



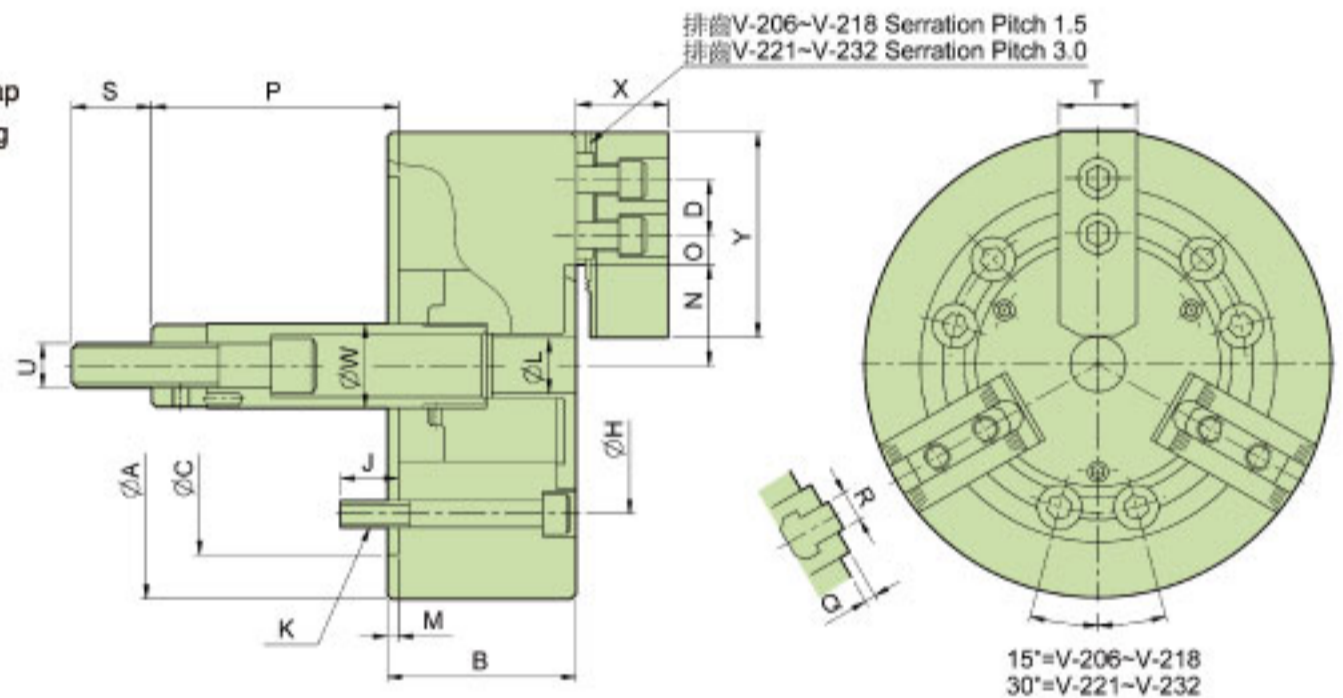
V

SERIES

## SPECIFICATIONS:

## 3-JAW WEDGE TYPE NON THROUGH HOLE POWER CHUCK ( WITHOUT ADAPTOR )

1. High performance: Similar high performance to N series.
2. Chuck mounting screws: Metric or UNC socket head cap screws are supplied for bolting the chuck to the spindle.
3. Alternative spindle adaptors: ASA or DIN adaptors can be supplied to fit machine spindle.



## SPECIFICATIONS:

Model	Jaw Stroke (in dia) (mm)	Plunger Stroke (mm)	Max. Pull Force (kgf)	Max. Gripping Force (kgf)	Max. Operating Pressure (kgf/cm <sup>2</sup> )	Max. Speed (r.p.m.)	Weight (kg)	Moment of Inertia I (kg·m <sup>2</sup> )	Matching Cylinder	Matching Hard Jaw	Matching Soft Jaw	Gripping O.D. Range (mm)
V-206	9.2	20	1835	5353	26.5	5200	12	0.045	MS105C	HJ06	HC06	ø18~ø165
V-208	9.7	21	2549	7648	25.5	4500	23	0.137	MS125C	HJ08	HC08	ø26~ø210
V-210	8.8	25	2957	11013	28.6	4000	34.5	0.3	MS125C	HJ10	HC10	ø26~ø254
V-212	10.5	30	4181	15907	27.5	3300	59.5	0.725	MS150C	HJ12-1	HC12-1	ø26~ø304
V-215	16	35	8362	25391	32.6	3000	101	1.8	MS200C	HJ15-1	HC15-1	ø68~ø381
V-218	16	35	8362	25391	32.6	2700	116	2.9	MS200C	HJ15-1	HC15-1	ø130~ø450
V-221	16	35	8362	27838	32.6	1940	181	6.2	MS200C	HJ24-1	HC24-1	ø65~ø530
V-224	16	35	8362	27838	32.6	1760	216	7	MS200C	HJ24-1	HC24-1	ø152~ø610
V-232	18.6	35	8362	27838	32.6	600	365	27.3	MS200C	HJ24-1	HC32-1	ø100~ø810

## DIMENSIONS:

Model	A	B	C	D	H	J	K	L	M	N max.	O max.	O min.	P max.	P min.	Q	R	S	T	U	W	X	Y
V-206	165	74	140	20	104.78	14	6-M10x70	21	5	38.7	15.25	9.25	104.6	84.6	4	12	36	31	M16x2.0	34	39	73
V-208	210	85	170	25	133.35	20	6-M12x85	25	5	46.85	22.25	11.75	132	111	5	14	36	35	M20x2.5	38	41	95
V-210	254	89	220	30	171.45	23	6-M16x85	34	5	51.1	30.75	11.25	158	133	5	16	36	40	M20x2.5	45	46	110
V-212	304	106	220	30	171.45	23	6-M16x105	34	6	61	48.75	12.75	163	133	5	18	36	50	M20x2.5	50	54	130
V-215	381	114	300	43	235	29	6-M20x115	—	6	77.5	50.25	23.25	104	69	2	25.5	55	50	M30x3.5	60	63	165
V-218	450	114	300	43	235	29	6-M20x115	—	6	108	50.25	23.25	92	57	2	25.5	55	50	M30x3.5	60	63	165
V-221	530	125	380	60	330.2	31	6-M24x115	—	6	86	93.5	24.5	97	62	7.5	25	55	65	M30x3.5	60	76	180
V-224	610	125	380	60	330.2	31	6-M24x115	—	6	125	93.5	24.5	97	62	7.5	25	55	65	M30x3.5	60	76	180
V-232	810	135	380	80	330.2	26	6-M24x115	—	6	104.9	196.5	25.5	74	39	9	25	60	74	M30x3.5	60	97	210



**VA**

**SERIES**

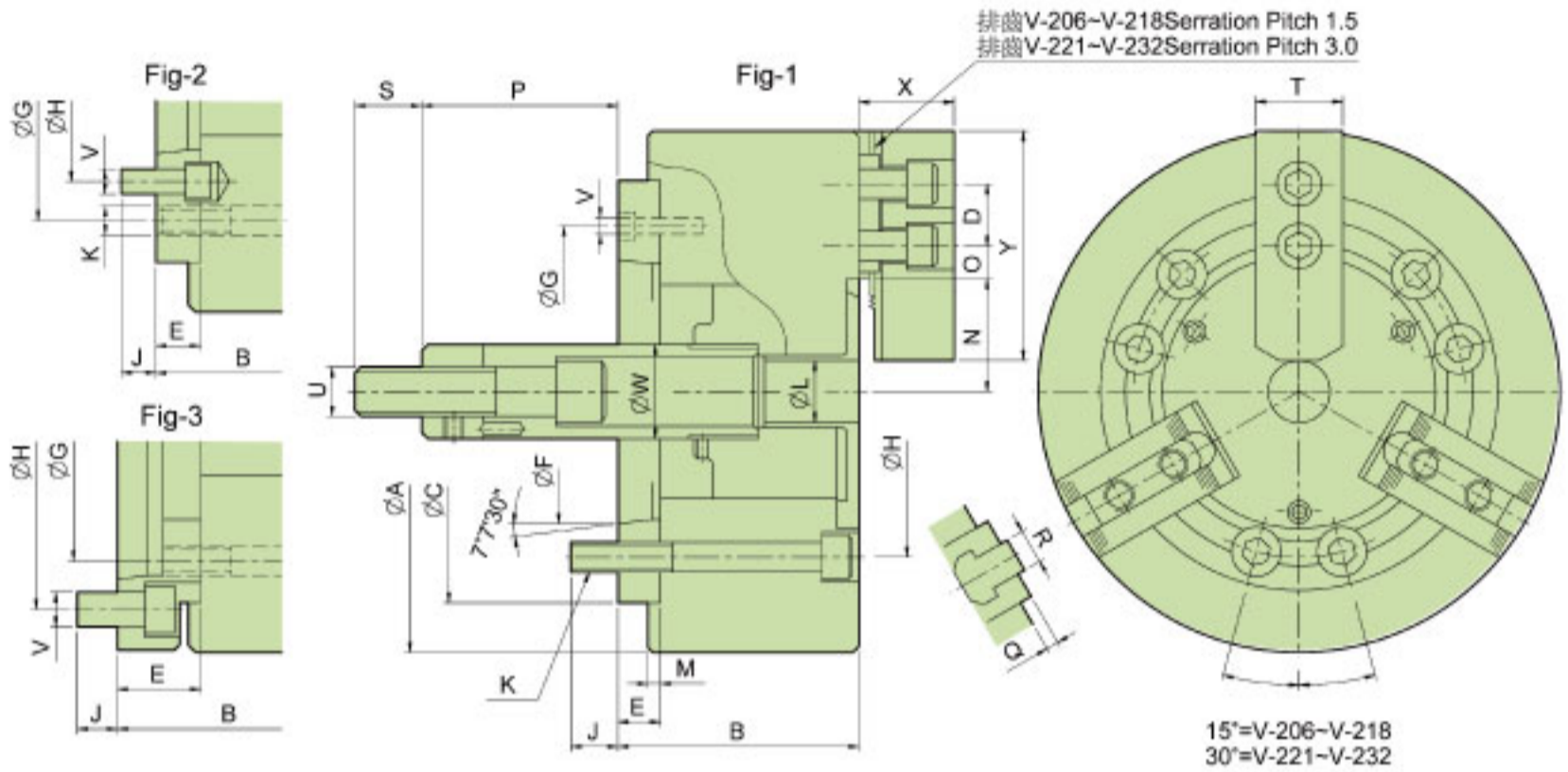
**SPECIFICATIONS:**

**3-JAW WEDGE TYPE NON THROUGH HOLE POWER CHUCK ( WITH ADAPTOR )**

Alternative spindle adaptors:  
ASA or DIN adaptors can be supplied  
to fit machine spindle.

**SPECIFICATIONS:**

Model	Plunger Stroke (mm)	Jaw Stroke (in dia) (mm)	Max. Pull Force (kgf)	Max. Gripping Force (kgf)	Max. Operating Pressure (kgf/cm <sup>2</sup> )	Max. Speed (r.p.m.)	Weight (kg)	Moment of Inertia I (kg·m <sup>2</sup> )	Matching Cylinder	Matching Hard Jaw	Matching Soft Jaw	Gripping O.D. Range (mm)
V-206A5	20	9.2	1835	5253	26.5	5200	13.2	0.05	MS105C	HJ06	HC06	ø18~ 165
V-206A6	20	9.2	1835	5253	26.5	5200	15.8	0.059	MS105C	HJ06	HC06	ø18~ 165
V-208A5	21	9.7	2549	7648	25.5	4500	25.8	0.154	MS125C	HJ08	HC08	ø26~ 210
V-208A6	21	9.7	2549	7648	25.5	4500	25	0.149	MS125C	HJ08	HC08	ø26~ 210
V-208A8	21	9.7	2549	7648	25.5	4500	29.3	0.175	MS125C	HJ08	HC08	ø26~ 210
V-210A6	25	8.8	2957	11013	28.6	4000	40.5	0.35	MS125C	HJ10	HC10	ø26~ 254
V-210A8	25	8.8	2957	11013	28.6	4000	37.5	0.33	MS125C	HJ10	HC10	ø26~ 254
V-210A11	25	8.8	2957	11013	28.6	4000	47.9	0.417	MS125C	HJ10	HC10	ø26~ 254
V-212A6	30	10.5	4181	15907	27.5	3300	65.5	0.796	MS150C	HJ12-1	HC12-1	ø26~ ø 304
V-212A8	30	10.5	4181	15907	27.5	3300	62.5	0.762	MS150C	HJ12-1	HC12-1	ø26~ ø 304
V-212A11	30	10.5	4181	15907	27.5	3300	72.9	0.888	MS150C	HJ12-1	HC12-1	ø26~ ø 304
V-215A8	35	16	8362	25391	32.6	3000	115	2.05	MS200C	HJ15-1	HC15-1	ø68~ ø 381
V-215A11	35	16	8362	25391	32.6	3000	108	1.92	MS200C	HJ15-1	HC15-1	ø68~ ø 381
V-215A15	35	16	8362	25391	32.6	3000	128	2.281	MS200C	HJ15-1	HC15-1	ø68~ ø 381
V-218A8	35	16	8362	25391	32.6	2700	134	3.35	MS200C	HJ15-1	HC15-1	ø130~ø 450
V-218A11	35	16	8362	25391	32.6	2700	122	3.05	MS200C	HJ15-1	HC15-1	ø130~ø 450
V-218A15	35	16	8362	25391	32.6	2700	143	3.575	MS200C	HJ15-1	HC15-1	ø130~ø 450
V-221A11	35	16	8362	27836	32.6	1940	200	6.58	MS200C	HJ24-1	HC24-1	ø 65~ ø 530
V-221A15	35	16	8362	27836	32.6	1940	193	6.37	MS200C	HJ24-1	HC24-1	ø 65~ ø 530
V-224A11	35	16	8362	27836	32.6	1760	239	7.6	MS200C	HJ24-1	HC24-1	ø152~ø 610
V-224A15	35	16	8362	27836	32.6	1760	232	7.38	MS200C	HJ24-1	HC24-1	ø152~ø 610
V-232A11	35	18.6	8362	27836	32.6	600	382	30	MS200C	HJ24-1	HC32-1	ø100~ø 810
V-232A15	35	18.6	8362	27836	32.6	600	375	28	MS200C	HJ24-1	HC32-1	ø100~ø 810



**DIMENSIONS:**

Model	A	B	C	D	E	F	G	H	J	K	L	M	N	O	O	P	P	Q	R	S	T	U	V	W	X	Y	Reference
													max.	max.	min.	max.	min.										
V-206A5	165	84	140	20	15	82.563	116	104.78	14	6-M10	21	5	38.7	15.25	9.25	89.6	69.6	4	12	36	31	M16x2.0	3-M8	34	39	73	Fig1
V-206A6	165	104	140	20	35	106.375	104.78	133.35	16	6-M10	21	5	38.7	15.25	9.25	69.6	49.6	4	12	36	31	M16x2.0	6-M12	34	39	73	Fig3
V-208A5	210	103	170	25	23	82.563	133.35	104.78	13	6-M12	25	5	46.85	22.25	11.75	109	88	5	14	36	35	M20x2.5	6-M10	38	41	95	Fig2
V-208A6	210	97	170	25	17	106.375	150	133.35	18	6-M12	25	5	46.85	22.25	11.75	115	94	5	14	36	35	M20x2.5	3-M6	38	41	95	Fig1
V-208A8	210	120	170	25	40	139.719	133.35	171.45	16	6-M12	25	5	46.85	22.25	11.75	92	71	5	14	36	35	M20x2.5	6-M16	38	41	95	Fig3
V-210A6	254	109	220	30	25	106.375	171.45	133.35	18	6-M16	34	5	51.1	30.75	11.25	133	108	5	16	36	40	M20x2.5	6-M12	45	46	110	Fig2
V-210A8	254	102	220	30	18	139.719	190	171.45	25	6-M16	34	5	51.1	30.75	11.25	140	115	5	16	36	40	M20x2.5	3-M8	45	46	110	Fig1
V-210A11	254	134	220	30	50	196.869	171.45	235	22	6-M16	34	5	51.1	30.75	11.25	108	83	5	16	36	40	M20x2.5	6-M20	45	46	110	Fig3
V-212A6	304	125	220	30	25	106.375	171.45	133.35	18	6-M16	34	6	61	48.75	12.75	138	108	5	18	36	50	M20x2.5	6-M12	50	54	130	Fig2
V-212A8	304	118	220	30	18	139.719	190	171.45	25	6-M16	34	6	61	48.75	12.75	145	115	5	18	36	50	M20x2.5	3-M8	50	54	130	Fig1
V-212A11	304	150	220	30	50	196.869	171.45	235	22	6-M16	34	6	61	48.75	12.75	113	83	5	18	36	50	M20x2.5	6-M20	50	54	130	Fig3
V-215A8	381	141	300	43	33	139.719	235	171.45	24	6-M20	-	6	77.5	50.25	23.25	71	36	2	25.5	55	62	M30x3.5	6-M16	60	63	165	Fig2
V-215A11	381	130	300	43	22	196.869	260	235	28	6-M20	-	6	77.5	50.25	23.25	82	47	2	25.5	55	62	M30x3.5	3-M10	60	63	165	Fig1
V-215A15	381	165	300	43	57	285.775	235	330.2	24	6-M20	-	6	77.5	50.25	23.25	47	12	2	25.5	55	62	M30x3.5	6-M24	60	63	165	Fig3
V-218A8	450	141	300	43	33	139.719	235	171.45	24	6-M20	-	6	108	50.25	23.25	59	24	2	25.5	55	62	M30x3.5	6-M16	60	63	165	Fig2
V-218A11	450	130	300	43	22	196.869	260	235	28	6-M20	-	6	108	50.25	23.25	70	35	2	25.5	55	62	M30x3.5	3-M10	60	63	165	Fig1
V-218A15	450	165	300	43	57	285.775	235	330.2	24	6-M20	-	6	108	50.25	23.25	105	70	2	25.5	55	62	M30x3.5	6-M24	60	63	165	Fig3
V-221A11	530	146	380	60	27	196.869	330.2	235	30	6-M24	-	6	85	93.5	24.5	70	35	8	25	55	65	M30x3.5	6-M20	60	76	180	Fig2
V-221A15	530	146	380	60	27	285.775	330.2	330.2	34	6-M24	-	6	85	93.5	24.5	70	35	8	25	55	65	M30x3.5	3-M12	60	76	180	Fig1
V-224A11	610	146	380	60	27	196.869	330.2	235	30	6-M24	-	6	125	93.5	24.5	70	35	8	25	55	65	M30x3.5	6-M20	60	76	180	Fig2
V-224A15	610	146	380	60	27	285.775	330.2	330.2	34	6-M24	-	6	125	93.5	24.5	70	35	8	25	55	65	M30x3.5	3-M12	60	76	180	Fig1
V-232A11	810	156	380	80	27	196.869	330.2	235	30	6-M24	-	6	104.8	196.5	25.5	47	12	9	25	60	74	M30x3.5	6-M20	60	97	210	Fig2
V-232A15	810	156	380	80	27	285.775	330.2	330.2	33	6-M24	-	6	104.8	196.5	25.5	47	12	9	25	60	74	M30x3.5	3-M12	60	97	210	Fig1