



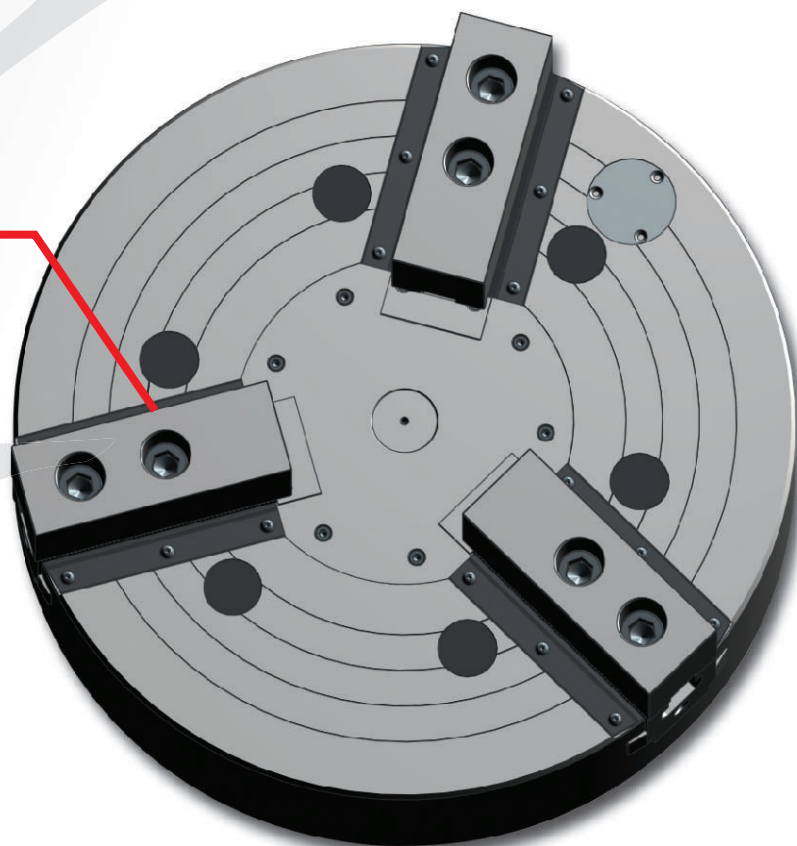
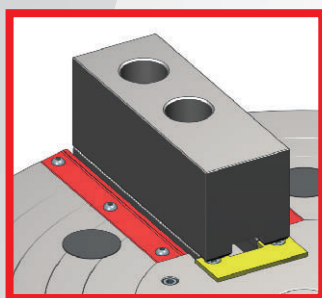
CHUCK

Large Power Chuck for Vertical Lathes

NV series



Low maintenance Power Chuck for Vertical Lathes
Sealed Base Jaw to prevent Swarf and Coolant ingress



Features

■ Protection against Swarf and Coolant

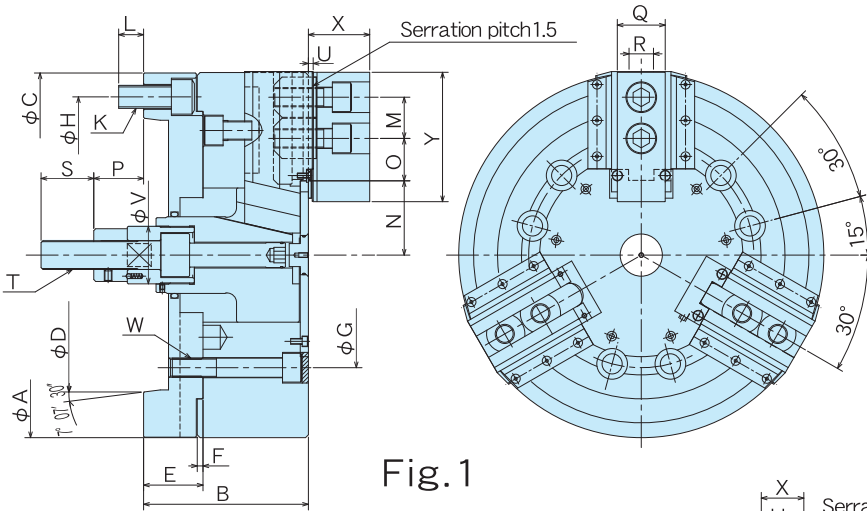
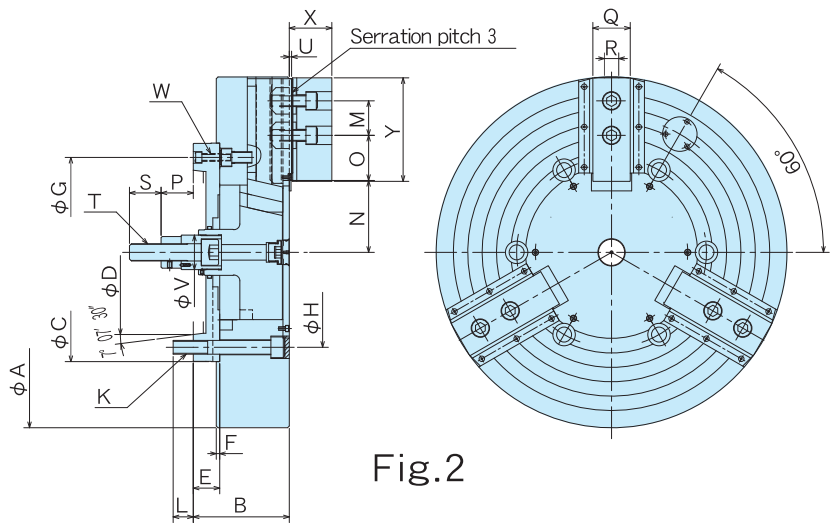
Protector and Scraper at Base Jaw prevent Swarf and Coolant ingress.

■ Standard Jaw

NV series is compatible with standard Hard and Soft Jaws as sealing is at the Base Jaw.

Specifications

Model	Gripping range mm		Jaw Stroke (diameter) mm	Plunger Stroke mm	Max. Draw Bar Pull Force kN (kgf)	Max. Gripping Force kN (kgf)	Max. Speed min ⁻¹	Net Weight with Soft top jaws kg	Moment of inertia kg·m ²	Matching Cylinder	Max. pressure MPa (kgf/cm ²)	Matching Soft top jaw	Spindle nose size
	Max.	Min.											
NV15	381	72	16	35	82 (8362)	247 (25187)	2900	133	2.580	Y2035R	3.2 (32.6)	SB15N1	A ₂ -15
NV18	450	133	16	35	82 (8362)	247 (25187)	2600	169	3.190	Y2035R	3.2 (32.6)	SB15N1	A ₂ -15
NV21	530	62	16	35	82 (8362)	272 (27736)	1800	210	5.450	Y2035R	3.2 (32.6)	SB18A2	A ₂ -15
NV24	610	152	16	35	82 (8362)	272 (27736)	1700	253	7.575	Y2035R	3.2 (32.6)	SB18A2	A ₂ -15
NV28	700	152	16	35	82 (8362)	272 (27736)	1200	400	22.000	Y2035R	3.2 (32.6)	SB18A2	A ₂ -15
NV32	800	152	16	35	82 (8362)	272 (27736)	1100	420	34.400	Y2035R	3.2 (32.6)	SB18A2	A ₂ -15
NV36	914	152	16	35	82 (8362)	272 (27736)	1000	580	59.300	Y2035R	3.2 (32.6)	SB18A2	A ₂ -15
NV40	1000	152	16	35	82 (8362)	272 (27736)	800	710	82.800	Y2035R	3.2 (32.6)	SB18A2	A ₂ -15


Fig. 1

Fig. 2

Dimensions

※NV15&18 are based on Fig.1. NV21~40 are based on Fig.2.

Model	A	B	C	D	E	F	G	H	J	K	L	M	N _{max.}	N _{min.}	O _{max.}	O _{min.}	P _{max.}	P _{min.}	Q	R	S	T	U	V	W	X	Y
NV15	381	172	380	285.775	62	6	235.0	330.2	—	6-M24	26	43	77.5	69.5	48.75	23.25	91	56	50	25.5	55	M30	5	60	6-M20	64	135
NV18	450	172	380	285.775	62	6	235.0	330.2	—	6-M24	26	43	108.0	100.0	48.75	23.25	91	56	50	25.5	55	M30	5	60	6-M20	64	135
NV21	530	167	380	285.775	46	6	330.2	330.2	—	6-M24	35	60	86.0	78.0	93.50	27.50	91	56	65	25.0	55	M30	6	60	3-M12	74	180
NV24	610	167	380	285.775	46	6	330.2	330.2	—	6-M24	35	60	125.0	117.0	93.50	27.50	91	56	65	25.0	55	M30	6	60	3-M12	74	180
NV28	700	167	380	285.775	46	6	330.2	330.2	—	6-M24	35	60	125.0	117.0	141.50	27.50	91	56	65	25.0	55	M30	6	60	3-M12	74	180
NV32	800	167	380	285.775	46	6	330.2	330.2	—	6-M24	35	60	125.0	117.0	189.50	27.50	91	56	65	25.0	55	M30	6	60	3-M12	74	180
NV36	914	167	380	285.775	46	6	330.2	330.2	—	6-M24	35	60	125.0	117.0	249.50	27.50	91	56	65	25.0	55	M30	6	60	3-M12	74	180
NV40	1000	167	380	285.775	46	6	330.2	330.2	—	6-M24	35	60	125.0	117.0	282.50	27.50	91	56	65	25.0	55	M30	6	60	3-M12	74	180

KITAGAWA

Machine Tool Accessories <http://www.mta.kiw.co.jp/>

KITAGAWA IRON WORKS CO., LTD.

77-1 Motomachi, Fuchu-shi, Hiroshima-pref. 726-8610, Japan

TEL +81 847-40-0526 FAX +81 847-45-8911

- Specifications and outside appearance are subject to change without notice due to ongoing research and development.
- The color of the actual product may be different from the catalogue's due to printing matters.
- Catalogue contents as of 2009.9
- The products herein are controlled under Japanese Foreign Exchange and Foreign Trade Control Act. In the event of importing and/or exporting the products, you are obliged to consult KITAGAWA as well as your government for the related regulation prior to any transaction.