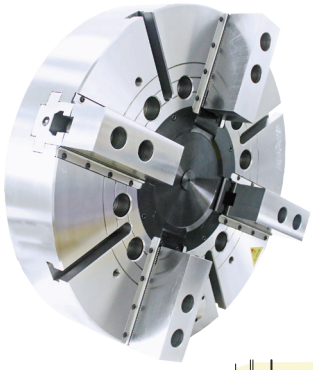
上海昱彦精密机械有限公司 业务技术电话：13681702447 18117518286 QQ232766220

4V-A 立車用中實動力夾頭 (一)

POWER CHUCK FOR VERTICAL LATHE

四爪中實防水防屑型



- 楔形四爪中實夾頭。
- 防切屑及防水設計，特別適合使用於立式車床。
- WEDGE-HOOK type 4-jaw high speed power chuck.
- Sealed against swarf, chips and coolant, suitable for vertical lathe.

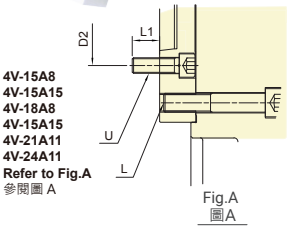
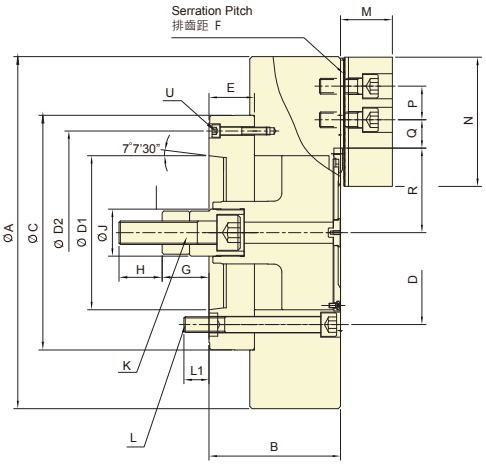
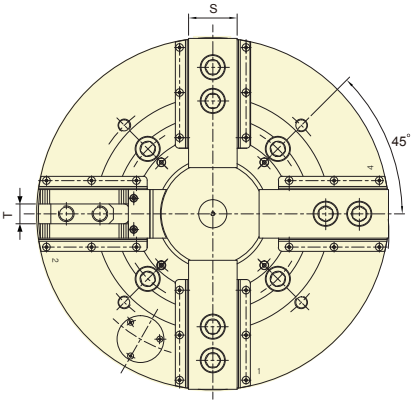


Fig.A
圖A





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

技術規格 SPECIFICATIONS

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. 最大 Max. mm	夾持直徑 Chucking Dia. 最小 Min. mm	容許油壓缸推力 Max. D.B. pull kN (kgf)	最大夾持力 Max. Clamping force kN (kgf)	最高迴轉數 Max. speed min^{-1} (r.p.m.)	I Moment of inertia $kg·m^2$	重量 Weight kg	適用迴轉缸 Matching cyl.	最大使用壓力 Max. pressure MPa (kgf/cm^2)
4V-12	A8	30	12.7	304	48	41(4180)	156(15900)	2520	1.71	78.2	RK-150 RE-150	2.9(29)
4V-15	A8	35	16	381	36	81.9(8360)	245.1(25000)	2300	2.3	131		
4V-15	A11	35	16	381	36	81.9(8360)	245.1(25000)	2300	2.3	130		
4V-15	A15	35	16	381	36	81.9(8360)	245.1(25000)	2300	2.7	139		
4V-18	A8	35	16	450	60	81.9(8360)	245.1(25000)	2600	3.3	171.5		
4V-18	A11	35	16	450	60	81.9(8360)	245.1(25000)	2600	4.6	165		
4V-18	A15	35	16	450	60	81.9(8360)	245.1(25000)	2600	3.7	177.5	RK-200 RE-200K	3.2(32) 3.4(34)
4V-21	A11	35	16	530	62	81.9(8360)	271.6(27700)	1800	5.3	237		
4V-21	A15	35	16	530	62	81.9(8360)	271.6(27700)	1800	5.2	237.8		
4V-24	A11	35	16	610	152	81.9(8360)	271.6(27700)	1700	7.6	285.8		
4V-24	A15	35	16	610	152	81.9(8360)	271.6(27700)	1700	7.3	278.8		
4V-32	A15	35	16	800	152	81.9(8360)	271.6(27700)	880	36.7	480		

外型尺寸 DIMENSIONS

Model		A	B	C	D	D1	D2	E	F	G max.	G min.	H	J	K
4V-12	A8	304	141	220	171.4	139.72	190	40	1.5	73	43	36	50	M20x2.5
4V-15	A8	381	164	300	235	139.72	171.4	54	1.5	99	64	55	60	M30x3.5
4V-15	A11	381	168	300	235	196.87	260	58	1.5	95	60	55	60	M30x3.5
4V-15	A15	381	172	380	235	285.78	330.2	62	1.5	91	56	55	60	M30x3.5
4V-18	A8	450	164	300	235	139.72	171.4	54	1.5	99	64	55	60	M30x3.5
4V-18	A11	450	168	300	235	196.87	260	58	1.5	95	60	55	60	M30x3.5
4V-18	A15	450	172	380	235	285.78	330.2	62	1.5	91	56	55	60	M30x3.5
4V-21	A11	530	167	380	330.2	196.87	235	46	3	91	56	55	60	M30x3.5
4V-21	A15	530	167	380	330.2	285.78	330.2	46	3	91	56	55	60	M30x3.5
4V-24	A11	610	167	380	330.2	196.87	235	46	3	91	56	55	60	M30x3.5
4V-24	A15	610	167	380	330.2	285.78	330.2	46	3	91	56	55	60	M30x3.5
4V-32	A15	800	187	380	330.2	285.78	330.2	46	3	91	56	55	60	M30x3.5

Model		L	L1	M	N	P	Q max.	Q min.	R max.	R min.	S	T	U
4V-12	A8	3~M16	24	42	110	30	51.75	15.75	61.3	54.9	40	16	3~M8
4V-15	A8	6~M20	24	66	165	43	43.75	15.25	87.5	79.4	62	25.5	6~M16
4V-15	A11	6~M20	32	66	165	43	43.75	15.25	87.5	79.4	62	25.5	3~M10
4V-15	A15	6~M20	26	66	165	43	43.75	15.25	87.5	79.4	62	25.5	6~M24
4V-18	A8	6~M20	24	66	165	43	51.22	18.22	108	100	62	25.5	6~M16
4V-18	A11	6~M20	32	66	165	43	51.22	18.22	108	100	62	25.5	3~M10
4V-18	A15	6~M20	26	66	165	43	51.22	18.22	108	100	62	25.5	6~M24
4V-21	A11	6~M24	35	74	180	60	72.5	24.5	89	81	65	25	6~M20
4V-21	A15	6~M24	35	74	180	60	72.5	24.5	89	81	65	25	3~M12
4V-24	A11	6~M24	35	74	180	60	93.5	24.5	128	120	65	25	6~M20
4V-24	A15	6~M24	35	74	180	60	93.5	24.5	128	120	65	25	3~M12
4V-32	A15	6~M24	35	74	180	60	189.5	24.5	128	120	65	25	3~M12

4V-A 立車用中實動力夾頭 (二)

POWER CHUCK FOR VERTICAL LATHE

四爪中實防水防屑型

- 楔形四爪中實夾頭。
- 主爪可單獨手動調整行程，以利工件求心。
- 防切屑及防水設計，特別適合使用於立式車床。
- WEDGE-HOOK type 4-jaw high speed power chuck.
- With manual radial setting of master jaws for the workpiece centering.
- Sealed against swarf, chips and coolant, suitable for vertical lathe.

4V-40 A20
4V-50 A20
4V-63 A20
Refer to Fig.A
參閱圖A

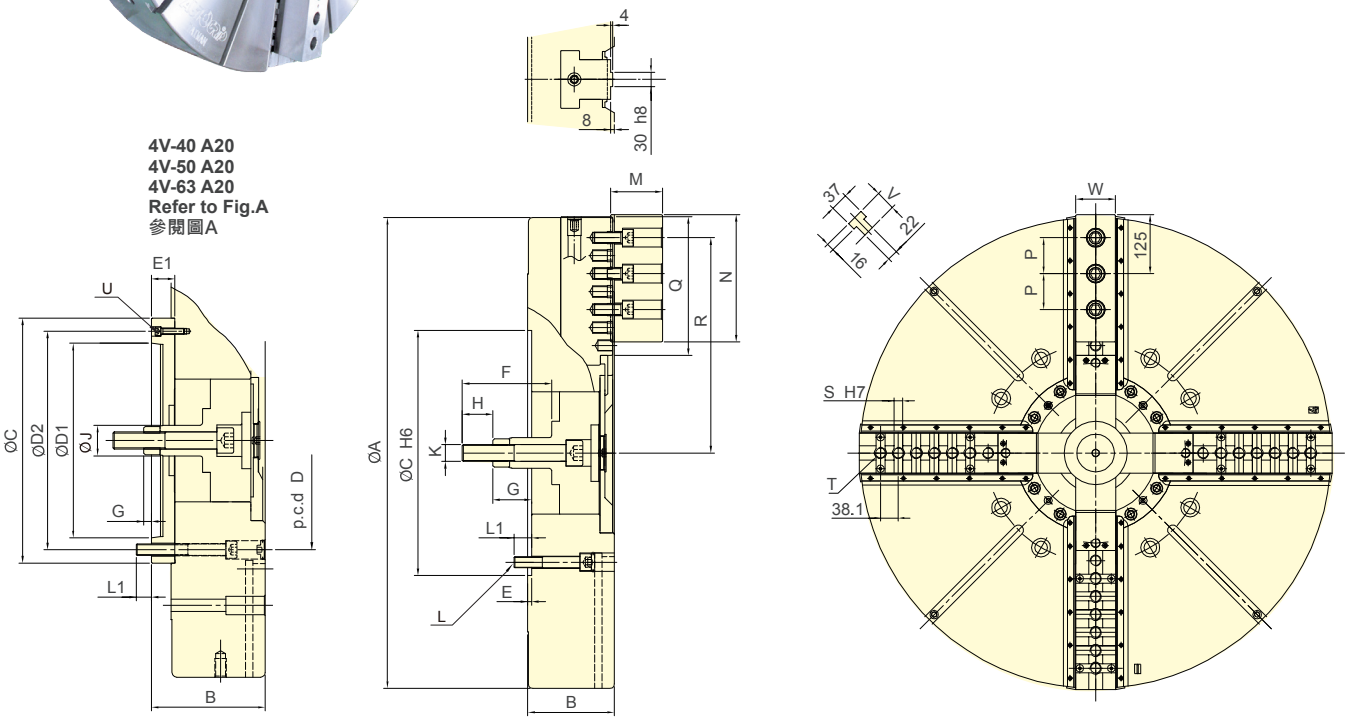


Fig.A
圖A

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

技術規格 SPECIFICATIONS

型號 Model		楔心行程 Plunger stroke	爪行程 (直徑) Jaw stroke (Dia.)	夾持直徑 Chucking Dia. 最大 Max.	夾持直徑 Chucking Dia. 最小 Min.	容許油壓缸推力 Max. D.B. pull	最大夾持力 Max. Clamping force	最高迴轉數 Max. speed	I Moment of inertia		重量 Weight		適用迴轉缸 Matching cyl.	最大使用壓力 Max. pressure
		mm	mm	mm	mm	kN (kgf)	kN (kgf)	min^{-1} (r.p.m.)	$kg·m^2$		kg			MPa (kgf/cm^2)
4V-40	A20	57	46+(60)	1000	380	180(18350)	320(32620)	500	70	94	740	790	RK-250 RE-250 RE-A250 RE-L250	4.2(42)
4V-50	A20	57	46+(60)	1250	600	180(18350)	320(32620)	450	222	224	1130	1180		4.2(42)
4V-63	A20	60	48+(80)	1600	600	200(20390)	360(36700)	340	565		1800			4.6(46)

外型尺寸 DIMENSIONS

Model		A	B		C	D	D1	D2	E	E1	F	G max.		G min.		H	J	K
4V-40	A20	1000	184	226	520	463.6	412.78	463.6	8	50	190	139	89	82	32	65	65	M36x4
4V-50	A20	1250	200	242	520	463.6	412.78	463.6	8	50	190	123	73	66	16	65	65	M36x4
4V-63	A20	1600	240		720	647.6	412.78	463.6	8	50	218	131		71		65	65	M36x4

Model		L	L1	M	N	P	Q	R max.	R min.	S	T	U	V	W
4V-40	A20	M24	37	110	270	76.2	295	457	404	6~19.03	7~M24	3~M12	42	84
4V-50	A20	M24	37	110	270	76.2	416	563	510	9~19.03	9~M24	3~M12	42	84
4V-63	A20	M30	46	110	270	76.2	540	738	674	12~19.03	13~M24	-	42	110

1. 紅色數據為 4V-A 型之寸法 (The dimensions and the specifications of 4V-A type are in red data.)