

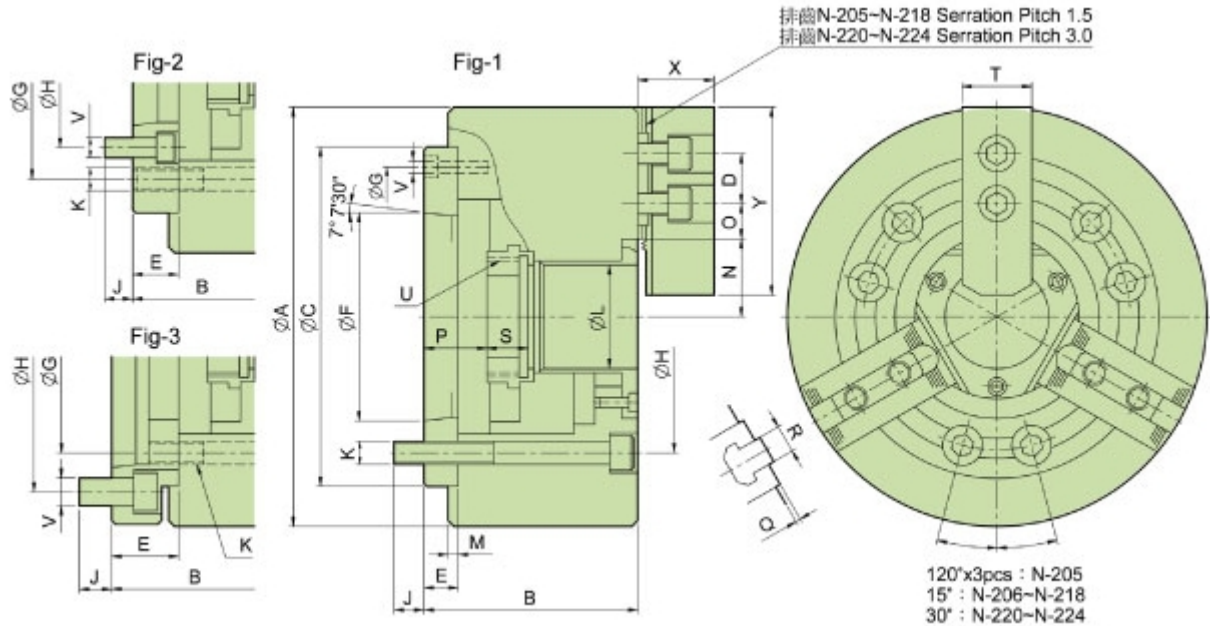
## N-200A series



### SPECIFICATIONS:

#### 3-JAW WEDGE TYPE THROUGH-HOLE POWER CHUCKS (WITH ADAPTOR)

1. More large bore: Having the largest bore in wedge type power operated chucks.
2. Model N-200A chucks are assembled with adaptor for ASA B5.9 type A spindles.



### SPECIFICATIONS:

Model	Through-hole (mm)	Plunger Stroke (mm)	Jaw Stroke (mm)	Max. Draw Bar Pull Force (kgf)	Max. Gripping Force (kgf)	Max. Operating Pressure (kgf/cm <sup>2</sup> )	Max. Speed (r.p.m.)	Weight (kg)	Moment of Inertial I (kg. m <sup>2</sup> )	Matching Cylinder	Matching Hard Jaw	Matching Soft Jaw	Gripping O.D Range (mm)
N-205A4	Ø33	10	5.4	1784	3671	28.5	7000	7.8	0.020	M1036	HJ05	HC05	Ø6~Ø135
N-205A5	Ø33	10	5.4	1784	3671	28.5	7000	9	0.023	M1036	HJ05	HC05	Ø6~Ø135
N-206A5	Ø45	12	5.5	2243	5812	28.5	6000	14.7	0.062	M1246	HJ06	HC06	Ø15~Ø169
N-206A6	Ø45	12	5.5	2243	5812	28.5	6000	17.3	0.073	M1246	HJ06	HC06	Ø15~Ø169
N-208A5	Ø52	16	7.4	3558	9075	26.5	5000	25.8	0.190	M1552	HJ08	HC08	Ø20~Ø210
N-208A6	Ø52	16	7.4	3558	9075	26.5	5000	25	0.184	M1552	HJ08	HC08	Ø20~Ø210
N-208A8	Ø52	16	7.4	3558	9075	26.5	5000	29.3	0.217	M1552	HJ08	HC08	Ø20~Ø210
N-210A6	Ø75	19	8.8	4385	11319	27.5	4200	41	0.370	M1875	HJ10	HC10	Ø25~Ø254
N-210A8	Ø75	19	8.8	4385	11319	27.5	4200	38	0.340	M1875	HJ10	HC10	Ø25~Ø254
N-210A11	Ø75	19	8.8	4385	11319	27.5	4200	48.4	0.436	M1875	HJ10	HC10	Ø25~Ø254
N-212A6	Ø91	23	10.6	5812	14990	27.5	3300	62.5	0.809	M2091	HJ12	HC12	Ø30~Ø304
N-212A8	Ø91	23	10.6	5812	14990	27.5	3300	59.5	0.770	M2091	HJ12	HC12	Ø30~Ø304
N-212A11	Ø91	23	10.6	5812	14990	27.5	3300	69.9	0.912	M2091	HJ12	HC12	Ø30~Ø304
N-215A8	Ø117.5	23	10.6	7240	18355	23.5	2500	125	2.255	M2511	HJ15	HC15	Ø60~Ø381
N-215A11	Ø117.5	23	10.6	7240	18355	23.5	2500	118	2.241	M2511	HJ15	HC15	Ø60~Ø381
N-215A15	Ø117.5	23	10.6	7240	18355	23.5	2500	138	2.822	M2511	HJ15	HC15	Ø60~Ø381
N-218A8	Ø117.5	23	10.6	7240	18355	23.5	2000	178	4.830	M2511	HJ15	HC15	Ø60~Ø450
N-218A11	Ø117.5	23	10.6	7240	18355	23.5	2000	171	4.464	M2511	HJ15	HC15	Ø60~Ø450
N-218A15	Ø117.5	23	10.6	7240	18355	23.5	2000	191	5.183	M2511	HJ15	HC15	Ø60~Ø450
N-220A11	Ø180	23	10.6	9177	23861	30.5	1800	215	7.355	ML2816	HJ24-1	HC24-1	Ø120~Ø510
N-220A15	Ø180	23	10.6	9177	23861	30.5	1800	202	6.910	ML2816	HJ24-1	HC24-1	Ø120~Ø510
N-224A11	Ø205	26	12	9177	23861	30.5	1400	332	18.199	ML3320	HJ24-1	HC24-1	Ø150~Ø610
N-224A15	Ø205	26	12	9177	23861	30.5	1400	317	17.376	ML3320	HJ24-1	HC24-1	Ø150~Ø610
N-224A20	Ø205	26	12	9177	23861	30.5	1400	286	15.677	ML3320	HJ24-1	HC24-1	Ø150~Ø610

**DIMENSIONS:**

Model	A	B	C	D	E	F	G	H	J	K	L	M	N max.	O max.	O min.	P max.	P min.	Q	R	S	T	U max.	V	W	X	Y	Re-ference
N-205A4	135	71	110	14	15	65.5	13	82.55	15.5	3-M10	33	4	26.5	19.75	7.75	16	6	2	10	20	25	M40x1.5	3-M6	45	31	54	Fig-1
N-205A5	135	88	110	14	32	82.5	63	104.78	14	3-M10	33	4	26.5	19.75	7.75	33	23	2	10	20	25	M40x1.5	6-M10	45	31	54	Fig-3
N-206A5	169	91	140	20	15	82.5	63	104.78	16	6-M10	45	5	32	22.75	9.25	26	14	2	12	19	31	M55x2	3-M6	60	37	73	Fig-1
N-206A6	169	111	140	20	35	106.3	75	104.78	16	6-M10	45	5	32	22.75	9.25	46	34	2	12	19	31	M55x2	6-M12	60	37	73	Fig-3
N-208A5	210	109	170	25	23	82.5	63	104.78	13	6-M12	52	5	38.7	29.75	14.75	37.5	21.5	2	14	20.5	35	M60x2	6-M10	66	38	95	Fig-2
N-208A6	210	103	170	25	17	106.3	75	104.78	18	6-M12	52	5	38.7	29.75	14.75	31.5	15.5	2	14	20.5	35	M60x2	3-M6	66	38	95	Fig-1
N-208A8	210	126	170	25	40	139.7	119	171.45	16	6-M12	52	5	38.7	29.75	14.75	54.5	38.5	2	14	20.5	35	M60x2	6-M16	66	38	95	Fig-3
N-210A6	254	120	220	30	25	106.3	75	171.45	18	6-M16	75	5	51	33.75	14.25	33.5	14.5	2	16	25	40	M85x2	6-M12	94	43	110	Fig-2
N-210A8	254	113	220	30	18	139.7	119	171.45	24	6-M16	75	5	51	33.75	14.25	26.5	7.5	2	16	25	40	M85x2	3-M8	94	43	110	Fig-1
N-210A11	254	145	220	30	50	196.8	169	171.45	22	6-M16	75	5	51	33.75	14.25	58.5	39.5	2	16	25	40	M85x2	6-M20	94	43	110	Fig-3
N-212A6	304	129	220	30	25	106.3	75	171.45	18	6-M16	91	6	61.3	45.75	15.75	33	10	2	21	28	50	M100x2	6-M12	108	51	130	Fig-2
N-212A8	304	122	220	30	18	139.7	119	171.45	25	6-M16	91	6	61.3	45.75	15.75	26	3	2	21	28	50	M100x2	3-M8	108	51	130	Fig-1
N-212A11	304	154	220	30	50	196.8	169	171.45	22	6-M16	91	6	61.3	45.75	15.75	58	35	2	21	28	50	M100x2	6-M20	108	51	130	Fig-3
N-215A8	381	160	300	43	33	139.7	119	235	24	6-M20	117.5	6	82	45.25	16.75	40	17	5	22	43	62	M130x2	6-M16	139	66	165	Fig-2
N-215A11	381	149	300	43	22	196.8	169	235	28	6-M20	117.5	6	82	45.25	16.75	29	6	5	22	43	62	M130x2	3-M10	139	66	165	Fig-1
N-215A15	381	184	300	43	57	285.7	235	330.2	24	6-M20	117.5	6	82	45.25	16.75	64	41	5	22	43	62	M130x2	6-M24	139	66	165	Fig-3
N-218A8	450	160	300	43	33	139.7	119	235	24	6-M20	117.5	6	82	79.75	16.75	40	6	5	22	43	62	M130x2	6-M16	139	66	165	Fig-2
N-218A11	450	149	300	43	22	196.8	169	235	28	6-M20	117.5	6	82	79.75	16.75	29	6	5	22	43	62	M130x2	3-M10	139	66	165	Fig-1
N-218A15	450	184	300	43	57	285.7	235	330.2	24	6-M20	117.5	6	82	79.75	16.75	64	41	5	22	43	62	M130x2	6-M24	139	66	165	Fig-3
N-220A11	510	169	380	60	41	196.8	169	330.2	30	6-M24	180	6	112.5	69	23	52	29	5	25	38	65	M190x2	6-M20	206	73	180	Fig-2
N-220A15	510	155	380	60	27	285.7	235	330.2	33	6-M24	180	6	112.5	69	23	38	15	5	25	38	65	M190x2	3-M12	206	73	180	Fig-1
N-224A11	610	186	520	60	45	196.8	169	463.6	28	6-M24	205	6	139.9	87.5	24.5	61	35	5	25	38	65	M215x3	6-M20	230	73	180	Fig-2
N-224A15	610	183	520	60	42	285.7	235	463.6	33	6-M24	205	6	139.9	87.5	24.5	58	32	5	25	38	65	M215x3	6-M24	230	73	180	Fig-2
N-224A20	610	166	520	60	25	412.7	235	463.6	35	6-M24	205	6	139.9	87.5	24.5	41	15	5	25	38	65	M215x3	3-M10	230	73	180	Fig-1