

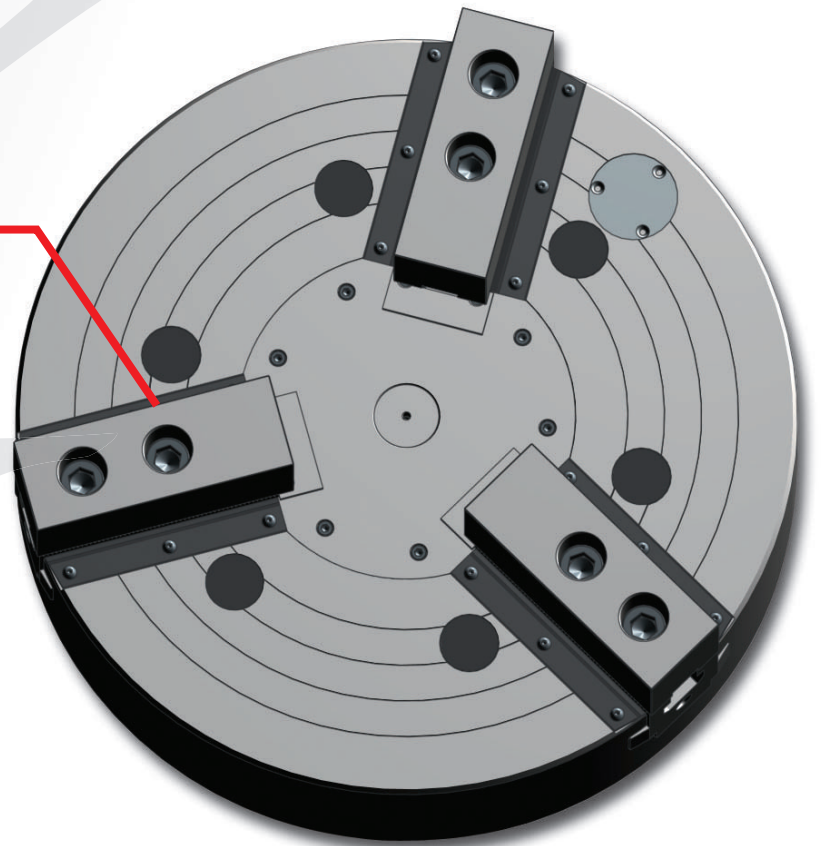
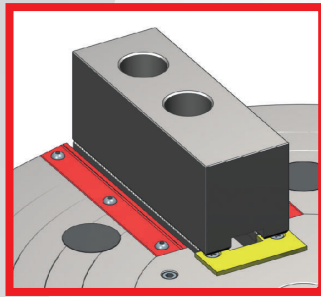
**CHUCK**

Large Power Chuck for Vertical Lathe

NV series



Notrouted Power Chuck with sealing for Vertical Lathe Swarf and Coolant proof designed



Feature

■ Protection against Swarf and Coolant

Protector and Scraper prevent the swarf and coolant coming in the Chuck inside. Groove is designed on the Back Plate just in case.

■ Standard Jaw

Standard Jaw is available to use by Scraper is fitted on the Body side. No special Jaw is required.

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 | A2 – 15 |
| NV18 | 450 | 133 | 16 | 35 | 82 (8362) | 247 (25187) | 2600 | 169 | 3.190 | Y2035R | 3.2 (32.6) | SB15N1 | A2 – 15 |
| NV21 | 530 | 62 | 16 | 35 | 82 (8362) | 272 (27736) | 1800 | 210 | 5.450 | Y2035R | 3.2 (32.6) | SB18A2 | A2 – 15 |
| NV24 | 610 | 152 | 16 | 35 | 82 (8362) | 272 (27736) | 1700 | 253 | 7.575 | Y2035R | 3.2 (32.6) | SB18A2 | A2 – 15 |
| NV28 | 700 | 152 | 16 | 35 | 82 (8362) | 272 (27736) | 1200 | 400 | 22.000 | Y2035R | 3.2 (32.6) | SB18A2 | A2 – 15 |
| NV32 | 800 | 152 | 16 | 35 | 82 (8362) | 272 (27736) | 1100 | 420 | 34.400 | Y2035R | 3.2 (32.6) | SB18A2 | A2 – 15 |
| NV36 | 914 | 152 | 16 | 35 | 82 (8362) | 272 (27736) | 1000 | 580 | 59.300 | Y2035R | 3.2 (32.6) | SB18A2 | A2 – 15 |
| NV40 | 1000 | 152 | 16 | 35 | 82 (8362) | 272 (27736) | 800 | 710 | 82.800 | Y2035R | 3.2 (32.6) | SB18A2 | A2 – 15 |

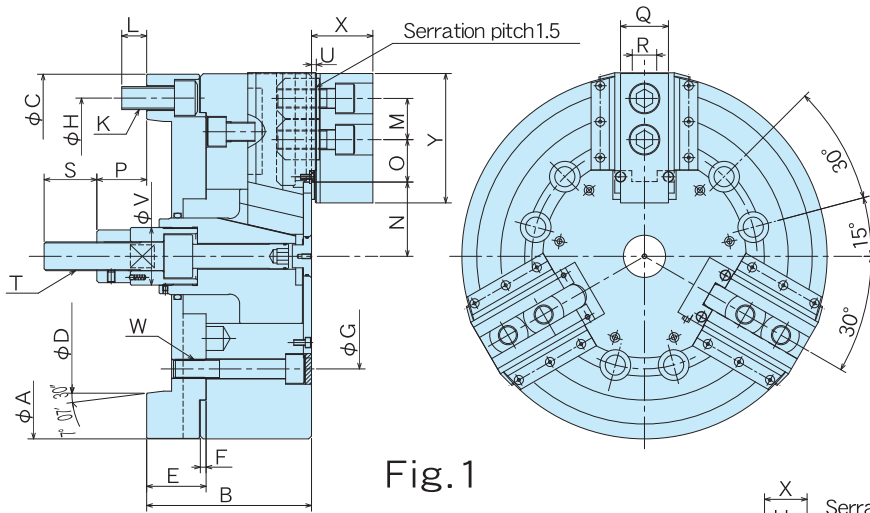


Fig. 1

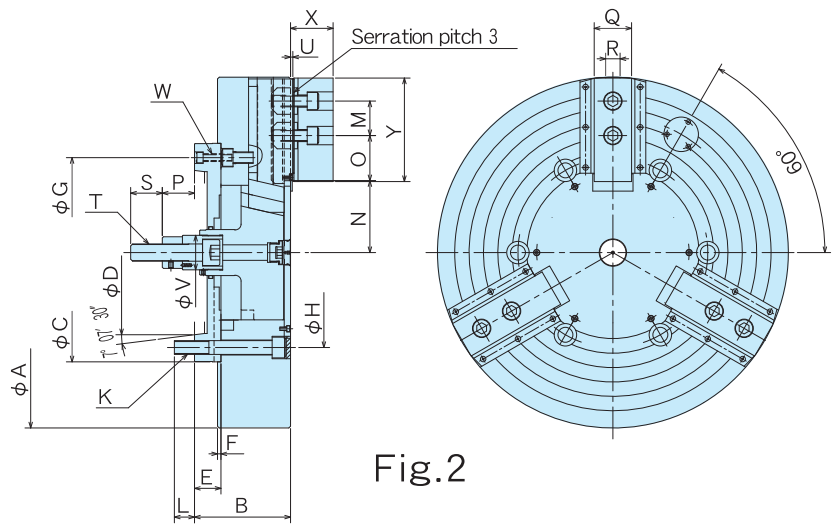


Fig. 2

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 |

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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

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