

NTH



液壓卡盤系列
 YDRAULIC CHUCK SERIES

> B SERIES

中空動力夾頭(三爪高速中空型)

3-JAW THOUGH HOLE POWER CHUCK



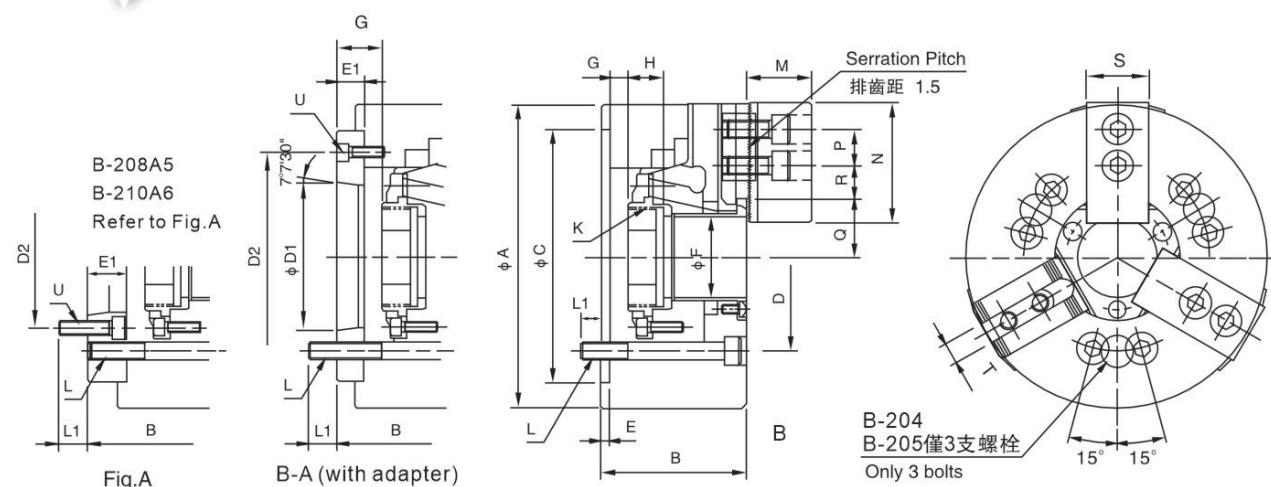
- ◎ 楔形三爪大貫通孔徑。
- ◎ 摺動面均經硬化及精密研磨，并直接潤滑。
- ◎ 高剛性結構及高夾持精度。
- ◎ It's a WEDGE-HOOK type 3-jaw with the large through-hole.
- ◎ Matching surfaces of all parts hardened, ground and lubricated directly
- ◎ Construction of high rigidity and high clamping accuracy.

規格 Spec 型號 Model	楔心行程(mm) Plunger stroke	爪行程(直徑) Jaw stroke (Dia.) (mm)	夾持直徑 chucking Dia.(mm)		容許油壓缸推力 Max. D. B. Pull (kgf)	最大夾持力 Max clamping force (kgf)	最高回轉速 max r.p.m	慣性矩 kg·m ²	重量 (kg) Weight		適合油壓缸 Matched cylinders
			最大Max	最小Min							
B-204	10	5.4	110	7	1400	2900	8000	0.01	4		H-0928
B-205 A4			135	12	1750	3650	7000	0.02	6.7	7.5	H-1036
B-206 A5	12	5.5	169	15	2200	5800	6000	0.06	11.9	13.7	H-1246
B-208 A5 A6	16	7.4	210	13	3450	8550	5000	0.18	22.5	25.4	H-1552
										23.6	
B-210 A6 A8	19	8.8	254	31	4350	11300	4200	0.33	34.5	41.5	H-1875
										40	
B-212 A8	23	10.6	304	34	5600	14650	3300	0.77	61	64	H-2091
B-215 A11			381	50	7240	18350	2500	2.39	120	127	H-2511
B-218 A11	23	10.6	450	50	7240	18355	2000	3.74	164	178	H-2511
B-220 A15	23	10.6	510	120	9177	23861	1800	6.91	223	234	ML2816
B-224 A20	26	12	610	150	9177	23861	1400	15.67	270	286	ML3320
B-232 A20	34	18	800	210	10197	24472	1200	43	546	560	ML3320

> B SERIES

中空動力夾頭(三爪高速中空型)

3-JAW THOUGH HOLE POWER CHUCK



寸法 Size 型號 Model	A	B	C(H6)	D	D1	D2	E	E1	F	Gmax	Gmin	H
B-204	110	59	85	70.6	-	-	4	-	26	3.5	-6.5	17.5
B-205 A4	135	60	71	110	82.6	63.51	96	4	15	33	1	16
B-206 A5	169	81	91	140	104.8	82.56	116	5	15	45	11	26
B-208 A5	210	91	109	170	133.4	82.56	104.8	5	23	52	14.5	37.5
B-208 A6	210	91	103	170	133.4	106.38	150	5	17	52	14.5	31.5
B-210 A6	254	100	120	220	171.5	106.38	133.4	5	25	75	8.5	33.5
B-210 A8	254	100	113	220	171.5	139.72	190	5	18	75	8.5	26.5
B-212 A8	304	110	122	220	171.5	139.72	190	6	18	91	8	26
B-215 A11	381	133	149	300	235	196.87	260	6	22	117.5	11	33
B-218 A11	450	133	149	300	235	196.87	260	6	22	117.5	7	29
B-220 A15	530	134	155	380	330.2	285.78	330.2	6	27	180	11	38
B-224 A20	610	147	166	520	463.6	412.78	463.6	6	25	205	16	41
B-232 A20	800	150	169	520	463.6	412.78	463.6	6	25	230	16	41

寸法 Size 型號 Model	K max.	L	L1	M	N	P	Q max	Q min	R max	R min	S	T	U
B-204	M32 × 1.5	3-M10	16	24	52	14	23	20.3	11.3	6.8	23	10	-
B-205 A4	M40 × 1.5	3-M10	15	15	31	62	14	26.5	19.8	7.8	25	10	3-M6
B-206 A5	M55 × 2	6-M10	16	16	37	73	20	32	29.3	9.3	31	12	3-M6
B-208 A5	M60 × 2	6-M12	20	18	38	95	25	38.7	35	29.8	14.8	35	6-M10
B-208 A6	M60 × 2	6-M12	20	18	38	95	25	38.7	35	29.8	14.8	35	3-M6
B-210 A6	M85 × 2	6-M16	22	18	43	110	30	51	46.6	33.8	14.3	40	6-M12
B-210 A8	M85 × 2	6-M16	22	24	43	110	30	51	46.6	33.8	14.3	40	3-M8
B-212 A8	M100 × 2	6-M16	23	25	51	130	30	61.3	56	45.8	15.8	50	3-M8
B-215 A11	M130 × 2	6-M20	30	28	66	165	43	82	76.7	46.8	13.8	62	3-M10
B-218 A11	M130 × 2	6-M20	35	28	66	165	43	82	76.7	46.8	13.8	62	3-M10
B-220 A15	M190 × 3	6-M24	35	33	73	180	60	112.5	107.2	60.5	24.5	64	3-M12
B-224 A20	M215 × 3	6-M24	35	35	73	180	60	139.9	133.9	87.5	24.5	64	3-M10
B-232 A20	M250 × 3	6-M24	35	35	73	180	60	162	153	153.5	24.5	64	3-M10

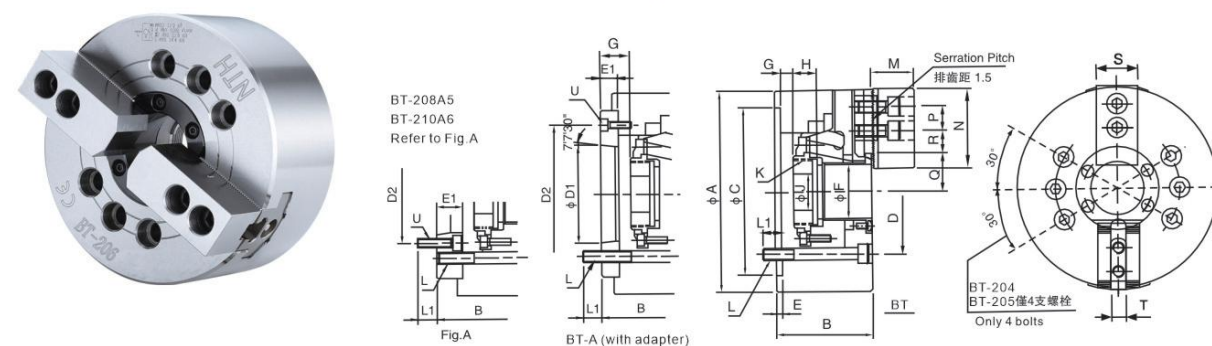
* 保留技術更改的權利，恕不另行通知 Subject to technology changes without prior information
 * 非標準需求可訂做 Non-standard requirements can be made

> BT SERIES

中空動力夾頭(二爪高速中空型)

2-JAW THOUGH HOLE POWER CHUCK

- 楔形二爪大貫通孔徑，特別適合异形物的夾持。
- 摺動面均經硬化及精密研磨，並直接潤滑。
- 高剛性結構及高夾持精度。
- It's a WEDGE-HOOK type 2-jaw with the large through-hole.
- Matching surfaces of all parts hardened, ground and lubricated directly.
- Construction of high rigidity and high clamping accuracy.



規格 Spec 型號 Model	楔心行程 (mm) Plunger stroke	爪行程 (直徑) Jaw stroke (Dia.) (mm)	夾持直徑 chucking Dia. (mm)		容許油壓缸推力 Max. D. B. Pull (kgf)	最大夾持力 Max clamping force (kgf)	最高回轉速 max r.p.m	慣性矩 kg·m ²	重量 (kg) Weight		適合油壓缸 Matched cylinders
			最大Max	最小Min							
BT-204	10	5.4	110	7	940	1930	8000	0.01	3.8		H-0928
BT-205 A4			135	12	1190	2440	7000	0.02	6.5	7.3	H-1036
BT-206 A5	12	5.5	169	15	1470	3870	6000	0.06	11.5	13.3	H-1246
BT-208 A5 A6	16	7.4	210	13	2360	5840	5000	0.17	21.3	24.2	H-1552
A6										22.4	
BT-210 A6 A8	19	8.8	254	31	2900	7540	4200	0.31	33.5	40.5	H-1875
A8										39	
BT-212 A8	23	10.6	304	34	3740	9780	3300	0.70	59.7	62.7	H-2091
BT-215 A11			381	50	4790	12200	2500	2.23	115	122	H-2511
BT-218 A11	23	10.6	450	50	4823	12236	2000	3.31	122	133	H-2511

寸法 Size 型號 Model	A	B	C(H6)	D	D1	D2	E	E1	F	Gmax	Gmin	H	J
BT-204	110	59	85	70.6	-	-	4	-	26	3.5	-6.5	17.5	12
BT-205 A4	135	60	71	110	82.6	63.51	96	15	33	1	16	-9	6
BT-206 A5	169	81	91	140	104.8	82.56	116	23	45	11	26	-1	14
BT-208 A5	210	91	109	170	133.4	106.38	104.8	17	52	14.5	37.5	-1.5	21.5
BT-210 A6	254	100	120	220	171.5	106.38	133.4	25	75	8.5	33.5	-10.5	14.5
BT-212 A8	304	110	122	220	171.5	139.72	190	18	91	8	26	-15	3
BT-215 A11	381	133	149	300	235	196.87	260	22	117.5	11	33	-12	10
BT-218 A11	450	133	149	300	235	196.869	260	22	117.5	7	29	-16	6

寸法 Size 型號 Model	K max	L	L1	M	N	P	Q max	Q min	R max	R min	S	T	U
BT-204	M32 × 1.5	3-M10	16	24	52	14	23	20.3	11.3	6.8	23	10	-
BT-205 A4	M40 × 1.5	3-M10	15	15	31	62	14	26.5	19.8	7.8	25	10	3-M6
BT-206 A5	M55 × 2	6-M10	16	16	37	73	20	32	29.3	9.3	31	12	3-M6
BT-208 A5	M60 × 2	6-M12	20	18	38	95	25	38.7	35	29.8	14.8	35	6-M10
BT-210 A6	M85 × 2	6-M16	22	18	43	110	30	51	46.6	33.8	14.3	40	6-M12
BT-212 A8	M100 × 2	6-M16	23	25	51	130	30	61.3	56	45.8	15.8	50	3-M8
BT-215 A11	M130 × 2	6-M20	30	28	66	165	43	82	76.7	46.8	13.8	62	4-M10
BT-218 A11	M130 × 2	6-M20*135	30	28	66	165	43	82	76.7	46.8	13.8	62	3-M10

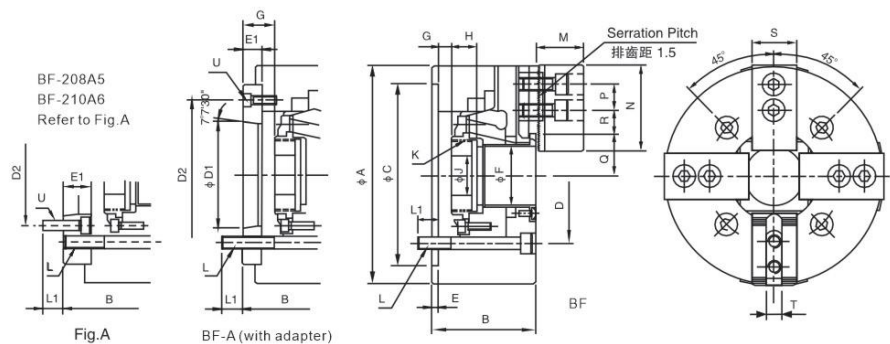
* 保留技術更改的權利，恕不另行通知 Subject to technology changes without prior information
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> BF SERIES

中空動力夾頭(四爪高速中空型)

4-JAW THOUGH HOLE POWER CHUCK

- 楔形四爪大貫通孔徑，特別適合异形物的夾持。
- 摺動面均經硬化及精密研磨，并直接潤滑。
- 高剛性結構及高夾持精度。
- It's a WEDGE-HOOK type 4-jaw with the large through-hole.
- Matching surfaces of all parts hardened, ground and lubricated directly.
- Construction of high rigidity and high clamping accuracy.



規格 Spec 型號 Model	楔心行程(mm) Plunger stroke	爪行程(直徑) Jaw stroke (Dia.) (mm)	夾持直徑 chucking Dia.(mm)		容許油壓缸推力 Max. D.B. Pull (kgf)	最大夾持力 Max clamping force (kgf)	最高回轉速 max r.p.m	慣性矩 kg·m ²	重量 (kg) Weight		適合油壓缸 Matched cylinders
			最大Max	最小Min							
BF-206 A5	12	5.5	169	15	2700	7000	6000	0.06	11.5	13.3	H-1246/HK-1246
BF-208 A5 A6	16	7.4	210	13	4430	10900	5000	0.19	23.5	25.4	H-1552/HK-1552
										41	
BF-210 A6 A8	19	8.8	254	31	5440	14100	4200	0.34	36.3	39.3	H-1875/HK-1875
										41	
BF-212 A8	23	10.6	304	34	7000	18300	3300	0.79	62	65.7	H-2091/HK-2091
BF-215 A11	23	10.6	381	50	9000	22900	2500	2.42	123.7	130.7	H-2511/HK-2511
BF-218 A11	23	10.6	450	50	7240	18355	1500	3.798	140	151	H-2511
BF-224 A20	26	12	610	150	9177	23861	1000	15.2	284	299	ML3320

寸法 Size 型號 Model	A	B	C(H6)	D	D1	D2	E	E1	F	Gmax	Gmin	H	J
BF-206 A5	169	81	91	140	104.8	82.56	116	5	15	45	11	26	19
BF-208 A5 A6	210	91	109	170	133.4	82.56	104.8	5	23	52	14.5	37.5	20.5
						150	106.38					31.5	15.5
BF-210 A6 A8	254	100	120	220	171.5	133.4	190	6	25	75	8.5	33.5	14.5
												26.5	7.5
BF-212 A8	304	110	122					18	91	8	26	-15	3
BF-215 A11	381	133	149	300	235	196.87	260	22	117.5	11	33	-12	10
BF-218 A11	450	133	149	300	235	196.869	260	6	22	117.5	7	29	-16
BF-224 A20	610	147	155	520	463.6	412.775	463.6	6	25	205	16	41	-10

寸法 Size 型號 Model	K max	L	L1	M	N	P	Q max	Q min	R max	R min	S	T	U
BF-206 A5	M55×2	4-M10	16	16	37	73	20	32	29.3	22.8	9.3	31	12
BF-208 A5 A6	M60×2	4-M12	20	17	38	95	25	38.7	35	29.8	14.8	35	14
BF-210 A6 A8	M85×2	4-M16	22	24	43	110	30	51	46.6	33.8	14.3	40	16
BF-212 A8	M100×2		23	25	51	130		61.3	56	45.8	15.8	50	21
BF-215 A11	M130×2	4-M20	30	28	66	165	43	82	76.7	46.8	13.8	62	22
BF-218 A11	M130x2	4-M20*135	30	28	66	165	43	82	76.7	79.75	15.25	62	22
BF-224 A20	M215x3	8-M24*150	35	35	73	180	60	139.9	133.9	87.5	24.5	65	25

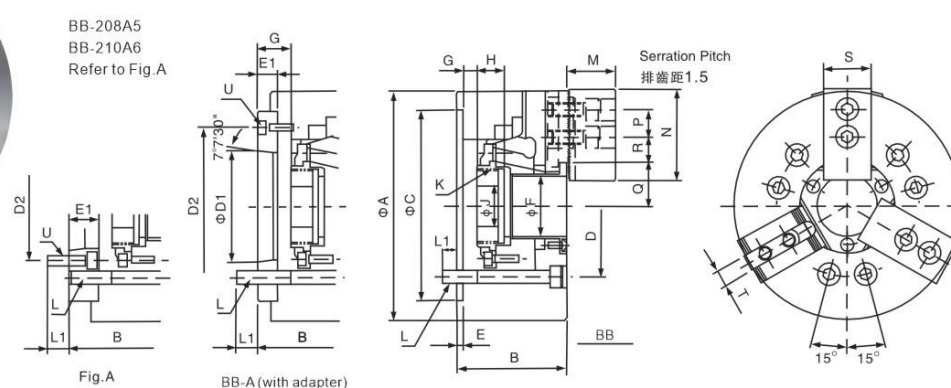
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> BB SERIES

中空動力夾頭(三爪大孔徑中空型)

3-JAW EXTRA THOUGH HOLE POWER CHUCK

- 楔形三爪超大貫通孔徑。
- 摺動面均經硬化及精密研磨并直接潤滑。
- 高剛性結構及高夾持精度。
- It's a WEDGE-HOOK type 3-jaw with the extra large through-hole.
- Matching surfaces of all parts hardened, ground and lubricated directly.
- Construction of high rigidity and high clamping accuracy.



規格 Spec 型號 Model	楔心行程 Plunger stroke (mm)	爪行程(直徑) Jaw stroke (Dia.) (mm)	夾持直徑 chucking Dia.(mm)		容許油壓缸推力 Max.D.B.Pull (kgf)	最大夾持力 Max clamping force (kgf)	最高回轉速 max r.p.m	慣性矩 kg·m ²	重量 (kg) Weight		適合油壓缸 Matched cylinders
			最大Max	最小Min							
BB-206 A5	12	5.5	170	18	2250	5800	5300	0.06	11	12.8	H-1552/HK-1552
BB-208 A5 A6	16	7.4	210	23	4020	8550	4600	0.15	23	25.5	H-1868/HK-1868
										24.1	
BB-210 A6 A8	19	8.8	254	46	5010	11300	4000	0.32	34	41	H-1878/HK-1878
										39.5	
BB-212 A11	23	10.6	315	47	6000	15600	3500	0.73	51	58	H-2051/HK-2051
BB-212 (128) A11	23	10.6	315	47	6000	15600	3500	0.73	51	58	H-2051/HK-2051
BB-215 A15	23	10.6	405	60	7240	18350	2500	2.3	127.4	138.8	HK-2214
BB-218 A15	24.5	11.3	457	75	7240	18355	2000	4.77	161	172	ML2816

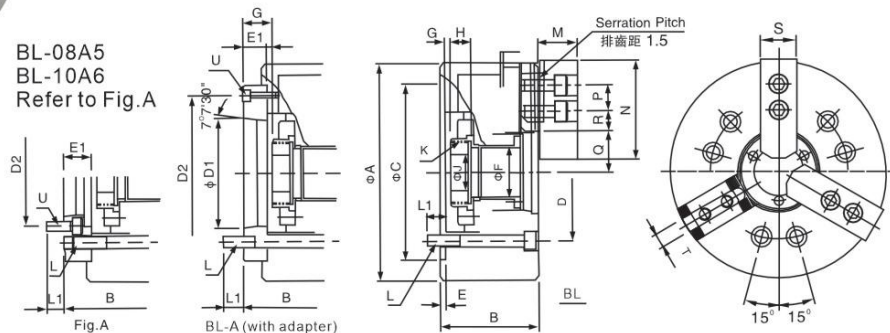
寸法 Size 型號 Model	A	B	C(H6)	D	D1	D2	E	E1	F	Gmax	Gmin	H	J
BB-206 A5	170	81	91	140	104.8			15	52	11	26	-1	14
BB-208 A5 A6	220	91	109	170	133.4	82.56	104.8	5	23	66	14.5	37.5	20.5
						150	106.38					31.5	15.5
BB-210 A6 A8	266	100	120	220	171.5	133.4	190	6	25	86	8.5	33.5	14.5
												26.5	7.5
BB-212 A11	320	110	126	300	235	196.8	260		22	120	8	30	-15
BB-212 (128) A11	320	110	126	300	235	196.8	260		22	128	8	30	-15
BB-215 A15		133	154	380	330.2	285.775	330.2	6	22	141	11	38	22
BB-218 A15	457	133	161	380	330.2	285.775	330.2		27	166.5	34	61	11

寸法 Size 型號 Model	K max	L	L1	M	N	P	Q max	Q min	R max	R min	S	T	U
BB-206 A5	M60×2	6-M10	16	16	37	73	20	35.5	32.8	22.8	9.3	31	12
BB-208 A5 A6	M75×2	6-M12	20	17	38	95	25	45.7	42	23.8	11.3	35	14
BB-210 A6 A8	M95×2	6-M16	22	24	43	110	30	52	47.6	32.3	14.3	40	16
BB-212 A11	M130×2	6-M20	30	28	51	130	30	74.2	63.5	45.75	15.75	50	21
BB-212 (128) A11	M135×2	6-M20	30	28	51	130	30	74.2	63.5	45.75	15.75	50	21
BB-215 A15	M155×2	6-M24	35	38	63	165	43	93.5	85.7	43.75	18.25	62	22
BB-218 A15	M180×3	6-M24	30	33	66	165	43	96.7	85.2	79.2	18.25	62	22

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> BL SERIES

超長爪行程動力夾頭(三爪高速中空型)

3-JAW EXTRA LONG JAW STROKE
THROUGH HOLE POWER CHUCKBL-08A5
BL-10A6
Refer to Fig.A

- ◎ 曲柄型三爪超大貫通孔徑，超長爪行程。
- ◎ 摺動面均經硬化及精密研磨，并直接潤滑。
- ◎ 安裝連結方式與中空夾頭一樣，且可與之相容互換，不必更改拉杆。
- ◎ 高剛性結構及高夾持精度。
- ◎ It's a CRANK type 3-jaw with the large through-hole, and extra long jaw stroke.
- ◎ Matching surfaces of all parts hardened, ground and lubricated directly.
- ◎ Construction of high rigidity and high clamping accuracy.
- ◎ The installation is the same as "Through-hole power chuck" and they are replaceable with each other. No need to change the "Draw tube".

規格 Spec 型號 Model	模心行程 Plunger stroke (mm)	爪行程(直徑) Jaw stroke (Dia.) (mm)	夾持直徑 chucking Dia.(mm)		容許油壓缸推力 Max.D.B.Pull KN(kgf)	最大夾持力 Max clamping force KN(kgf)	最高回轉速 max r.p.m	慣性矩 kg·m ²	重量 (kg) Weight		適合油壓缸 Matched cylinders
			最大Max	最小Min							
BL-05 A4	12	18	135	6	15.6(1590)	17.2(1750)	4200	0.019	7.2	8.0	H-1036
BL-06 A5	15	24	170	18	23.5(2400)	26.0(2650)	3600	0.063	13	14.8	H-1246
BL-08 A5	20	32	215	25	34.3(3500)	35.0(4150)	3000	0.175	23	25.9	H-1552
BL-08 A6										24.1	
BL-10 A6	25	37.5	260	47	47.7(4870)	61.0(5700)	2400	0.347	38	45	H-1875
BL-10 A8										43.5	
BL-12 A8	30	45	315	54	64.7(6600)	68.0(7650)	2100	0.827	62	67.5	H-2091
BL-15 A11	35	52	385	50	84.3(8600)	68.0(6930)	1600	2.58	136	143	H-2511

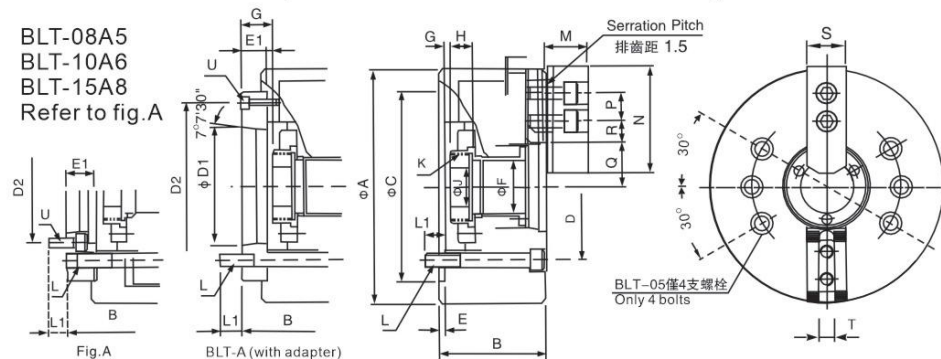
寸法Size 型號Model		A	B		C(H6)	D	D1	D2	E	E1	F	Gmax		Gmin		H	J
BL-05	A4	135	65	76	110	82.6	63.51	96	4	15	32	1	16	-11	4	20	12
BL-06	A5	168	84	97	140	104.8	82.56	116	5	18	42	6.5	24.5	-8.5	9.5	19	20
BL-08	A5	210	96	118	170	133.4		104.8		23	52	7	34	-13	14	20	30
	A6			114			150	17		30	10						
BL-10	A6	254	110	130	220	171.5	106.38	133.4		25	70	8	33	8	25	45	
	A8			123			26	1									
BL-12	A8	304	127	140	220	171.5	139.72	190	18	91	15	33	-15	3	28	50	
BL-15	A11	385	150	166	300	235	196.87	260	6	22	120	12.5	34.5	-22.5	-0.5	39	60

寸法 Size 型號 Model	K max	L	L1		M	N	P	Q max	Q min	R max	R min	S	T	U
BL-05 A4	M40x1.5	3-M10	15	15	31	62	14	23	13.75	31	22	25	10	3-M6
BL-06 A5	M55x2	6-M10	18	15	37	73	20	25.7	13.75	39	27	31	12	3-M6
BL-08 A5 A6	M60x2	6-M12	18	19	38	95	25	28.25	16.25	49.25	33.25	35	14	6-M10
			18	20										3-M6
BL-10 A6 A8	M85x2	6-M16	22	20	43	110	30	35.25	17.25	64.25	45.25	40	16	6-M12
			22	25										6-M8
BL-12 A8	M100x2		20	19	51	130		46.25	19.25	77	54.5	50	21	
BL-15 A11	M130x2	6-M20	33	31	63	165	43	51.25	27.25	94.25	68.25	62	22	3-M10

* 保留技術更改的權利，恕不另行通知 Subject to technology changes without prior information
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> BLT SERIES

超長爪行程動力夾頭

2-JAW EXTRA LONG JAW STROKE THROUGH
HOLEPOWER CHUCKBLT-08A5
BLT-10A6
BLT-15A8
Refer to fig.A

- ◎ 曲柄型二爪超大貫通孔徑，超長爪行程。
- ◎ 摺動面均經硬化及精密研磨，并直接潤滑。
- ◎ 高剛性結構及高夾持精度。
- ◎ 安裝連結方式與中空夾頭一樣，且可與之相容互換，不必更改拉杆。
- ◎ It's a CRANK type 2-jaw with the large through-hole, and extra long jaw stroke.
- ◎ Matching surfaces of all parts hardened, ground and lubricated directly.
- ◎ Construction of high rigidity and high clamping accuracy.
- ◎ The installation is the same as "Through-hole power chuck" and they are replaceable with each other. No need to change the "Draw tube".

規格 Spec 型號 Model	模心行程 Plunger stroke (mm)	爪行程(直徑) Jaw stroke (Dia.) (mm)	夾持直徑 chucking Dia.(mm)		容許油壓缸推力 Max.D.B.Pull KN(kgf)	最大夾持力 Max clamping force KN(kgf)	最高回轉速 max r.p.m	慣性矩 kg·m ²	重量 (kg) Weight		適合油壓缸 Matched cylinders	最大使用壓力 Max. pressure Mpa(kgf/cm ²)
			最大Max	最小Min								
BLT-05 A4	12	18	135	6	10.4 (1060)	11.4(1165)	4200	0.018	6.9	7.7	H-1036	1.6(16)
BLT-06 A5	15	24	168	10	15.7 (1600)	17.2(1760)	3600	0.016	12.6	14.4	H-1246	1.8(18)
BLT-08 A5	20	32	210	10	22.8 (2330)	27(2750)	3000	0.167	22	24.9	H-1552	1.7(17)
BLT-08 A6										23.1		
BLT-10 A6	25	37.5	254	18	31.8 (3240)	37.2(3800)	2400	0.338	37	44	H-1875	1.8(18)
BLT-10 A8										42.5		
BLT-12 A8	30	45	304	30	43.1 (4400)	50(5100)	2100	0.8	60	65.5	H-2091	1.9(19)
BLT-15 A8	35	52	381	50	56.2 (5370)	60.6(6180)	1600	2.52	133	147	H-2511	1.7(17)
BLT-15 A11										140		

寸法Size 型號Model	A	B			C(H6)	D	D1	D2	E	E1	F	Gmax		Gmin		H	J
BLT-05 A4	135	65	76	110	82.6	63.51	96	4	15	32	1	16	-11	4	20	12	
BLT-06 A5	168	84	97	140	104.8	82.56	116	5	18	42	6.5	24.5	-8.5	9.5	19	20	
BLT-08 A5 A6	210	96	118	170	133.4	82.56	104.8	5	23	52	34	14	-13	10	20	30	
			114			106.38	150		17		7	30					
BLT-10 A6 A8	254	110	130	220	171.4	106.38	133.4	5	25	70	33	8	-17	1	25	45	
			123			139.72	190		18		8	26					
BLT-12 A8	304	127	140	220	171.4	139.72	190	5	18	91	15	33	-15	3	28	50	
BLT-15 A8 A11	381	150	177	300	235	196.87	171.4	6	33	120	45.5	10.5	-22.5	34.5	39	60	
			166			260	22		12.5		-0.5						

寸法 型號	Size Model	K max	L	L1		M	N	P	Q max	Q min	R max	R min	S	T	U
BLT-05	A4	M40x1.5	4-M10	15	15	31	62	14	23	13.75	31	22	25	10	3-M6
BLT-06	A5	M55x2	6-M10	15	15	37	73	20	25.75	16.25	39	27	31	12	3-M6
BLT-08	A5	M60x2	6-M12	18	17	38	95	25	28.25	16.25	49.25	33.25	35	14	6-M10
	20				3-M6										
BLT-10	A6	M85x2	6-M16	22	18.5	43	110	30	35.25	17.25	64.25	45.25	40	16	6-M12
	24														
BLT-12	A8	M100x2	6-M16	20	17	51	130	30	46.25	19.25	77	54.5	50	21	3-M8
BLT-15	A8	M130x2	6-M20	33	31	63	165	43	51.25	27.25	94.25	68.25	62	22	6-M16
	30				3-M10										

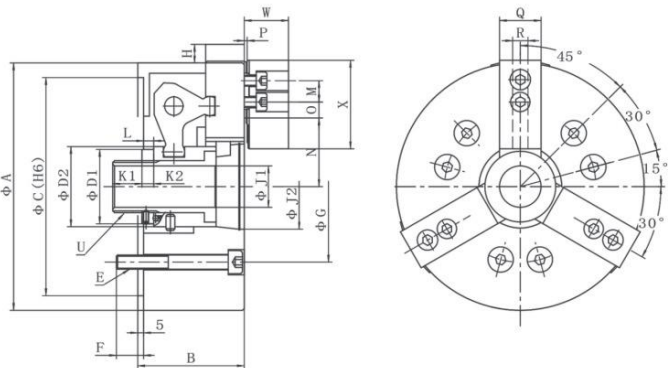
* 保留技術更改的權利，恕不另行通知 Subject to technology changes without prior information
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> KBL SERIES

超大行程三爪卡盤

SUPER LONG STROKE 3 JAW POWER CHUCK

- ◎ 此為曲柄型卡盤
- ◎ 夾持力大，適用強力車削加工
- ◎ It's crank type chuck
- ◎ The clamping force is very strong, it's applicable for heavy machining process



規格 Spec 型號 Model	楔心行程 Plunger stroke (mm)	爪行程(直徑) Jaw stroke (Dia.) (mm)	最大夾持直徑 Max.clamping dia. (mm)	最小夾持直徑 Max.clamping dia. (mm)	最大容許油壓缸推力 Max. D.B. pull KN	最大夾持力 Max clamping force (KN)	最高回轉速 max r.p.m	最高使用壓力 Max Pressure (Mpa)	重量 Weight (kg)	適用油缸 Matching Cylinder
KBL-206	20	32	165	10	22.6	19.6	3600	2.5	11.5	S-100
KBL-208	25	40	210	28	31.4	27.5	3000	2.5	23.6	S-125
KBL-210	28	42	254	42	37.3	34.3	2400	2.8	34.5	S-125
KBL-212	35	50	304	54	49	48	2100	2.8	60.8	S-150

規格 Spec 型號 Model	A	B	C(H7)	D1	D2	E	F	G	H max	J1	J2(H9)	K1
KBL-206	165	80	140	45	54	6-M10	16	104.8	10	21	60	20
KBL-208	215	93	170	65	74	6-M12	20	133.4	11.5	36	80	25
KBL-210	254	111	220	82	96	6-M12	17	171.4	13	55	105	25
KBL-212	304	130	220	92	102	6-M16	22	171.4	15	62	110	30

規格 Spec 型號 Model	K2	L	M	N	O	P	Q	R	T	U	W	X
KBL-206	10	-2--18	20	23.8--39.8	9--30	3	31	12	43	M30*2	37	73
KBL-208	10	-4--21	25	33.8--53.8	10--35	5	35	14	55	M45*2	40	95
KBL-210	12	-2--26	30	46.3--67.3	13.5--37.5	5	40	16	62	M65*2	45	110
KBL-212	14	-3.5--31.5	30	48.3--73.3	14--52	5	50	21	77	M72*2	53	130

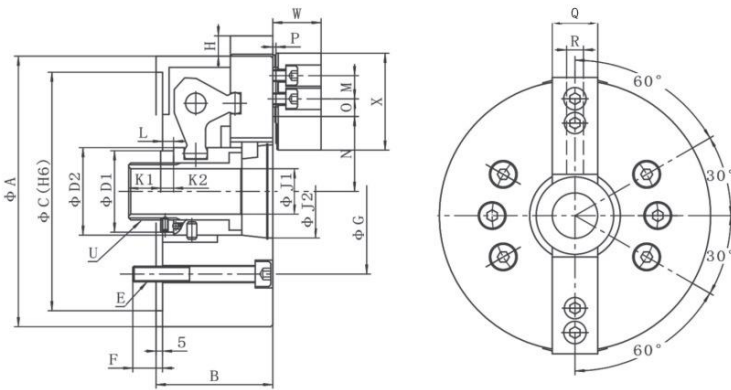
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> KBLT SERIES

超大行程二爪卡盤

SUPER LONG STROKE 2 JAW POWER CHUCK

- ◎ 此為曲柄型卡盤
- ◎ 夾持力大，適用強力車削加工
- ◎ It's crank type chuck
- ◎ The clamping force is very strong, it's applicable for heavy machining process



規格 Spec 型號 Model	楔心行程 Plunger stroke (mm)	爪行程(直徑) Jaw stroke (Dia.) (mm)	最大夾持直徑 Max.clamping dia. (mm)	最小夾持直徑 Max.clamping dia. (mm)	最大容許油壓缸推力 Max. D.B. pull KN	最大夾持力 Max clamping force (KN)	最高回轉速 max r.p.m	最高使用壓力 Max Pressure (Mpa)	重量 Weight (kg)	適用油缸 Matching Cylinder
KBLT-206	20	32	165	10	18.1	12.6	3600	1.9	11.8	S-100
KBLT-208	25	40	210	28	20.1	18.5	3000	1.6	23.3	S-125
KBLT-210	28	42	254	42	29.5	26.3	2400	1.9	34	S-125
KBLT-212	35	50	304	54	36	35	2100	1.8	60.2	S-150

規格 Spec 型號 Model	A	B	C(H7)	D1	D2	E	F	G	H Max	J1	J2(H9)	K1
KBLT-206	165	80	140	45	54	6-M10	16	104.8	10	21	60	20
KBLT-208	215	93	170	65	74	6-M12	20	133.4	11.5	36	80	25
KBLT-210	254	111	220	82	96	6-M12	17	171.4	13	55	105	25
KBLT-212	304	130	220	92	102	6-M16	22	171.4	15	62	110	30

規格 Spec 型號 Model	K2	L	M	N	O	P	Q	R	T	U	W	X
KBLT-206	10	-2--18	20	23.8--39.8	9--30	3	31	12	43	M30*2	37	73
KBLT-208	10	-4--21	25	33.8--53.8	10--35	5	35	14	55	M45*2	40	95
KBLT-210	12	-2--26	30	46.3--67.3	13.5--37.5	5	40	16	62	M65*2	45	110
KBLT-212	14	-3.5--31.5	30	48.3--73.3	14--52	5	50	21	77	M72*2	53	130

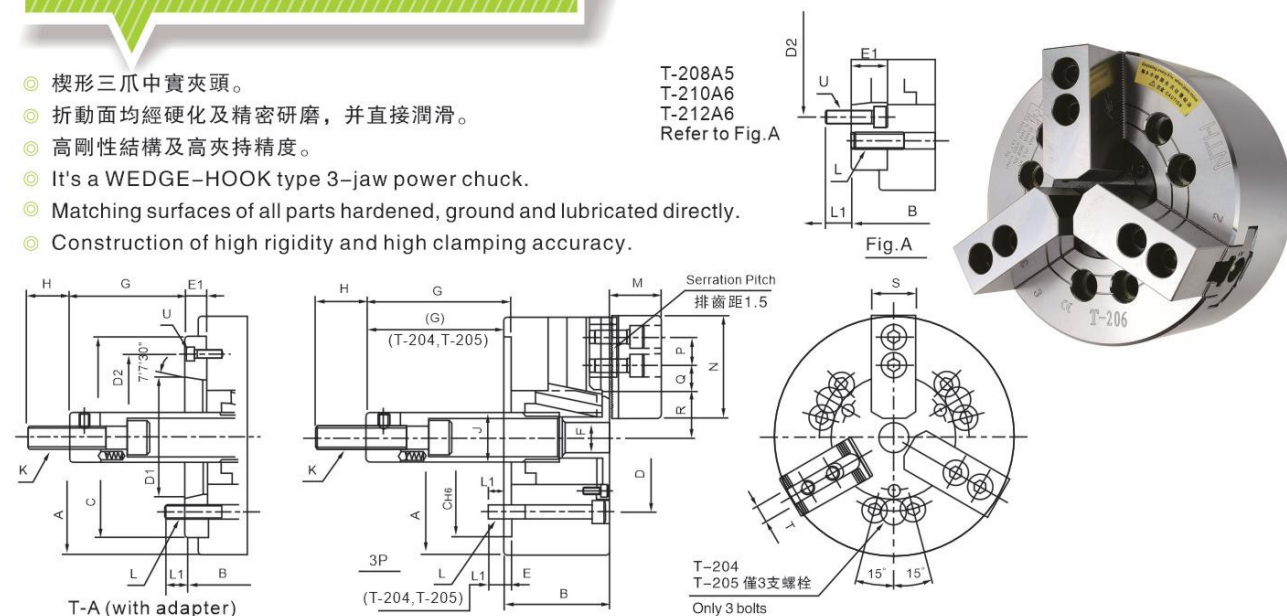
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> T SERIES

中實動力夾頭(三爪高速中實型)

- 楔形三爪中實夾頭。
- 折動面均經硬化及精密研磨，并直接潤滑。
- 高剛性結構及高夾持精度。
- It's a WEDGE-HOOK type 3-jaw power chuck.
- Matching surfaces of all parts hardened, ground and lubricated directly.
- Construction of high rigidity and high clamping accuracy.

3-JAW NON THRU POWER CHUCK



規格 Spec 型號 Model	楔行程(直徑) Plunger stroke (mm)	爪行程(直徑) Jaw stroke (Dia.) (mm)	夾持直徑 chucking Dia.(mm)		容許油壓缸推力 Max.D.B.Pull (kgf)	最大夾持力 Max clamping force (kgf)	最高回轉速 max r.p.m	慣性矩 kg·m ²	重量 (kg) Weight		適合油壓缸 Matched cylinders
			最大Max	最小Min							
T-204	15	6.9	110	5	830	2300	6000	0.01	3.8		S-65
T-205	15	6.9	135	14	830	2550	5500	0.02	6.5	7.3	S-80
T-206 A5	20	9.2	165	14	1830	5350	5250	0.06	11.5	13.3	S-100
T-208 A5	21	9.7	210	17	2550	7600	4750	0.17	21.3	24.2	S-125
T-208 A6	21	9.7	210	17	2550	7600	4750	0.17	21.3	22.4	S-125
T-210 A6	25	8.8	254	22	2950	11000	4000	0.31	33.5	40.5	S-125
T-210 A8	25	8.8	254	22	2950	11000	4000	0.31	33.5	39	S-125
T-212 A8	30	10.5	304	34	4180	15900	3360	0.70	59.7	62.7	S-150
T-215 A11	35	16	381	50	8360	25350	3000	2.23	115	122	S-200

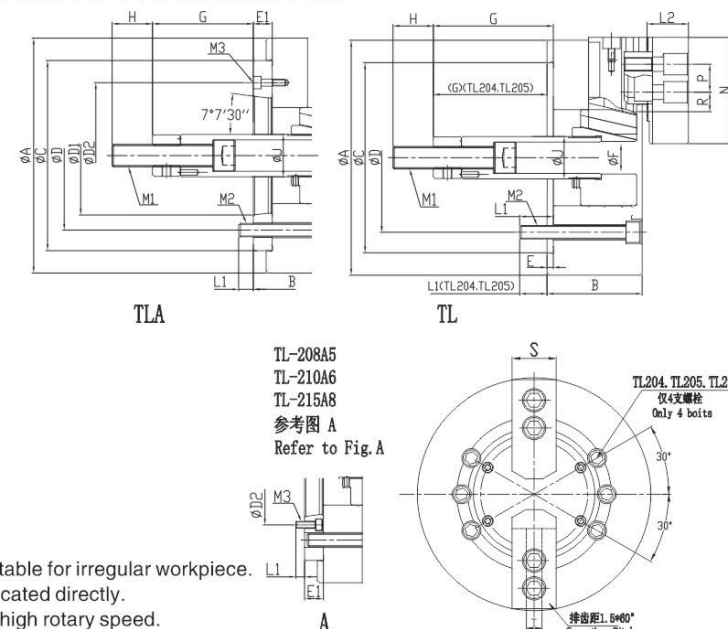
寸法 Size 型號 Model	A	B	C(H6)	D	D1	D2	E	E1	F	G		H	J
										max.	Gmin.		
T-204	110	52	60	80	-	-	6	-	-	18	3	25	26
T-205	135	55	80	100	-	-	7	-	-	9	-6	35	28
T-206 A5	165	74	84	140	104.8	82.56	116	5	15	21	101.5	86.5	81.5
T-208 A5	210	85	103	170	133.4	82.56	104.8	5	23	25	127	104	106
T-208 A6	210	85	97	170	133.4	106.38	150	5	17	25	127	110	106
T-210 A6	254	89	109	220	171.5	106.38	133.4	5	25	34	158	133	133
T-210 A8	254	89	102	220	171.5	139.72	190	5	18	34	158	140	133
T-212 A8	304	106	118	220	171.5	139.72	190	6	18	34	163	145	133
T-215 A11	381	114	130	300	235	196.87	260	6	22	34	104	82	69

寸法 Size 型號 Model	K max	L	L1	M	N	P	Q max	Q min	R max	R min.	S	T	U
T-204	M10×1.5	3-M8	12	-	25	52	14	11.3	8.3	23.3	20.1	25	10
T-205	M12×1.75	3-M8	14	-	31	62	14	13.5	6	30.4	27.2	25	10
T-206 A5	M16×2	6-M10	14	14	39	73	20	18	7.5	37.8	33.5	31	12
T-208 A5	M20×2.5	6-M12	20	18	41	95	25	22.3	11.8	46.3	41.9	35	14
T-208 A6	M20×2.5	6-M12	20	18	41	95	25	22.3	11.8	46.3	41.9	35	14
T-210 A6	M20×2.5	6-M12	18	18	46	110	30	30.8	11.3	51.1	46.7	40	16
T-210 A8	M20×2.5	6-M16	18	25	46	110	30	30.8	11.3	51.1	46.7	40	16
T-212 A8	M20×2.5	6-M16	18	25	54	130	43	48.8	12.3	61	55.8	50	18
T-215 A11	M30×2.5	6-M20	30	33	63	165	43	48.8	23.3	77.5	69.5	62	25.5

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> TL SERIES 2-JAW SOLID POWER CHUCKS

二爪中實油壓夾頭



- 二爪楔形中實動力夾頭，適用於夾持不規則工件。
- 夾頭滑動面經硬化處理及精密研磨，并直接潤滑。
- 高剛性、高精度及高轉速。
- It's wedge-hook type 2 jaw closed center power chuck. Suitable for irregular workpiece.
- Matching surfaces of all parts are hardened, ground and lubricated directly.
- Construction of high rigidity and high clamping accuracy and high rotary speed.

規格 Spec 型號 Model	A	B	C(h6)	D	D1	D2	E	E1	F	G		H	J
										Max	Min		
TL-204	110	52	60	80	-	-	6	-	-	18	3	25	26
TL-205	135	55	80	100	-	-	7	-	-	9	-6	35	28
TL-206 A5	165	74	84	140	104.8	82.56	116	5	15	21	101.5	86.5	81.5
TL-208 A5	210	85	103	170	133.4	82.56	104.8	5	23	25	127	104	106
TL-208 A6	210	85	97	170	133.4	106.38	150	5	17	25	127	110	106
TL-210 A6	254	89	109	220	171.4	106.38	133.4	5	25	34	158	133	133
TL-210 A8	254	89	102	220	171.4	139.72	190	5	18	34	158	140	133
TL-212 A8	304	106	118	220	171.4	139.72	190	6	18	34	163	145	133
TL-215 A8	381	114	141	300	235	139.72	171.4	6	33	-	104	71	69
TL-215 A11	381	114	130	300	235	196.87	260	6	22	-	104	82	69

規格 Spec 型號 Model	L1	L2	M1	M2	M3	N	P	R		S	T
								max	min		
TL-204	12	25	M10×1.5	4-M8	-	52	14	11.3	8.3	25	10
TL-205	14	32	M12×1.75	4-M8	-	62	14	13.5	6	25	10
TL-206 A5	14	14	M16×2	4-M10	4-M6	73	20	18	7.5	31	12
TL-208 A5	20	17	M20×2.5	6-M12	6-M10	95	25	22.3	11.8	35	14
TL-208 A6	20	18	M20×2.5	6-M12	4-M6	95	25	22.3	11.8	35	14
TL-210 A6	18	18	M20×2.5	6-M16	6-M12	110	30	30.8	11.3	40	16
TL-210 A8	18	25	M20×2.5	6-M16	4-M8	110	30	30.8	11.3	40	16
TL-212 A8	22	25	M20×2.5	6-M16	4-M8	130	30	48.8	12.3	50	18
TL-215 A8	30	29	M30×3.5	6-M20	6-M16	165	43	48.8	23.3	62	25.5
TL-215 A11	30	33	M30×3.5	6-M20	4-M10	165	43	48.8	23.3	62	25.5

規格 Spec 型號 Model	楔行程(直徑) Plunger stroke (mm)	卡爪行程(直徑) Jaw stroke (Dia.) (mm)	許用推拉力 Max.pull force KN(kgf)	最大夾緊力 Max. Gripping force KN(kgf)	極限轉速 Max.Speed r/min	夾緊範圍 Gripping range mm	慣量 Moment of inertial kg·m ²	重量 Weight kg	適用油缸 Matching cylinder	最大使用壓力 Max.pressure Mpa(kgf/cm ²)
TL-204	15	6.9	5.3(540)	14.7(1500)	6000	5-110	0.01	4.1	S-65	1.9 (19)
TL-205	15	6.9	5.3(540)	16.7(1700)	5500	14-135	0.02	6.2	S-80	1.9 (19)
TL-206 A5	20	9.2	12(1220)	35(3570)	5250	14-165	0.05	13	S-100	1.7 (17)
TL-208 A5	21	9.7	16.5(1680)	50(5100)	4750	17-210	0.14	24	S-125	1.5 (15)
TL-208 A6	21	9.7	16.5(1680)	50(5100)	4750	17-210	0.14	24	S-125	1.5 (15)
TL-210 A6	25	8.8	19.4(1980)	71.5(7300)	4000	22-254	0.30	35	S-125	1.8 (18)
TL-210 A8	25	8.8	19.4(1980)	71.5(7300)	4000	22-254	0.73	35	S-125	1.8 (18)
TL-212 A8	30	10.5	27.4(2800)	103.9(10600)	3360	22-304	0.73	59	S-150	1.8 (18)
TL-215 A8	35	16	54.9(5600)	164.6(16800)	3000	50-381	1.95	100	S-200	1.9 (19)
TL-215 A11	35	16	54.9(5600)	164.6(16800)	3000	50-381	1.95	100	S-200	1.9 (19)

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> 4T SERIES

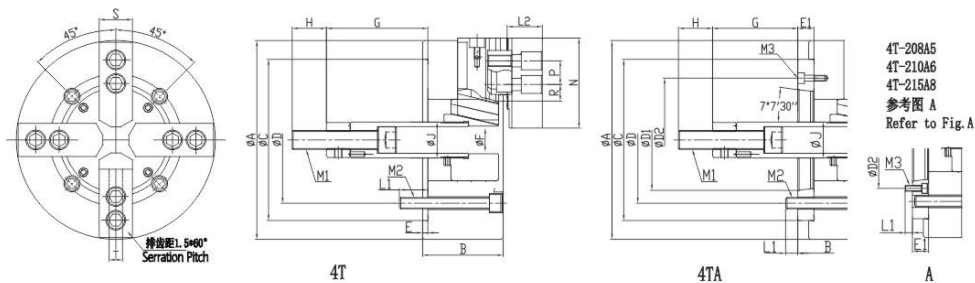
中實動力夾頭(四爪高速中實型)

4-JAW NON THROUGH HOLE POWER CHUCK



It's applicable for clamping irregular shape parts

- ◎ 楔形四爪中實卡盤，特別適合异形物的夾持。
- ◎ 摺動面均經硬化及精密研磨，並直接潤滑。
- ◎ 高剛性結構及高夾持精度。
- ◎ It's a wedge four claws solid chuck.
- ◎ Matching surfaces of all parts hardened, ground and lubricated directly.
- ◎ Construction of high rigidity and high clamping accuracy.



規格 Spec 型號 Model		A	B		C(h6)	D	D1	D2	E	E1	F	G				H	J
												Max		Min			
4T-06	A5	165	74	84	140	104.8	82.56	116	5	15	21	101.5	86.5	81.5	66.5	36	34
4T-08	A5	210	85	103	170	133.4	82.56	104.8	5	23	25	127	104	106	83	36	38
4T-08	A6	210	85	97	170	133.4	106.38	150	5	17	25	127	110	106	89	36	38
4T-10	A6	254	89	109	220	171.4	106.38	133.4	5	25	34	158	133	133	108	36	45
4T-10	A8	254	89	102	220	171.4	139.72	190	5	18	34	158	140	133	115	36	45
4T-12	A8	304	106	118	220	171.4	139.72	190	6	18	34	163	145	133	115	36	50
4T-15	A8	381	114	141	300	235	139.72	171.4	6	33	-	104	71	69	36	55	60
4T-15	A11	381	114	130	300	235	196.87	260	6	22	-	104	82	69	47	55	60

規格 Spec 型號 Model		L1		L2	M1	M2	M3	N	P	R		S	T
										max	min		
4T-06	A5	14	14	39	M16×2	4-M10	4-M6	73	20	18	7.5	31	12
4T-08	A5	20	17	41	M20×2.5	4-M12	4-M10	95	25	22.3	11.8	35	14
4T-08	A6	20	18	41	M20×2.5	4-M12	4-M6	95	25	22.3	11.8	35	14
4T-10	A6	18	18	46	M20×2.5	4-M16	4-M12	110	30	30.8	11.3	40	16
4T-10	A8	18	25	46	M20×2.5	4-M16	4-M8	110	30	30.8	11.3	40	16
4T-12	A8	22	25	54	M20×2.5	4-M16	4-M8	130	30	48.8	12.3	50	18
4T-15	A8	30	29	63	M30×3.5	4-M20	4-M16	165	43	48.8	23.3	62	25.5
4T-15	A11	30	33	63	M30×3.5	4-M20	4-M10	165	43	48.8	23.3	62	25.5

規格 Spec 型號 Model	楔心套行程 Plunger stroke mm	卡爪行程(直徑) Jaw stroke(Dia.) mm	許用推拉力 Max.pull force KN(kgf)	最大夾緊力 Max. Gripping force KN(kgf)	極限轉速 Max.Speed r/min	夾緊範圍 Gripping range mm	慣量 Moment of inertial Kg.m ²	重量 Weight Kg	適用油缸 Matching cylinder	最大使用壓力 Max.pressure Mpa(kgf/cm ²)
4T-06 A5	20	9.2	17.9(1830)	52.4(5350)	5250	14-165	0.05	13 14	S-100	2.5 (25)
4T-08 A5	21	9.7	25(2550)	74.5(7600)	4750	17-210	0.14	24 28	S-125	2.3 (23)
4T-08 A6	21	9.7	25(2550)	74.5(7600)	4750	17-210	0.14	24 27	S-125	2.6 (26)
4T-10 A6	25	8.8	28.9(2950)	107.8(11000)	4000	22-254	0.30	35 42	S-125	2.6 (26)
4T-10 A8	25	8.8	28.9(2950)	107.8(11000)	4000	22-254	0.30	35 40	S-125	2.6 (26)
4T-12 A8	30	10.5	41(4180)	155.8(15900)	3360	22-304	0.73	59 63	S-125	2.6 (26)
4T-15 A8	35	16	82(8360)	248.4(25350)	3000	50-381	1.95	100 114	S-200	3.2 (32)
4T-15 A11	35	16	82(8360)	248.4(25350)	3000	50-381	1.95	100 107	S-200	3.2 (32)

* 保留技術更改的權利，恕不另行通知 Subject to technology changes without prior information
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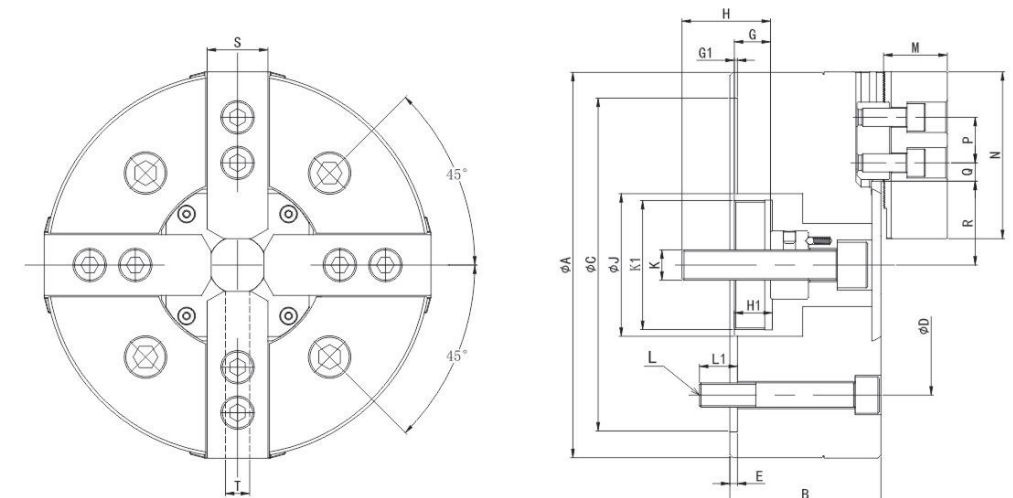
> 4TT SERIES

四爪雙動夾頭

4-JAW TWO-TWO MOTION POWER CHUCK

- ◎ 曲柄型兩兩動作夾頭
- ◎ 適用於方形或异形工件

It's a crank type chuck with independent motion of each two jaws.
it's applicable for clamping square bar or other special shape workpiece.



型號/Model	楔心行程 Plunger stroke (mm)	爪行程(直徑) Jaw stroke (dia.) (mm)	最大夾持直徑 Max.clamping dia. (mm)	最小夾持直徑 Min.clamping dia. (mm)	最大容許油缸推拉力 Max.D.B.pull KN	最大夾持力 Max. clamping force KN	最高回轉數 Max RPM	最高使用壓力 Max Pressure (Mpa)	重量 Weight (kg)	適用油缸 Matching Cylinder
4TT-08	17	13.6	210	24	16.0	54.3	3000	1.7	23.2	SRD-120N
4TT-10	20	16	254	50	21.6	79.4	2100	2.2	44.3	SRD-125N
4TT-12	20	16	304	50	21.6	79.4	1500	2.2	57.6	SRD-125N
4TT-15	25	19.6	381	60	27.2	105.3	1200	2.7	118.3	SRD-125N

型號/Model	A	B	C(H6)	D	E	G Max.	G Min.	G1 Max.	G1 Min.	H	H1	J	K
4TT-08	210	91	170	133.4	5	32	15	2.5	-14.5	29	20	61	M14*2
4TT-10	254	110	220	171.4	5	36.5	16.5	10	-10	36	23	90	M16*2
4TT-12	304	110	220	171.4	5	36.5	16.5	10	-10	36	23	90	M16*2
4TT-15	381	135	300	235	6	44.5	19.5	5	-20	45	28	125	M20*2.5

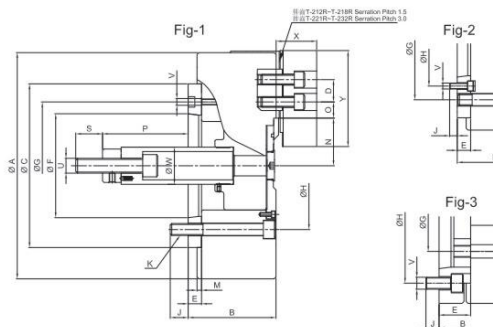
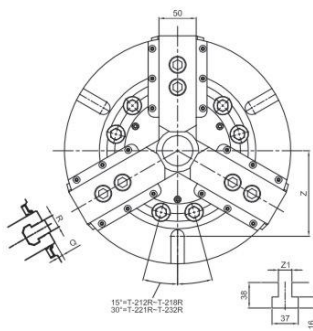
型號/Model	K1	L	L1	M	N	P	Q Max.	Q Min.	R Max.	R Min.	S	T
4TT-08	M34*1.5	4-M12	20	38	95	25	25.25	13.25	46.1	39.3	35	14
4TT-10	M45*1.5	4-M16	25	43	110	30	32.25	12.75	59	51	40	16
4TT-12	M45*1.5	4-M16	25	43	110	30	54.75	15.75	59	51	40	16
4TT-15	M55*2	4-M20	30	51	130	30	66.5	12.5	78.9	69.1	50	21

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> T-R SERIES

三爪中實油壓夾頭

3-JAW SOLID POWER CHUCKS



- ◎ T-R系列立車卡盤適用於立式車床，盤體端面有密封，可防止鐵屑、切削水進入卡盤內部，延長卡盤的使用壽命，還可根據用戶特殊要求進行三、四、六爪的設計。法蘭盤也有密封，防止切削水進入機床主軸內，並可根據要求配各種形式的法蘭。
- ◎ The T-R series vertical lathe chuck is suitable for vertical lathes. The end face of the chuck body is sealed to prevent iron chips and cutting water from entering the chuck interior, extending the service life of the chuck. Three, four, and six claw designs can also be made according to user specific requirements. The flange also has a seal to prevent cutting water from entering the machine tool spindle, and can be adjusted according to requirements. Equipped with various forms of flanges.

規格 Spec 型號 Model	爪數	拉杆行程 (mm)	爪行程直徑 (mm)	最大容許拉力 (Kgf)	最大夾持力 (Kgf)	最大使用壓力 (kgf/cm ²)	最高轉速 (r.p.m.)	重量 (kg)	慣性矩 kg·m ²	適合油壓缸	外徑夾持範圍 (mm)
T-212RA6	3	30	16	5302	14276	35.7	3000	67.7	0.774	S150	Φ32-Φ304
T-212RA8	3	30	16	5302	14276	35.7	3000	65.6	0.764	S150	Φ32-Φ304
T-212RA11	3	30	16	5302	14276	35.7	3000	74.1	0.902	S150	Φ32-Φ304
T-215RA8	3	35	18.7	9585	25798	35.7	2800	120.4	2.146	S200	Φ68-Φ381
T-215RA11	3	35	18.7	9585	25798	35.7	2800	113.4	2.016	S200	Φ68-Φ381
T-215RA15	3	35	18.7	9585	25798	35.7	2800	133	2.572	S200	Φ68-Φ381
T-218RA8	3	35	18.7	9585	25798	35.7	2300	144.5	3.507	S200	Φ78-Φ450
T-218RA11	3	35	18.7	9585	25798	35.7	2300	137.5	3.43	S200	Φ78-Φ450
T-218RA15	3	35	18.7	9585	25798	35.7	2300	157.5	3.945	S200	Φ78-Φ450
T-221RA8	3	35	16	9075	28450	33.7	1940	198	6.46	S200	Φ65-Φ530
T-221RA11	3	35	16	9075	28450	33.7	1940	190	6.35	S200	Φ65-Φ530
T-221RA15	3	35	16	9075	28450	33.7	1940	184	6.28	S200	Φ65-Φ530
T-224RA8	3	35	16	9075	28450	33.7	1760	240	10.54	S200	Φ152-Φ610
T-224RA11	3	35	16	9075	28450	33.7	1760	233	10.44	S200	Φ152-Φ610
T-224RA15	3	35	16	9075	28450	33.7	1760	227	10.36	S200	Φ152-Φ610
T-232RA11(41)	3	35	18.7	9585	25798	35.7	1060	399	31.6	S200	Φ100-Φ810
T-232RA15	3	35	18.7	9585	25798	35.7	1060	383	30.82	S200	Φ100-Φ810
T-232RA20	3	35	18.7	9585	25798	35.7	1060	419	32.69	S200	Φ100-Φ810

規格 Spec 型號 Model	A	B	C (H6)	D	E	F	G	H	J	K	M	N max.	O max.	O min.	P max.	P min.	Q	R	S	T	U	V	W	X	Y	Z	Z1	參考圖	
T-212RA6	304	125	220	30	25	106.375	171.45	133.35	18	6-M16	6	64	45.75	12.75	138	108	5.5	18	36	50	M20x2.5	6-M12	50	54.5	130	-	-	-	Fig2
T-212RA8	304	118	220	30	18	139.719	190	171.45	24	6-M16	6	64	45.75	12.75	145	115	5.5	18	36	50	M20x2.5	3-M8	50	54.5	130	-	-	-	Fig1
T-212RA11	304	150	220	30	50	196.869	171.45	235	28	6-M16	6	64	45.75	12.75	113	83	5.5	18	36	50	M20x2.5	6-M20	50	54.5	130	-	-	-	Fig3
T-215RA8	381	141	300	43	33	139.719	235	171.45	24	6-M20	6	78	49.75	24.25	71	36	5.5	25.5	55	62	M30x3.5	6-M16	60	66.5	165	-	-	-	Fig2
T-215RA11	381	130	300	43	22	196.869	260	235	32	6-M20	6	78	49.75	24.25	82	47	5.5	25.5	55	62	M30x3.5	3-M10	60	66.5	165	-	-	-	Fig1
T-215RA15	381	165	300	43	57	285.775	235	330.2	29	6-M20	6	78	49.75	24.25	47	12	5.5	25.5	55	62	M30x3.5	6-M24	60	66.5	165	-	-	-	Fig3
T-218RA8	450	141	300	43	33	139.719	235	171.45	24	6-M20	6	92	70.75	24.25	59	24	5.5	25.5	55	62	M30x3.5	6-M16	60	66.5	165	158	22	-	Fig2
T-218RA11	450	130	300	43	22	196.869	260	235	32	6-M20	6	92	70.75	24.25	70	35	5.5	25.5	55	62	M30x3.5	3-M10	60	66.5	165	158	22	-	Fig1
T-218RA15	450	165	300	43	57	285.775	235	330.2	29	6-M20	6	92	70.75	24.25	35	0	5.5	25.5	55	62	M30x3.5	6-M24	60	66.5	165	158	22	-	Fig3
T-221RA8	530	154	380	60	33	139.719	330.2	171.45	24	6-M24	6	87	93.5	27.5	64	29	9	25	55	64	M30x3.5	9-M16	60	77	180	155	22	-	Fig2
T-221RA11	530	148	380	60	27	196.869	330.2	235	30	6-M24	6	87	93.5	27.5	70	35	9	25	55	64	M30x3.5	6-M20	60	77	180	155	22	-	Fig2
T-221RA15	530	148	380	60	27	285.775	330.2	330.2	33	6-M24	6	87	93.5	27.5	70	35	9	25	55	64	M30x3.5	3-M12	60	77	180	155	22	-	Fig1
T-224RA8	610	154	380	60	33	139.719	330.2	171.45	24	6-M24	6	126.5	93.5	27.5	64	29	9	25	55	64	M30x3.5	9-M16	60	77	180	165.1	22	-	Fig2
T-224RA11	610	148	380	60	27	196.869	330.2	235	30	6-M24	6	126.5	93.5	27.5	70	35	9	25	55	64	M30x3.5	6-M20	60	77	180	165.1	22	-	Fig2
T-224RA15	610	148	380	60	27	285.775	330.2	330.2	33	6-M24	6	126.5	93.5	27.5	70	35	9	25	55	64	M30x3.5	3-M12	60	77	180	165.1	22	-	Fig1
T-232RA11(41)	810	170	380	80	41	196.869	330.2	235	30	6-M24	6	104.8	196.5	25.5	47	12	5	25	56	74	M30x3.5	6-M20	60	93	210	165.1	22	-	Fig2
T-232RA15	810	156	380	80	27	285.775	330.2	330.2	33	6-M24	6	104.8	196.5	25.5	47	12	5	25	55	74	M30x3.5	3-M12	60	93	210	165.1	22	-	Fig1
T-232RA20	810	187	520	80	28	412.775	330.2	463.6	35	6-M24	6	104.8	196.5	25.5	16	-19	5	25	55	74	M30x3.5	6-M24	60	93	210	165.1	22	-	Fig3

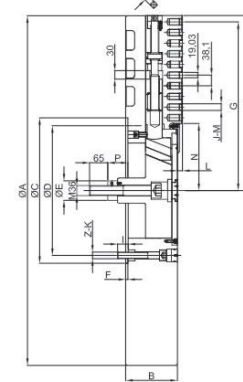
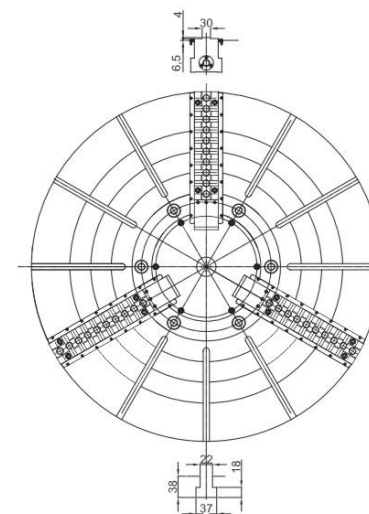
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> T-R SERIES

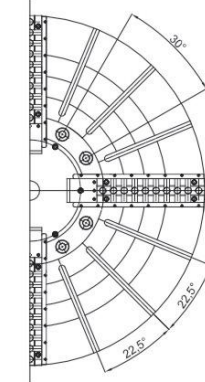
T-R大型中實可調油壓夾頭

LARGE WEDGE TYPE NON THROUGH-HOLE POWER CHUCK (ADAPTER EXCLUDED)

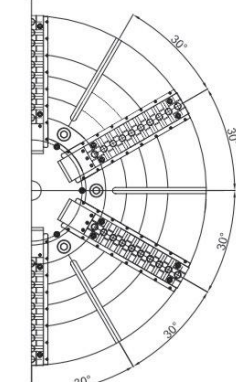
- ◎ 適用於超大型工件，徑或外徑之夾持。
- ◎ 夾頭正面滑道處加裝防護裝置，適合立車上使用。
- ◎ 具有單動調整底爪行程功能，可夾持大型不規則工件。
- ◎ Chucking operations of very large components external or internal clamping.
- ◎ Suitable for vertical lathe, due to the front protection of internal clamping.
- ◎ Master jaw with manual radial setting function.



TF



TS



型號/規格	爪數	楔心套行程 (mm)	卡爪半徑行程+ (單動調整) (mm)	最大推拉力 (kgf)	最大夾緊力 (kgf)	最高轉速 r.p.m	卡爪形式	配用油缸
T-240R	3	57	15.2+30	18300	32600	500	十字鍵	S-250R
TF-240R	4	57	15.2+30	18300	32600	400	十字鍵	S-250R
TS-240R	6	57	15.2+30	18300	32600	350	十字鍵	S-250R
T-250R	3	57	15.2+30	18300	32600	400	十字鍵	S-250R
TF-250R	4	57	15.2+30	18300	32600	350	十字鍵	S-250R
TS-250R	6	57	15.2+30	18300	32600	300	十字鍵	S-250R
T-255R	3	57	15.2+30	18300	32600	250	十字鍵	S-250R
T-263R	3	60	16+30	20400	32700	200	十字鍵	S-250R
TF-263R	4	60	16+30	20400	32700	160	十字鍵	S-250R
TS-263R	6	60	16+30	20400	32700	120	十字鍵	S-250R
T-279R	3	60	16+30	20400	32700	100	十字鍵	S-250R
T-298R	3	60	16+30	20400	32700	50	十字鍵	S-250R

型號/規格	A	B	C	D	E	F	G MAX	H MAX	I	Z-K	L	N		P	J-M
												MAX	MIN		
T-240R	1000	217	520	463.6	70	8	479	500	42	6-M24	20	230	184.8	41	7-M24
TF-240R	1000	217	520	463.6	70	8	479	500	42	8-M24	20	230	184.8	41	7-M24
TS-240R	1000	217	520	463.6	70	8	479	500	42	6-M24	20	230	184.8	41	7-M24
T-250R	1250	217	520	463.6	70	8	599	625	35	6-M24	20	230	184.8	41	10-M24
TF-250R	1250	217	520	463.6	70	8	599	625	35	8-M24	20	230	184.8	41	10-M24
TS-250R	1250	217	520	463.6	70	8	599	625	35	6-M24	20	230	184.8	41	106-M24
T-255R	1400	220	720	647.6	70	8	674	700	43	6-M30	20	208.5	163.3	41	12-M24
T-263R	1600	220	720	647.6	70	8	772	800	44	6-M30	20	249	203	33	14-M24
TF-263R	1600	220	720	647.6	70	8	772	800	44	8-M30	20	249	203	33	14-M24
TS-263R	1600	220	720	647.6	70	8	772	800	44	6-M30	20	249	203	33	14-M24
T-279R	2000	238	720	647.6	70	8	965	1000	48	6-M30	20	249	203	40	19-M24
T-298R	2500	260	1020	956	70	8	1191	1250	50	12-M30	20	249	203	40	26-M24

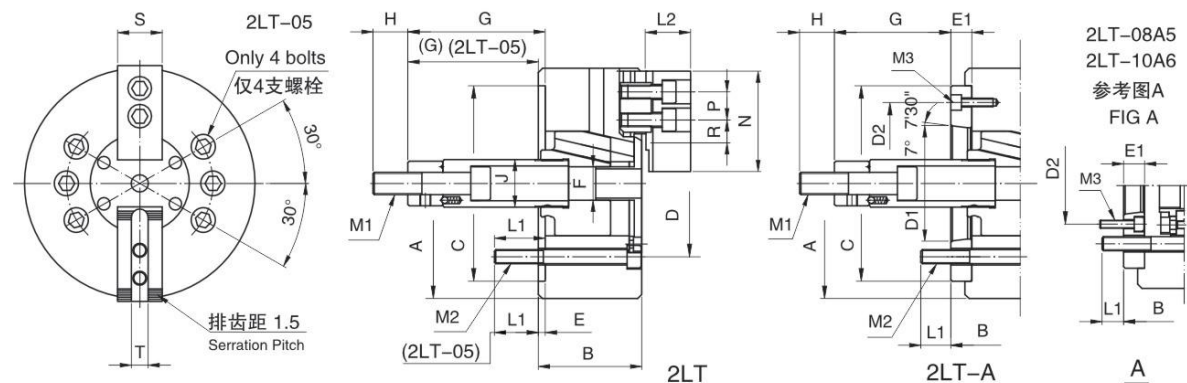
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> 2LT SERIES

二爪長行程中實油壓卡盤

2 JAW LONG STROKE CLOSED CENTER POWER CHUCK

- ◎ 二爪超大行程動力夾頭
- ◎ 夾頭滑動面經硬化處理及精密研磨，并直接潤滑。
- ◎ 高剛性、高精度及高轉速。
- ◎ 2 jaw very long stroke closed center power chuck
- ◎ Matching surfaces of all parts are hardened, ground and lubricated directly
- ◎ Construction of high rigidity and high clamping accuracy and high rotary speed.



規格 Spec 型號 Model	楔行程 Plunger stroke (mm)	爪行程直徑 Jaw stroke (Dia) (mm)	直徑夾持範圍 Clamping Range Dia. (mm)	容許油壓缸推力 Max. D.B. pull KN (Kgf)	最大夾持力 Max. clamping force KN (Kgf)	最高轉速 Max RPM	慣性矩 I Kg · m ²	重量 Weight (Kg)	適合油缸 Matching Cylinder	最大使用壓力 Max. pressure Mpa (Kgf/cm ²)
2LT-05	15	10.9	14-135	6.5(660)	11(1120)	4500	0.02	6.5	S-80	1.6(16)
2LT-06A5	20	14.5	14-165	14.3(1460)	24(2450)	4000	0.05	14	S-100	2.0(20)
2LT-08A5	23	16.7	17-210	19.6(2000)	36.6(3730)	3500	0.14	28	S-125	1.9(19)
2LT-08A6	23	16.7	17-210	19.6(2000)	36.6(3730)	3500	0.14	27	S-125	1.9(19)
2LT-10A6	27	19.6	22-254	26.1(2660)	49.3(5030)	3000	0.30	42	S-150	1.9(19)
2LT-10A8	27	19.6	22-254	26.1(2660)	49.3(5030)	3000	0.30	40	S-150	1.9(19)
2LT-12A8	30	21.8	26-304	36(3670)	66(6730)	2500	0.73	63	S-150	2.4(24)

規格 Spec 型號 Model	A	B	B(Ap)	C(H6)	D	D1	D2	E	E1	F	G max	G max(Ap)	G min	G min(Ap)	H
2LT-05	135	55	55	80	100	-	-	7	-	-	9	9	-6	-6	35
2LT-06A5	165	74	84	140	104.8	82.56	116	5	15	21	101.5	86.5	81.5	66.5	36
2LT-08A5	210	85	103	170	133.4	82.56	104.8	5	23	25	127	104	-104	81	36
2LT-08A6	210	85	97	170	133.4	106.38	150	5	17	25	127	110	-104	87	36
2LT-10A6	254	89	109	220	171.4	106.38	133.4	5	25	34	160	133	133	106	36
2LT-10A8	254	89	102	220	171.4	139.72	190	5	18	34	160	142	133	115	36
2LT-12A8	304	106	118	220	171.4	139.72	190	6	18	34	163	145	133	115	36

規格 Spec 型號 Model	J	L1	L1(Ap)	L2	M1	M2	M3	N	P	R max	R min	S	T
2LT-05	28	14	14	32	M12X1.75	3-M8	-	62	14	13.5	6	25	10
2LT-06A5	34	14	14	39	M16X2	4-M10	4-M6	73	20	18	7.5	31	12
2LT-08A5	38	20	17	41	M20X2.5	6-M12	6-M10	95	25	22.3	11.8	35	14
2LT-08A6	38	20	18	41	M20X2.5	6-M12	4-M6	95	25	22.3	11.8	35	14
2LT-10A6	45	18	18	46	M20X2.5	6-M16	6-M12	110	30	30.8	11.3	40	16
2LT-10A8	45	18	25	46	M20X2.5	6-M16	4-M8	110	30	30.8	11.3	40	16
2LT-12A8	50	22	25	54	M20X2.5	6-M16	4-M8	130	30	48.8	12.3	50	18

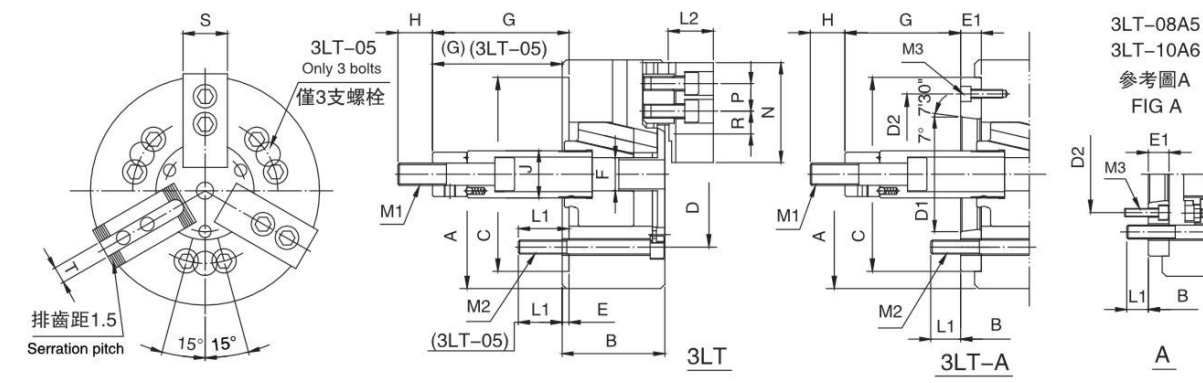
* 保留技術更改的權利，恕不另行通知 Subject to technology changes without prior information
* 非標需求可訂做 Non-standard requirements can be made

> 3LT SERIES

三爪長行程中實油壓卡盤

3 JAW LONG STROKE CLOSED CENTER POWER CHUCK

- ◎ 三爪超大行程中實動力夾頭
- ◎ 夾頭滑動面經硬化處理及精密研磨，并直接潤滑。
- ◎ 高剛性、高精度及高轉速。
- ◎ 3 jaw very long stroke closed center power chuck
- ◎ Matching surfaces of all parts are hardened, ground and lubricated directly
- ◎ Construction of high rigidity and high clamping accuracy and high rotary speed.



規格 Spec 型號 Model	楔行程 Plunger stroke (mm)	爪行程直徑 Jaw stroke (Dia) (mm)	直徑夾持範圍 Clamping Range Dia. (mm)	容許油壓缸推力 Max. D.B. pull KN (Kgf)	最大夾持力 Max. clamping force KN (Kgf)	最高轉速 Max RPM	慣性矩 I Kg · m ²	重量 Weight (Kg)	適合油缸 Matching Cylinder	最大使用壓力 Max. pressure Mpa (Kgf/cm ²)
3LT-05	15	10.9	14-135	9.8(1000)	16.4(2550)	4500	0.02	6.5	S-80	2.3(23)
3LT-06A5	20	14.5	14-165	21.6(2200)	36(3680)	4000	0.05	14	S-100	3.0(30)
3LT-08A5	23	16.7	17-210	29.4(3000)	54.9(5600)	3500	0.14	28	S-125	2.9(29)
3LT-08A6	23	16.7	17-210	29.4(3000)	54.9(5600)	3500	0.14	27	S-125	2.9(29)
3LT-10A6	27	19.6	22-254	39.2(4000)	74(7550)	3000	0.30	42	S-150	2.8(28)
3LT-10A8	27	19.6	22-254	39.2(4000)	74(7550)	3000	0.30	40	S-150	2.8(28)
3LT-12A8	30	21.8	26-304	54(5500)	99(10100)	2500	0.73	63	S-150	3.6(36)

規格 Spec 型號 Model	A	B	B(Ap)	C(H6)	D	D1	D2	E	E1	F	G max	G max(Ap)	G min	G min(Ap)	H
3LT-05	135	55	55	80	100	-	-	7	-	-	9	9	-6	-6	35
3LT-06A5	165	74	84	140	104.8	82.56	116	5	15	22	101.5	86.5	81.5	66.5	36
3LT-08A5	210	85	103	170	133.4	82.56	104.8	5	23	24	127	104	-104	81	36
3LT-08A6	210	85	97	170	133.4	106.38	150	5	17	24	127	110	-104	81	36
3LT-10A6	254	89	109	220	171.4	106.38	133.4	5	25	32	160	133	133	106	36
3LT-10A8	254	89	102	220	171.4	139.72	190	5	18	32	160	142	133	115	36
3LT-12A8	304	106	118	220	171.4	139.72	190	6	18	32	163	145	133	115	36

規格 Spec 型號 Model	J	L1	L1(Ap)	L2	M1	M2	M3	N	P	R max	R min	S	T
3LT-05	28	14	14	32	M12X1.75	3-M8	-	62	14	13.5	6	25	10
3LT-06A5	34	14	14	39	M16X2	6-M10	3-M6	73	20	18	7.5	31	12
3LT-08A5	34	20	17	41	M20X2.5	6-M12	6-M10	95	25	22.3	11.8	35	14
3LT-08A6	38	20	18	41	M20X2.5	6-M12	3-M6	95	25	22.3	11.8	35	14
3LT-10A6	38	18	18	46	M20X2.5	6-M16	6-M12	110	30	30.8	11.3	40	16
3LT-10A8	45	18	25	46	M20X2.5	6-M16	3-M8	110	30	30.8	11.3	40	16
3LT-12A8	45	22	25	54	M20X2.5	6-M16	3-M8	130	30	48.8	12.3	50	18

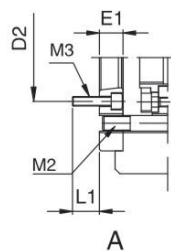
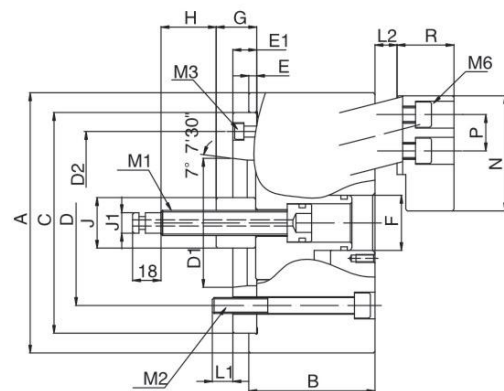
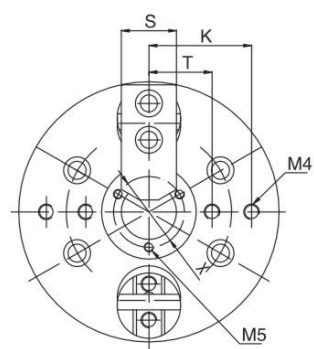
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> DPT SERIES

二爪後拉式油壓卡盤

2 JAW PULL BACK POWER CHUCK

- ◎ DPT後拉式油壓夾頭，在徑向夾持工件的同時向後斜拉。
- ◎ 工件緊貼定位端面，不會上浮，適合對鑄件及鍛件的重切削加工。
- ◎ 夾頭採用圓柱滑動結構，重複夾持精度與定長精度好。
- ◎ 可搭配氣密檢測裝置。
- ◎ DPT 2 jaw pull back power chuck, it pulls back while radial clamping the workpiece.
- ◎ When the workpiece is clamped onto the basic position end, it can't move up, it's suitable for processing casting and forgings parts.
- ◎ The cylindrical sliding structure is adopted, the repeating clamping accuracy and length fixing accuracy is excellent.
- ◎ It can go with air detection device to check if the clamping is OK or not.

DPT-08A5
DPT-10A6
參考圖A FIG A

規格 Spec 型號 Model	楔行程 Plunger stroke (mm)	爪行程直徑 Jaw stroke (Dia) (mm)	直徑夾持範圍 Clamping Range Dia. (mm)	容許油壓缸推力 Max. D.B. pull KN (Kgf)	最大夾持力 Max. clamping force KN (Kgf)	最高轉速 Max RPM	慣性矩 I Kg · m ²	重量 Weight (Kg)	適合油缸 Matching Cylinder	最大使用壓力 Max. pressure Mpa (Kgf/cm ²)
DPT-06A5	15	7.8	22-165	6(610)	16.7(1700)	3500	0.05	14	SLA-100	1.7(17)
DPT-08A5	20	10.3	28-210	10.7(1090)	30.0(3060)	3000	0.14	26	SLA-125	1.5(15)
DPT-08A6	20	10.3	28-210	10.7(1090)	30.0(3060)	3000	0.14	24	SLA-125	1.5(15)
DPT-10A6	20	10.3	35-254	14(1430)	40.0(4080)	2500	0.36	50	SLA-125	1.3(13)
DPT-10A8	20	10.3	35-254	14(1430)	40.0(4080)	2500	0.36	49	SLA-125	1.3(13)

規格 Spec 型號 Model	A	B	C(H6)	D	D1	D2	E	E1	F	G max	G min	H	J	J1	K	L1
DPT-06A5	165	88	140	104.8	82.56	116	5	15	35	30	15	35	32	13	55	13
DPT-08A5	210	100	170	133.4	82.56	104.8	5	23	45	27	7	38	37	16	75	17
DPT-08A6	210	100	170	133.4	106.38	150	5	17	45	27	7	38	37	16	75	17
DPT-10A6	254	110	220	171.4	106.38	133.4	5	25	55	31	11	41	48	20	85	19
DPT-10A8	254	110	220	171.4	139.72	190	5	18	55	31	11	41	48	20	85	19

規格 Spec 型號 Model	L2 min	M1	M2	M3	M4	M5	M6	N	P	R	S	T	X
DPT-06A5	8	M16	6-M10	4-M6	4-M6	3-M5	6-M10	73	23	35	35	35	45
DPT-08A5	9	M20	6-M12	6-M10	4-M10	3-M6	6-M12	82	26	40	40	50	60
DPT-08A6	9	M20	6-M12	4-M6	4-M10	3-M6	6-M12	82	26	40	40	50	60
DPT-10A6	9	M24	6-M16	6-M12	4-M10	3-M6	6-M14	100	32	46	50	55	70
DPT-10A8	9	M24	6-M16	4-M8	4-M10	3-M6	6-M14	100	32	46	50	55	70

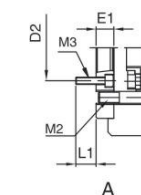
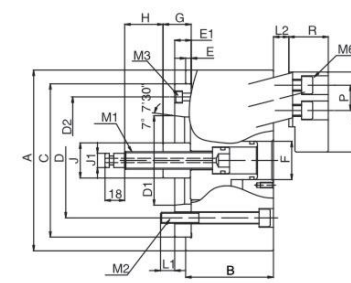
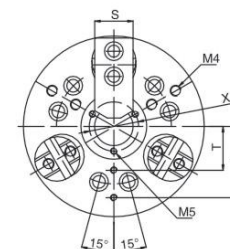
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> DPR SERIES

三爪後拉式油壓卡盤

3 JAW PULL BACK POWER CHUCK

- ◎ DPR後拉式油壓夾頭，在徑向夾持工件的同時向後斜拉。
- ◎ 工件緊貼定位端面，不會上浮，適合對鑄件及鍛件的重切削加工。
- ◎ 夾頭採用圓柱滑動結構，重複夾持精度與定長精度好。
- ◎ 可搭配氣密檢測裝置。
- ◎ DPR 3 jaw pull back power chuck, it pulls back while radial clamping the workpiece.
- ◎ When the workpiece is clamped onto the basic position end, it can't move up, it's suitable for processing casting and forgings parts.
- ◎ The cylindrical sliding structure is adopted, the repeating clamping accuracy and length fixing accuracy is excellent.
- ◎ It can go with air detection device to check if the clamping is OK or not.

DPR-08A5
DPR-10A6
參考圖A FIG A

規格 Spec 型號 Model	楔行程 Plunger stroke (mm)	爪行程直徑 Jaw stroke (Dia) (mm)	直徑夾持範圍 Clamping Range Dia. (mm)	容許油壓缸推力 Max. D.B. pull KN (Kgf)	最大夾持力 Max. clamping force KN (Kgf)	最高轉速 Max RPM	慣性矩 I Kg · m ²	重量 Weight (Kg)	適合油缸 Matching Cylinder	最大使用壓力 Max. pressure Mpa (Kgf/cm ²)
DPR-06A5	15	7.8	22-165	9(910)	25.0(2550)	3500	0.05	17	SLA-100	2.5(25)
DPR-08A5	20	10.3	28-210	16(1630)	45.0(4590)	3000	0.14	29	SLA-125	2.2(22)
DPR-08A6	20	10.3	28-210	16(1630)	45.0(4590)	3000	0.14	27.5	SLA-125	2.2(22)
DPR-10A6	20	10.3	35-254	21(2140)	60.0(6120)	2500	0.36	54	SLA-125	1.9(19)
DPR-10A8	20	10.3	35-254	21(2140)	60.0(6120)	2500	0.36	52	SLA-125	1.9(19)
DPR-12A8	20	10.3	50-304	45(4590)	112.5(11470)	2100	0.79	73	SLA-150	2.9(29)
DPR-15A11	20	10.3	60-381	53.9(5500)	134.7(13750)	1800	2.05	137	SLA-200	2.0(20)
DPR-18A11	20	10.3	80-457	53.9(5500)	134.7(13750)	1500	2.67	180	SLA-200	2.0(20)
DPR-21A11	28	20	100-510	89.2(9100)	151.6(15470)	1200	5.1	230	SLA-200	3.1(31)
DPR-24A11	28	20	160-610	89.2(9100)	151.6(15470)	1000	7.3	330	SLA-200	3.1(31)
DPR-32	20	7	200-800	89.2(9100)	151.6(15470)	600	-	-	SLA-200	3.1(31)

規格 Spec 型號 Model	A	B	C(H6)	D	D1	D2	E	E1	F	G max	G min	H	J	J1	K	L1
DPR-06A5	165	88	140	104.8	82.56	116	5	15	35	30	15	35	32	13	55	13
DPR-08A5	210	100	170	133.4	82.56	104.8	5	23	45	27	7	38	37	16	75	17
DPR-08A6	210	100	170	133.4	106.38	150	5	17	45	27	7	38	37	16	75	17
DPR-10A6	254	110	220	171.4	106.38	133.4	5	25	55	31	11	41	48	20	85	19
DPR-10A8	254	110	220	171.4	139.72	190	5	18	55	31	11	41	48	20	85	19
DPR-12A8	304	125	220	171.4	139.72	190	5	18	65	50	30	50	55	22	105	20
DPR-15A11	381	140	300	235	196.87	260	5	22	80	60	40	55	60	25	140	25
DPR-18A11	457	140	300	235	196.87	260	5	22	80	60	40	55	60	25	165	25
DPR-21A11	510	150	380	330.2	196.87	235	5	40	108	90	62	55	60	25	180	32
DPR-24A11	610	150	520	463.6	196.87	235	5	40	108	90	62	55	60	25	240	32
DPR-32	800	150	520	463.6	-	-	6	-	250	49	29	-	100	-	360	34

規格 Spec 型號 Model	L2 min	M1	M2	M3	M4	M5	M6	N	P	R	S	T	X
DPR-06A5	8	M16	6-M10	3-M6	6-M6	3-M5	6-M10	73	23	35	35	35	45
DPR-08A5	9	M20	6-M12	6-M10	6-M10	3-M6	6-M12	82	26	40	40	50	60
DPR-08A6	9	M20	6-M12	3-M6	6-M10	3-M6	6-M12	82	26	40	40	50	60
DPR-10A6	9	M24	6-M16	6-M12	6-M10	3-M6	6-M14	100	32	46	50	55	70
DPR-10A8	9	M24	6-M16	3-M8	6-M10	3-M6	6-M14	100	32	46	50	55	70
DPR-12A8	8	M27	6-M16	3-M8	6-M10	3-M6	6-M16	120	36	51	60	70	76
DPR-15A11	8	M30	6-M20	3-M10	6-M12	3-M8	6-M16	165	40	55	70	95	100
DPR-18A11	8	M30	6-M20	3-M10	6-M12	3-M8	6-M16	165	40	55	70	105	100
DPR-21A11	7	M30	6-M24	6-M20	9-M12	3-M8	6-M16	130	44	77.5	120	120	125
DPR-24A11	7	M30	6-M24	6-M20	12-M12	3-M8	6-M16	130	44	77.5	120	120	125
DPR-32	6	M80*2.0	6-M27	-	18-M12	3-M10	6-M20	200	50	76	90	200	220

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> DPF SERIES

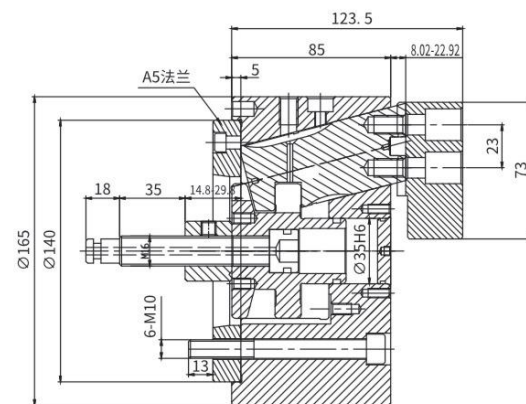
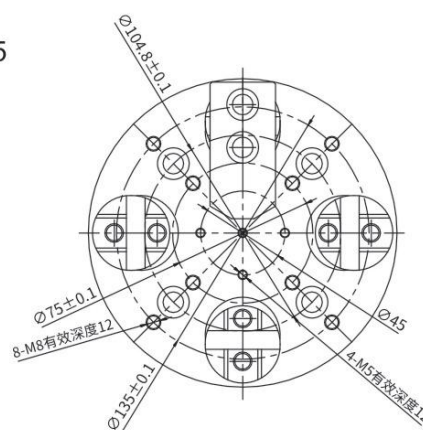
四爪後拉式油壓夾頭

4 JAW PULL BACK POWER CHUCK

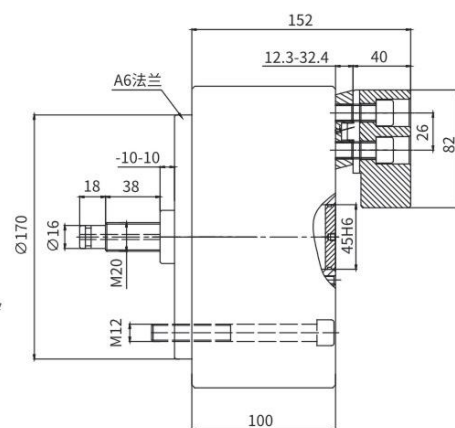
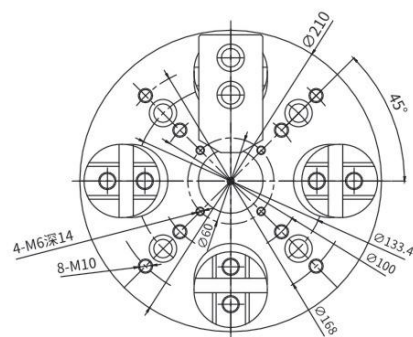
- DPF 後拉式油壓夾頭，在徑向夾持工件的同時向後斜拉。
- 工件緊貼定位端面，不會上浮，適合對鑄件及鍛件的重切削加工。
- 夾頭採用圓柱滑動結構，重複夾持精度與定長精度好。
- 可搭配氣密檢測裝置。
- DPF 4 jaw pull back power chuck, it pulls back while radial clamping the workpiece.
- When the workpiece is clamped onto the basic position end, it can't move up, it's suitable for processing casting and forgings parts.
- The cylindrical sliding structure is adopted, the repeating clamping accuracy and length fixing accuracy is excellent.
- It can go with air detection device to check if the clamping is OK or not.



DPF-06A5



DPF-08A6



規格 Spec 型號 Model	楔行程 Plunger stroke (mm)	爪行程直徑 Jaw stroke (Dia) (mm)	直徑夾持範圍 Clamping Range Dia. (mm)	容許油壓缸推力 Max. Pull force KN (Kgf)	最大夾持力 Max. clamping force KN (Kgf)	最高轉速 Max RPM	慣性矩 I Kg·m²	重量 Weight (Kg)	適合油缸 Matching Cylinder	最大使用壓力 Max. pressure Mpa (kgf/cm²)
DPF-06A5	15	7.8	22-165	9(910)	25(2550)	3500	0.05	15	SLA-100	2.5(25)
DPF-08A6	20	10.3	28-210	16(1630)	45(4590)	3000	0.15	26	SLA-125	1.2(22)

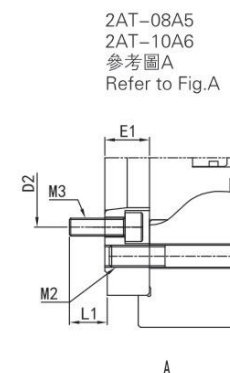
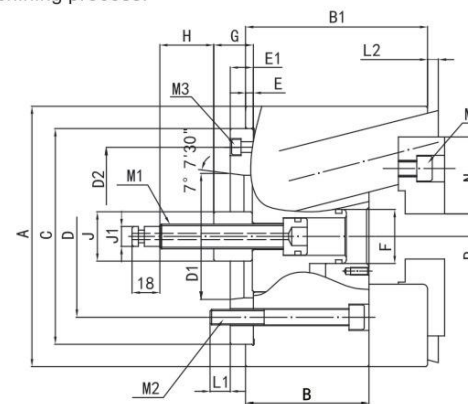
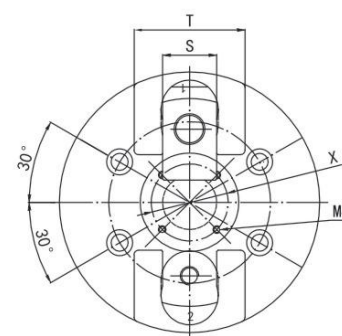
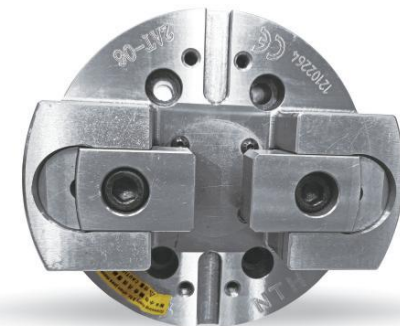
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> 2AT SERIES

二爪強力後拉固鎖式動力夾頭

2 JAW PULL LOCK POWER CHUCK

- 可同時將工件作徑向夾持與軸向後拉，使工件緊貼定位基準面不上浮。
- 可配合氣密檢測，進行軸向位置確認，適合對長度的進行高精度加工。
- 此夾頭為圓柱滑動結構及高剛性硬化處理的本體，並經過軸孔精磨，確保高夾持精度與耐用度，適合使用于重切削的場合。
- To do radial clamp and axial pull down simultaneously, it can keep the workpiece attaching close to the base surface of the chuck. During clamping process, there is almost no workpiece uplifting movement.
- It can go with Air-tight pressure and detect to inspect the axial position, it's suitable for high precision length machining work.
- This chuck is Pin arbor pull-down mechanism, the chuck body is heat-treated and fine bored, the clamping precision and durability is very good, it's suitable for heavy duty machining process.



2AT-08A5
2AT-10A6
參考圖A
Refer to Fig.A

規格 Spec 型號 Model	楔行程 Plunger stroke (mm)	爪行程直徑 Jaw stroke (Dia) (mm)	直徑夾持範圍 Clamping Range Dia. (mm)	容許油壓缸推力 Max. D.B. pull KN (Kgf)	最大夾持力 Max. clamping force KN (Kgf)	最高轉速 Max RPM	慣性矩 I Kg·m²	重量 Weight (Kg)	適合油缸 Matching Cylinder	最大使用壓力 Max. pressure Mpa (Kgf/cm²)
2AT-05A4	10	5.2	16-48	8.1(830)	25.0(2550)	6000	0.02	7.1	SLA-75/S-80	2.3(23)
2AT-06A5	15	7.8	22-60	16.7(1700)	52.4(5350)	6000	0.05	13.8	SLA-100/S-100	2.4(24)
2AT-08A5	20	10.3	32-90	23.7(2420)	74.5(7600)	5000	0.14	25.9	SLA-100/S-100	3.4(34)
2AT-08A6	20	10.3	32-90	23.7(2420)	74.5(7600)	5000	0.14	24	SLA-100/S-100	3.4(34)
2AT-10A6	20	10.3	45-120	34.3(3500)	107.8(11100)	4000	0.36	50	SLA-125/S-125	3.2(32)
2AT-10A8	20	10.3	45-120	34.3(3500)	107.8(11100)	4000	0.36	48.5	SLA-125/S-125	3.2(32)

規格 Spec 型號 Model	A	B	B1	C(H6)	D	D1	D2	E	E1	F	G max	G min	H
2AT-05A4	135	70	100	110	82.6	63.51	96	4	15	30	29	19	32
2AT-06A5	168	88	128	140	104.8	82.56	116	5	15	35	39	24	32
2AT-08A5	210	100	145	170	133.4	82.56	104.8	5	23	45	44	24	38
2AT-08A6	210	100	145	170	133.4	106.38	150	5	17	45	44	24	38
2AT-10A6	254	110	160	220	171.4	106.38	133.4	5	25	55	44	24	38
2AT-10A8	254	110	160	220	171.4	139.72	190	5	18	55	44	24	38

規格 Spec 型號 Model	J1	L1	L2 min	M1	M2	M3(Ad.)	M4	M5	N	P min	S	T	X
2AT-05A4	11	13	±5	M14	4-M10	4-M6	4-M5	2-M10	45	8	28	60	40
2AT-06A5	13	16	±7.5	M16	4-M10	4-M6	4-M5	2-M12	50	10	35	72	50
2AT-08A5	17	18	±10	M20	4-M12	4-M10	4-M6	2-M12	63	12.5	40	85	60
2AT-08A6	17	18	±10	M20	4-M12	4-M6	4-M6	2-M12	63	12.5	40	85	60
2AT-10A6	17	20	±10	M20	4-M16	4-M12	4-M6	2-M14	74	15	50	100	70
2AT-10A8	17	20	±10	M20	4-M16	4-M8	4-M6	2-M14	74	15	50	100	70

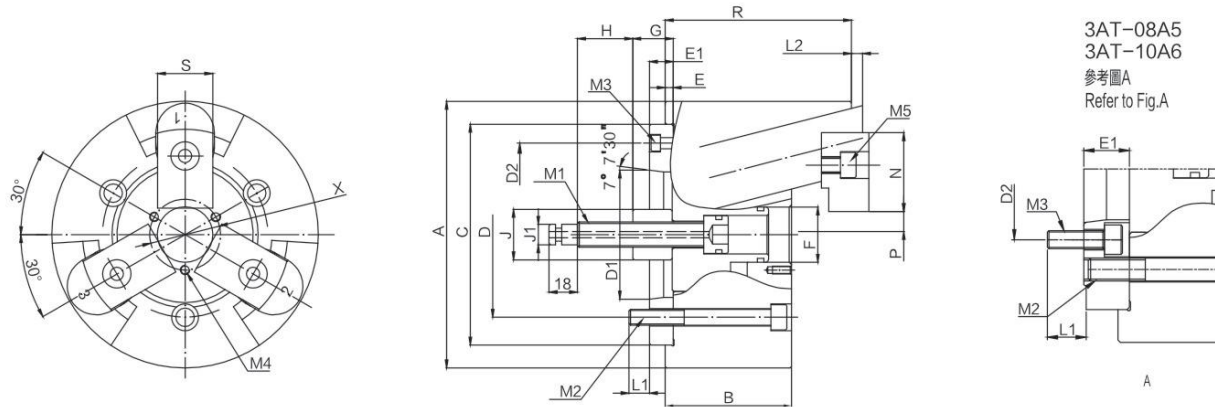
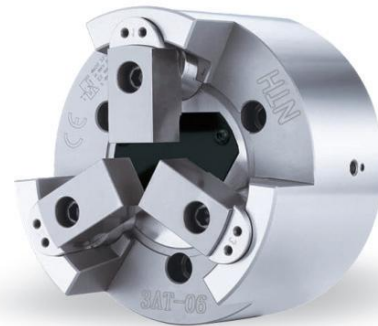
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> 3AT SERIES

三爪強力後拉固鎖式動力夾頭

3 JAW PULL LOCK POWER CHUCK

- 可同時將工件徑向夾持與軸向後拉，使工件緊貼定位基準面不上浮。
 - 可配合氣密檢測，進行軸向位置確認，適合對長度的進行高精度加工。
 - 此夾頭為圓柱滑動結構及高剛性硬化處理的本體，並經過軸孔精搪，確保高夾持精度與耐用度，適合使用于重切削的場合。
 - To do radial clamp and axial pull down simultaneously, it can keep the workpiece attaching close to the base surface of the chuck. During clamping process, there is almost no workpiece uplifting movement.
 - It can go with Air-tight pressure and detect to inspect the axial position, it's suitable for high precision length machining work.
 - This chuck is Pin arbor pull-down mechanism, the chuck body is heat-treated and fine bored, the clamping precision and durability is very good, it's suitable for heavy duty machining process.
- 



規格 型號	Spec Model	楔行程 Plunger stroke (mm)	爪行程直徑 Jaw stroke (Dia) (mm)	最大夾持直徑 Max.clamping dia (mm)	最小夾持直徑 Min.clamping dia (mm)	容許油壓缸推力 Max. D.B. pull KN (Kgf)	最大夾持力 Max. clamping force KN (Kgf)	最高轉速 Max RPM	慣性矩 I Kg · m ²	重量 Weight (Kg)	適合油缸 Matching Cylinder	最大使用壓力 Max.pressure Mpa (Kgf/cm ²)
3AT-06A5		15	7.8	100	25	18.0(1835)	58.0(5910)	6000	0.05	17	SLN-100/SLAN-100	2.0(20)
3AT-08A5		20	10.3	130	25	25.0(2550)	80.0(8150)	5000	0.14	29	SLN-125/SLAN-125	2.5(25)
3AT-08A6		20	10.3	130	25	25.0(2550)	80.0(8150)	5000	0.14	27.5	SLN-125/SLAN-125	2.2(22)
3AT-10A6		20	10.3	160	35	35.0(3570)	100.0(10100)	4000	0.36	53.5	SLN-125/SLAN-125	3.1(31)
3AT-10A8		20	10.3	160	35	35.0(3570)	100.0(10100)	4000	0.36	51.5	SLN-125/SLAN-125	3.1(31)

規格 型號	Spec Model	A	B	B1	C(H6)	D	D1	D2	E	E1	F	G max	G min	H
3AT-06A5		168	88	128	140	104.8	82.56	116	5	15	35	30	15	35
3AT-08A5		210	100	145	170	133.4	82.56	104.8	5	23	45	27	7	38
3AT-08A6		210	100	145	170	133.4	106.38	150	5	17	45	27	7	38
3AT-10A6		254	110	160	220	171.4	106.38	133.4	5	25	55	31	11	41
3AT-10A8		254	110	160	220	171.4	139.72	190	5	18	55	31	11	41

規格 Spec 型號 Model	J1	J2	L1	L2 min	M1	M2	M3(Ad.)	M4	M5	N	P min	S	X
3AT-06A5	32	13	13	8	M16	3-M10	3-M6	3-M5	3-M10	50	12.5	30	50
3AT-08A5	37	16	17	9	M20	3-M12	6-M10	3-M6	3-M12	63	12.5	35	60
3AT-08A6	37	16	17	9	M20	3-M12	3-M6	3-M6	3-M12	63	12.5	35	60
3AT-10A6	48	20	19	9	M24	3-M16	6-M12	3-M6	3-M14	74	17.5	40	70
3AT-10A8	48	20	19	9	M24	3-M16	3-M8	3-M6	3-M14	74	17.5	40	70

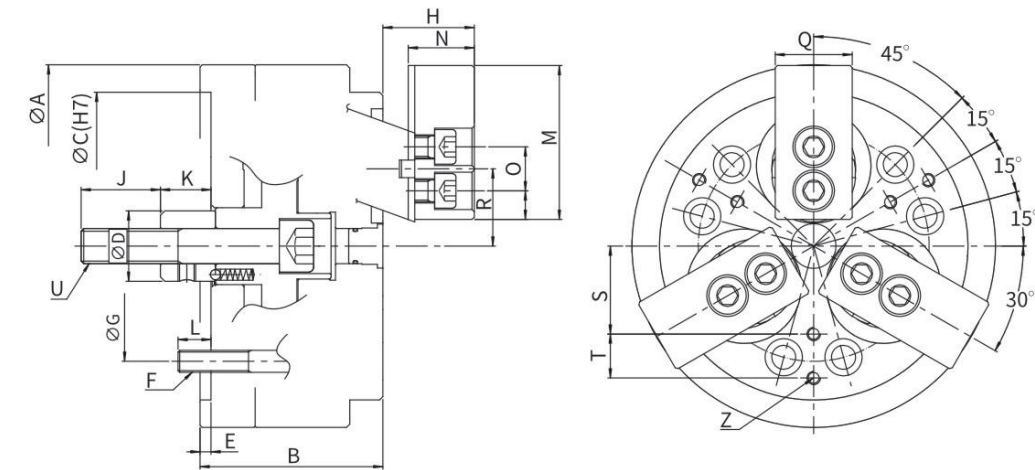
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> PBE SERIES

三爪內撐式後拉中實動力夾頭

3 JAW INSIDE DRAW DOWN POWER CHUCK

- ◎ 內撐後拉式動力夾頭，適用於內徑夾持。
- ◎ 可同時將工件做徑向夾持與軸向後拉，使工件不上浮并緊貼定位基準面。
- ◎ 適用於高精度制程加工。
- ◎ 3 Jaw Expansible Pull Lock Power Chuck, It's suitable for internal gripping
- ◎ Radial clamping and axial pulling down at the same time, to keep the workpiece tightly close to the base surface of the chuck, to avoid workpiece from uplifting.
- ◎ It's suitable for high accuracy processing.



規格 Spec 型號 Model	楔行程 Plunger stroke (mm)	爪行程直徑 Jaw stroke (Dia) (mm)	直徑夾持範圍 Clamping Range Dia. (mm)	容許油壓缸推力 Max.Pull forcekN KN (Kgf)	最大夾持力 Max. clamping force KN (Kgf)	最高轉速 Max RPM	重量 Weight (Kg)	適合油缸 Matching Cylinder	最大使用壓力 Max.pressureMpa (kgf/cm ²)
PBE-05	8	5.8	25~110	11.7(1193)	22.5(2295)	5000	8	S-100R	2.2(22)
PBE-06	8	5.8	40~140	14.7(1499)	24.5(2499)	5000	13	S-100R	3.4(33)
PBE-08	10	7.2	48~180	24.5(2499)	44.1(4498)	4500	26	S-125R	3.5(34)
PBE-10	15	10.8	65~220	34.3(3499)	58.8(5998)	4000	43.5	S-125R	3.1(30)
PBE-12	15	10.8	80~270	44.1(4498)	73.5(7497)	3500	68	S-150R	3.1(30)

規格 型號	Spec Model	A	B	C(H7)	D	E	F	G	H	J	K
PBE-05		135	75	110	28	5	3-M10	82.6	28-36	26	14-22
PBE-06		165	80	140	32	5	6-M10	104.8	34-42	36	23-31
PBE-08		210	95	170	38	5	6-M10	133.4	45-55	36	25-35
PBE-10		254	110	220	50	5	6-M10	171.4	50-65	46	32-47
PBE-12		304	125	220	50	5	6-M10	171.4	55-70	46	32-47

規格 型號	Spec Model	L	M	N	O	P	Q	R	S	T	U	Z
PBE-05		15	56	24.5		20	30	24.6-27.5	25		M12*1.75	3-M6
PBE-06		15	70	30	20	13	35	35-37.9	40	20	M16*2	6-M6
PBE-08		15	84	41	26	18	40	43-46.6	50	25	M20*2.5	6-M8
PBE-10		22	100	46	32	22	50	28-36	50	30	M24*3	6-M8
PBE-12		22	120	51	36	24	60	28-36	70	40	M24*3	6-M10

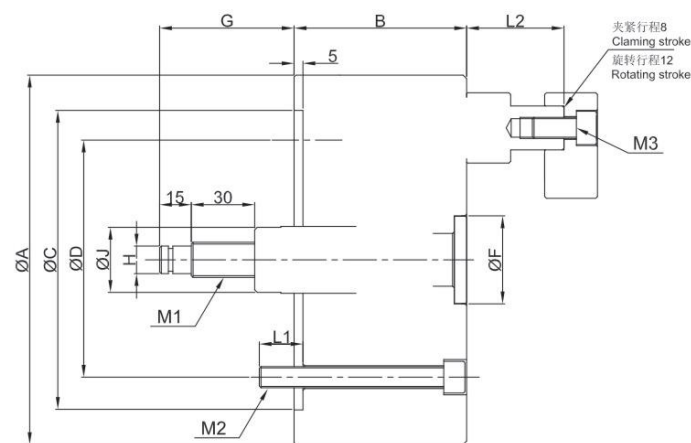
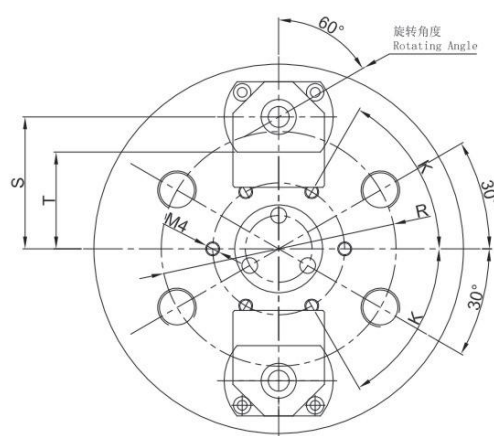
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> 2F SERIES

二爪中實型指形動力夾頭

2 JAW FINGER POWER CHUCK

- ◎ 夾持工件端面，防止工件夾持變形，適合薄壁工件加工。
- ◎ 夾持補償機構，可夾持不規則斷面之工件。
- ◎ 夾頭中心可裝設工件密著確認裝置。
- ◎ Prevent deformation of workpiece for gripping the terminal surface, suitable for thin workpiece process.
- ◎ The compensating mechanism of gripping that can grasp the workpieces of the irregular surface.
- ◎ Additional check device able to install in the center of chuck.



規格 Spec 型號 Model	楔心行程 Plunger stroke (mm)	爪行程直徑 Jaw stroke (Dia) (mm)	許用推拉力 Max. Pull force KN(kgf)	最大夾緊力 Max. Gripping force KN(kgf)	極限轉速 Max. Speed r/min	夾緊範圍 Gripping range (mm)	慣量 Moment of inertial Kg.m²	重量 Weight kg	適用油缸 Matching cylinder	最大使用壓力 Max. Pressure Mpa (Kgf/cm²)
2F-06	12	8	6 (610)	5 (510)	4000	55-79	0.04	9.8	S-100	0.8 (8)
2F-08			12 (1224)	11 (1120)	3500	75-106	0.12	20.3		1.7 (17)
2F-10						119-150	0.28	30.7		

規格 Spec 型號 Model	A	B	C (H6)	D	F	G max min	H	J	K	L1	L2	M1	M2	M3	M4	R	S	T
2F-06	165	86	140	104.8	45	70 50	14	28	30°	15	36-56	M16	M10	M10	4-M6	64	57.5	37.5
2F-08	210	90	170	133.4	56	75 55	16	38	50°	18	50-70	M20	M12	M16	4-M8	104	75	55
2F-10	254	95	220	171.4		70 50												

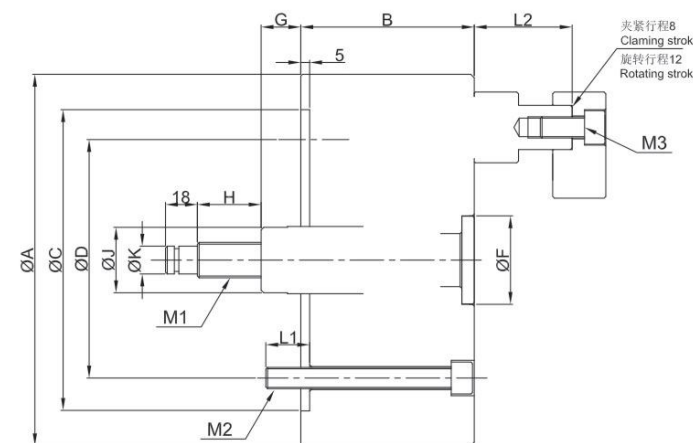
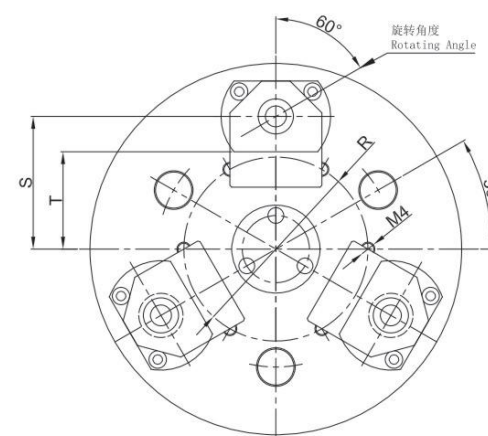
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> 3F SERIES

三爪中實型指形動力夾頭

3 JAW FINGER POWER CHUCK

- ◎ 夾持工件端面，防止工件夾持變形，適合薄壁工件加工。
- ◎ 夾持補償機構，可夾持不規則斷面之工件。
- ◎ 夾頭中心可裝設工件密著確認裝置。
- ◎ Prevent deformation of workpiece for gripping the terminal surface, suitable for thin workpiece process.
- ◎ The compensating mechanism of gripping that can grasp the workpieces of the irregular surface.
- ◎ Additional check device able to install in the center of chuck.



規格 Spec 型號 Model	旋轉行程 Rotating stroke (mm)	夾緊行程 (直徑) Clamping stroke (Dia.)mm	許用推拉力 Max. Pull force KN(kgf)	最大夾緊力 Max. Gripping force KN(kgf)	極限轉速 Max. Speed r/min	夾緊範圍 Gripping range (mm)	慣量 Moment of inertial Kg.m²	重量 Weight kg	適用油缸 Matching cylinder	最大使用壓力 Max. Pressure Mpa (Kgf/cm²)
3F-05	12	8	14.7(1500)	11.9(1200)	4000	25-50	0.03	11	S-100	2.1(21)
3F-06	12	8	17.7(1800)	13.7(1400)	3500	35-73	0.05	12	S-100	2.5(25)
3F-08	12	8	26.5(2700)	20.6(2100)	3000	70-108	0.14	23	S-125	2.4(24)
3F-10	12	8	35.3(3600)	27.5(2100)	2500	90-143	0.31	33	S-150	2.3(23)
3F-12	12	8	35.3(3600)	27.5(2800)	2100	140-193	0.76	45	S-150	2.3(23)
3F-15	17	8	44.1(4500)	35.3(3600)	1800	174-256	1.97	88	S-150	2.8(28)
3F-18	17	8	44.1(4500)	35.3(3600)	1600	248-330	2.69	126	S-150	2.8(28)
3F-21	17	8	44.1(4500)	35.3(3600)	1200	324-406	5.1	179	S-150	2.8(28)

規格 Spec 型號 Model	A	B	C (H6)	D	F	G max min	H	J	K	L1	L2	M1	M2	M3	M4	R	S	T
3F-05	135	89	110	82.6	32	47 27	36	34	13	14	36-56	M16	M10	M10	3-M6	58	42.5	26
3F-06	165	98	140	104.8	36	51 31	36	40	16	15	40-60	M20	M10	M12	3-M8	70	57.5	37.5
3F-08	210	98	170	133.4	36	51 31	36	40	16	19	40-60	M20	M12	M12	6-M8	104	75	55
3F-10	254	102	220	171.4	36	47 27	36	40	16	23	50-70	M20	M16	M14	6-M8	140	95	72.5
3F-12	304	102	220	171.4	36	47 27	36	40	16	23	50-70	M20	M16	M14	6-M8	180	120	97.5
3F-15	381	120	300	235	55	62 37	45	60	20	26	60-85	M24	M20	M16	6-M10	235	155	129
3F-18	457	125	300	235	55	57 32	45	60	20	31	60-85	M24	M20	M16	6-M10	300	192	166
3F-21	533	125	380	330.2	55	57 32	45	60	20	31	60-85	M24	M24	M16	6-M12	380	230	204

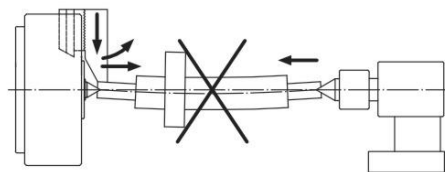
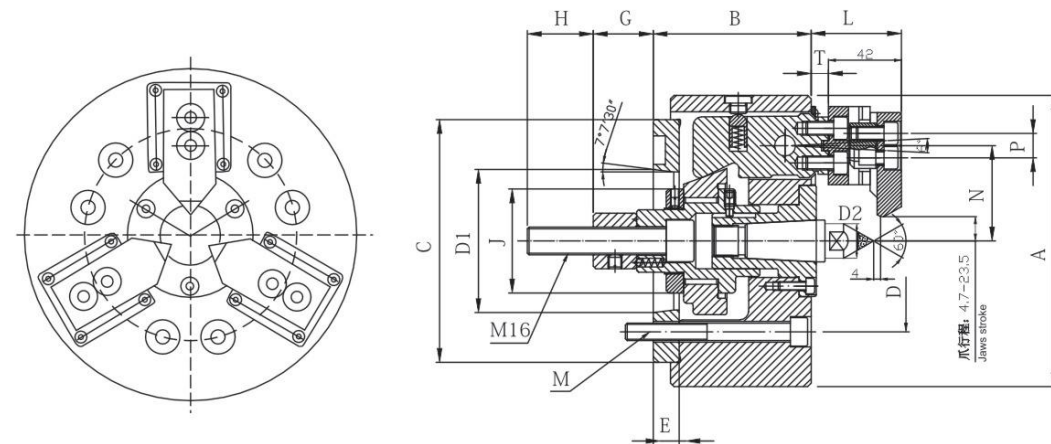
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> FWD SERIES

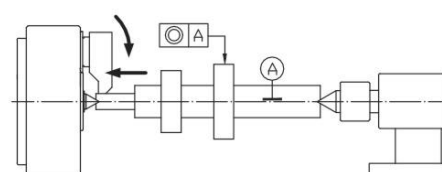
三爪補償型帶頂心動力卡盤

3 JAW COMPENSATION WITH CENTER POWER CHUCK

- ◎ 適用於軸類工件加工，卡盤具有補償式夾緊和後拉的功能，對中心的補償量為5mm。
- ◎ 尾座支撐工件，卡盤補償夾緊後，把工件拉向中心頂尖，依此加工後同軸度會非常好。
- ◎ It's suitable for shaft machining, the chuck have the function of compensation clamping and pulling back, the compensation size is 5mm.
- ◎ The tailstock support the shaft, after compensation clamping, the chuck pull the shaft back to center, better concentricity can be made.



不带补偿夹持的效果,易导致工件弯曲
Without pull back and compensation function,
the work bar easy to be bend.



FWD卡盘的夹持效果,所加工的同轴度非常好
FWD chuck clamping effect,
the work bar's concentricity can be better.

規格 Spec 型號 Model	模心行程 Plunger stroke (mm)	爪行程直徑 Jaw stroke (Dia.) (mm)	直徑夾持範圍 Clamping Range Dia. (mm)	容許油壓缸推力 Max. D.B. pull KN (Kgf)	最大夾持力 Max. clamping force KN (Kgf)	補償量 Compensation (mm)	最高轉速 Max RPM	慣性矩 I Kg · m ²	重量 Weight (Kg)	適合油缸 Matching Cylinder	最大使用壓力 Max.pressure Mpa (Kgf/cm ²)
FWD-06A5	16	13	6-35	14.7(1500)	25.0(2550)	5	3500	0.2	13	SNK-100	2.1(21)
FWD-08A6	20	18	16-65	19.6(2000)	34.3(3500)	6	3000	0.5	22	SNK-100	2.8(28)

規格 Spec 型號 Model	A	B	C(H6)	D	D1	D2	E	G	H	J	L	M	N	P	T
FWD-06A5	168	116	140	104.8	82.56	24	15	4-20	38	50	52	M10x120	55	14	34
FWD-08A6	210	127	170	133.4	106.38	32	17	9-29	38	58	61	M12x125	67	20	41.5

備注:

* FWD-06為彈性頂尖，在夾持工件時，以中心為基準補正，同時可使工件接觸到端面，便于軸向定位。

REMARK:

* FWD-06 chuck's center is spring type, when clamping, it's based on the center, the workpiece could be pulled onto the position base, so as to make axial position.

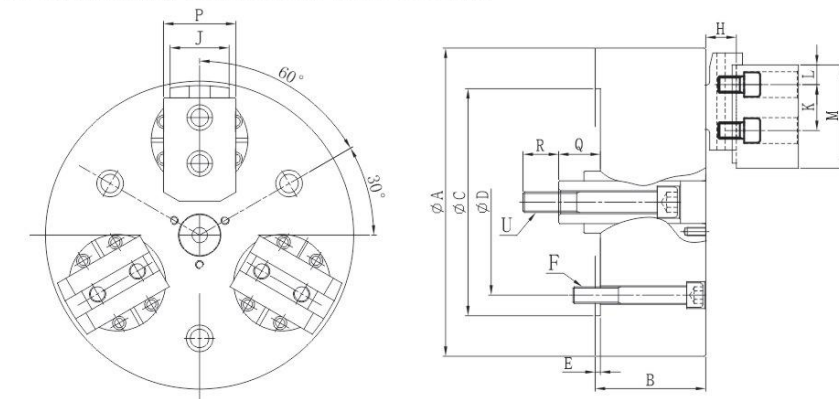
- ※ 保留技術更改的權利，恕不另行通知 Subject to technology changes without prior information
- ※ 非標需求可訂做 Non-standard requirements can be made

> FW SERIES

FW三爪強力浮動油壓卡盤

3 JAW SWING LOCK CHUCK

- ◎ 適用於鑄造和鍛造工件的自定心車削加工
- ◎ 工件夾緊并後拉，能夾持10度的錐體，卡爪可左右搖擺5度。
- ◎ 重複定位精度可達0.03mm
- ◎ Suitable for self centering turning process for casting and forging workpiece
- ◎ Clamping and drawing back the workpiece, it can clamp the parts with 10 degree taper, and the chuck jaws can swing 5 degree.
- ◎ The accuracy for repeatability position can meet 0.03mm



型號 Model 規格 Spec	夾持外徑 Clamping out dia (mm)	夾持內徑 Clamping inner dia (mm)	柱塞行程 Plunger Stroke (mm)	爪行程(直徑) Jaw stroke (Dia.) (mm)	最高回轉數 Max RPM	最大容許油壓缸推力 Max. D.B. pull kN	最大靜夾持力 Max. clamping force kN	適用油缸 Matching Cylinder	重量 Weight (kg)
FW-06	12.7-120	70-152	11.4	7.9	4000	23	70	S-125R	14.8
FW-08	16-152	76-203	14.2	9.5	3500	32	96	S-125R	23.7
FW-10	50-203	85-235	17.5	12.7	3200	40	123	S-150R	39.5
FW-12	63-241	127-305	17.5	12.7	2500	40	123	S-150R	58.5
FW-15	78-310	170-380	22.4	15.8	1800	54	165	S-200R	95.2
FW-18	90-390	245-455	22.4	15.8	1500	55	166	S-200R	145
FW-21	165-470	320-530	22.4	15.8	1000	56	167	S-200R	180

型號 Model 規格 Spec	A	B	C H6	D	E	F	H
FW-06	162	77	140	104.8	5	3-M10	19.3
FW-08	200	88	170	133.4	5	3-M12	23.3
FW-10	254	105	220	171.4	5	3-M16	29.1
FW-12	300	105	220	171.4	5	6-M16	29.1
FW-15	381	120	300	235	6	6-M20	32.4
FW-18	457	126.5	380	260	6	6-M24	32.4
FW-21	533	126.5	380	330.2	6	6-M24	32.4

型號 Model 規格 Spec	J	K	L	M	P	Qmin	QMax	R	U
FW-06	38	30	15	67.5	51	17.6	29	30	M16
FW-08	44.5	34	15	74	57	20	34	30	M18
FW-10	57	45	19	89.5	70	23.5	41	35	M22
FW-12	57	45	19	108.5	70	20	37.5	38	M22
FW-15	66.7	54	24	140	76	29.6	52	40	M24
FW-18	66.7	54	24	140	76	16.4	38.7	41	M30
FW-21	66.7	54	24	140	76	16.4	38.7	41	M30

- ※ 保留技術更改的權利，恕不另行通知 Subject to technology changes without prior information
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> FRS SERIES

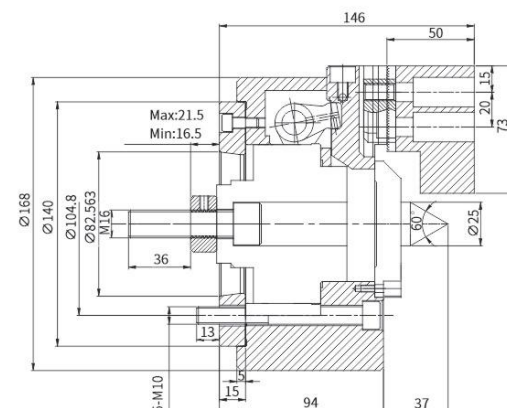
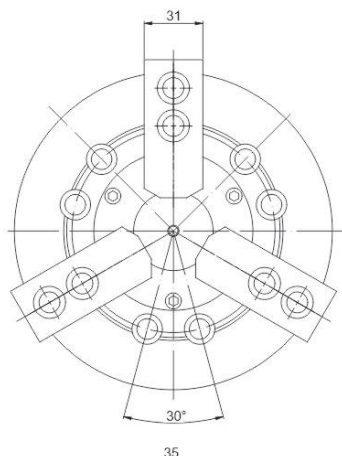
三爪齒式帶頂尖浮動卡盤

3 JAW SERRATION MODEL WITH CENTER FLOATING CHUCK

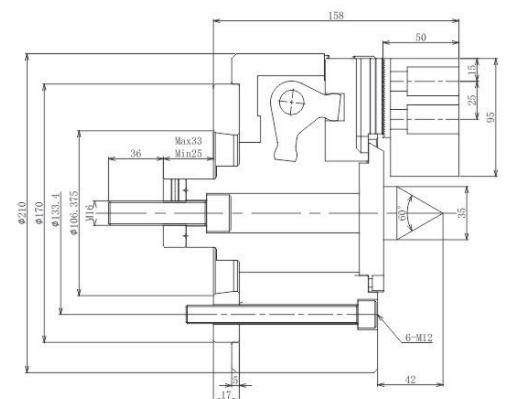
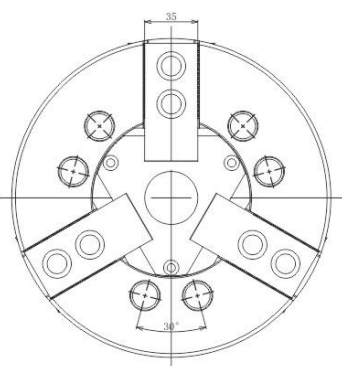
- FRS 3爪浮動卡盤的卡爪為齒式連接，便于調節卡爪夾持範圍。
- 適合對軸類工件，需兩端頂尖夾持的加工。
- 工件通過頂尖定心，重複夾持精度高。
- FRS 3 jaw with center floating power chuck, its jaws are serration connecting type, it's easy to adjust the jaws clamping range.
- It's suitable for shaft workpieces which need be held by center from both two ends
- The workpiece center can be positioned by the center, so the repeating clamping accuracy is high.



FRS-06A5



FRS-08A6



規格 Spec 型號 Model	楔心行程 Plunger stroke (mm)	爪行程直徑 Jaw stroke (Dia) (mm)	最大夾持直徑 Max clamping dia (mm)	最小夾持直徑 Min clamping dia (mm)	容許油壓缸推力 Max Oil Pull KN(kgf)	最大夾持力 Max. clamping force KN (Kgf)
FRS-06A5	5	6	160	25	23.5(2400)	26(2650)
FRS-08A6	8	12.8	200	25	34.3(3500)	35(4150)

規格 Spec 型號 Model	補償量 Compensation (mm)	最高轉速 Max RPM	慣性矩 I kg·m ²	重量 Weight (Kg)	適合油壓缸 Matched cylinders	最大使用壓力 Max.pressure Mpa (Kgf/cm ²)
FRS-06A5	2	3500	0.063	15	S-100	2.1(21)
FRS-08A6	3	3000	0.175	24.5	S-125	2.8(28)

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> 1B SERIES

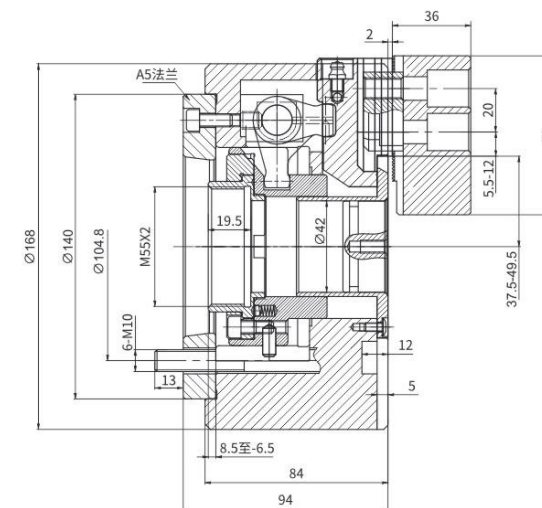
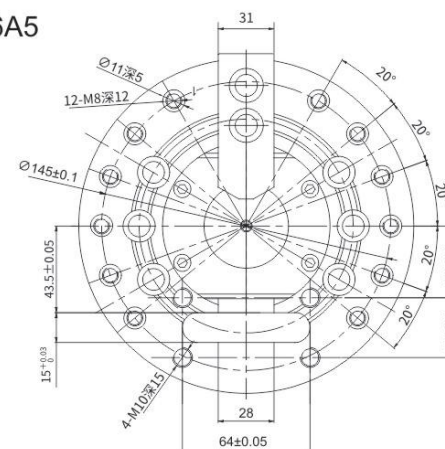
單爪中空超長行程動力夾頭

SINGLE JAW THROUGH HOLE POWER CHUCK

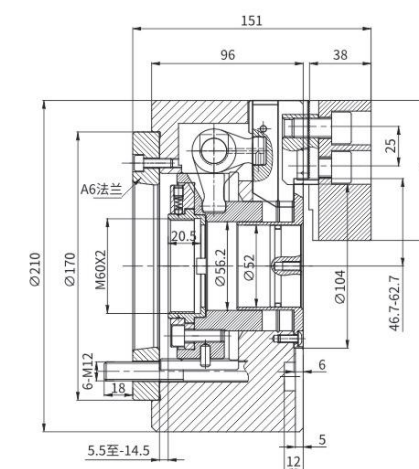
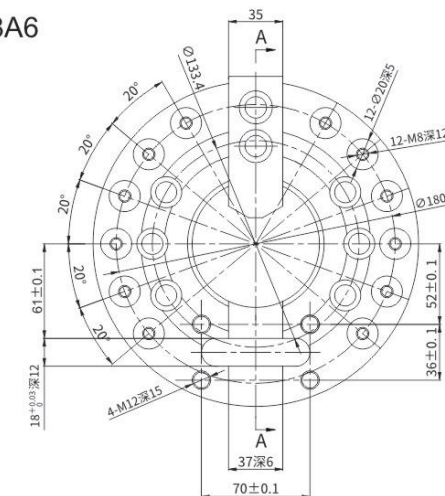
- 中空單爪夾頭，超長爪行程。
- 適用於治具夾持。
- 高剛性結構及高精度夾持。
- Single jaw through hole power chuck, super long jaw stroke.
- Suitable for clamping the jig.
- Construction of high rigidity and high clamping accuracy.



1B-06A5



1B-08A6



規格 Spec 型號 Model	楔心行程 Plunger stroke (mm)	爪行程直徑 Jaw stroke (Dia) (mm)	直徑夾持範圍 Clamping Range Dia. (mm)	容許油壓缸推力 Max.Pull forceKN KN (Kgf)	最大夾持力 Max. clamping force KN (Kgf)	最高轉速 Max RPM	慣性矩 I Kg·m ²	重量 Weight (Kg)	適合油缸 Matching Cylinder	最大使用壓力 Max.pressureMpa (Kgf/cm ²)
1B-06A5	15	12	10-169	15.7(1600)	17.2(1760)	3600	0.05	15	H-1246/HK-1246	1.7(17)
1B-08A6	20	32	10-210	22.8(2330)	27(2750)	3000	0.15	26	H-1552/HK-1552	1.5(15)

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> BTS SERIES

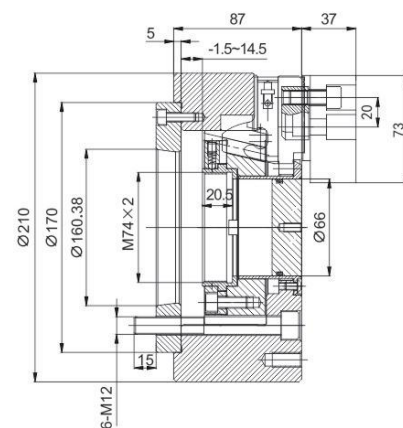
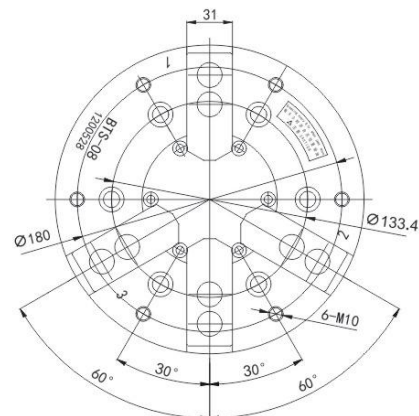
二爪三爪共用中空卡盤

2 JAW AND 3 JAW COMPATIBLE POWER CHUCK

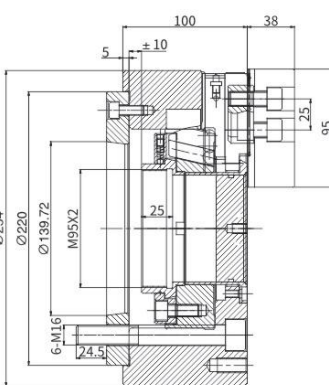
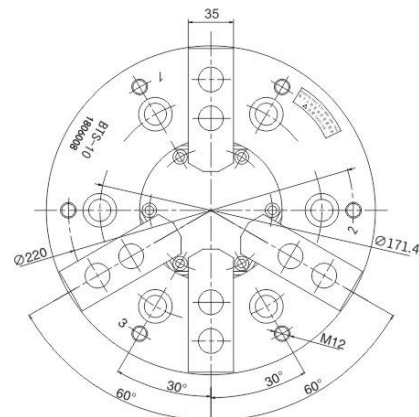
- ◎ 同一個卡盤，可實現兩爪卡盤及三爪卡盤的功能。
- ◎ 在夾持圓形工件切換為异形工件時，祇須調整卡爪，無需更換卡盤。
- ◎ 卡盤所有滑動面均經過表面硬化及研磨處理，以提高回轉精度與使用壽命。
- ◎ The function of 2 jaw chuck and 3 jaw chuck can be used in one same chuck.
- ◎ When the round workpiece need change to irregular type, just change the chuck jaws, no need to change the chuck.
- ◎ All chuck's sliding surfaces are hardened and ground to increase rotary accuracy and longer service life.



BTS-08A6



BTS-10A8



規格 Spec 型號 Model	通孔直徑 Through hole dia. (mm)	楔行程 Plunger stroke (mm)	爪行程直徑 Jaw stroke (Dia) (mm)	最大夾持直徑 Max clamping dia Kg · m ²	最小夾持直徑 Min clamping dia (mm)	容許油壓缸推力(兩爪) Max.D.B.Pull KN(Kgf)	容許油壓缸推力(三爪) Max.D.B.Pull KN(Kgf)
BTS-08A6	66	16	7.4	210	23	14.7(1470)	21.5(2200)
BTS-10A8	75	20	9.2	254	31	23.1(2360)	34.3(3500)

規格 Spec 型號 Model	最大夾持力(兩爪) Max clamping force KN(Kgf)	最大夾持力(三爪) Max clamping force KN(Kgf)	最高轉速 Max RPM	重量 Weight Kg	適合油壓缸 Matched cylinders	最大使用壓力(兩爪) Max.pressure Mpa(Kgf/cm ²)	最大使用壓力(三爪) Max.pressure Mpa(Kgf/cm ²)
BTS-08A6	37.9(3870)	56.8(5800)	4200	25	H-1552	1.2(12)	1.8(18)
BTS-10A8	57.2(5840)	85.8(8750)	3300	35	H-1875	1.4(14)	2.1(21)

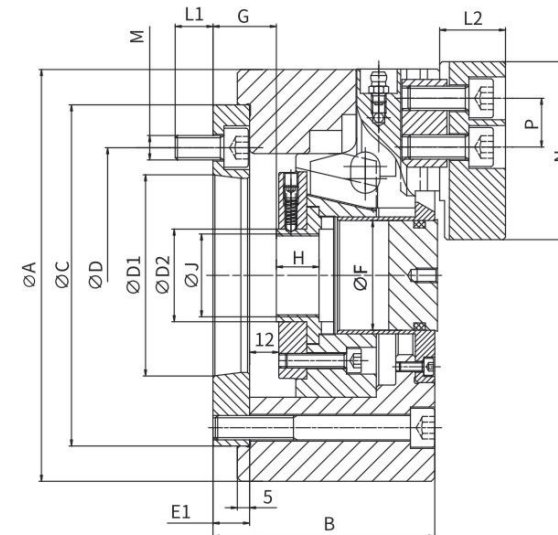
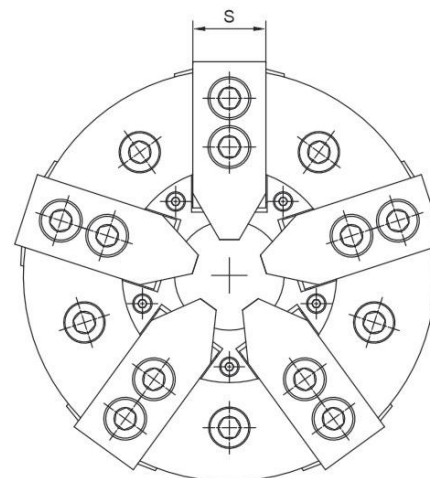
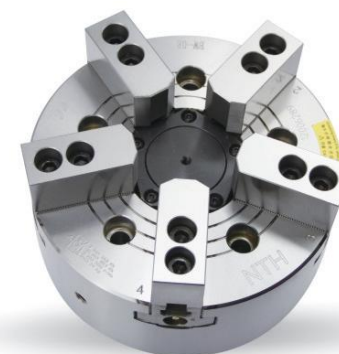
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> BW SERIES

五爪中空動力卡盤

5 JAW THROUGH HOLE POWER CHUCK

- ◎ 多點夾持，針對薄壁管形，環形工件，可改善工件夾持過程中的變形問題。
- ◎ 另有五爪中實卡盤可選。
- ◎ More contact point clamping, it can improve the deformation issue during clamping process for thin wall pipe or ring like workpiece.
- ◎ 5 jaw closed center power chuck is optional.



規格 Spec 型號 Model	楔行程 Plunger stroke (mm)	爪行程直徑 Jaw stroke (Dia) (mm)	直徑夾持範圍 Clamping Range Dia. (mm)	容許油壓缸推力 Max. D.B. pull KN (Kgf)	最大夾持力 Max. clamping force KN (Kgf)	最高轉速 Max RPM	重量 Weight (Kg)	適合油缸 Matching Cylinder	最大使用壓力 Max.pressure Mpa (Kgf/cm ²)
BW-06A5	12	5.5	15-168	17.1(2200)	35.8(5500)	5000	15.5	H-1246/HK-1246	2.74(20)
BW-08A6	16.5	7.6	13-210	34.3(3500)	85.8(8750)	5000	25.5	H-1552/HK-1552	2.8(28)
BW-10A8	21	8.9	46-254	34.3(3000)	85.8(7000)	2500	43.5	H-1875/HK-1875	2.1(21)

規格 Spec 型號 Model	A	B	C(H6)	D	D1	E1	G max	G min	H
BW-06A5	169	97	140	104.8	82.563	21	26	14	17.5
BW-08A6	210	103	170	133.4	106.375	17	39	22.5	19.5
BW-10A8	254	120	220	171.4	139.719	25	28.5	7.5	25

規格 Spec 型號 Model	F	L1	L2	J	D2	M	N	P	S
BW-06A5	45	15.5	37	M55*2.0	60	10	73	20	31
BW-08A6	52	19	37	M60*2.0	66	12	73	20	31
BW-10A8	81	24	43	M85*2.0	97	16	110	30	40

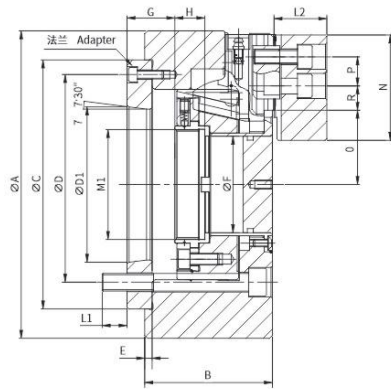
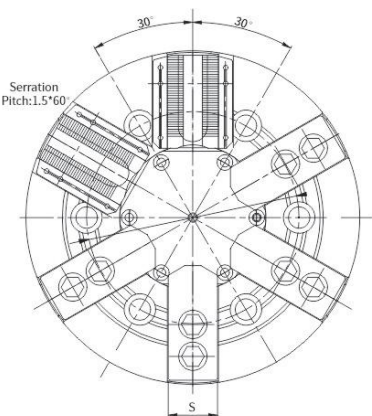
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> BS SERIES

六爪中空動力卡盤

BS 6 JAW THROUGH HOLE POWER CHUCK

- ◎ 卡盤多點夾持，針對薄壁管形，環形工件，可改善工件夾持過程中的變形問題。
- ◎ More contact point clamping, it can improve the deformation issue during clamping process for thin wall pipe or ring like workpiece.



規格 Spec 型號 Model	楔行程 Plunger stroke (mm)	爪行程直徑 Jaw stroke (Dia) (mm)	最大夾持直徑 Max. clamping dia (mm)	最小夾持直徑 Min clamping dia (mm)	容許油壓缸推力 Max. D.B. Pull KN(kgf)
BS-206 A5	12	5.6	168	15	17.1(1750)
BS-208 A6	16	7.4	210	13	34.3(3500)
BS-210 A8	19	8.8	254	46	34.3(3500)
BS-212 A8	30	22	315	37	42.6(4380)

規格 Spec 型號 Model	最大夾持力 Max. clamping force (mm)	最高轉速 Max RPM	慣性距 kg·m ²	重量 Weight kg	適合油壓缸 Matched cylinders	最大使用壓力 Max pressure Mpa(kgf/cm ²)
BS-206 A5	35.8(3650)	6000	0.06	15	H-1246	2.0(20)
BS-208 A6	85.8(8750)	5000	0.19	25	H-1552	2.8(28)
BS-210 A8	85.8(8750)	4200	0.35	42	H-1875	2.1(21)
BS-212 A8	80.7(8241)	3300	0.95	66	H-2091	2.1(21)

規格 Spec 型號 Model	A	B	C(H6)	D	D1	E	F	G max	G min
BS-206 A5	169	81	140	104.78	82.56	5	45	26	14
BS-208 A6	210	87	170	133.35	106.38	5.5	66	31.5	15.5
BS-210 A8	254	100	220	171.45	139.72	5.5	86	26.5	7.5
BS-212 A8	320	113	300	235	196.869	6	91	37	7

規格 Spec 型號 Model	H	L1	L2	M1	N	P	O max	O min	R max	R min	S
BS-206 A5	19	18	30	M55*2.0	62	14	42.2	39.4	19.8	7.8	25
BS-208 A6	20.5	17	36	M75*2.0	73	20	50.6	46.9	22.8	9.3	31
BS-210 A8	25	24.5	37	M95*2.0	95	25	59.2	54.8	29.8	14.8	35
BS-212 A8	28	22	42	M130*2.0	110	30	79	68	29.8	14.3	40

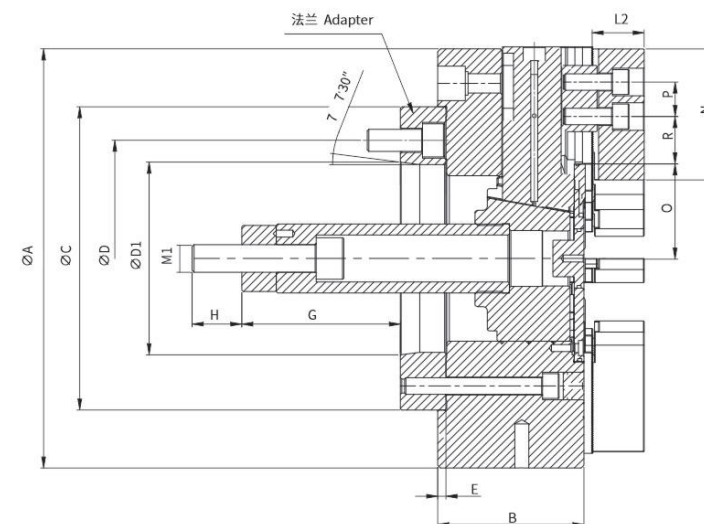
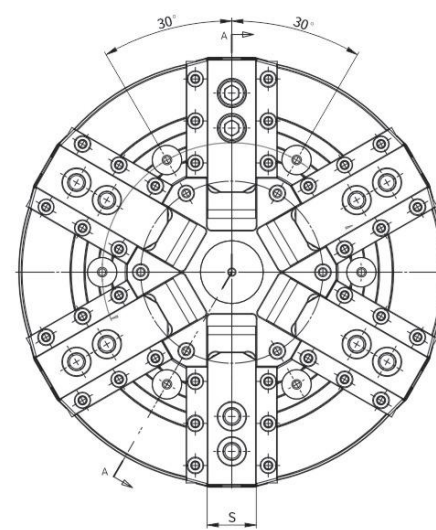
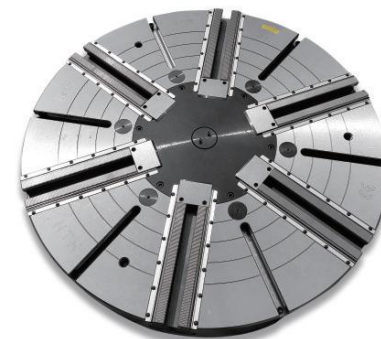
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> TS-R SERIES

六爪中實動力卡盤

TS-R 6 JAW CLOSED CENTER POWER CHUCK

- ◎ 卡盤多點夾持，針對薄壁管形，環形工件，可改善工件夾持過程中的變形問題。
- ◎ 卡盤具有防塵功能。
- ◎ More contact point clamping, it can improve the deformation issue during clamping process for thin wall pipe or ring like workpiece.
- ◎ Chips proof function.



規格 Spec 型號 Model	楔行程 Plunger stroke (mm)	爪行程直徑 Jaw stroke (Dia) (mm)	最大夾持直徑 Max. clamping dia (mm)	最小夾持直徑 Min clamping dia (mm)	容許油壓缸推力 Max. D.B. Pull KN(kgf)
TS-212R A8	30	10.5	304	32	53(5448)
TS-215R A11	35	12.3	381	50	82(8429)

規格 Spec 型號 Model	最大夾持力 Max. clamping force (mm)	最高轉速 Max RPM	慣性距 kg·m ²	重量 Weight kg	適合油壓缸 Matched cylinders	最大使用壓力 Max pressure Mpa(kgf/cm ²)
TS-212R A8	142(14597)	3000	0.95	67	S-150	2.1(21)
TS-215R A11	248(25495)	3000	1.95	116	S-200	2.1(21)

規格 Spec 型號 Model	A	B	C(H6)	D	D1	E	G max	G min
TS-212R A8	304	106	220	185	139.719	6	145	115
TS-215R A11	381	116	300	235	196.869	6	82	47

規格 Spec 型號 Model	H	L2	M1	N	P	O max	O min	R max	R min	S
TS-212R A8	36	38	M20*2.5	95	25	74.3	69	46	9	35
TS-215R A11	35	50	M30*3.5	129	30	93	87	56	12	50

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JP系列 高速精密膜片夾頭

JP SERIES HIGH SPEED DIAPHRAGM CHUCK

- ◎ 高精度三爪油壓膜片夾頭
- ◎ 夾頭本體密封，防塵防水防腐。低潤滑低保養需求
- ◎ 夾頭本體無滑動磨損，精度壽命長
- ◎ 適合高精度工件夾持加工
- ◎ 夾持力可以透過油缸出力精密微調
- ◎ 適合薄環件、薄管件、脆弱件夾持加工
- ◎ 搭配數控車床或精密研磨床工作

0.005mm repeatability.

Anti centrifugal force design. Clamping force remains high in high R.P.M.

Integrated dynamic-balancing-weights for fine balance adjustment.

No sliding parts to wear out.

Clamping force/stroke is proportional to actuating force.

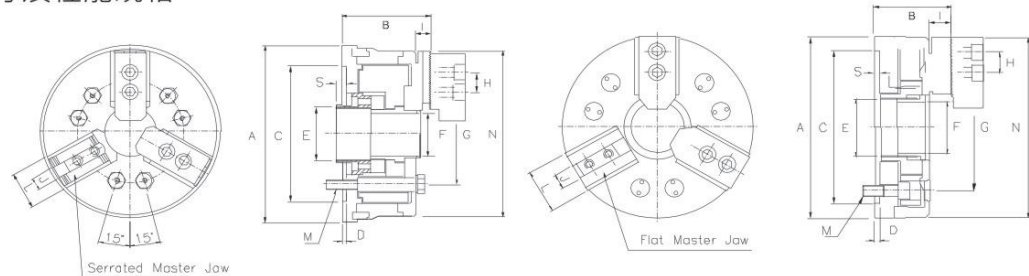
Ideal for fragile parts, or thin-wall parts clamping.



應用範例

- ◎ 軸承薄環件
- ◎ 數位相機零件
- ◎ 氣動手工具組的零件加工
- ◎ 微小引擎的缸套與活塞加工
- ◎ 超薄環形零件，超薄鋁管零件
- ◎ 陶瓷零件加工

產品尺寸及性能規格



型號/Model	JP-05	JP-06	JP-08	JP-10	JP-06L	JP-08L
A	147mm (5.79")	182mm (7.17")	232mm (9.13")	267mm (10.51")	167mm (6.57")	217mm (8.54")
B	68mm (2.68")	87mm (3.42")	98mm (3.86")	105mm (4.13")	65.5mm (2.58")	71.5mm (2.82")
C (H6)	110mm (4.33")	140mm (5.51")	170mm (6.69")	220mm (8.66")	140mm (5.51")	170mm (6.69")
D	4mm (0.16")	4.5mm (0.16")	4.5mm (0.16")	5mm (0.20")	5mm (0.20")	5mm (0.20")
E	M40 x P1.5	M55 x P2.0	M60 x P2.0	M85 x P2.0	M55 x P2.0	M60 x P2.0
F	33mm (1.30")	44mm (1.73")	50mm (1.97")	75mm (2.95")	44mm (1.73")	52mm (2.05")
G (P. C. D.)	82.6mm (3.25")	104.8mm (4.13")	133.4mm (5.25")	171.4mm (6.75")	104.8mm (4.13")	133.4mm (5.25")
H	14mm (0.55")	20mm (0.79")	25mm (0.98")	30mm (1.18")	20mm (0.79")	25mm (0.98")
I	13mm (0.51")	15mm (0.60")	17mm (0.67")	17mm (0.67")	17.5mm (0.69")	18.5mm (0.73")
J	10mm (0.39")	12mm (0.47")	14mm (0.55")	16mm (0.63")	12mm (0.47")	14mm (0.55")
L	30mm (1.18")	38mm (1.50")	42mm (1.65")	47mm (1.85")	38mm (1.50")	42mm (1.65")
M	M10 x 3	M10 x 6	M12 x 6	M16 x 6	M10 x 6	M12 x 6
N	136mm (5.35")	170mm (6.70")	217mm (8.54")	256mm (10.08")	165mm (6.50")	220mm (8.66")
S	14mm (0.55")	11mm (0.43")	11mm (0.43")			
最高轉速 Max RPM	8000	7500	6500	5500	600	600
回轉缸最大推力 Max. Axial Force	1750kgf (3850lbf)	2250kgf (4950lbf)	3500kgf (7700lbf)	4750kgf (10450lbf)	2250kgf (4950lbf)	3500kgf (7700lbf)
適用夾頭 Matching Chuck	5" 夾頭	6" 夾頭	8" 夾頭	10" 夾頭	6" 夾頭	8" 夾頭
安裝法蘭 Adapter plate	平背110mm A2-4	平背140mm A2-5	平背170mm A2-6	平背220mm A2-6/A2-8	平背140mm A2-4/A2-5/A2-6	平背170mm A2-6
產品淨重 N. W.	5.5kgs (12.1lbs)	11.0kgs (24.2lbs)	20.0kgs (44.0lbs)	30.5kgs (67.1lbf)	5.5kgs (12.1lbs)	8.0kgs (17.6lbs)

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JPS系列 高速精密膜片夾頭

JPS SERIES HIGH SPEED DIAPHRAGM CHUCK

- ◎ 高精度六爪油壓膜片夾頭
- ◎ 夾頭本體密封，防塵防水防腐。低潤滑低保養需求
- ◎ 夾頭本體無滑動磨損，精度壽命長
- ◎ 適合高精度工件夾持加工
- ◎ 夾持力可以透過油缸出力精密微調
- ◎ 適合薄環件、薄管件、脆弱件夾持加工
- ◎ 搭配數控車床或精密研磨床工作

0.005mm repeatability.

Anti centrifugal force design. Clamping force remains high in high R.P.M.

Integrated dynamic-balancing-weights for fine balance adjustment.

No sliding parts to wear out.

Clamping force/stroke is proportional to actuating force.

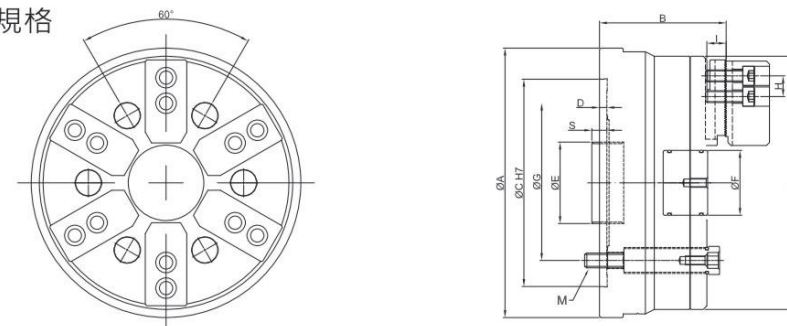
Ideal for fragile parts, or thin-wall parts clamping.



應用範例

- ◎ 軸承薄環件
- ◎ 數位相機零件
- ◎ 氣動手工具組的零件加工
- ◎ 微小引擎的缸套與活塞加工
- ◎ 超薄環形零件，超薄鋁管零件
- ◎ 陶瓷零件加工

產品尺寸及性能規格



型號 Model	JPS-06	JPS-08	JPS-10	JPS-12
A	182	233	267	315
B	86	98	107	107
C(H6)	14	170	220	220
D	5	5	5	5
E	M55XP2.0	M60XP2.0	M85XP2.0	M100XP2.0
F	44	55	83	91
G(P.C.D)	104.8	133.4	171.4	171.4
H	14	20	25	30
I	13	17	17	19
M	M10X6	M12X6	M16X6	M16X6
N	171	220	256	300
S	0-2	0-2	0-2	0-2
最高轉速 Max rpm	7500	6500	5500	3500
最大推力 Max. Axial Force	2250KGF(4950IBF)	3500KGF(7700IBF)	4750KGF(10450IBF)	3500KGF(7700IBF)
適用夾頭 Matching Chuck	5"夾頭 chuck	6"夾頭 chuck	8"夾頭 chuck	10"夾頭 chuck
安裝法蘭 Adapter Plate	平背140mm(A2-5)	平背170mm(A2-6)	平背220mm(A2-8)	平背170mm(A2-8)
產品淨重 N.W.	12KG	20KG	30.5KG	40KG

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> RTS SERIES

回轉氣壓夾盤

ROTARY AIR CHUCK
MOUNTING ADAPTERS ON SHORT
TAPER SPINDLE NOSES DIN 55026

- ◎ 防塵裝置：使用迷宮環設計，工作中鐵屑及切削液不易進入夾盤內部，使夾盤延長使用壽命與精度保持。
- ◎ 內藏式止逆裝置：內藏式止逆閥設計，夾持狀態下不需持續供氣也能保持夾持力，并且大幅降低工作扭矩減少負載。
- ◎ 前置式氣缸：氣缸與夾盤直結設計，確保夾持的穩定性，更便於組裝及操作。
- ◎ 氣缸防銹處理：在潮濕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。

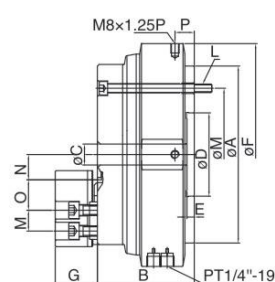
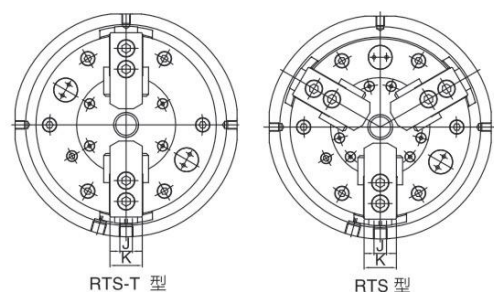


Dust and water proof cover:
Design with Labyrinth Seal Rings, prevent the metal chips and coolant into the internal cylinder to guarantee chuck's performance and service life.

Built in check Valve:
Design with built in Check Valve. It's doesn't need to supply the air continuously and remain low working torque also reduce the air consumption.

Higher Rotation Speed:
Integral pneumatic cylinder:
Connect chuck and built-in cylinder to each other directly; thus enables operation stability. Moreover, it is more convenient for installation and operation since the use of draw tube and draw bar are no longer necessary.

Rustproof treated cylinder:
The cylinder won't get rusty and seized even in wet or high moisture working environment.



使用範例/Operation Example

規格 Spec 型號 Model	A	B	C	D	E	F	G	H	I	J	K	L
RTS-05	140	85	16	60	6	182	33.6	62	14	10	25	6-M8x1.25P
RTS-06	170	93	20	80	7	215	40.4	73	20	12	31	6-M8x1.25P
RTS-08	215	112	30	110	8	255	42.4	95	25	14	35	6-M10x1.5P
RTS-10	255	120	43	140	8	300	46.4	110	30	16	40	6-M10x1.5P
RTS-05T	140	85	16	60	6	182	33.6	62	14	10	25	6-M8x1.25P
RTS-06T	170	93	20	80	7	215	40.4	73	20	12	31	6-M8x1.25P

規格 Spec 型號 Model	M	P	N max	N min	O max	O min	通孔直徑 (mm) Thru-Hole (Diameter)	活塞面積 Piston Area (cm ²)	柱塞行程 (mm) Plunger Stroke	爪行程 (直徑) (mm) Jaw Stroke (Diameter)
RTS-05	PCDØ118	18.5	26.93	24.62	20.05	6.55	16	74	10	4.6
RTS-06	PCDØ147	18.5	36.46	33.69	21.55	15.55	20	120	13	5.5
RTS-08	PCDØ185	19.5	44.92	41.52	29.55	17.55	30	190	16	6.8
RTS-10	PCDØ220	21.5	53.63	49.59	36.55	17.05	43	280	19	8.0
RTS-05T	PCDØ118	18.5	26.93	24.62	20.05	6.55	16	74	10	4.6
RTS-06T	PCDØ147	18.5	36.46	33.69	21.55	15.55	20	120	13	5.5

規格 Spec 型號 Model	淨重 Weight Kg	最高回轉速 Max R.P.M	最大設定壓力 Max. Pressure kgf/cm ²	氣壓夾持力 Gripping Force At Air Pressure 7kgf/cm ² (0.7Mpa) kgf	夾持範圍 Gripping Range (mm)
RTS-05	10	450	7	1340	Ø4-Ø136
RTS-06	16.8	350	7	2330	Ø25-Ø166
RTS-08	30.6	300	7	3730	Ø33-Ø215
RTS-10	45.1	250	7	5480	Ø43-Ø255
RTS-05T	9.7	450	7	1340	Ø4-Ø136
RTS-06T	16.3	350	7	2330	Ø25-Ø166

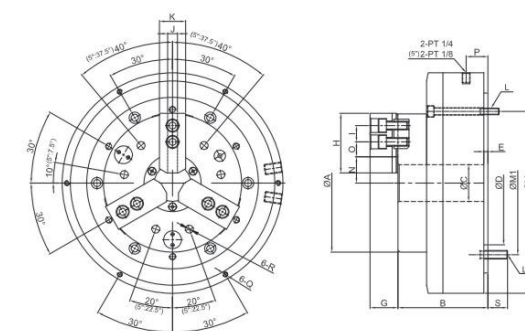
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> HRT SERIES

回轉氣壓卡盤

ROTARY AIR CHUCK
MOUNTING ADAPTERS ON SHORT
TAPER SPINDLE NOSES DIN 55026

- ◎ 高轉速：採用低損耗且耐磨材質，提高回轉速度。
- ◎ 立臥兩用：採用特殊結構設計，立式及臥式機臺皆可使用。
- ◎ 加大氣缸：提高夾持力，防止高速運轉時工件飛散。
- ◎ 內藏式止逆裝置：內藏式止逆閥設計，夾持狀態下不需持續供壓也能保持夾持力。
- ◎ 防塵排水專利結構可以防止工作中鐵屑及切削液進入夾頭內部。
- ◎ High High rotary speed: With low-loss and wear-resistant materials to increase rotation speed.
- ◎ Twin usage for Horizontal or Vertical: Special design for multi-condition in Horizontal or Vertical direction.
- ◎ Enlarged piston: Improve clamping force to prevent workpieces from flying apart during high rotation.
- ◎ Built-in Check Valve: Design with built in check valve, the air-pressure will be lock inside the cylinder, the air-supplying is unnecessary when clamping the workpiece.
- ◎ Patented Dust-proof & Liquiproof structure sealed the cylinder to prevent chips and coolant intrude into chuck.



單位/Unit:mm

型號/Model 規格/Spec	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	最高轉速 Max.Speed r.p.m. (min ⁻¹)	最大設定壓力 Max. Pressure (Mpa) kgf/cm ²	氣壓夾持力 Gripping Force At Air Pressure 7kgf/cm ² (0.7Mpa) kgf / KN	夾持範圍 Gripping Range
HRT-05	26	135.8	11	4.6	3200	7 (0.7)	2500 (24.5)	Φ4-Φ135
HRT-06	38	198.74	15	5.3	3000	7 (0.7)	4500 (44.1)	Φ13-Φ169
HRT-08	52	302.2	16	6.8	2500	7 (0.7)	5600 (55)	Φ16-Φ200

型號/Model 規格/Spec	A	B	C	D	E	F	G	H	I	J	K	L	L1
HRT-05	135	104	26	120	6.5	213	31.6	62	14	10	25	6-M8x1.25P	6-M8x1.25P
HRT-06	169	127	38	160	6.5	255	37.6	73	20	12	31	6-M8x1.25P	6-M10x1.5P
HRT-08	200	136	52	185	8	295	39.5	95	25	14	35	6-M10x1.25P	6-M10x1.5P

型號/Model 規格/Spec	M	M1	N max.	N min.	O max.	O min.	P	Q	R	S
HRT-05	PCD Φ155	PCD Φ137	28.72	26.36	18.55	8.05	36.1	6-M6x1P(PCD Φ92)	6-M6x1P(PCD Φ92)	27
HRT-06	PCD Φ185	PCD Φ180	32.33	29.72	24.05	9.05	44.1	6-M8x1.25P(PCD Φ120)	6-M8x1.25P(PCD Φ120)	31
HRT-08	PCD Φ227	PCD Φ210	41.07	37.72	22.05	11.55	46.6	6-M10x1.5P(PCD Φ155)	6-M10x1.5P(PCD Φ155)	31

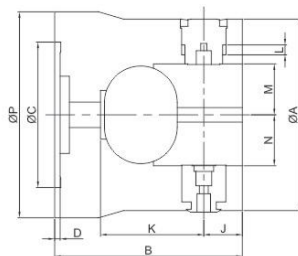
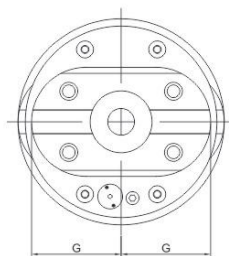
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> IAC SERIES

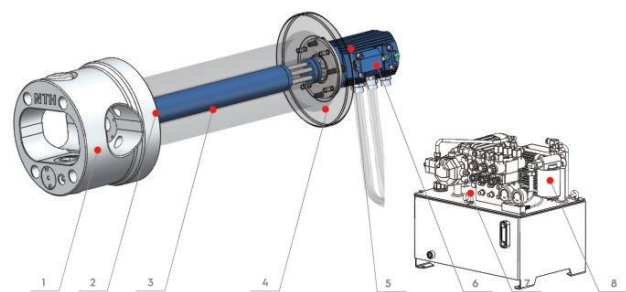
自動分度卡盤

AUTO-INDEXING CHUCK

- ◎ 角度定制：非標角度可以定制
- ◎ 多面加工：同一本體一次裝夾實現8x45° 或6x60° 多個面加工
- ◎ 快速換模：插撥式夾具固定方案，1分鐘內實現夾具更換
- ◎ 浮動靠山：疊加專利技術浮動靠山，定位時伸出，轉位時縮回
- ◎ 高精度：角度分度精度<1' 重複定位<0.01mm
- ◎ Non-standard angles can be customized
- ◎ One time gripping can do multi-face processing by 8x45° or 6x60° turning
- ◎ Plug-in fixture fixing solution, fixture changing can be completed within 1 minute
- ◎ Floating position backer patented, after positioning, the backer will be retracted.
- ◎ Angle indexing accuracy is less than 1', Repeating position accuracy is less than 0.01mm.



系統組成 SYSTEM COMPOSITION



序號	名稱	功能介紹
1	分度卡盤	實現工件的夾持、分度
2	前端法蘭	用以連接主軸鼻頭和分度卡盤
3	可伸縮連接杆	用以連通卡盤及分油器的油路
4	尾端法蘭	用以連接分油器和機床尾端
5	分油器	實現旋轉狀態下油路的分配和供給
6	卡死報警機構	提供卡盤45度以及90度頂杆的到位檢測信號
7	油管總成	用以連通分油器及液壓站的油路
8	液壓站(選配)	給卡盤提供夾持和分度壓力

型號/規格 Spec/Model	ΦA	B	ΦC(h7)	D	G	J	K	M	N	P
IAC-168A/C	168	142	140	3.5	68	35	70	37.9	37.5	190
IAC-203A/C	203	158	140	5	82	36	82	48.3	43.5	216
IAC-225A/C	225	170	170	5	95	37	95	59.3	54.5	240
IAC-256A/C	256	187	220	5	105	42	105	61.5	60	276
IAC-305A/C	305	212	220	5	130	58	130	86	84.5	330
IAC-400A/C	400	278	300	8	175	58	175	118.8	114.5	416
IAC-460A/C	460	308	300	8	205	58	205	137	133	490

型號/規格 Spec/Model	夾緊力 KN	主軸孔徑 mm	最高轉速 rpm	重量 kg	適配主軸 No	最大工件尺寸 mm	夾持行程 mm
IAC-168A/C	10.6	45	3500	15	A2-5	136	9
IAC-203A/C	11.3	45	3000	24	A2-5	164	15.2
IAC-225A/C	11.3	45	2800	30	A2-6	190	15.2
IAC-256A/C	14.5	45	2500	42	A2-8	210	19.1
IAC-305A/C	14.5	45	2200	61	A2-8	260	19.1
IAC-400A/C	31.4	45	1800	120	A2-11	350	30
IAC-460A/C	31.4	45	1500	161	A2-11	410	30

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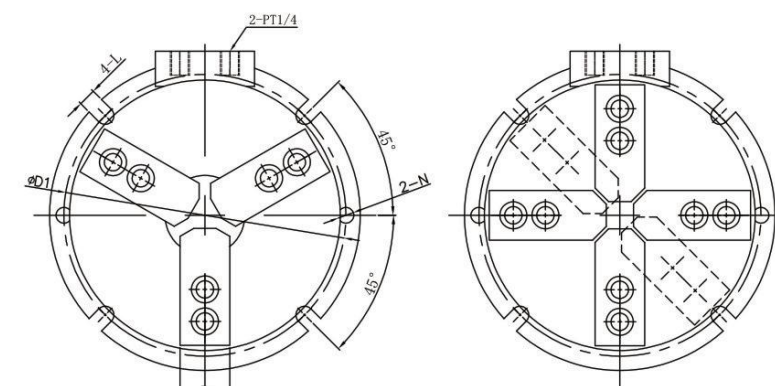
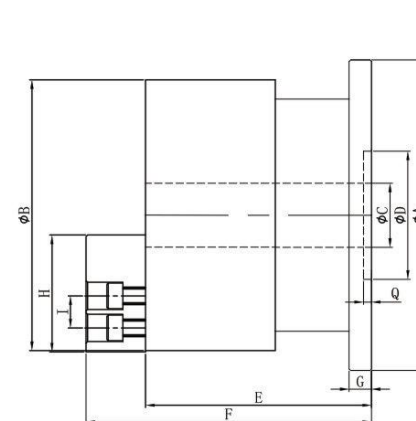
> VH SERIES

中空立式夾頭

STATIONARY CHUCK WITH THROUGH-HOLE



- ◎ 立式中空動力夾頭，適合鑽床，銑床或切削中心機使用。
- ◎ 此規格表為VH3-xx, 如需其他規格，請另行確認。
選擇卡盤與底座不同連接方式及不同爪數的產品時，下單時需按如下方式注明：
一體形式：VH2-XX (二爪)、VH3-XX (三爪)、VH4-XX (四爪)。
分體形式：VH-2XX (二爪)、VH-3XX (三爪)、VH-4XX (四爪)。
- ◎ Vertical hollow power chuck, suitable for drilling, milling, or cutting center machines.
- ◎ This specification table just shows VH3-XX models' data, please confirm with us when you need other models. Please remark the model name with jaw number when order by the rules: For integrated type chuck and base, please write the model name as following. VH2-XX (2 jaw), VH3-XX (3 jaw), VH4-XX (4 jaw). For separable type chuck and base, please write the model name as following. VH-2XX (2 jaw), VH-3XX (3 jaw), VH-4XX (4 jaw).



規格 Spec 型號 Model	活塞面積cm ² Eff. piston area	活塞行程mm piston stroke	爪行程(直徑)mm Jaw stroke(Dia.)	最大夾緊力 KN(kgf) Max. clamping force	最大使用壓力 Mpa(kgf/cm ²) Max. pressure	夾緊範圍mm Chucking Range	重量kg Weight
VH3-05	46.7	10	5.4	35.8(3650)	3.7(37)	7-135	12
VH3-06	60.4	12	5.5	56.8(5800)	3.6(36)	12-168	20
VH3-08	98	16	7.4	85.8(8750)	3.6(36)	15-210	34
VH3-10	128.6	19	8.8	110.7(11300)	3.4(34)	31-254	56
VH3-12	155.3	23	10.6	143.6(14650)	3.6(36)	34-304	80
VH3-15	192.8	23	10.6	183.5(18350)	3.6(36)	50-381	150

* 注：二爪立式夾盤的最大油壓力應為三爪同規格所標最大油壓力的三分之二。
* The maximum oil pressure of the two-claw vertical chuck should be two thirds of the maximum oil pressure of the three claws.

單位：mm

規格 Spec 型號 Model	A	B	C	D (H7)	D1	E	F	G	H	I	Q	L	N (H7)	P
VH3-05	158	135	28	50	140	111	142	12	62	14	5	9	10	25
VH3-06	178	169	40	60	160	138	175	14	73	20	5	11	10	31
VH3-08	210	210	45	80	190	158	196	16	95	25	5	13	10	35
VH3-10	250	254	70	90	230	186	229	18	100	30	6	13	12	40
VH3-12	266	304	82	90	246	200	251	18	130	30	6	13	12	50
VH3-15	400	381	120	130	326	236	302	25	165	43	12.5	22	-	62

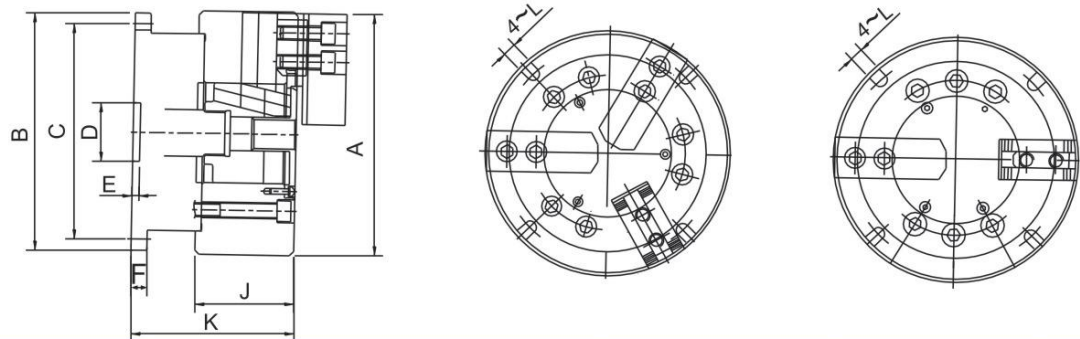
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> VP SERIES

中實立式夾頭

NON-THRU-HOLE STATIONARY 2/3-JAW
POWER CHUCK

- ◎ 立置式中實動力夾頭，適合鑽床、銑床或切削中心機使用，有二爪及三爪兩種形式。
- ◎ VP-200型式所配對之夾頭規格及寸法與TL型式相同。
- ◎ VP-300型式所配對之夾頭規格及寸法與T型式相同。
- ◎ It's STATIONARY CHUCKS with two or three jaws for drilling, milling and other machines.
- ◎ Specification and size of matching chuck for model VP-200 is the same as model TL.
- ◎ Specification and size of matching chuck for model VP-300 is the same as model T.



規格 Spec 型號 Model		活塞面積 Eff.piston area cm ²					爪行程 (直徑) (mm) Jaw stroke			最高使用壓力 Mpa(kgf/cm ²)		重量(kg) Weight	
		押側 Extend		拉側 Retract									
VP-	204	28.0			24.9	6.4				2.1(21)		7.1	
	304									3.1(31.5)	7.9		
VP-	205									2.3(23.3)	10.2		
	305									3.5(35)	10.6		
VP-	206	63.1		53.5	8.5				2.4(24)		18.3		
	306								3.6(36)	19.3			
VP-	208	103.4		90.8	8.8				2.0 (20)		31.6		
	308								3.0(30)	33.6			
VP-	210	153.1		133.5					1.6(16)		52.8		
	310								2.3(23)	54.5			
VP-	212	177		153	10.6				2.0(20)		117		
	312								2.8(28)	119			
VP-	215	292		275	16				2.6(26)		160		
	315								3.1(31)	165			
規格 Spec 型號 Model		A	B	C	D H7	E	F	G	H	J	K	L	M
VP-	204	110	146	130	30	4.5	23		26	52	92	9	PT1/4
	304												
VP-	205	135					12	23		55	95		
	305												
VP-	206	165	178	160	40	5		25		74	125	11	
	306												
VP-	208	210	205	186			14	29		85	140		
	308												
VP-	210	254	248	225	50		17	32	30	89	176	13	
	310												
VP-	212	304	375	340	110		23	37		106	206	18	
	312												
VP-	215	381	400	376	130	10	25	40		114	228	22	
	315												

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> MO MOT SERIES

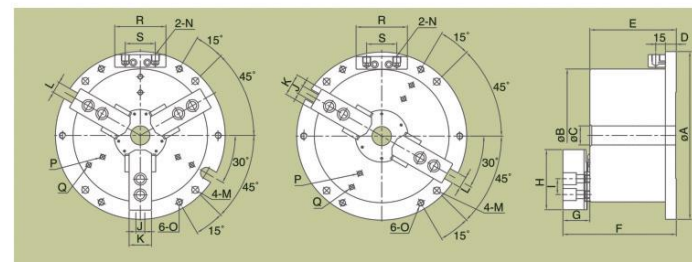
MO MOT內藏式中空(氣)油壓夾頭

BUILT IN CYLINDER POWER CHUCK

L:加長行程 Long stroke

內藏式中空油壓夾頭適用於工作臺面的鑽銑加工作業。

- ◎ 氣缸防銹處理：在潮濕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：在工作臺上的鑽銑工作、切屑及冷卻液不易進入夾頭的內部，確保夾頭的使用壽命及精度。
- ◎ 內藏式油缸特性：把油缸直接裝置於夾頭內部，更能確保連接的穩定性，提升夾持力，適用於重切削及夾持精度的保持，提高加工效率。



應用範例：Operation example

- ◎ 氣壓切換閥連接方式及可選配件
Examples of attaching pneumatic manual switch and optional accessories.



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



連體氣壓手動切換閥
Adherent type hand control valve

型號/Model 規格/Spec.	活塞面積 Piston Area (cm ²)	柱塞行程 Plunger Stroke (mm)	爪行程(直徑) Jaw stroke (Dia.) (mm)	最大靜夾持力 Max. clamping force KN	最大油壓力 Max. oil pressure Kgf/cm ²	空壓夾持力(KN) Gripping force at 0.7MPa	淨重(Kg) N.W	夾持範圍 Gripping Range
MO-04	57	9	3.8	23.5	15	10.8	7.05	9-115
MO-05	74	10	5.4	32.2	20	12.7	11.2	12-135
MO-06	97	12	5.5	49.4	20	19.6	21	15-169
MO-08	156	16	7.4	79.4	20	32.3	36.8	20-210
MO-10	235	19	8.8	119.7	20	47	56.4	33-254
MO-12	292	23	10.6	142.1	20	50	88.5	40-304
ML-08	156	16.5	12	51	20	18	37.6	20-210
MOT-04	57	9	3.8	18.6	12	10.8	6.9	9-115
MOT-05	74	10	5.4	25.6	16	12.7	11.2	12-135
MOT-06	97	12	5.5	39.5	16	19.6	21	15-169
MOT-08	156	16	7.4	63.5	16	32.3	36.8	20-210
MOT-10	235	19	8.8	95.6	16	47	56.4	33-254

型號/Model 規格/Spec.	A	B	C	D	E	F	G	H	I
MO-04	157	115		15	77.5	104	26	49.5	14
MO-05	185	135		15	95	128	33	62	14
MO-06	224	169	25	16	118	158	40	73	20
MO-08	265	210	30	20	138	180	42	95	25
MO-10	315	254	52	23	150	196	46	110	30
MO-12	375	304	80	23	165	219	54	129	30
ML-08	265	210	30	20	138	180	42	95	25
MOT-04	157	115		15	77.5	104	26	49.5	14
MOT-05	185	135		15	95	128	33	62	14
MOT-06	224	169	25	16	118	158	40	73	20
MOT-08	265	210	30	20	138	180	42	95	25
MOT-10	315	254	52	23	150	196	46	110	30

型號/Model 規格/Spec.	J	K	L	M	N	O	P	Q	R	S
MO-04	10	23	13	9(PCD 135)	PT1/8	M8	3-M8(PCD 90)		64	47
MO-05	10	25	13	9(PCD 165)	PT1/4	M8	3-M8(PCD 100)		80	47
MO-06	12	31	18	11(PCD 202)	PT1/4	M10	3-M8(PCD 134)		80	47
MO-08	14	35	18	11(PCD 243)	PT1/4	M10	3-M10(PCD 136)	3-M10(PCD 186)	80	47
MO-10	16	40	18	13(PCD 285)	PT1/4	M12	3-M12(PCD 170)	3-M12(PCD 230)	80	47
MO-12	21	50	18	17(PCD 340)	PT3/8	M16	3-M12(PCD 200)	3-M12(PCD 260)	80	55
ML-08	14	35	18	11(PCD 243)	PT1/4	M10	3-M10(PCD 136)	3-M10(PCD 186)	80	47
MOT-04	10	23	13	9(PCD 135)	PT1/8	M8	2-M8(PCD 90)		64	47
MOT-05	10	25	13	9(PCD 165)	PT1/4	M8	2-M8(PCD 100)		80	47
MOT-06	12	31	18	11(PCD 202)	PT1/4	M10	2-M8(PCD 134)		80	47
MOT-08	14	35	18	11(PCD 243)	PT1/4	M10	2-M10(PCD 136)	2-M10(PCD 186)	80	47
MOT-10	16	40	18	13(PCD 285)	PT1/4	M12	2-M12(PCD 170)	2-M12(PCD 230)	80	47

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