



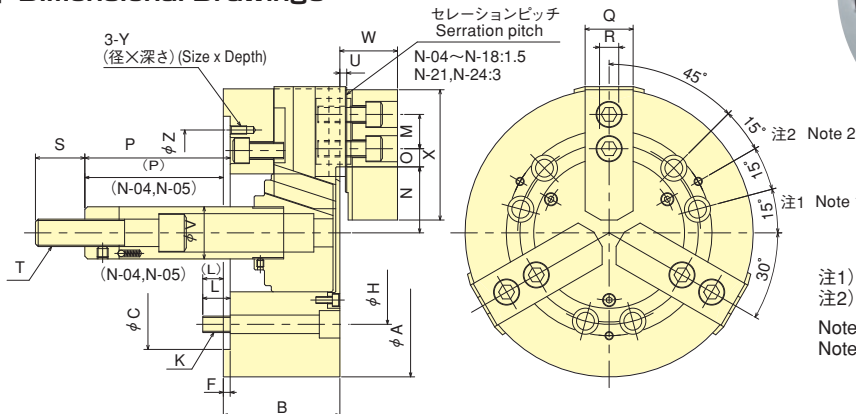
**CHUCK**

# 中実パワーチャック Closed Centre Power Chuck N series

## 中実のスタンダードチャック The standard Closed Centre chuck

\*CE対応品 \*CE correspondence

### ■ 寸法図 Dimensional Drawings



スタンダードチャック  
Standard Chuck

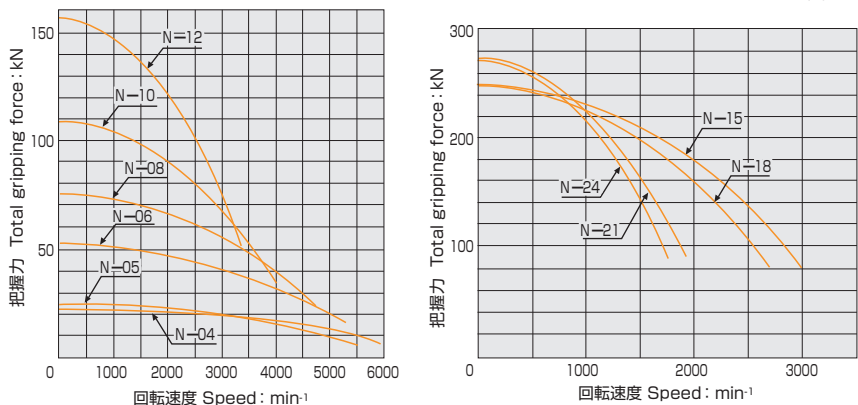
注1 Note 1  
注2 Note 2

注1) N-21, 24の場合 : 0°  
注2) N-21, 24の場合 : 60°

Note 1) N-21, 24 : 0°  
Note 2) N-21, 24 : 60°

### 把握力性能曲線 Gripping Characteristic Graphs

\*線は標準ソフトジョーを用いた場合のもので。 \*With standard blank soft top jaw.



### ■ 寸法表 Dimensions

\*N-04, 05の取付 120.ピッチー3本 \*N-21, 24の取付 60.ピッチー6本  
\*Mounting bolt P. C. D. for N-04 & N-05 : 120° pitch : 3 pcs. \*Mounting bolt P. C. D. for N-21 & N-24 : 60° pitch : 6 pcs.

| 寸法<br>Dimensions<br>型式<br>Model | A   | B   | C<br>(H6) | F | H     | K     | L  | M  | N<br>max. | N<br>min. | O<br>max. | O<br>min. | P<br>max. | P<br>min. | Q  | R    | S  | T   | U | V  | W  | X   | Y      | Z     |
|---------------------------------|-----|-----|-----------|---|-------|-------|----|----|-----------|-----------|-----------|-----------|-----------|-----------|----|------|----|-----|---|----|----|-----|--------|-------|
| N-04                            | 110 | 52  | 60        | 6 | 80    | 3-M8  | 12 | 14 | 233       | 20.1      | 11.25     | 8.25      | 18        | 3         | 23 | 10   | 25 | M10 | 3 | 26 | 27 | 55  | -      | -     |
| N-05                            | 135 | 55  | 80        | 7 | 100   | 3-M8  | 14 | 19 | 304       | 27.2      | 11.25     | 6.75      | 9         | -6        | 23 | 10   | 35 | M12 | 3 | 28 | 29 | 62  | -      | -     |
| N-06                            | 165 | 74  | 140       | 5 | 104.8 | 6-M10 | 14 | 20 | 378       | 33.55     | 13.75     | 7.75      | 101.5     | 81.5      | 31 | 12   | 36 | M16 | 4 | 34 | 35 | 72  | M6x10  | 116   |
| N-08                            | 210 | 85  | 170       | 5 | 133.4 | 6-M12 | 20 | 25 | 463       | 41.9      | 22.25     | 11.75     | 127       | 106       | 35 | 14   | 36 | M20 | 5 | 38 | 42 | 95  | M6x12  | 150   |
| N-10                            | 254 | 89  | 220       | 5 | 171.4 | 6-M16 | 18 | 30 | 51.1      | 46.7      | 30.75     | 11.25     | 158       | 133       | 40 | 16   | 36 | M20 | 5 | 45 | 46 | 110 | M8x15  | 190   |
| N-12                            | 304 | 106 | 220       | 6 | 171.4 | 6-M16 | 18 | 30 | 61        | 55.75     | 48.75     | 12.75     | 163       | 133       | 50 | 18   | 36 | M20 | 5 | 50 | 54 | 129 | M8x15  | 190   |
| N-15                            | 381 | 114 | 300       | 6 | 235   | 6-M20 | 30 | 43 | 77.5      | 69.5      | 48.75     | 23.25     | 104       | 69        | 50 | 25.5 | 55 | M30 | 2 | 60 | 61 | 135 | M10x20 | 260   |
| N-18                            | 450 | 114 | 300       | 6 | 235   | 6-M20 | 30 | 43 | 108       | 100       | 48.75     | 23.25     | 92        | 57        | 50 | 25.5 | 55 | M30 | 2 | 60 | 61 | 135 | M10x20 | 260   |
| N-21                            | 530 | 125 | 380       | 6 | 330.2 | 6-M22 | 31 | 60 | 86        | 78        | 93.5      | 27.5      | 97        | 62        | 65 | 25   | 55 | M30 | 3 | 60 | 71 | 180 | M12x30 | 330.2 |
| N-24                            | 610 | 125 | 380       | 6 | 330.2 | 6-M22 | 31 | 60 | 125       | 117       | 93.5      | 27.5      | 97        | 62        | 65 | 25   | 55 | M30 | 3 | 60 | 71 | 180 | M12x30 | 330.2 |

### ■ 仕様表 Specifications

\*許容最高回転速度は、実測値によります \*N-24より大型については問い合わせ下さい。  
\*Max. speed is shown using actual test data. \*For large type more than N-24, confer with KITAGAWA.  
\*把握径/把握範囲は標準のソフトジョーを使用した場合。 \*Gripping dia./gripping range is with standard soft jaws.

| 仕様<br>Specifications<br>型式<br>Model | 把握径 Gripping range |      | ジョーストローク(直径)<br>Jaw Stroke (diameter)<br>mm | プランジャストローク<br>Plunger Stroke<br>mm | 許容最大入力<br>Max. Draw Bar Pull Force<br>kN | 最大静的把握力<br>Max. Gripping Force<br>kN | 許容最高回転速度<br>Max. Speed<br>min <sup>-1</sup> | 重量(標準ソフトジョー)<br>Net Weight with Soft top jaws<br>kg | 慣性モーメント<br>Moment of inertia<br>kg·m <sup>2</sup> | 適合シリンダ Matching Cylinder |         | 許容最大油圧<br>Max. pressure<br>MPa | 適合ハードジョー Matching Hard top jaw |                                | 標準ソフトジョー Matching Soft top jaw |  |
|-------------------------------------|--------------------|------|---|------------------------------------|--|--------------------------------------|---|---|---|--------------------------|---------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--|
|                                     | Max.               | Min. |   |                                    |  |                                      |   |   |   | 油圧 pressure              | エア air  |                                | 適合ハードジョー Matching Hard top jaw | 標準ソフトジョー Matching Soft top jaw |                                |  |
| N-04                                | 110                | 6    | 6.4   | 15                                 | 8.2                                      | 228                                  | 6000  | 4.1   | 0.008   | Y0715R/RE01C             | AY1315R | 2.4                            | HB04N1                         | SJ04B1                         |                                |  |
| N-05                                | 135                | 16   | 6.4   | 15                                 | 8.2                                      | 25.2                                 | 5500  | 6.2   | 0.015   | Y0715R/RE01C             | AY1315R | 2.4                            | HB05C1                         | SJ05B1                         |                                |  |
| N-06                                | 165                | 15   | 8.5   | 20                                 | 18                                       | 52.5                                 | 5270  | 13  | 0.045   | Y1020R/RE47              | AY1720R | 2.6                            | HB06B1                         | SJ06B1                         |                                |  |
| N-08                                | 210                | 23   | 8.8   | 21                                 | 25                                       | 75                                   | 4760  | 25  | 0.138   | Y1225R/RE47              | AY2225R | 2.5                            | HB08A1                         | SJ08B1                         |                                |  |
| N-10                                | 254                | 24   | 8.8   | 25                                 | 29                                       | 108                                  | 4010  | 37  | 0.300   | Y1225R/RE47              | AY2225R | 2.8                            | HB10A1                         | SJ10B1                         |                                |  |
| N-12                                | 304                | 26   | 10.5  | 30                                 | 41                                       | 156                                  | 3380  | 57.3  | 0.725   | Y1530R/RE47              | -       | 2.7                            | HB12B1                         | SJ12A1                         |                                |  |
| N-15                                | 381                | 72   | 16  | 35                                 | 82                                       | 249                                  | 3040  | 101   | 1.9   | Y2035R/RE47              | -       | 3.2                            | HB15N1                         | SJ15N1                         |                                |  |
| N-18                                | 450                | 133  | 16  | 35                                 | 82                                       | 249                                  | 2710  | 126   | 3.3   | Y2035R/RE47              | -       | 3.2                            | HB15N1                         | SJ15N1                         |                                |  |
| N-21                                | 530                | 69   | 16  | 35                                 | 82                                       | 273                                  | 1940  | 198   | 7.1   | Y2035R/RE47              | -       | 3.2                            | HB18B2                         | SJ18A2                         |                                |  |
| N-24                                | 610                | 152  | 16  | 35                                 | 82                                       | 273                                  | 1760  | 252   | 12.0  | Y2035R/RE47              | -       | 3.2                            | HB18B2                         | SJ18A2                         |                                |  |