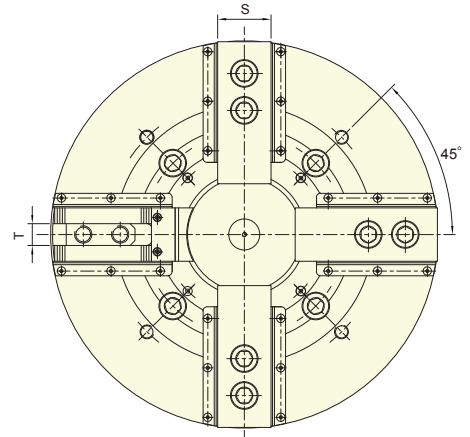
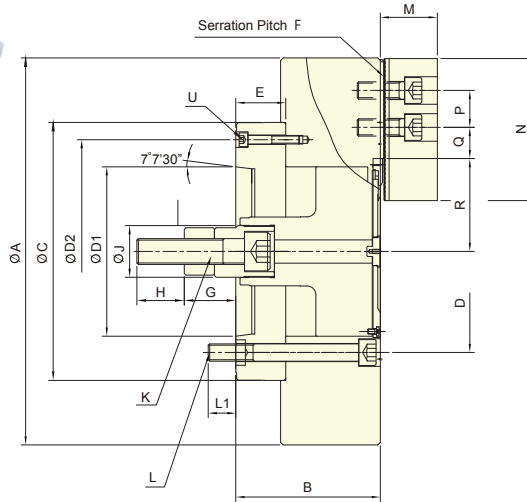
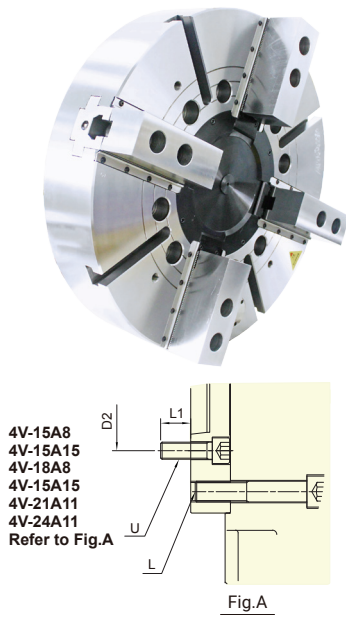


- WEDGE-HOOK type 4-jaw high speed power chuck.
- Sealed against swarf, chips and coolant, suitable for vertical lathe.



Subject to technical changes

### SPECIFICATIONS

Model	Plunger stroke	Jaw stroke (Dia.)	Chucking Dia.		Max. D.B. pull	Max. Clamping force	Max. speed	I	Weight	Matching cyl.	Max. pressure	
			Max.	Min.								
	mm	mm	mm	mm	kN (kgf)	kN (kgf)	min <sup>-1</sup> (r.p.m.)	kg-m <sup>2</sup>	kg		MPa (kgf/cm <sup>2</sup> )	
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	RK-200 RE-200K	3.2(32) 3.4(34)
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		
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		

### DIMENSIONS

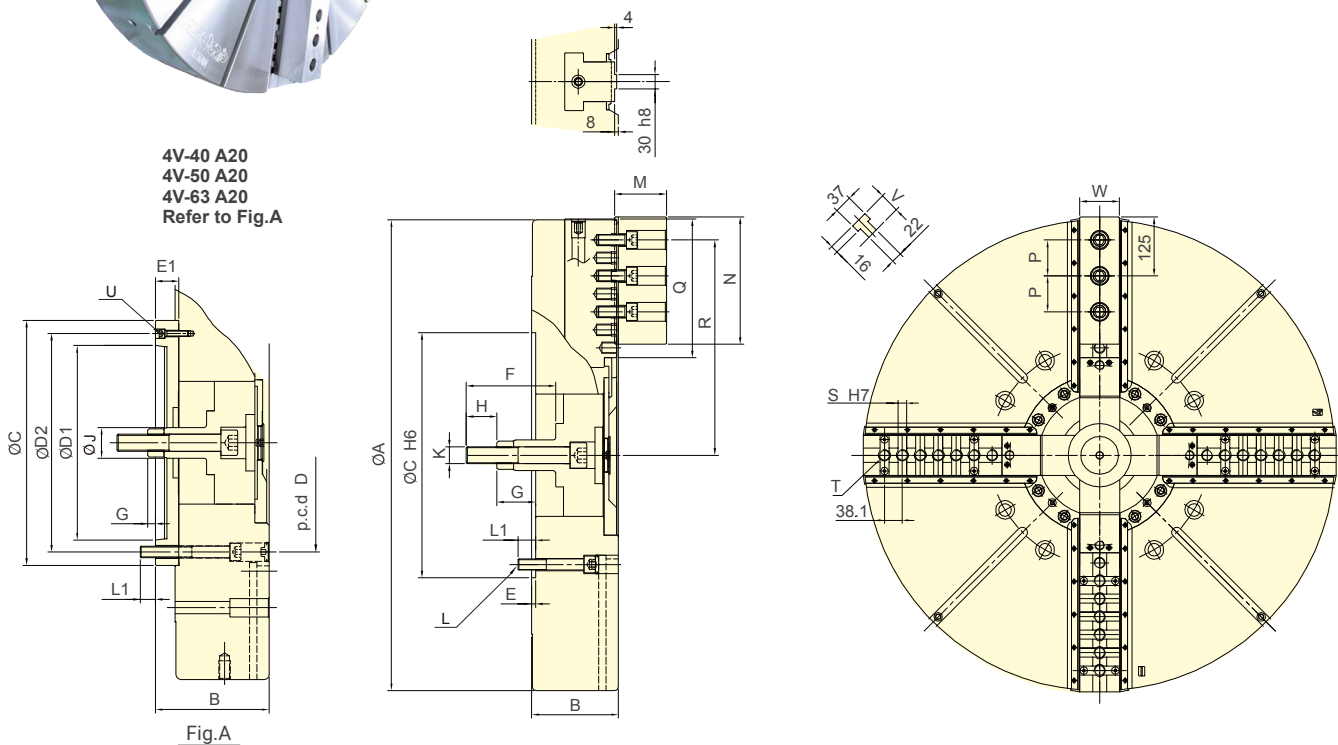
Model	A	B	C	D	D1	D2	E	F	G max.	G min.	H	J	K	
4V-12	A8	304	141	220	171.4	139.72	190	40	1.5	73	43	36	50	M20x2.5
4V-15	A8	381	164	300	235	139.72	171.4	54	1.5	99	64	55	60	M30x3.5
4V-15	A11	381	168	300	235	196.87	260	58	1.5	95	60	55	60	M30x3.5
4V-15	A15	381	172	380	235	285.78	330.2	62	1.5	91	56	55	60	M30x3.5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



- 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



Subject to technical changes

### SPECIFICATIONS

Model	Plunger stroke	Jaw stroke (Dia.)	Chucking Dia.		Max. D.B. pull	Max. Clamping force	Max. speed	I		Weight		Matching cyl.	Max. pressure	
			Max.	Min.				Moment of inertia	kg					
	mm	mm	mm	mm	kN (kgf)	kN (kgf)	min <sup>-1</sup> (r.p.m.)	kg·m <sup>2</sup>	kg			MPa (kgf/cm <sup>2</sup> )		
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)

### 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. The dimensions and the specifications of 4V-A type are in red data.