



**CHUCK**

# 高精度中空パワーチャック (ショートテーパ) High Precision Thru-Hole Power Chuck (Direct Mount) **BS300A series**

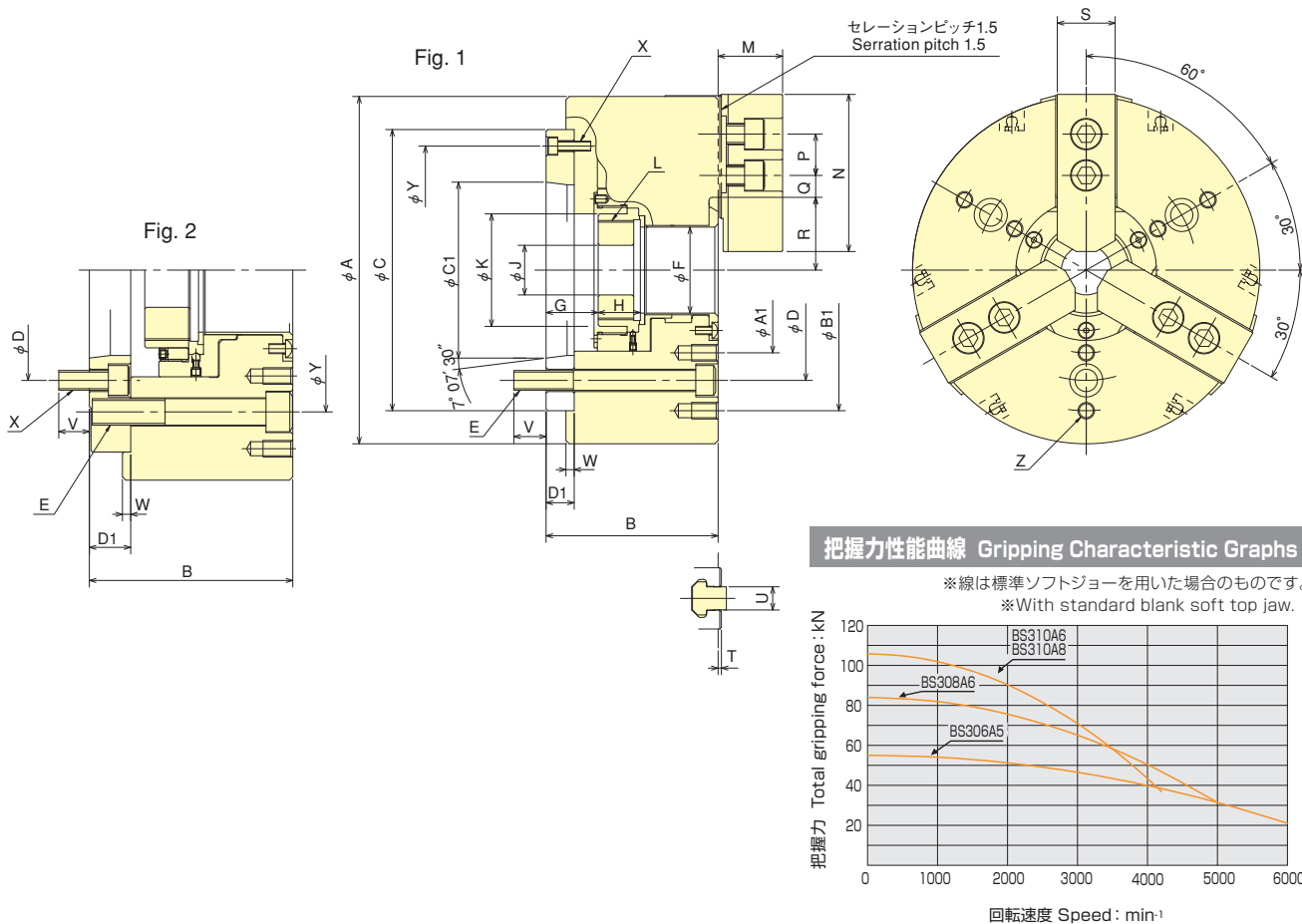
**スピンドルノーズ対応バックプレート付き**  
Equipped with Chuck Adaptor to suit Spindle Nose

**高剛性ボディで安定加工**  
Stable machining with highly rigid body

\*CE対応品 \*CE correspondence



## ■ 寸法図 Dimensional Drawings



## ■ 寸法表 Dimensions

※BS310A6はFig.2参照。 ※ドローナットのねじは未加工です。  
※BS310A6 is referred to in Fig.2. ※Blank draw nut equipped.

| 型式<br>Model | 寸法<br>Dimensions |     |     |       |       | F  | G<br>max. | G<br>min. | H    | J  | K  | L<br>max. | M  | N   | P  | Q<br>max. | Q<br>min. | R<br>max. | R<br>min. | S  | T | U  | V    | W | X     | Y     | Z       | A1   | B1  | C1      | D1 |
|-------------|------------------|-----|-----|-------|-------|----|-----------|-----------|------|----|----|-----------|----|-----|----|-----------|-----------|-----------|-----------|----|---|----|------|---|-------|-------|---------|------|-----|---------|----|
|             | A                | B   | C   | D     | E     |    |           |           |      |    |    |           |    |     |    |           |           |           |           |    |   |    |      |   |       |       |         |      |     |         |    |
| BS306A5     | 169              | 95  | 140 | 104.8 | 3-M10 | 45 | 26        | 14        | 20   | 20 | 61 | M55×2     | 29 | 66  | 20 | 21.25     | 9.25      | 35        | 32.25     | 26 | 2 | 12 | 16.5 | 5 | 3-M 6 | 116   | 3×2-M8  | 77.5 | 140 | 82.563  | 15 |
| BS308A6     | 210              | 104 | 170 | 133.4 | 3-M12 | 52 | 31.5      | 17.5      | 25.5 | 30 | 68 | M60×2     | 39 | 95  | 25 | 23.75     | 11.75     | 44        | 40.25     | 35 | 2 | 14 | 19.5 | 5 | 3-M 6 | 150   | 3×2-M10 | 100  | 170 | 106.375 | 17 |
| BS310A6     | 254              | 123 | 220 | 133.4 | 3-M16 | 75 | 33.5      | 16.5      | 32.5 | 45 | 94 | M85×2     | 43 | 110 | 30 | 30.75     | 11.25     | 55        | 50.45     | 40 | 2 | 16 | 18.5 | 5 | 6-M12 | 171.4 | 3×2-M10 | 128  | 216 | 106.375 | 25 |
| BS310A8     | 254              | 116 | 220 | 171.4 | 3-M16 | 75 | 26.5      | 9.5       | 32.5 | 45 | 94 | M85×2     | 43 | 110 | 30 | 30.75     | 11.25     | 55        | 50.45     | 40 | 2 | 16 | 25.2 | 5 | 3-M 8 | 190   | 3×2-M10 | 128  | 216 | 139.719 | 18 |

## ■ 仕様表 Specifications

※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>Model | 貫通孔径<br>Thru-Hole<br>mm | 把握径 Gripping range<br>mm | ジョーストローク (直径)<br>Jaw Stroke (diameter)<br>mm | プランジストローク<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> | 質量 (標準ソフトジョー付)<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<br>Matching Cylinder | 許容最大油圧<br>Max. pressure<br>MPa | 適合ハードジョー<br>Matching Hard top jaw | 標準ソフトジョー<br>Matching Soft top jaw | 主軸端呼び<br>Spindle nose size |
|-------------|-------------------------|--------------------------|----------------------------------------------|-----------------------------------|------------------------------------------|--------------------------------------|---------------------------------------------|-------------------------------------------------------|---------------------------------------------------|-----------------------------|--------------------------------|-----------------------------------|-----------------------------------|----------------------------|
| BS306A5     | 45                      | 169 26                   | 5.5                                          | 12                                | 22                                       | 55                                   | 6000                                        | 12.7                                                  | 0.063                                             | S1246                       | 2.8                            | HB06B1                            | SJ06L1A                           | A2-5                       |
| BS308A6     | 52                      | 210 19                   | 7.5                                          | 14                                | 34.8                                     | 84                                   | 5000                                        | 24.4                                                  | 0.135                                             | S1552                       | 2.65                           | HB08A1                            | SJ08B1                            | A2-6                       |
| BS310A6     | 75                      | 254 34                   | 9.1                                          | 17                                | 43                                       | 105.8                                | 4200                                        | 40.3                                                  | 0.368                                             | S1875                       | 2.7                            | HB10A1                            | SJ10B1                            | A2-6                       |
| BS310A8     | 75                      | 254 34                   | 9.1                                          | 17                                | 43                                       | 105.8                                | 4200                                        | 37.8                                                  | 0.353                                             | S1875                       | 2.7                            | HB10A1                            | SJ10B1                            | A2-8                       |