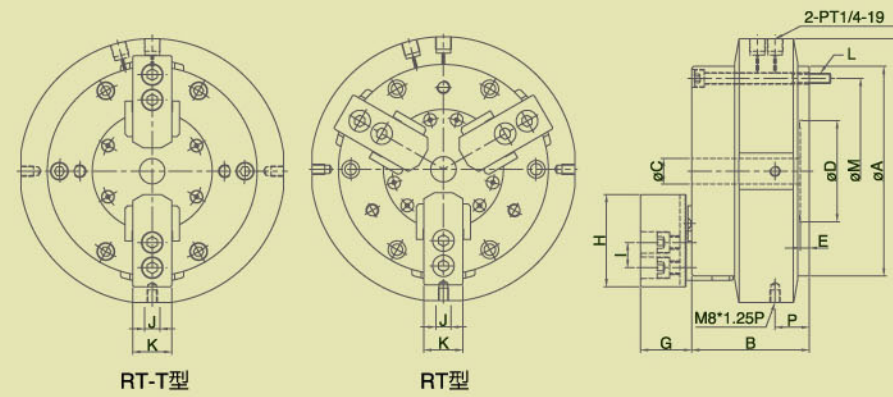
輕切削加工適用 Suitable for light cutting

迴轉式氣壓夾盤適用於分度盤，具可隨分度盤主軸旋轉功能，動力夾持加工物作角度分割或旋轉切削。

- 氣缸防銹處理：**在潮溼及工作環境較差的情況，氣缸內部經防銹處理，不會生銹或卡死。
- 防塵裝置：**工作中的鐵屑及切削液不易進入夾盤內部的缸室，確保夾盤的使用壽命及精度保持。
- 前置式氣缸：**氣缸與夾盤直結設計，確保夾持的穩定性，更方便於組裝及操作。



尺寸圖 > Dimensions



使用範例 > Operation Example



單位/UNIT:mm

規格表 > Specifications

型式/規格 MODEL /SPEC.	A	B	C	D	E	F	G	H	I	J	K	L
RT-05	136	85	16	60	6	180	33	62	14	10	25	6-M8x1.25P
RT-06	166	93	20	80	7	210	40	73	20	12	31	6-M8x1.25P
RT-08	215	112	30	110	8	250	42	95	25	14	35	6-M10x1.5P
RT-10	255	120	43	140	8	290	46	110	30	16	40	6-M10x1.5P
RT-05T	136	85	16	60	6	180	33	62	14	10	25	6-M8x1.25P
RT-06T	166	93	20	80	7	210	40	73	20	12	31	6-M8x1.25P

型式/規格 MODEL /SPEC.	M	P	通孔直徑 Thru-Hole (Diameter) (mm)	活塞面積 Piston Area (cm ²)	柱塞行程 Plunger Stroke (mm)	爪行程(直徑) Jaw Stroke (Diameter) mm
RT-05	ø118	27	16	74	10	4.6
RT-06	ø147	27	20	120	13	5.5
RT-08	ø185	28	30	190	16	6.8
RT-10	ø220	30.5	43	280	19	8.0
RT-05T	ø118	27	16	74	10	4.6
RT-06T	ø147	27	20	120	13	5.5

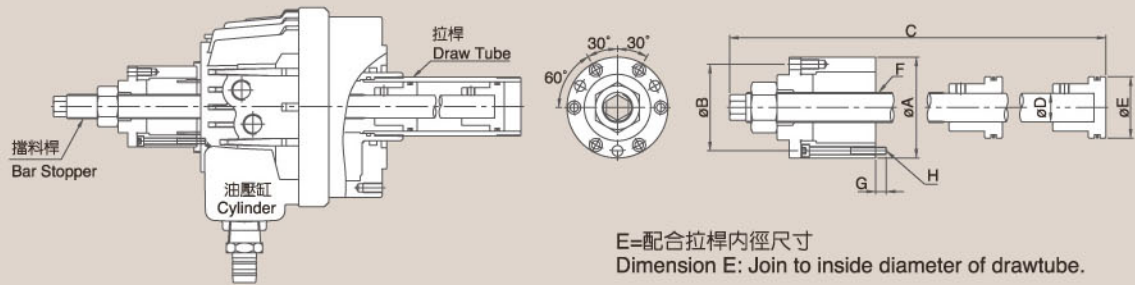
型式/規格 MODEL /SPEC.	最高轉速 Max.Speed r.p.m.(min ⁻¹)	最大設定壓力 Max.Pressure kgf/cm ² (Mpa)	氣壓夾持力 Gripping Force At Air Pressure 7kgf/cm ² (0.7Mpa) kgf	(KN)	夾持範圍 Gripping Range	淨重 Weight (kg)
RT-05	51	7 (0.7)	1340	(13.1)	ø4-ø136	9.3
RT-06	41	7 (0.7)	2330	(22.8)	ø25-ø166	15.5
RT-08	33	7 (0.7)	3730	(36.5)	ø33-ø215	28.5
RT-10	26	7 (0.7)	5480	(53.7)	ø43-ø255	42.3
RT-05T	51	7 (0.7)	1340	(13.1)	ø4-ø136	9.0
RT-06T	41	7 (0.7)	2330	(22.8)	ø25-ø166	15.0

PE BAR STOPPER

擋料桿



尺寸圖 » Dimensions



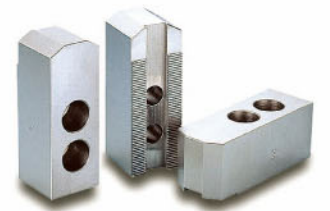
規格表 » Specifications

型式/規格 MODEL /SPEC.	A	B	C	D	F	G	H	容許最高迴轉速 Max. Speed r.p.m.(min ⁻¹)	可調行程 Stroke	搭配干島油壓缸型號 Matching Cylinder Of CHANDOX	搭配北川油壓缸型號 Matching Cylinder Of KITAGAWA
PE-06	76	64	910	ø24	W 1"-12	9	6-M6x1Px55	3000	350	P1246	S1246
PE-08	85	73	1010	ø24	W 1"-12	9	6-M6x1Px65	2400	400	P1552	S1552
PE-10	108	98	1310	ø24	W 1"-12	9	6-M6x1Px65	2000	400	P1875	S1875
PE-12	120	108	1310	ø32	M33x2P	9	6-M6x1Px70	1600	400	P2091	S2091
PE-15	160	148	1310	ø32	M33x2P	13	6-M6x1Px75	1200	400	P2511	--

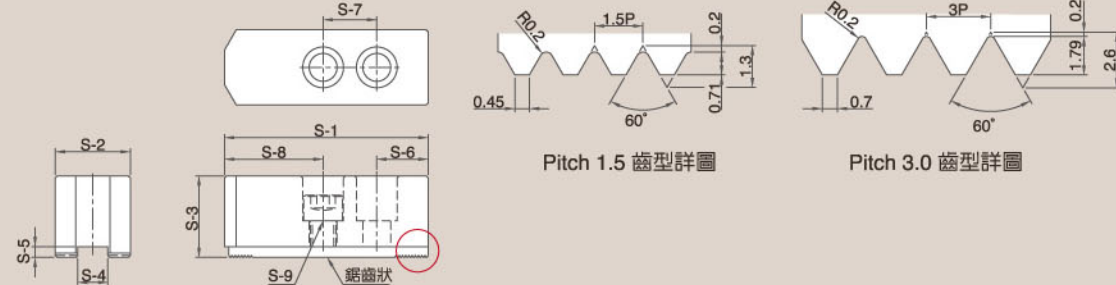
單位/UNIT:mm

SJ SOFT JAWS (SJ-SERIES) FOR HYDRAULIC CHUCKS

油壓生爪



尺寸圖 » Dimensions



規格表 » Specifications

型式/規格 MODEL /SPEC.	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	鋸齒狀節距 Serration Pitch	淨重 Weight (kg)
SJ-04	49.5	23	23	10	4.5	10	14	25.5	M8x1.25P	1.5 x 60°	0.42
SJ-05	62	25	30	10	4.5	10	14	38	M8x1.25P	1.5 x 60°	0.85
SJ-06	73	31	36	12	5	15	20	38	M10x1.5P	1.5 x 60°	1.5
SJ-08	95	35	38	14	5	24	25	46	M12x1.75P	1.5 x 60°	2.4
SJ-10	110	40	42	16	5	30	30	50	M12x1.75P	1.5 x 60°	3.6
SJ-12	129	50	50	21(18)	6	39	30	60	M16x2P (M14x2P)	1.5 x 60°	6.1
SJ-15	165	62	62	22(25.5)	8(5)	37	43	85	M20x2.5P	1.5 x 60°	12.5
SJ-18	165	62	62	22(25.5)	8(5)	37	43	85	M20x2.5P	1.5 x 60°	12.5
SJ-21	180	65	70	25	9	40	60	80	M20x2.5P	3.0 x 60°	16.2
SJ-24	180	65	70	25	9	40	60	80	M20x2.5P	3.0 x 60°	16.2

單位/UNIT:mm

LZ BAR PULLERS FOR CNC LATHES

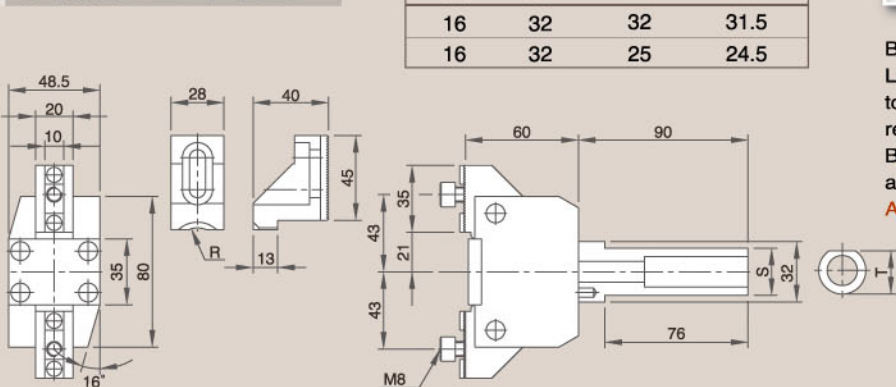
CNC車床拉料器

拉料器適用於CNC車床及數控專用機刀塔上，可取代自動送料機，其拉料長度精確，為自動化之必備利器。

使用說明：

1. 夾爪開合直徑須比工件小3~5mm.
2. 工件夾持長度從爪面算起最少16mm.
3. R1 夾持範圍ø12~ø26.
4. R2 夾持範圍ø27~ø46.

尺寸圖 » Dimensions



單位/UNIT:mm

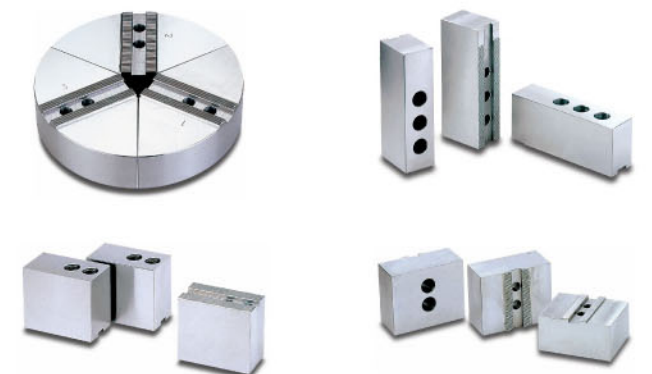


Bar Puller is great for installing on the turret of CNC Lathes or other Automatic special purpose machines to substitute for automatic bar feeder. For the repetitive pulling length is very accurate; the use of Bar Puller is a very convenient and effective alternative for automatic machines.

- Application:
1. The opening of bar puller shall be 3~5mm less than the diameter of work piece.
 2. The gripping length has to be more than 16mm from chuck surface.
 3. R1 Gripping range: ø12~ø26mm.
 4. R2 Gripping range: ø27~ø46mm.

SPECIAL SOFT JAWS FOR HYDRAULIC CHUCKS

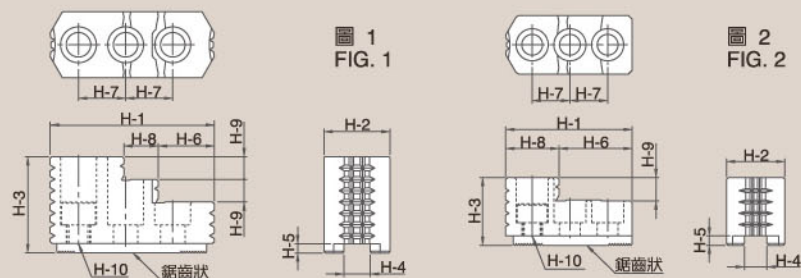
特殊油壓生爪 (加長、加高、加寬)



HJ HARD JAWS (HJ-SERIES) FOR HYDRAULIC CHUCKS

油壓硬爪

尺寸圖 > Dimensions



規格表 > Specifications

型式/規格 MODEL / SPEC.	H-1	H-2	H-3	H-4	H-5	H-6	H-7	H-8	H-9	H-10	鋸齒狀節距 Serration Pitch	淨重 Weight (kg)	參考圖 Reference Drawing
HJ-04	53	23	28	10	4	29	14	24	10	M8x1.25P	1.5 x 60°	0.4	圖-2 Fig.2
HJ-05	53	23	28	10	4	29	14	24	10	M8x1.25P	1.5 x 60°	0.4	圖-2 Fig.2
HJ-06	67	31	36	12	5	39	20	28	12	M10x1.5P	1.5 x 60°	0.95	圖-2 Fig.2
HJ-08	87	35	51	14	5	29.5	25	18	12	M12x1.75P	1.5 x 60°	1.9	圖-1 Fig.1
HJ-10	101	40	54	16	5	45.5	30	18	13	M12x1.75P	1.5 x 60°	2.8	圖-1 Fig.1
HJ-12	108	50	67	21(18)	4(5)	49	30	20	16	M16x2P	1.5 x 60°	3.5	圖-1 Fig.1
HJ-15	143	62	86	22(25.5)	8(5)	55	43	38	20	M20x2.5P	1.5 x 60°	9.5	圖-1 Fig.1
HJ-18	143	62	86	22(25.5)	8(5)	55	43	38	20	M20x2.5P	1.5 x 60°	9.5	圖-1 Fig.1
HJ-21	159.5	80	90	25	9	97.5	50	62	40	M20x2.5P	3 x 60°	15.3	圖-2 Fig.2
HJ-24	159.5	80	90	25	9	97.5	50	62	40	M20x2.5P	3 x 60°	15.3	圖-2 Fig.2

單位/UNIT:mm

MOUNTING PLATES

連結盤

- ◆ 各種鼻端規格，千島連結盤均能選配使用。
- ◆ "Chadox" mounting plates are available to any kinds of spindle noses.

尺寸圖 > Dimensions

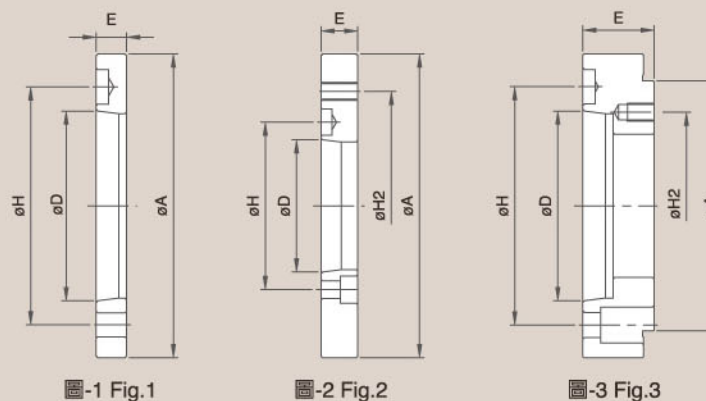


圖-1 Fig.1



圖-2 Fig.2



圖-3 Fig.3

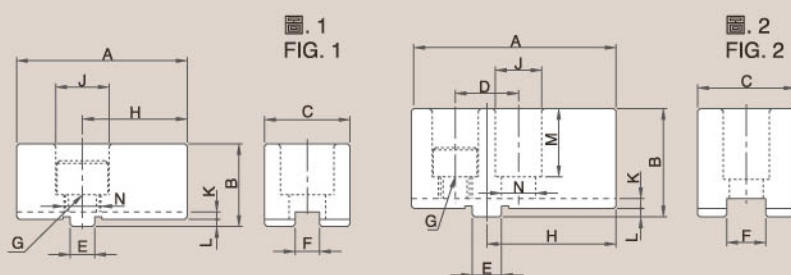
S SOFT JAWS FOR PULL BACK POWER CHUCKS

後拉式夾頭專用生爪

新產品
NEW



尺寸圖 > Dimensions



規格表 > Specifications

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-06	70	34	35	--	10	10	M14x2P	43	23	3.0	3.0	21	15.5	圖-1 fig.1
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-2 fig.2
S-12	120	54.5	60	36	17	20	M16x2P	78	26	3.5	3.5	36	17.5	圖-2 fig.2

單位/UNIT:mm

規格表 > Specifications

單位/UNIT:mm

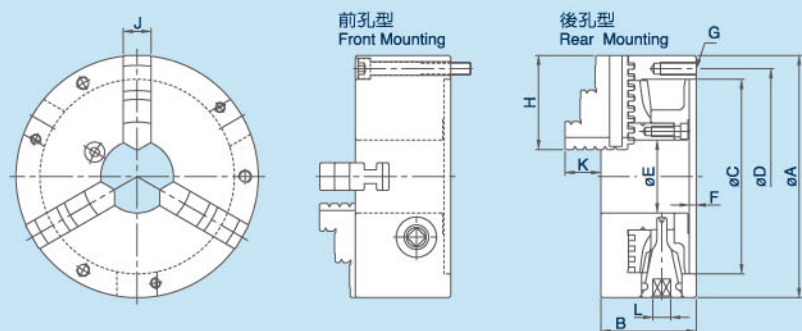
型式/規格 MODEL / SPEC.	鼻端番號 Nose of Spindle D	A	H	H2	E	參考圖 Reference Drawing
T005A ₂ 4	A ₂ 4	110	82.6	--	20	圖-1 fig.1
T006A ₂ 5	A ₂ 5	140	104.8	--	15	圖-1 fig.1
T008A ₂ 6	A ₂ 6	170	133.4	--	17	圖-1 fig.1
T010A ₂ 8	A ₂ 8	220	171.4	--	18	圖-1 fig.1
T012A ₂ 8	A ₂ 8	220	171.4	--	18	圖-1 fig.1
T015A ₂ 11	A ₂ 11	300	235	--	22	圖-1 fig.1
T018A ₂ 11	A ₂ 11	300	235	--	22	圖-1 fig.1
T021A ₂ 15	A ₂ 15	380	300.2	--	27	圖-1 fig.1
T024A ₂ 20	A ₂ 20	520	463.6	--	27	圖-1 fig.1

型式/規格 MODEL / SPEC.	鼻端番號 Nose of Spindle D	A	H	H2	E	參考圖 Reference Drawing
T005A ₂ 5	A ₂ 5	110	104.8	82.6	45	圖-3 fig.3
T006A ₂ 4	A ₂ 4	140	82.6	104.8	20	圖-2 fig.2
T006A ₂ 6	A ₂ 6	140	133.4	104.8	40	圖-3 fig.3
T008A ₂ 8	A ₂ 8	170	171.4	133.4	45	圖-3 fig.3
T008A ₂ 5	A ₂ 5	170	104.8	133.4	23	圖-2 fig.2
T010A ₂ 6	A ₂ 6	220	133.4	171.4	28	圖-2 fig.2
T012A ₂ 6	A ₂ 6	220	133.4	171.4	28	圖-2 fig.2
T012A ₂ 11	A ₂ 11	220	235	171.4	54	圖-3 fig.3
T015A ₂ 8	A ₂ 8	300	171.4	235	33	圖-2 fig.2
T018A ₂ 8	A ₂ 8	300	171.4	235	33	圖-2 fig.2
T021A ₂ 11	A ₂ 11	380	235	330.2	41	圖-2 fig.2
T024A ₂ 11	A ₂ 11	520	235	463.6	45	圖-2 fig.2
T024A ₂ 15	A ₂ 15	520	330.2	463.6	42	圖-2 fig.2

SC 3-JAW SCROLL CHUCKS

普通型三爪夾頭

尺寸圖 > Dimensions



規格表 > Specifications

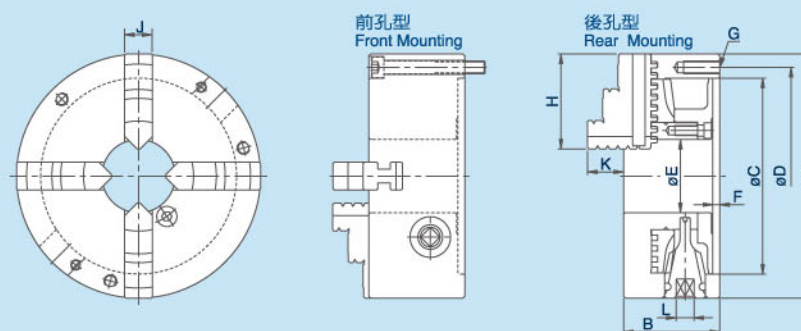
型式/規格 MODEL /SPEC.	A	B	C	D	E	F	G	H	J	K	L	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)	把握範圍 Max. Gripping Diameter		淨重 Weight (kg)
													外徑把握 O.D.Clamping	內徑把握 I.D.Clamping	
SC-03	85	45	60	73	16	3.5	3-M6x1P	35	11	15	7	2500	ø2-ø70	ø24-ø64	1.5
SC-04	112	58	80	95	24	4.5	3-M8x1.25P	42	14	17	8	2500	ø3-ø90	ø32-ø84	3.3
SC-05	132	60	100	115	32	4.5	3-M8x1.25P	50	16	20	8	2500	ø3-ø110	ø35-ø100	4.6
SC-06	167	66	130	147	45	5	3-M10x1.5P	65	19	23	10	2000	ø4-ø160	ø48-ø150	7.9
SC-07	193	76	155	172	58	5	3-M10x1.5P	75	22	28	11	2000	ø4-ø180	ø56-ø170	12.0
SC-08	203	76	160	176	58	5	3-M10x1.5P	75	22	28	11	2000	ø4-ø180	ø56-ø170	13.3
SC-09	233	84	190	210	70	5.5	3-M12x1.75P	85	24	34.5	12	2000	ø5-ø220	ø62-ø210	19.3
SC-10	273	86	230	250	89	5.5	3-M12x1.75P	98	28	39	12	1800	ø6-ø260	ø70-ø250	26.2
SC-12	310	96	260	285	105	7	3-M12x1.75P	110	30	45	14	1800	ø10-ø300	ø86-ø290	37.6
SC-16	405	122	345	375	160	8	6-M14x2P	146	40	56	15	1500	ø14-ø400	ø100-ø380	80.7

單位/UNIT:mm

PS 4-JAW SCROLL CHUCKS

連動型四爪夾頭

尺寸圖 > Dimensions



規格表 > Specifications

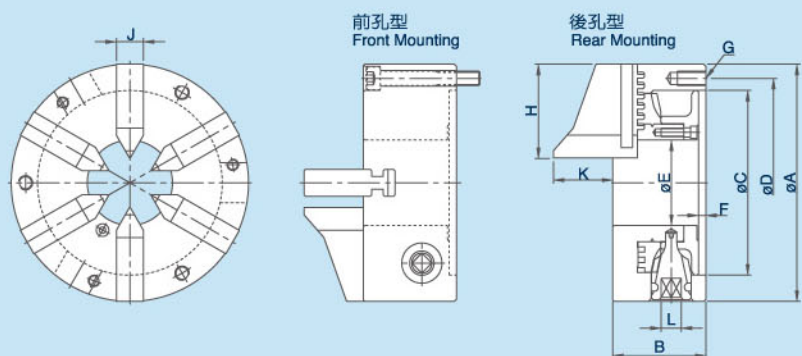
型式/規格 MODEL /SPEC.	A	B	C	D	E	F	G	H	J	K	L	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)	把握範圍 Max. Gripping Diameter		淨重 Weight (kg)
													外徑把握 O.D.Clamping	內徑把握 I.D.Clamping	
PS-07	193	76	155	172	58	5	3-M10x1.5P	75	22	28	11	2000	ø4-ø180	ø56-ø170	12.1
PS-09	233	84	190	210	70	5.5	3-M12x1.75P	85	24	34.5	12	2000	ø5-ø220	ø62-ø210	19.4
PS-12	310	96	260	285	105	7	3-M12x1.75P	110	30	45	14	1800	ø10-ø300	ø86-ø290	38.1
PS-16	405	122	345	375	160	8	6-M14x2P	146	40	56	15	1500	ø14-ø400	ø100-ø380	82.4

單位/UNIT:mm

AS 6-JAW AWL TYPE CHUCKS

錐型六爪夾頭

尺寸圖 > Dimensions



規格表 > Specifications

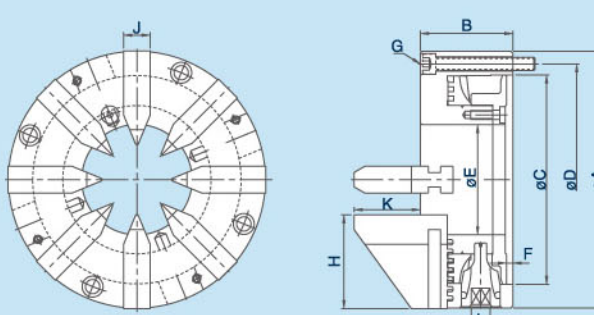
型式/規格 MODEL /SPEC.	A	B	C	D	E	F	G	H	J	K	L	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)	把握範圍 Max. Gripping Diameter		淨重 Weight (kg)
													外徑把握 O.D.Clamping	內徑把握 I.D.Clamping	
AS-04	112	58	80	95	32	4.5	3-M8x1.25P	45	14	46	8	1200	ø2-ø32		3.8
AS-06	167	65	130	147	60	5.0	3-M10x1.5P	66	19	43	10	1200	ø3-ø60		8.2

單位/UNIT:mm

AE 8-JAW AWL TYPE CHUCKS

錐型八爪夾頭

尺寸圖 > Dimensions



規格表 > Specifications

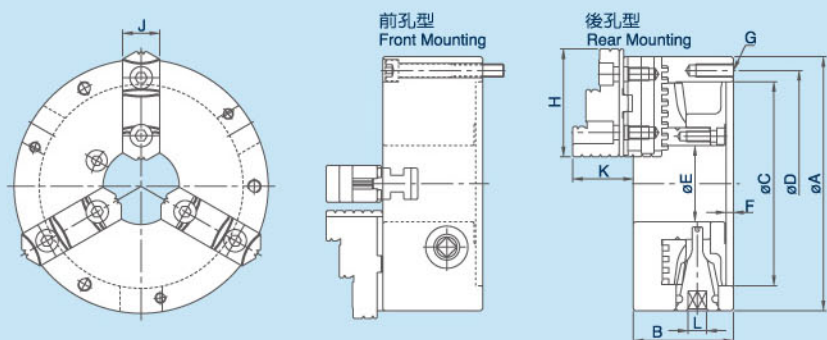
型式/規格 MODEL /SPEC.	A	B	C	D	E	F	G	H	J	K	L	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)	把握範圍 Max. Gripping Diameter		淨重 Weight (kg)
													外徑把握 O.D.Clamping	內徑把握 I.D.Clamping	
AE-09	233	84	190	210	100	5.5	4-M12x1.75P	85	24	60	12	1000	ø7-ø100		21

單位/UNIT:mm

SK 3-JAW POWERFUL TYPE SCROLL CHUCKS

強力型三爪夾頭

尺寸圖 > Dimensions



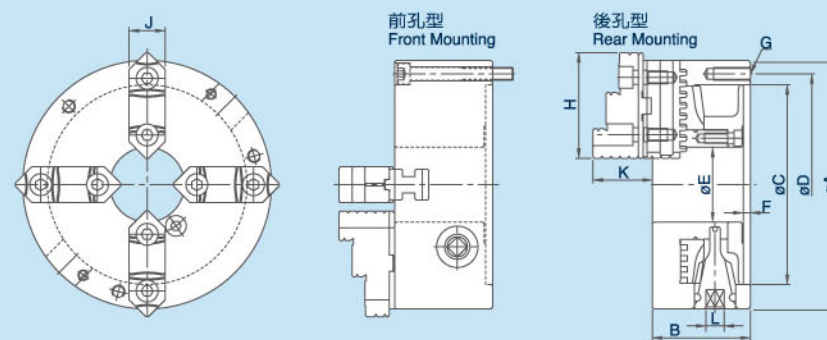
規格表 > Specifications

型式/規格 MODEL / SPEC.	A	B	C	D	E	F	G	H	J	K	L	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)	把握範圍 Max. Gripping Diameter		淨重 Weight (kg)
													外徑把握 O.D.Clamping	內徑把握 I.D.Clamping	
SK-04	112	58	80	95	24	4.5	3-M8x1.25P	47	19	31.5	8	2500	ø3-ø100	ø35-ø93	3.45
SK-05	132	60	100	115	32	4.5	3-M8x1.25P	57	24	36	8	2500	ø3-ø123	ø43-ø122	5.0
SK-06	167	66	130	147	45	5	3-M10x1.5P	68	26	39	10	2000	ø8-ø160	ø55-ø150	8.6
SK-07	193	76	155	172	58	5	3-M10x1.5P	82	28	43	11	2000	ø8-ø180	ø62-ø170	12.8
SK-08	203	76	160	176	58	5	3-M10x1.5P	82	28	43	11	2000	ø8-ø180	ø62-ø170	14.1
SK-09	233	84	190	210	70	5.5	3-M12x1.75P	93	32	50	12	2000	ø11-ø220	ø70-ø210	20.4
SK-10	273	86	230	250	89	5.5	3-M12x1.75P	102	32	54.5	12	1800	ø12-ø260	ø80-ø250	26.7
SK-12	310	96	260	285	105	7	3-M12x1.75P	118	40	56	14	1800	ø15-ø300	ø90-ø290	39.3
SK-16	405	122	345	375	160	8	6-M14x2P	150	50	75	15	1500	ø30-ø400	ø110-ø380	82.3

PSK 4-JAW POWERFUL TYPE SCROLL CHUCKS

強力連動型四爪夾頭

尺寸圖 > Dimensions



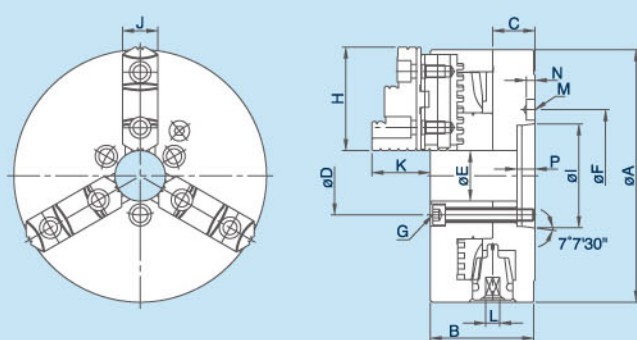
規格表 > Specifications

型式/規格 MODEL / SPEC.	A	B	C	D	E	F	G	H	J	K	L	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)	把握範圍 Max. Gripping Diameter		淨重 Weight (kg)
													外徑把握 O.D.Clamping	內徑把握 I.D.Clamping	
PSK-07	193	76	155	172	58	5	3-M10x1.5P	82	28	43	11	2000	ø8-ø180	ø62-ø170	12.7
PSK-09	233	84	190	210	70	5.5	3-M12x1.75P	93	32	50	12	2000	ø11-ø220	ø70-ø210	20.8
PSK-12	310	96	260	285	105	7	3-M12x1.75P	118	40	56	14	1800	ø15-ø300	ø90-ø290	43
PSK-16	405	122	345	375	160	8	6-M14x2P	150	50	75	15	1500	ø30-ø400	ø110-ø380	86.7

A1 3-JAW A1 TYPE CHUCKS

直裝型三爪夾頭

尺寸圖 > Dimensions



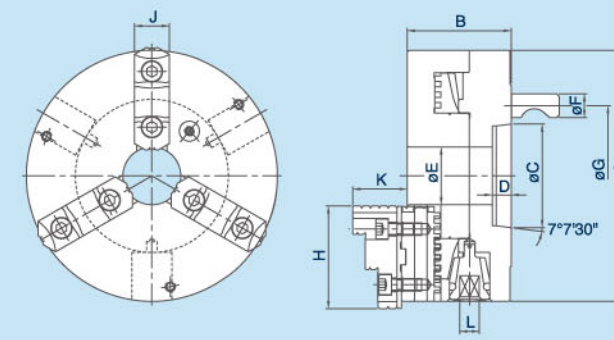
規格表 > Specifications

型式/規格 MODEL / SPEC.	A	B	C	D	E	F	G	H	I	J	K	L	P	M	N	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)	把握範圍 Max. Gripping Diameter		淨重 Weight (kg)
																	外徑把握 O.D.Clamping	內徑把握 I.D.Clamping	
A15-08"	200	83	33.5	ø61.9	40	ø104.8	3-M10x1.5P	82	82.563	28	43	11	14.29	ø16.3	7.3	2000	ø8-ø180	ø62-ø170	17.4
A16-08"	200	83	33.5	ø82.6	56	ø133.4	3-M12x1.75P	82	106.375	28	43	11	15.88	ø19.3	7.5	2000	ø8-ø180	ø62-ø170	18
A16-10"	255	91.5	36.5	ø82.6	56	ø133.4	3-M12x1.75P	93	106.375	32	50	12	15.88	ø19.3	7.5	1800	ø11-ø240	ø70-ø230	30.6

D1 3-JAW D1 TYPE CHUCKS

直裝型三爪夾頭

尺寸圖 > Dimensions



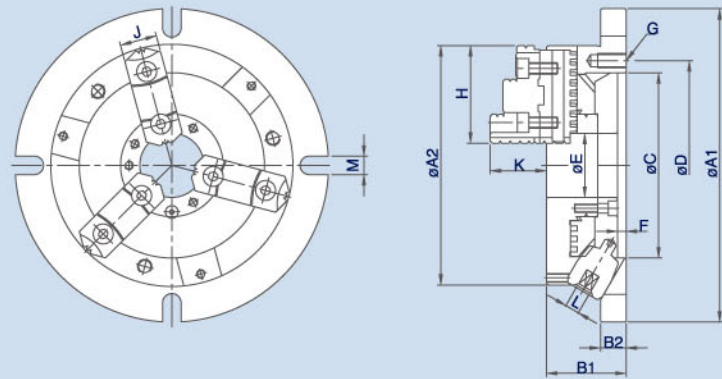
規格表 > Specifications

型式/規格 MODEL / SPEC.	A	B	C	D	E	F	G	H	J	K	L	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)	把握範圍 Max. Gripping Diameter	
													外徑把握 O.D.Clamping	內徑把握 I.D.Clamping
D15-08"	200	83	82.563	15	46	19	104.8	82	28	43	11	2000	ø8-ø180	ø62-ø170
D16-08"	200	83	106.375	16	58	22.2	133.4	82	28	43	11	2000	ø8-ø180	ø62-ø170
D16-10"	255	94	106.375	16	76	22.2	133.4	93	32	50	12	1800	ø11-ø240	ø70-ø230
D18-10"	255	94	139.719	18	76	25.4	171.4	93	32	50	12	1800	ø11-ø240	ø70-ø230
D18-12"	310	105	139.719	18	103	25.4	171.4	118	40	56	14	1800	ø15-ø300	ø90-ø290

強力超薄型夾盤

1. 把手和盤面成30°角，旋轉操作更便利。
2. 薄型設計，可增加機械加工之容許長度。
3. 外徑成凸緣設計，裝卸容易。
4. 強力型設計可共用生爪。

尺寸圖 » Dimensions



規格表 » Specifications

型式/規格 MODEL /SPEC.	A1	A2	B1	B2	C	D
NBK-06	220	170	58	18	130	147
NBK-08	270	210	65	20	155	172
NBK-10	315	255	73	20	190	210
NBK-12	370	305	80	22	250	285

型式/規格 MODEL /SPEC.	E	F	G	H	J	K
NBK-06	45	6	3-M10x1.5P	68	26	40
NBK-08	60	6	3-M10x1.5P	82	28	43
NBK-10	80	6	3-M12x1.75P	93	32	52
NBK-12	105	5	3-M12x1.75P	118	40	59

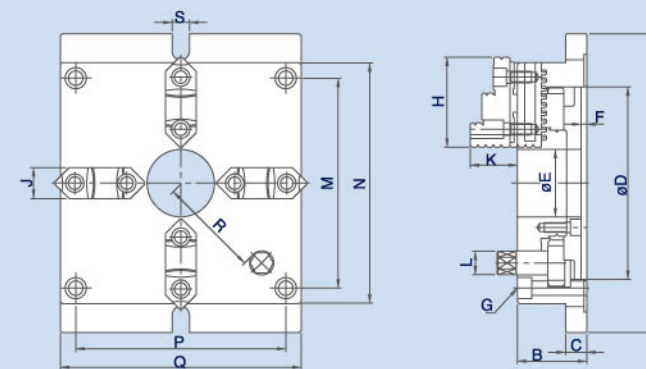
型式/規格 MODEL /SPEC.	L	M	把握範圍 Max. Gripping Diameter		淨重 Weight (kg)
			外徑把握 O.D. Clamping (mm)	內徑把握 I.D. Clamping (mm)	
NBK-06	10	13	ø8~ø160	ø48~ø150	10.6
NBK-08	11	13	ø11~ø200	ø62~ø190	18.1
NBK-10	12	16	ø12~ø250	ø72~ø240	27.9
NBK-12	14	18	ø15~ø300	ø86~ø290	42.9

方型超薄夾盤

專利產品
Patent Protected

1. MC 均為定寸研磨方式；任何相同規格之方型夾盤 W,X,Y,Z 各點之高度公差為0.05mm以內。
2. MC規格均可替換生爪，作不規則形狀之加工，以替代中心機大量治具，更經濟、方便。
3. 硬爪重複夾持之精度公差為0.02mm 以內。
4. 側邊平行校正後，硬爪夾持之平行公差為0.05mm以內。

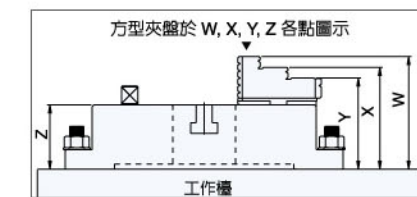
尺寸圖 » Dimensions



規格表 » Specifications

型式/規格 MODEL /SPEC.	A	B	C	D	E	F	G	H	J	K	L	M
MC-06	215	57	18	130	40	5.5	4-M10x1.5P	68	26	39	14	144
MC-08	250	65	20	160	55	6	4-M12x1.75P	82	28	43	17	174
MC-10	310	72	22	200	70	6	4-M14x2P	93	32	50	21	218
MC-12	380	85	25	260	100	7	4-M16x2P	118	40	56	23	274

型式/規格 MODEL /SPEC.	N	P	Q	R	S	把握範圍 Max. Gripping Diameter		淨重 Weight (kg)
						外徑把握 O.D. Clamping (mm)	內徑把握 I.D. Clamping (mm)	
MC-06	165	144	165	66	18	ø4-ø128	ø55-ø128	11.4
MC-08	200	174	200	83	18	ø5-ø162	ø62-ø162	18.6
MC-10	250	218	250	104	18	ø6-ø200	ø72-ø200	31.6
MC-12	310	274	310	135	22	ø10-ø265	ø90-ø265	56.6



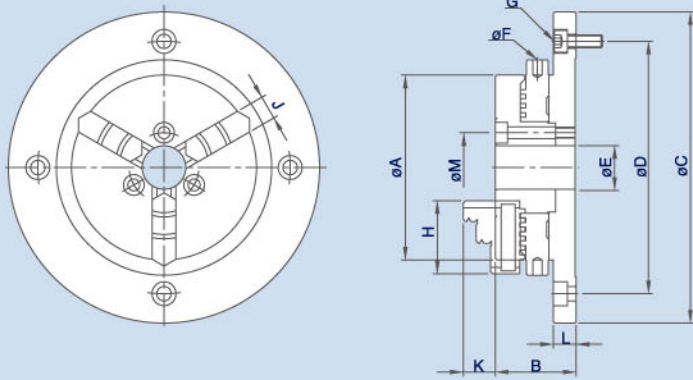
1. MC chucks are precisely ground, the tolerances of W,X,Y,Z among chucks are within 0.05mm.
2. Soft jaws can be used alternatively for machining special shaped work pieces, to substitute for designing and making a lot of jigs for this purpose.
3. The repetitive gripping accuracy with the hard jaws are within 0.02mm.
4. Parallel gripping accuracy with hard jaws can be controlled within 0.05mm after aligning sides of chucks.

超薄型夾盤

新產品
NEW

1. 輕、薄、短小的設計，適用於工件量測夾持。
2. 直接轉動旋盤，免於使用板手旋轉干涉。
3. 鋼製本體，耐用性甚佳。
4. 夾爪正反夾持兩用設計，操作方便。
5. 2"最小工件夾持0.8mm。

尺寸圖 > Dimensions



1. By the compactness comes from " Light, Thin, Short, Small " designing concept; the chucks are most fitting to hold work pieces for measuring.
2. Just rotate the chuck knob directly for gripping and loosening, A handle is not necessary to be used.
3. Chuck body is made of very durable steel.
4. Jaws can be reversibly used; gripping of various sizes becomes much convenient.
5. 2" chucks can even grip up to the smallest size of 0.8mm.

規格表 > Specifications

單位/UNIT:mm

型式/規格 MODEL / SPEC.	A	B	C	D	E	F
SE-02	63	28	118	100	16	4
SE-03	85	37	143	116	20	4
SE-04	110	39	168	140	26	5
SE-05	130	45	202	168	32	6
SE-06	160	52	248	208	50	8

型式/規格 MODEL / SPEC.	G	H	J	K	L
SE-02	4-M5x0.8P	27	8	13	8
SE-03	4-M6x1P	35	11	15	10.5
SE-04	4-M6x1P	42	14	19	10
SE-05	4-M8x1.25P	50	16	21	11.5
SE-06	4-M10x1.5P	65	19	26	15

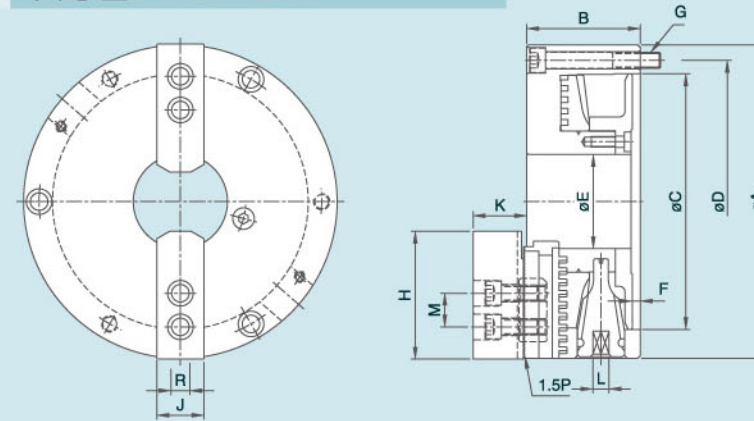
型式/規格 MODEL / SPEC.	M	外徑把握 O.D.Clamping (mm)	把握範圍 Max.Gripping Diameter 內徑把握 I.D.Clamping (mm)	淨重 Weight (kg)
SE-02	26	ø0.8~ø63	ø23~ø58	1.2
SE-03	32	ø1~ø81	ø31~ø70	2.9
SE-04	40	ø1~ø100	ø36~ø90	4.3
SE-05	49	ø1.5~ø116	ø43~ø106	6.2
SE-06	70	ø1.5~ø160	ø52~ø148	11.1

齒式二爪鋼殼夾頭

新產品
NEW

1. 可替代修整油壓生爪成型盤。
2. 爪仔可前後任意調整，加大夾持工件範圍。
3. 生爪及硬爪與CNC車床油壓爪共用。
4. 鋼殼結構於高速迴轉時安全性高，耐磨性強，使用壽命長。
5. 轉動板手扭力較小操作順暢。

尺寸圖 > Dimensions



1. Can be used as a "Forming plate" for machining soft jaws.
2. Hard jaws and soft jaws can be adjusted just like on a power Chuck to increase the gripping range.
3. Hard jaws as well as Soft jaws are interchangeable with those of power chucks.
4. Chuck Body is made of steel to enhance safety operations for high speed machining.
5. The Chuck Handle can be operated easily and smoothly.

特點配合圖示說明 > Illustrate

1
可替代修整油壓生爪成型盤

The chuck can be used as a "Forming plate" for machining soft jaws.

2
爪仔可前後任意調整加大夾持工件範圍

Top jaws can be adjusted back and forth easily, thus increasing gripping range.

3
硬爪與油壓夾盤硬爪共用

Hard jaws are interchangeable with those of power chucks.

4
生爪與油壓夾盤生爪共用

Soft jaws are interchangeable with those of power chucks.

特別附件

5
連結盤

Optional accessory: Mounting plate.

規格表 > Specifications

單位/UNIT:mm

型式/規格 MODEL / SPEC.	A	B	C	D	E	F	G	H	J	K	L
TNT-07	193	78	155	172	58	5	3-M10x1.5P	73	31	38	11
TNT-09	233	85	190	210	70	5.5	3-M12x1.75P	95	35	40	12

型式/規格 MODEL / SPEC.	M	R	最高轉速 Max. Speed r.p.m.(min ⁻¹)	把握範圍 Max.Gripping Diameter 外徑把握 O.D.Clamping (mm)	內徑把握 I.D.Clamping (mm)	淨重 Weight (kg)
TNT-07	20	12	3200	ø8~ø235	ø66~ø235	14.4
TNT-09	25	14	2800	ø11~ø280	ø85~ø280	22.3

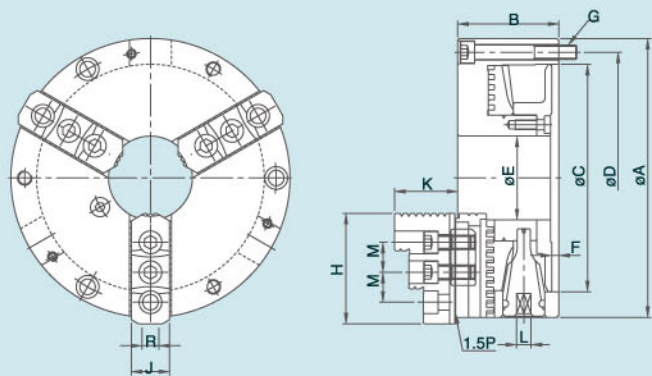
齒式三爪鋼殼夾頭

新產品
NEW

- 1.可替代修整油壓生爪成型盤。
- 2.爪仔可前後任意調整，加大夾持工件範圍。
- 3.生爪及硬爪與CNC車床油壓爪共用。
- 4.鋼殼結構於高速迴轉時安全性高，耐磨性強，使用壽命長。
- 5.轉動板手扭力較小操作順暢。



尺寸圖 > Dimensions



- 1.Can be used as a "Forming plate" for machining soft jaws.
- 2.Hard jaws and soft jaws can be adjusted just like on a power Chuck to increase the gripping range.
- 3.Hard jaws as well as Soft jaws are interchangeable with those of power chucks.
- 4.Chuck Body is made of steel to enhance safety operations for high speed machining.
- 5.The Chuck Handle can be operated easily and smoothly.

特點配合圖示說明 > Illustrate



可替代修整油壓生爪成型盤
The chuck can be used as a "Forming plate" for machining soft jaws.



爪仔可前後任意調整加大夾持工件範圍
Top jaws can be adjusted back and forth easily, thus increasing gripping range.



硬爪與油壓夾盤硬爪共用
Hard jaws are interchangeable with those of power chucks.



生爪與油壓夾盤生爪共用
Soft jaws are interchangeable with those of power chucks.

特別附件



連結盤
Optional accessory: Mounting plate.

規格表 > Specifications

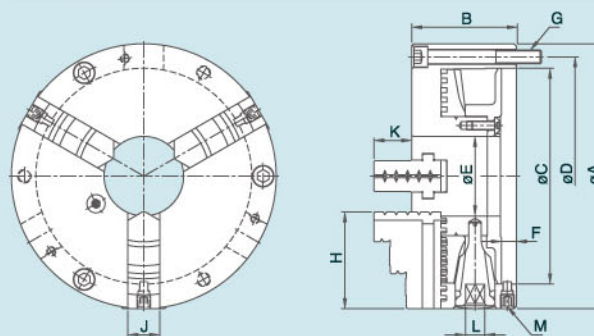
單位/UNIT:mm

型式/規格 MODEL / SPEC.	A	B	C	D	E	F	G	H	J	K	L
NT-07	193	78	155	172	58	5	3-M10x1.5P	78	28	46	11
NT-09	233	85	190	210	70	5.5	3-M12x1.75P	92	32	52	12
NT-10	275	91	230	250	89	5.5	3-M12x1.75P	101.5	37	56	12
NT-12	310	104	260	285	105	7	3-M12x1.75P	116	47	67	14

型式/規格 MODEL / SPEC.	M	R	最高轉速 Max. Speed r.p.m.(min ⁻¹)	把握範圍 Max.Gripping Diameter		淨重 Weight (kg)
				外徑把握 O.D.Clamping (mm)	內徑把握 I.D.Clamping (mm)	
NT-07	20	12	3200	ø8~ø235	ø66~ø235	13.1
NT-09	25	14	2800	ø11~ø280	ø85~ø280	21.2
NT-10	30	16	2400	ø12~ø330	ø92~ø330	30.5
NT-12	30	21	2100	ø15~ø370	ø104~ø370	46.1

可調式普通型三爪鋼殼夾頭

尺寸圖 > Dimensions



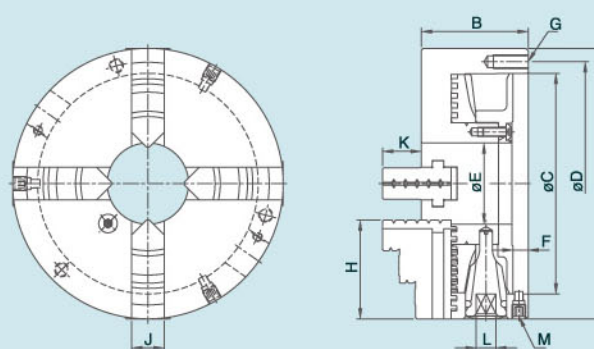
規格表 > Specifications

單位/UNIT:mm

型式/規格 MODEL / SPEC.	A	B	C	D	E	F	G	H	J	K	L	M	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)	把握範圍 Max. Gripping Diameter		淨重 Weight (kg)
														外徑把握 O.D.Clamping	內徑把握 I.D.Clamping	
CT-06	167	75.5	130	147	45	12	3-M10x1.5P	65	22	28	10	3-M12x1.75P	4000	ø4~ø160	ø48~ø150	10.4
CT-07	193	85	155	172	58	12	3-M10x1.5P	75	24	28.5	11	3-M12x1.75P	3500	ø4~ø180	ø56~ø170	12.9
CT-09	233	92	190	210	70	12.5	3-M12x1.75P	85	28	33	12	3-M12x1.75P	2900	ø5~ø220	ø62~ø210	20.4
CT-10	275	98	230	250	89	12.5	3-M12x1.75P	98	30	38	12	3-M12x1.75P	2500	ø6~ø260	ø70~ø250	29.3
CT-12	310	111	260	285	105	14	3-M12x1.75P	110	32	45	14	3-M12x1.75P	2200	ø10~ø300	ø86~ø290	43.7

可調式普通型四爪鋼殼夾頭

尺寸圖 > Dimensions



規格表 > Specifications

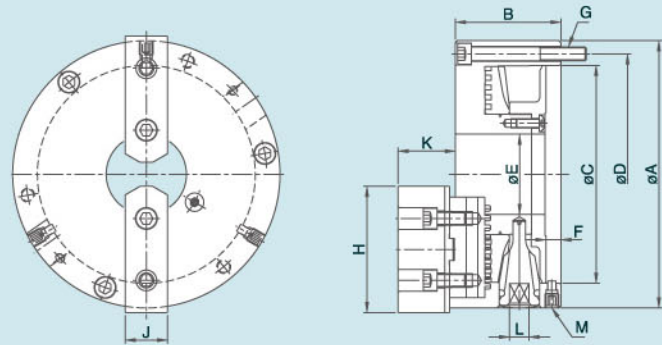
單位/UNIT:mm

型式/規格 MODEL / SPEC.	A	B	C	D	E	F	G	H	J	K	L	M	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)	把握範圍 Max. Gripping Diameter		淨重 Weight (kg)
														外徑把握 O.D.Clamping	內徑把握 I.D.Clamping	
FCT-07	193	85	155	172	58	12	3-M10x1.5P	75	24	28.5	11	3-M12x1.75P	3500	ø4~ø180	ø56~ø170	13.2
FCT-09	233	92	190	210	70	12.5	3-M12x1.75P	85	28	33	12	3-M12x1.75P	2900	ø5~ø220	ø62~ø210	20.7
FCT-10	275	98	230	250	89	12.5	3-M12x1.75P	98	30	38	12	3-M12x1.75P	2500	ø6~ø260	ø70~ø250	29.8
FCT-12	310	111	260	285	105	14	3-M12x1.75P	110	32	45	14	3-M12x1.75P	2200	ø10~ø300	ø86~ø290	44.4

TKT 2-JAW POWERFUL TYPE ADJUSTMENT STEEL BODY CHUCKS

可調式強力型二爪鋼殼夾頭

尺寸圖 > Dimensions



規格表 > Specifications

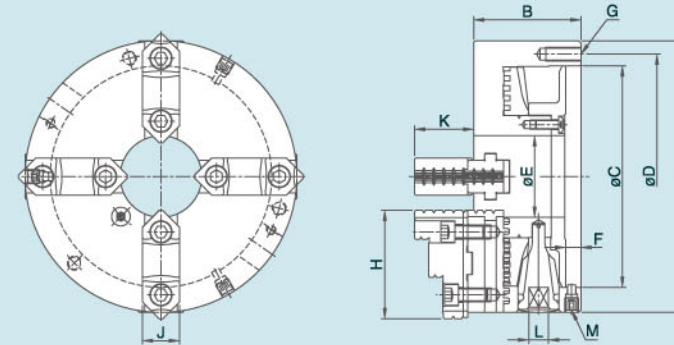
型式/規格 MODEL /SPEC.	A	B	C	D	E	F	G	H	J	K	L	M	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)	把握範圍 Max. Gripping Diameter		淨重 Weight (kg)
														外徑把握 O.D.Clamping	內徑把握 I.D.Clamping	
TKT-06	167	75.5	130	147	45	12	3-M10x1.5P	73	26	40.5	10	3-M12x1.75P	4000	ø9~ø160	ø60~ø150	10.4
TKT-07	193	85	155	172	58	12	3-M10x1.5P	95	31	49.5	11	3-M12x1.75P	3500	ø10~ø180	ø70~ø170	14.6
TKT-09	233	92	190	210	70	12.5	3-M12x1.75P	110	37	50	12	3-M12x1.75P	2900	ø12~ø220	ø80~ø210	22.4

單位/UNIT:mm

FKT 4-JAW POWERFUL TYPE ADJUSTMENT STEEL BODY CHUCKS

可調式強力型四爪鋼殼夾頭

尺寸圖 > Dimensions



規格表 > Specifications

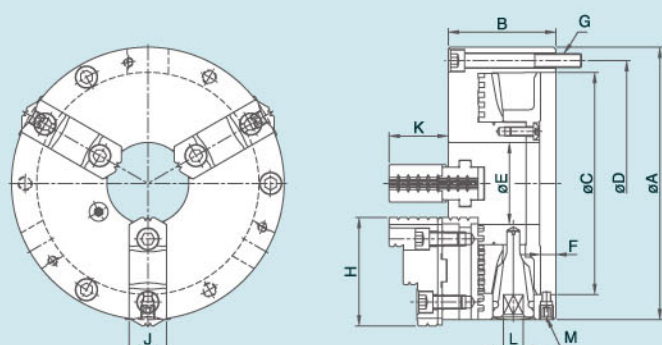
型式/規格 MODEL /SPEC.	A	B	C	D	E	F	G	H	J	K	L	M	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)	把握範圍 Max. Gripping Diameter		淨重 Weight (kg)
														外徑把握 O.D.Clamping	內徑把握 I.D.Clamping	
FKT-07	193	85	155	172	58	12	3-M10x1.5P	82	28	43	11	3-M12x1.75P	3500	ø8~ø180	ø62~ø170	14.1
FKT-09	233	92	190	210	70	12.5	3-M12x1.75P	93	32	51	12	3-M12x1.75P	2900	ø11~ø220	ø70~ø210	22
FKT-10	275	98	230	250	89	12.5	3-M12x1.75P	102	35	54	12	3-M12x1.75P	2500	ø12~ø260	ø80~ø250	33.5
FKT-12	310	111	260	285	105	14	3-M12x1.75P	118	40	58	14	3-M12x1.75P	2200	ø15~ø300	ø90~ø290	46.1

單位/UNIT:mm

KT 3-JAW POWERFUL TYPE ADJUSTMENT STEEL BODY CHUCKS

可調式強力型三爪鋼殼夾頭

尺寸圖 > Dimensions



規格表 > Specifications

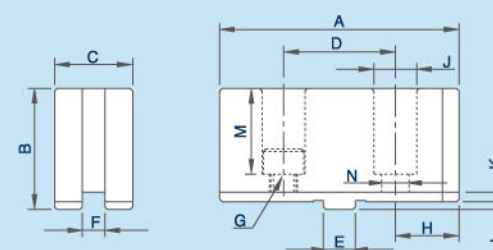
型式/規格 MODEL /SPEC.	A	B	C	D	E	F	G	H	J	K	L	M	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)	把握範圍 Max. Gripping Diameter		淨重 Weight (kg)
														外徑把握 O.D.Clamping	內徑把握 I.D.Clamping	
KT-06	167	75.5	130	147	45	12	3-M10x1.5P	68	26	40	10	3-M12x1.75P	4000	ø8~ø160	ø55~ø150	9.7
KT-07	193	85	155	172	58	12	3-M10x1.5P	82	28	43	11	3-M12x1.75P	3500	ø8~ø180	ø62~ø170	13.6
KT-09	233	92	190	210	70	12.5	3-M12x1.75P	93	32	51	12	3-M12x1.75P	2900	ø11~ø220	ø70~ø210	21.5
KT-10	275	98	230	250	89	12.5	3-M12x1.75P	102	35	54	12	3-M12x1.75P	2500	ø12~ø260	ø80~ø250	30.4
KT-12	310	111	260	285	105	14	3-M12x1.75P	118	40	58	14	3-M12x1.75P	2200	ø15~ø300	ø90~ø290	45.4

單位/UNIT:mm

SO POWER SOFT JAWS

強力生爪

尺寸圖 > Dimensions



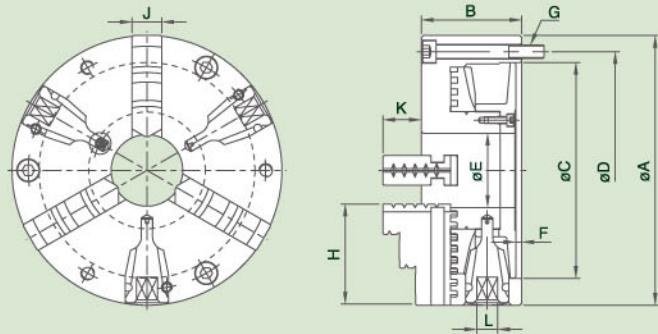
規格表 > Specifications

型式/規格 MODEL /SPEC.	A	B	C	D	E	F	G	H	J	K	L	M	N	淨重 Weight (kg)
SO05Jaw	62	35	24	32	12.68	7.94	M8x1.25P	15	14	3.5	3	24	9	0.9
SO06Jaw	73	37	26	38.1	12.68	7.94	M8x1.25P	17.45	14	3.5	3	25	9	1.3
SO07Jaw	95	48	31	44.4	12.68	7.94	M10x1.5P	25.3	17	3.8	3	34	11	2.6
SO09Jaw	110	48	37	54	19.03	12.7	M12x1.75P	28	19	4.2	3	34	13	3.6
SO12Jaw	125	54	42	63.5	19.03	12.7	M12x1.75P	30.75	19	4.2	3	38	13	5.5
SO16Jaw	160	70	50	76.2	19.03	12.7	M16x2P	41.9	25	5.5	6	48	17	10.4

單位/UNIT:mm

普通型三爪鋼殼夾頭

尺寸圖 > Dimensions



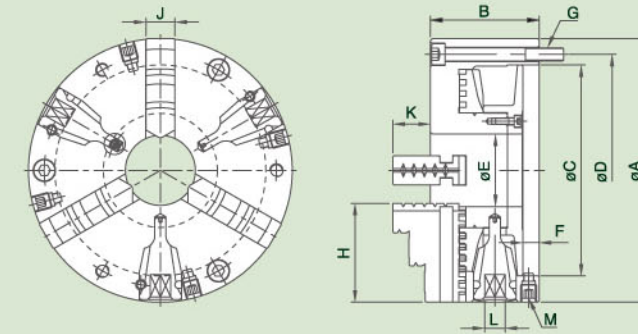
規格表 > Specifications

型式/規格 MODEL /SPEC.	A	B	C	D	E	G	F	H	J	K	L	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)	把握範圍 外徑把握 O.D.Clamping	Max. Gripping Diameter 內徑把握 I.D.Clamping
3DCT-03	80	45.5	56	67	16	3-M6x1P	3	35	11	14.5	7	5600	ø2-ø74	ø25-ø68
3DCT-04	100	53	70	83	20	3-M8x1.25P	3	42	14	17	8	5200	ø3-ø95	ø30-ø83
3DCT-05	125	58.5	95	108	32	3-M8x1.25P	4	50	16	20	8	4800	ø3-ø122	ø35-ø111
3DCT-06	160	65	125	140	42	3-M10x1.5P	4	65	19	23	10	4200	ø4-ø160	ø46-ø155
3DCT-08	200	74.5	160	176	55	3-M10x1.5P	4	75	22	28	11	3500	ø4-ø197	ø51-ø184
3DCT-10	250	83	200	224	76	3-M12x1.75P	5	98	28	38.5	12	2600	ø6-ø267	ø70-ø252
3DCT-12	315	94	260	286	103	3-M16x2P	5	110	30	44.5	14	2200	ø10-ø325	ø81-ø308
3DCT-15	400	112	330	362	136	3-M16x2P	5	146	40	56	17	1600	ø14-ø428	ø106-ø410

單位/UNIT:mm

可調式普通型三爪鋼殼夾頭

尺寸圖 > Dimensions



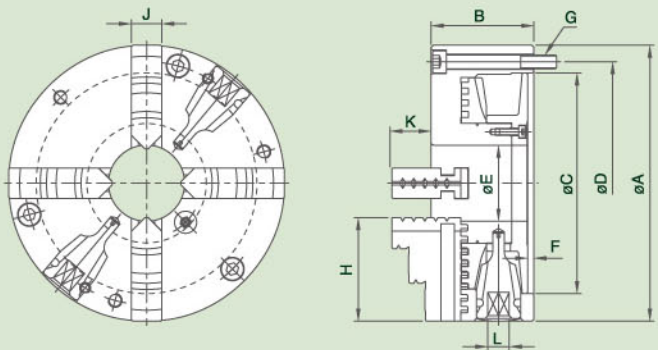
規格表 > Specifications

型式/規格 MODEL /SPEC.	A	B	C	D	E	F	G	H	J	K	M	L	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)	把握範圍 外徑把握 O.D.Clamping	Max. Gripping Diameter 內徑把握 I.D.Clamping
3DACT-04	100	60	70	83	20	10	3-M8x1.25P	42	14	17	4-M8x1.25P	8	5200	ø3-ø95	ø30-ø83
3DACT-05	125	65	95	108	32	10.5	3-M8x1.25P	50	16	20	4-M10x1.5P	8	4800	ø3-ø122	ø35-ø111
3DACT-06	160	72.5	125	140	42	12	3-M10x1.5P	65	19	23	4-M12x1.75P	10	4200	ø4-ø160	ø46-ø155
3DACT-08	200	82.5	160	176	55	12	3-M10x1.5P	75	22	28	4-M12x1.75P	11	3500	ø4-ø197	ø51-ø184
3DACT-10	250	91	200	224	76	13	3-M12x1.75P	98	28	38.5	4-M12x1.75P	12	2600	ø6-ø267	ø70-ø252
3DACT-12	315	103	260	286	103	14	3-M16x2P	110	30	44.5	4-M12x1.75P	14	2200	ø10-ø325	ø81-ø308
3DACT-15	400	122	330	362	136	15	3-M16x2P	146	40	56	4-M12x1.75P	17	1600	ø14-ø428	ø106-ø410

單位/UNIT:mm

普通型四爪鋼殼夾頭

尺寸圖 > Dimensions



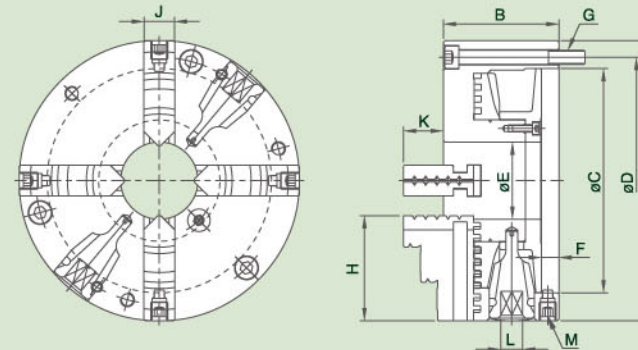
規格表 > Specifications

型式/規格 MODEL /SPEC.	A	B	C	D	E	G	F	H	J	K	L	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)	把握範圍 外徑把握 O.D.Clamping	Max. Gripping Diameter 內徑把握 I.D.Clamping
4DCT-08	200	74.5	160	176	55	3-M10x1.5P	4	75	22	28	11	3500	ø4-ø197	ø51-ø184
4DCT-10	250	83	200	224	76	3-M12x1.75P	5	98	28	38.5	12	2600	ø6-ø265	ø70-ø250
4DCT-12	315	94	260	286	103	3-M16x2P	5	110	30	44.5	14	2200	ø10-ø325	ø81-ø308
4DCT-15	400	112	330	362	136	3-M16x2P	5	146	40	56	17	1600	ø14-ø408	ø106-ø389

單位/UNIT:mm

可調式普通型四爪鋼殼夾頭

尺寸圖 > Dimensions



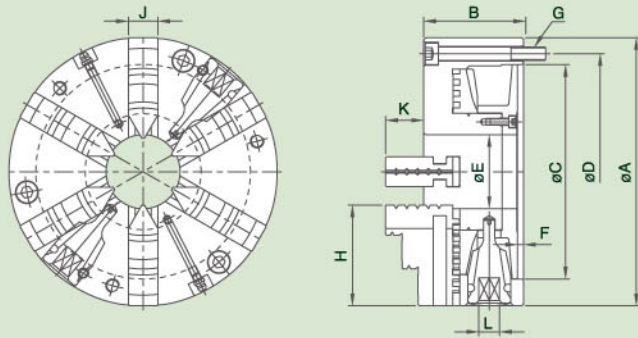
規格表 > Specifications

型式/規格 MODEL /SPEC.	A	B	C	D	E	F	G	H	J	K	M	L	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)	把握範圍 外徑把握 O.D.Clamping	Max. Gripping Diameter 內徑把握 I.D.Clamping
4DACT-08	200	82.5	160	176	55	12	3-M10x1.5P	75	22	28	4-M12x1.75P	11	3500	ø4-ø197	ø51-ø184
4DACT-10	250	91	200	224	76	13	3-M12x1.75P	98	28	38.5	4-M12x1.75P	12	2600	ø6-ø265	ø70-ø250
4DACT-12	315	103	260	286	103	14	3-M16x2P	110	30	44.5	4-M12x1.75P	14	2200	ø10-ø325	ø81-ø308
4DACT-15	400	122	330	362	136	15	3-M16x2P	146	40	56	4-M12x1.75P	17	1600	ø14-ø408	ø106-ø389

單位/UNIT:mm

普通型六爪鋼殼夾頭

尺寸圖 > Dimensions



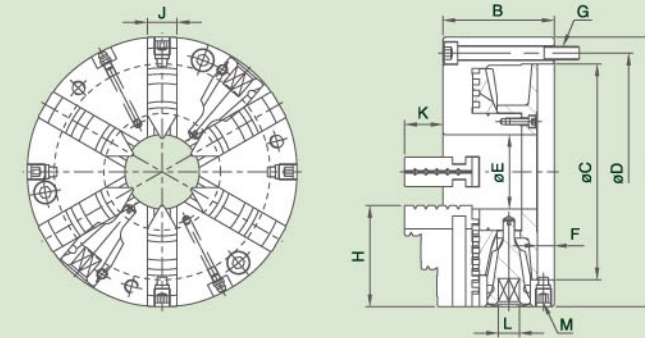
規格表 > Specifications

型式/規格 MODEL /SPEC.	A	B	C	D	E	G	F	H	J	K	L	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)	把握範圍 外徑把握 O.D.Clamping	Max. Gripping Diameter 內徑把握 I.D.Clamping
6DCT-08	200	74.5	160	176	55	3-M10x1.5P	4	75	22	28	11	2900	ø4-ø183	ø51-ø170
6DCT-10	250	83	200	224	76	3-M12x1.75P	5	98	28	38.5	12	2200	ø6-ø249	ø70-ø233
6DCT-12	315	94	260	286	103	3-M16x2P	5	110	30	44.5	14	1800	ø10-ø305	ø81-ø288
6DCT-15	400	112	330	362	136	3-M16x2P	5	146	40	56	17	1300	ø14-ø406	ø105-ø387

單位/UNIT:mm

可調式普通型六爪鋼殼夾頭

尺寸圖 > Dimensions



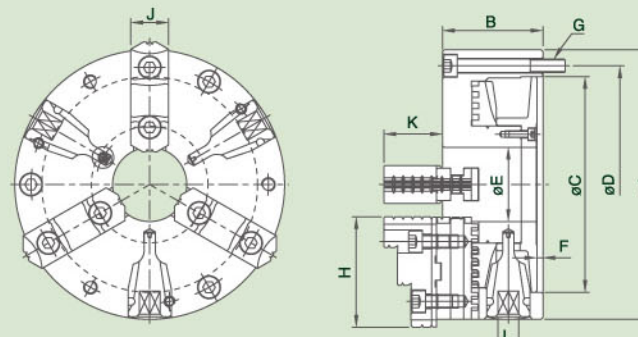
規格表 > Specifications

型式/規格 MODEL /SPEC.	A	B	C	D	E	G	F	H	J	K	L	M	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)	把握範圍 外徑把握 O.D.Clamping	Max. Gripping Diameter 內徑把握 I.D.Clamping
6DACT-08	200	82.5	160	176	55	3-M10x1.5P	12	75	22	28	11	4-M12x1.75P	2900	ø4-ø183	ø51-ø170
6DACT-10	250	91	200	224	76	3-M12x1.75P	13	98	28	38.5	12	4-M12x1.75P	2200	ø6-ø249	ø70-ø233
6DACT-12	315	103	260	286	103	3-M16x2P	14	110	30	44.5	14	4-M12x1.75P	1800	ø10-ø305	ø81-ø288
6DACT-15	400	122	330	362	136	3-M16x2P	15	146	40	56	17	4-M12x1.75P	1300	ø14-ø406	ø105-ø387

單位/UNIT:mm

強力型三爪鋼殼夾頭

尺寸圖 > Dimensions



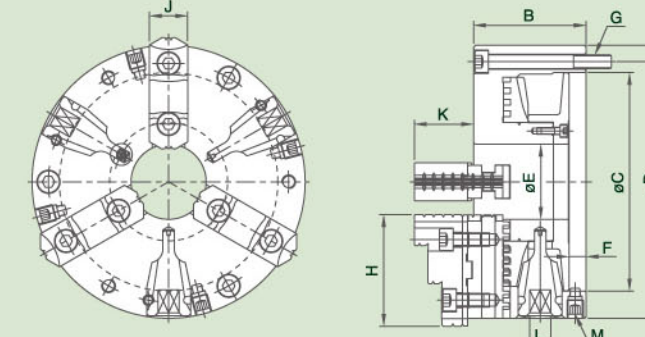
規格表 > Specifications

型式/規格 MODEL /SPEC.	A	B	C	D	E	G	F	H	J	K	L	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)	把握範圍 外徑把握 O.D.Clamping	Max. Gripping Diameter 內徑把握 I.D.Clamping
3DKT-05	125	58.5	95	108	32	3-M8x1.25P	4	57	24	36	8	4800	ø3-ø121	ø44-ø120
3DKT-06	160	65	125	140	42	3-M10x1.5P	4	68	26	38.5	10	4200	ø8-ø169	ø50-ø158
3DKT-08	200	74.5	160	176	55	3-M10x1.5P	4	82	28	43	11	3500	ø8-ø206	ø58-ø191
3DKT-10	250	83	200	224	76	3-M12x1.75P	5	102	35	54.5	12	2600	ø12-ø266	ø77-ø250
3DKT-12	315	94	260	286	103	3-M16x2P	5	117.5	40	56.5	14	2200	ø15-ø340	ø85-ø313
3DKT-15	400	112	330	362	136	3-M16x2P	5	150	50	74.5	17	1600	ø30-ø440	ø123-ø416

單位/UNIT:mm

可調式強力型三爪鋼殼夾頭

尺寸圖 > Dimensions



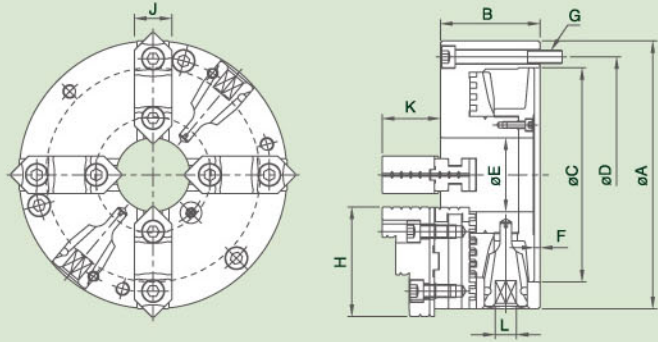
規格表 > Specifications

型式/規格 MODEL /SPEC.	A	B	C	D	E	G	F	H	J	K	L	M	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)	把握範圍 外徑把握 O.D.Clamping	Max. Gripping Diameter 內徑把握 I.D.Clamping
3DAKT-05	125	65	95	108	32	3-M8x1.25P	10.5	57	24	36	8	4-M10x1.5P	4800	ø3-ø121	ø44-ø120
3DAKT-06	160	72.5	125	140	42	3-M10x1.5P	12	68	26	38.5	10	4-M12x1.75P	4200	ø8-ø169	ø50-ø158
3DAKT-08	200	82.5	160	176	55	3-M10x1.5P	12	82	28	43	11	4-M12x1.75P	3500	ø8-ø206	ø58-ø191
3DAKT-10	250	91	200	224	76	3-M12x1.75P	13	102	35	54.5	12	4-M12x1.75P	2600	ø12-ø266	ø77-ø250
3DAKT-12	315	103	260	286	103	3-M16x2P	14	117.5	40	56.5	14	4-M12x1.75P	2200	ø15-ø340	ø85-ø313
3DAKT-15	400	122	330	362	136	3-M16x2P	15	150	50	74.5	17	4-M12x1.75P	1600	ø30-ø440	ø123-ø416

單位/UNIT:mm

強力型四爪鋼殼夾頭

尺寸圖 > Dimensions



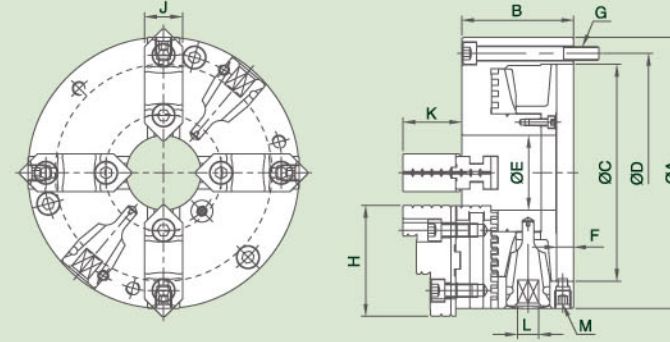
規格表 > Specifications

型式/規格 MODEL /SPEC.	A	B	C	D	E	G	F	H	J	K	L	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)	把握範圍 外徑把握 O.D.Clamping	Max. Gripping Diameter 內徑把握 I.D.Clamping
4DKT-08	200	74.5	160	176	55	3-M10x1.5P	4	82	28	43	11	3500	ø8-ø205	ø59-ø190
4DKT-10	250	83	200	224	76	3-M12x1.75P	5	102	35	54.5	12	2600	ø12-ø265	ø78-ø249
4DKT-12	315	94	260	286	103	3-M16x2P	5	117.5	40	56.5	14	2200	ø15-ø323	ø86-ø296
4DKT-15	400	112	330	362	136	3-M16x2P	5	150	50	74.5	17	1600	ø30-ø419	ø124-ø396

單位/UNIT:mm

可調式強力型四爪鋼殼夾頭

尺寸圖 > Dimensions



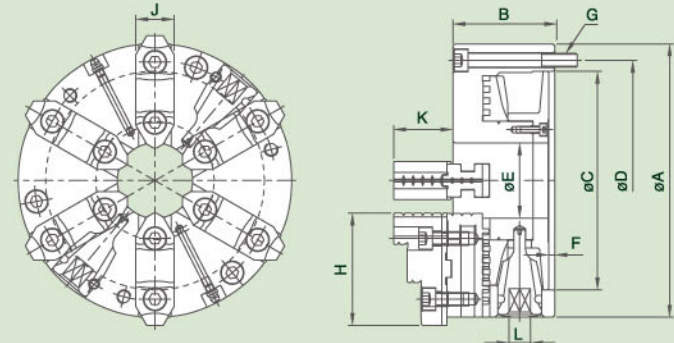
規格表 > Specifications

型式/規格 MODEL /SPEC.	A	B	C	D	E	G	F	H	J	K	L	M	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)	把握範圍 外徑把握 O.D.Clamping	Max. Gripping Diameter 內徑把握 I.D.Clamping
4DAKT-08	200	82.5	160	176	55	3-M10x1.5P	12	82	28	43	11	4-M12x1.75P	3500	ø8-ø205	ø59-ø190
4DAKT-10	250	91	200	224	76	3-M12x1.75P	13	102	35	54.5	12	4-M12x1.75P	2600	ø12-ø265	ø78-ø249
4DAKT-12	315	103	260	286	103	3-M16x2P	14	117.5	40	56.5	14	4-M12x1.75P	2200	ø15-ø323	ø86-ø296
4DAKT-15	400	122	330	362	136	3-M16x2P	15	150	50	74.5	17	4-M12x1.75P	1600	ø30-ø419	ø124-ø396

單位/UNIT:mm

強力型六爪鋼殼夾頭

尺寸圖 > Dimensions



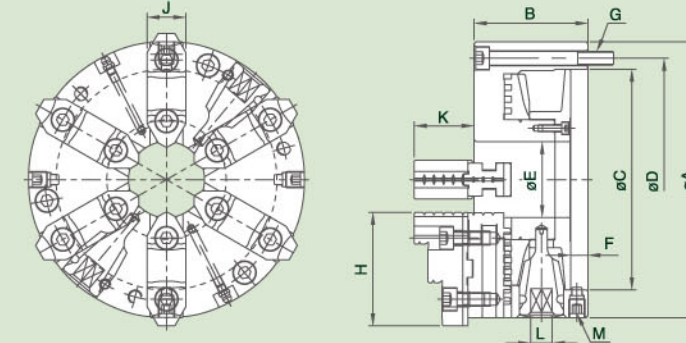
規格表 > Specifications

型式/規格 MODEL /SPEC.	A	B	C	D	E	G	F	H	J	K	L	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)	把握範圍 外徑把握 O.D.Clamping	Max. Gripping Diameter 內徑把握 I.D.Clamping
6DKT-08	200	74.5	160	176	55	3-M10x1.5P	4	82	28	43	11	2900	ø17-ø193	ø67-ø178
6DKT-10	250	83	200	224	76	3-M12x1.75P	5	102	35	54.5	12	2200	ø19-ø248	ø84-ø232
6DKT-12	315	94	260	286	103	3-M16x2P	5	117.5	40	56.5	14	1800	ø23-ø323	ø93-ø296
6DKT-15	400	112	330	362	136	3-M16x2P	5	150	50	74.5	17	1300	ø30-ø419	ø124-ø396

單位/UNIT:mm

可調式強力型六爪鋼殼夾頭

尺寸圖 > Dimensions



規格表 > Specifications

型式/規格 MODEL /SPEC.	A	B	C	D	E	G	F	H	J	K	L	M	最高迴轉速 Max.Speed r.p.m.(min ⁻¹)	把握範圍 外徑把握 O.D.Clamping	Max. Gripping Diameter 內徑把握 I.D.Clamping
6DAKT-08	200	82.5	160	176	55	3-M10x1.5P	12	82	28	43	11	4-M12x1.75P	2900	ø17-ø193	ø67-ø178
6DAKT-10	250	91	200	224	76	3-M12x1.75P	13	102	35	54.5	12	4-M12x1.75P	2200	ø19-ø248	ø84-ø232
6DAKT-12	315	103	260	286	103	3-M16x2P	14	117.5	40	56.5	14	4-M12x1.75P	1800	ø23-ø323	ø93-ø296
6DAKT-15	400	122	330	362	136	3-M16x2P	15	150	50	74.5	17	4-M12x1.75P	1300	ø30-ø419	ø124-ø396

單位/UNIT:mm

輪殼夾頭



您必須知道的輪殼夾頭品牌— 適用於客車、大小型卡車、巴士和機車

LMC Workholding在供應包括客車、小型卡車、大卡車和巴士輪圈製造商的夾持工具市場快速成為領導者。OKUMA 輪圈機床供應全球大部分製造輪圈零件的機械，而LMC 是其合作夥伴，整個團隊包括 Okuma、LMC、Chiron 和Fanuc Robotics。

LMC研發出可以快速替換並且輕盈的新式輪殼夾頭科技，我們的工程師在輪殼夾頭、油壓缸和油壓驅動的領域都有多年經驗，我們也提供和輪殼夾頭搭配使用的油壓缸。信賴LMC，滿足您所有輪胎製造的需求。

LMC Workholding is rapidly becoming the marketleader in workholding for the manufacture of wheels for passenger cars, light trucks, trucks and buses. LMC is a partner in the Okuma Wheel Team which provides the bulk of wheel cell equipment worldwide. Okuma, LMC, Chiron and Fanuc Robotics make up the Wheel Team.

LMC has engineered new wheel chuck technologies to include quick change and lightweight models. Our engineering staff offers years of wheel chuck design and implementation experience. Years of hydraulic actuator and power chuck experience too. LMC also offers matching wheel chuck cylinders. Rely on LMC Workholding for your wheel production needs.

輪殼夾頭



標準和輕型系列

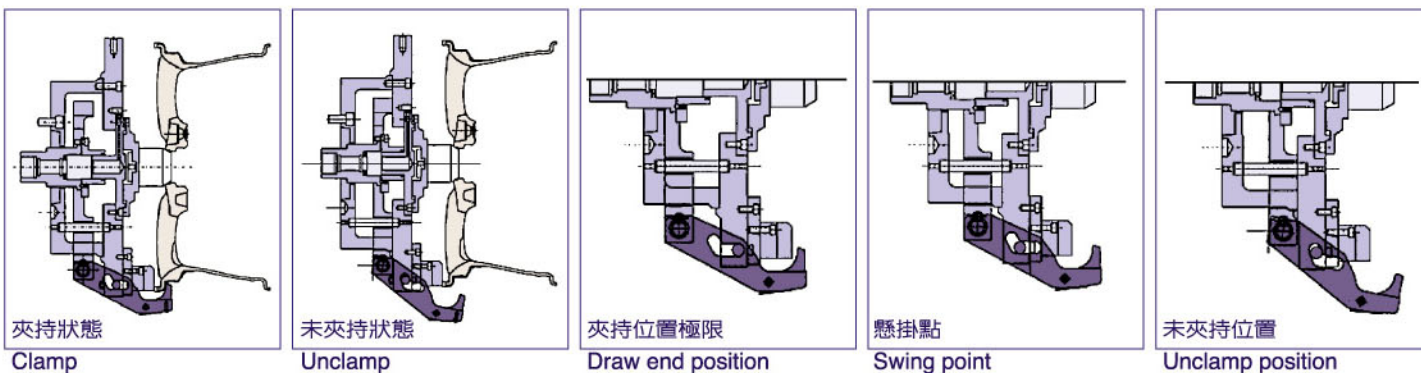
本系列共有四種型號滿足各類輪圈製造需求，WTi 適用於製造汽車和小型卡車的輪圈，外徑範圍149到209mm，卡車和公車輪圈最大範圍可到24.59吋。請聯絡本公司取得最理想的夾持方案！

輕型化的US系列夾頭可延長主軸壽命，同時加速加工週期時間。選配的零件偵測系統由三個空氣活化活塞組成，其作用為感應工件是否安裝正確，作為自動化機器手臂加工應用的基本元件。

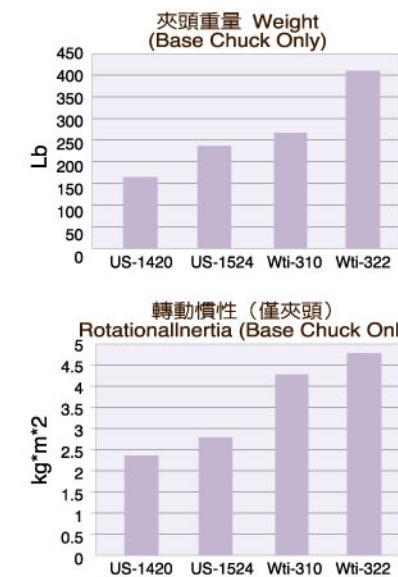
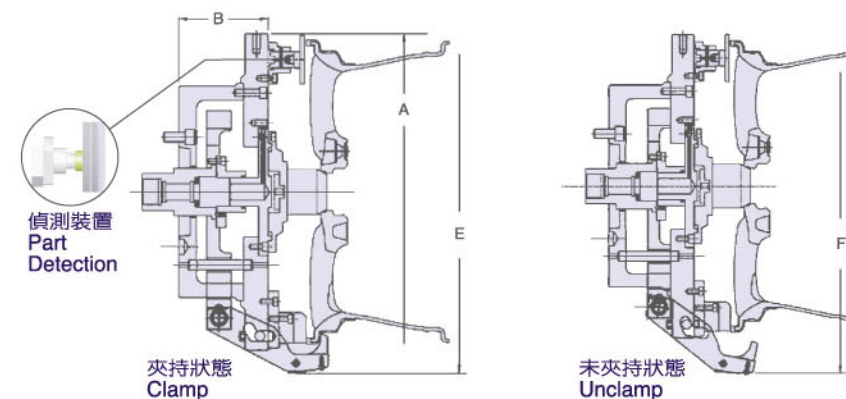
This chuck, available in four models, does it all. The WTi fits automobile and light truck wheels 149 to 209, truck and bus wheels up to 24.59. Contact LMC Workholding for the optimum clamping solution. US Series chucks are lightweight for increased spindle life and faster cycle times.

Optional part detection system, consisting of three air-activated plungers, senses whether or not the workpiece is properly seated, an essential component for any automatic/robot loaded application.

新一代凸輪手臂設計 Next-generation cam arm design



尺寸圖 > Dimensions

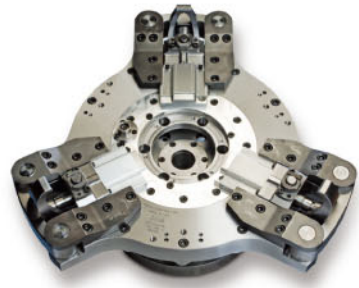


規格表 > Specifications

Large	夾盤直徑 Chuck Diameter						Small
	WTi-310		US-1420		LPS		
25"							
24"							
23"							
22"							
21"							
20"	WTi-310		US-1420		LPS		
19"	客車、小型卡車 (Passenger Car. Light Truck)		客車、小型卡車 (Passenger Car. Light Truck)		客車、小型卡車 (Passenger Car. Light Truck)		
18"	2800rpm		2800rpm		2800rpm		
17"	Min.14" Max.20.5"		Min.14" Max.20.5"		Min.15" Max.20.5"		
16"							
15"							
14"							
13"							
12"							
11"							
10"							

型號 Model Number	輪圈外徑範圍 Capacity Wheel Diameter	最高轉速 RPM's (max)	拉桿拉力 Drawbar Pull (lbs)	拉桿行程 Drawbar Stroke (in/mm)	主軸鼻端 Spindle Mount	夾盤重量 Chuck Weight (lbs)	A尺寸 A Dia. (in/mm)	B尺寸 B Dia. (in/mm)		
WTi-310/US-1420	14 to 20	2800	7700	1.38/35	A2-8	264/160	21.50/546.2	5.90/149.7		
WTi-322/US-1524	15 to 24.5	2200	7700	1.38/35	A2-11	410/240	26.00/660.0	7.85/199.5		
型號 Model Number	SS-3/4EX		S-3/4EX		L-3/4EX		XL-3/4EX		Z-3/4EX*	
	E	F	E	F	E	F	E	F	E	F
WTi-310/US-1420	21.5/547	22.4/570	21.5/547	23.0/584	22.0/559	24.1/611	23.1/587	25.0/634	24.3/618	26.2/665
WTi-322/US-1524	26.0/660	26.5/673	26.0/660	27.5/698	26.6/675	28.5/724	27.6/702	29.5/749	28.6/727	30.5/774

輪殼夾頭



精實生產系列 (申請專利中)

此系列適用於多種少量、製造特殊輪圈的維修市場生產者和 OEM 供應商，其特性為能在幾秒內調整凸輪手臂夾持直徑。每一個凸輪手臂掌控15~20吋之內的六種尺寸，使用步驟為：

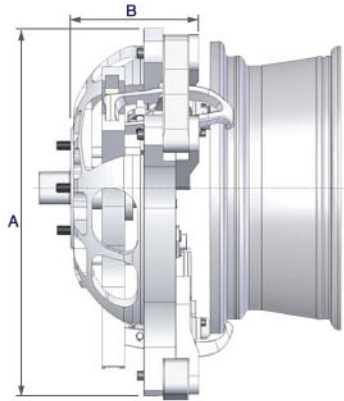
1. 嵌入板手
2. 用曲柄啓動凸輪手臂到所需直徑
3. 移除板手

LPS系列適用於汽車和小型卡車輪圈的多樣化特性。能滿足未加工鑄件和更新設計的變化，亦即首件的加工鑄件也適用本系列產品。

Adjusting a cam arm from one wheel diameter to another in seconds makes this chuck ideal for aftermarket wheel manufacturers and OEM suppliers who handle short-run specialty wheels. Each cam arm handles 6 ranges within 15"to20" wheel size capacity. One: Insert wrench. Two: Crank cam arms to desired diameter. Three: Remove wrench.

The LPS Series for automobiles and light trucks allows for variations in raw castings as well as for new "fashion" wheel designs where material is added to the raw casting for first operation holding.

尺寸圖 > Dimensions



應用範例 > Operation Example

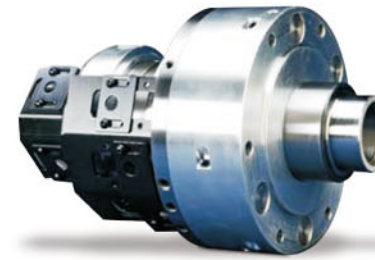


規格表 > Specifications

型號 Model Number	輪圈外徑範圍 Capacity Wheel Diameter	最高轉速 RPM's (max)	拉桿拉力 Drawbar Pull (lbs)	拉桿行程 Drawbar Stroke (in/mm)
LPS-1520	15" to 20"	2800	7700	1.38 / 35

型號 Model Number	主軸鼻端 Spindle Mount	夾盤淨重 Chuck Weight (lbs)	A尺寸 A Dia. (in/mm)	B尺寸 B Dia. (in/mm)
LPS-1520	A2-8	330	29.45 / 748.0	7.32 / 186.0

輪殼夾頭專用油壓缸



夾頭制動器 / 油壓缸

LMC Workholding提供兩種為輪殼夾頭特別設計的夾頭制動器，這兩種油壓缸具有理想的油壓系統壓力裝置，讓夾頭以最快的速度夾持和放鬆，而較輕、較輕的設計有利於車床加速和減速，改善機器性能。

2R 120 為單動油壓缸，適用於配合中實車床心軸或彈簧片，以求輪圈中心 RNW 為雙汽缸油壓缸，適合起動套筒夾頭或小尺寸三爪夾頭，可求輪圈中心。

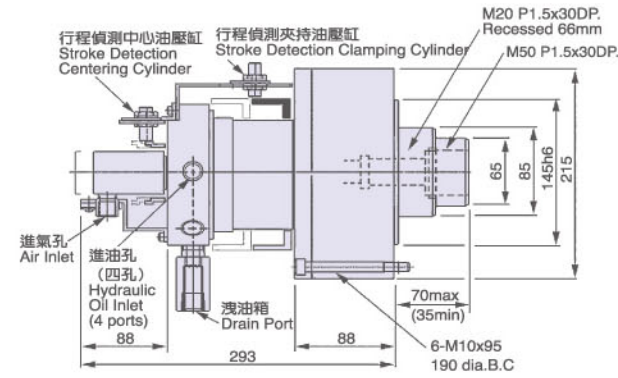
LMC Workholding offers two chuck actuators specifically designed for wheel chuck applications like yours. These hydraulic cylinders offer optimum hydraulic system pressure settings for the fastest clamping/unclamping action available.

And their shorter lengths and lighter weights enhance lathe acceleration and deceleration while improving machine dynamics.

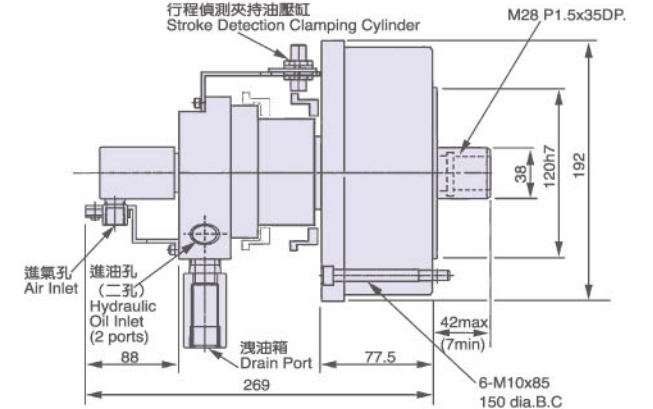
Model 2R 120 is a single-motion cylinder ideal for applications that use solid mandrels or spring rings for wheel centering. RNW is a dual-function cylinder that is ideal for applications that actuate a collet or a small three-jaw chuck for wheel centering.

尺寸圖 > Dimensions

RNW 40



2R 120



規格表 > Specifications

型號 Model Number	長度 Length (mm)	行程時間 Stroke Time (sec)	夾持油壓缸 Clamping Cylinder	
			口徑 x 行程 Bore x Stroke (mm)	活塞面積 Piston Area (in ² / cm ²)
2R-120	269	1.6	120 x 35	15.8 / 102
RNW 40	293	2.3 (0.4)	146 x 35	17.2 / 111

型號 Model Number	中心油壓缸 Centering Cylinder		最大推力 Max. oper. Pressure (b / in ² - kgf / cm ²)	最高轉速 RPM's (Max)	油壓缸淨重 Cylinder Weight (lbs)
	口徑 x 行程 Bore x Stroke (mm)	活塞面積 Piston Area (in ² / cm ²)			
2R-120	n / a	n / a	568 / 40	5000	33
RNW 40	50x12	1.2 / 8	568 / 40	4000	50

