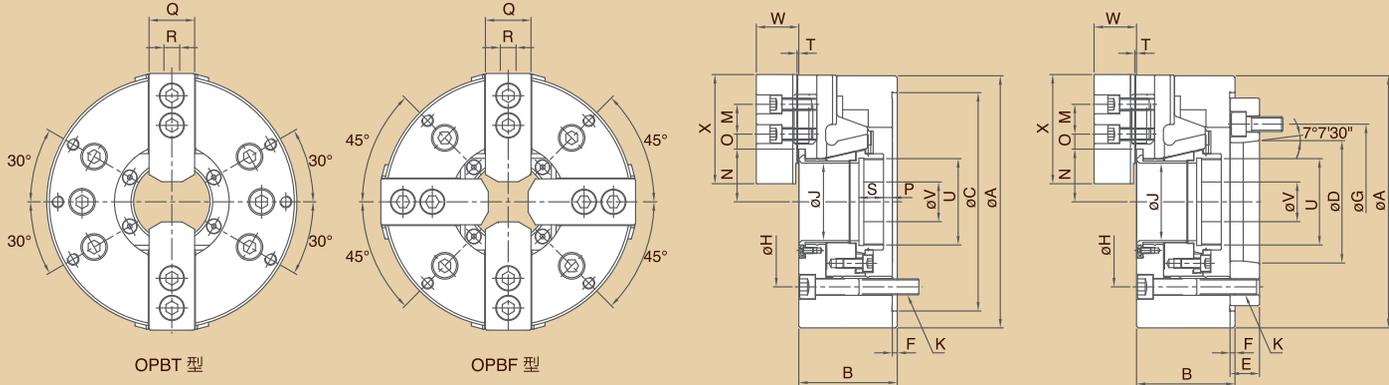


# OPBT, OPBF LARGE THROUGH HOLE HIGH SPEED POWER CHUCKS

## 大孔徑二爪/四爪 高速中空油壓夾頭



### 尺寸圖 » Dimensions



### 規格表 » Specifications

單位/UNIT:mm

| 型式/規格<br>MODEL<br>/ SPEC. | 主軸鼻端番號<br>Nose Of<br>Spindle | A   | B   | C<br>(H6) | D       | E  | F | G                | H              | J  |
|---------------------------|------------------------------|-----|-----|-----------|---------|----|---|------------------|----------------|----|
| OPBT-206                  | A <sub>2</sub> -5            | 170 | 81  | 140       | 82.563  | 20 | 5 | PCD $\phi$ 104.8 | PCD $\phi$ 122 | 52 |
| OPBT-208                  | A <sub>2</sub> -6            | 215 | 91  | 170       | 106.375 | 22 | 5 | PCD $\phi$ 133.4 | PCD $\phi$ 150 | 66 |
| OPBT-210                  | A <sub>2</sub> -8            | 256 | 100 | 220       | 139.719 | 28 | 5 | PCD $\phi$ 171.4 | PCD $\phi$ 180 | 81 |
| OPBF-206                  | A <sub>2</sub> -5            | 170 | 81  | 140       | 82.563  | 20 | 5 | PCD $\phi$ 104.8 | PCD $\phi$ 122 | 52 |
| OPBF-208                  | A <sub>2</sub> -6            | 215 | 91  | 170       | 106.375 | 22 | 5 | PCD $\phi$ 133.4 | PCD $\phi$ 150 | 66 |
| OPBF-210                  | A <sub>2</sub> -8            | 256 | 100 | 220       | 139.719 | 28 | 5 | PCD $\phi$ 171.4 | PCD $\phi$ 180 | 81 |

| 型式/規格<br>MODEL<br>/ SPEC. | K           | M  | N<br>max. | N<br>min. | O<br>max. | O<br>min. | P<br>max. | P<br>min. | Q  | R  | S  |
|---------------------------|-------------|----|-----------|-----------|-----------|-----------|-----------|-----------|----|----|----|
| OPBT-206                  | 6-M10x1.5P  | 20 | 36.35     | 33.6      | 21.1      | 7.55      | 7         | -5        | 31 | 12 | 23 |
| OPBT-208                  | 6-M12x1.75P | 25 | 46.6      | 42.9      | 26.6      | 11.6      | 10        | -6        | 35 | 14 | 25 |
| OPBT-210                  | 6-M16x2P    | 30 | 54.6      | 50.1      | 33.55     | 11.05     | 8.5       | -10.5     | 40 | 16 | 25 |
| OPBF-206                  | 4-M10x1.5P  | 20 | 36.35     | 33.6      | 21.1      | 7.55      | 7         | -5        | 31 | 12 | 23 |
| OPBF-208                  | 4-M12x1.75P | 25 | 46.6      | 42.9      | 26.6      | 11.6      | 10        | -6        | 35 | 14 | 25 |
| OPBF-210                  | 4-M16x2P    | 30 | 54.6      | 50.1      | 33.55     | 11.05     | 8.5       | -10.5     | 40 | 16 | 25 |

| 型式/規格<br>MODEL<br>/ SPEC. | T | U      | V  | W    | X   | 通孔直徑<br>Thru-Hole<br>[Diameter] (mm) | 柱塞行程<br>Plunger Stroke<br>(mm) | 爪行程(直徑)<br>Jaw Stroke<br>[Diameter] (mm) |
|---------------------------|---|--------|----|------|-----|--------------------------------------|--------------------------------|--|
| OPBT-206                  | 2 | M60x2P | 20 | 37.5 | 73  | 52                                   | 12                             | 5.5                                      |
| OPBT-208                  | 2 | M75x2P | 30 | 39.5 | 95  | 66                                   | 16                             | 7.4                                      |
| OPBT-210                  | 2 | M90x2P | 40 | 43   | 110 | 81                                   | 19                             | 8.8                                      |
| OPBF-206                  | 2 | M60x2P | 20 | 37.5 | 73  | 52                                   | 12                             | 5.5                                      |
| OPBF-208                  | 2 | M75x2P | 30 | 39.5 | 95  | 66                                   | 16                             | 7.4                                      |
| OPBF-210                  | 2 | M90x2P | 40 | 43   | 110 | 81                                   | 19                             | 8.8                                      |

| 型式/規格<br>MODEL<br>/ SPEC. | 最高迴轉速<br>Max.Speed<br>r.p.m.(min <sup>-1</sup> ) | 最大拉力<br>Max. Pull<br>Force<br>kgf (kN) | 最大靜夾持力<br>Max. Gripping<br>Force<br>kgf (kN) | 最大設定油壓壓力<br>Max. Hydr.<br>Pressure<br>kgf/cm <sup>2</sup> (MPa) | 夾持範圍<br>Gripping<br>Range | 搭配<br>油壓缸型號<br>Matching<br>Cylinder | 淨重<br>Weight<br>(kg) |
|---------------------------|--|--|--|---|---------------------------|-------------------------------------|----------------------|
| OPBT-206                  | 6000   | 1550 (15)                              | 3950 (38.5)                                  | 15 (1.4)  | $\phi$ 13~ $\phi$ 170     | P1452S                              | 11.85                |
| OPBT-208                  | 5000   | 2250 (22)                              | 5850 (57)                                    | 17 (1.6)  | $\phi$ 50~ $\phi$ 215     | P1666S                              | 21.2                 |
| OPBT-210                  | 4200   | 2900 (28)                              | 7400 (72.5)                                  | 19.5 (1.9)  | $\phi$ 34~ $\phi$ 254     | P1881S                              | 32.85                |
| OPBF-206                  | 4500   | 1700 (16.5)                            | 4400 (42.5)                                  | 16 (1.5)  | $\phi$ 22~ $\phi$ 170     | P1452S                              | 13                   |
| OPBF-208                  | 3600   | 2500 (24.5)                            | 6450 (63)                                    | 19 (1.8)  | $\phi$ 50~ $\phi$ 215     | P1666S                              | 22.6                 |
| OPBF-210                  | 3200   | 3200 (31)                              | 8200 (80)                                    | 21.5 (2.1)  | $\phi$ 32~ $\phi$ 254     | P1881S                              | 35.35                |