



# JAP200

## Rotary Air Collet Chuck



- ▶ Built in rotary cylinder, free from use the draw bar and rotary cylinder
- ▶ Easy installation, no specialist required
- ▶ Work with most popular collet , easy to find replacement or repair in local.
- ▶ Double piston, provide more clamping force in limited O.D
- ▶ Import selected deep groove ball bearing, stable and tough
- ▶ Self-lock design on the close side to offer higher safety
- ▶ High resistance to coolant fluid and cutting chips  
(Fluid and dust proof when air feeding in)
- ▶ Please use 5um filter in F.R.L units

### Introduction

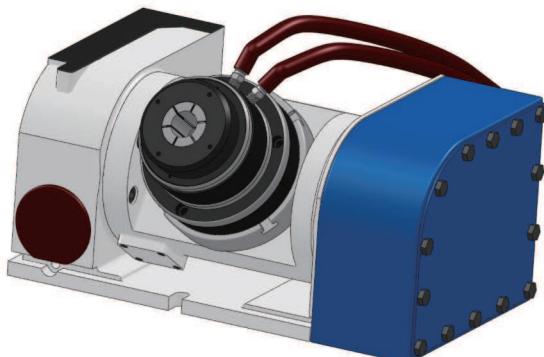
JAP200 is built in rotary cylinder, which is free from use the draw bar and rotary cylinder behind the spindle. Even makes it much easier. All you need is a flange adaptor and air feeding, imaging a simple installation without specialist worker and anyone with technical common sense, can get installation done easily when all relates components ready.

JAP200 air collet chuck is a high performance chuck, applies to all kind of automation lathe working .Also can works with manual lathe to fulfill the target of auto clamping. Center trough hole allowed feeding either way from the front or rear, or to make an axial stopper in the center, or set an air blower to clear to cutting chips.

Collet provides the higher frequency to clamp, compare to 3-jaws chuck, collet chuck is up to save the time of clamping more than 75%. Any manufacturer whoever is paying attention to the cycle time, collet chuck is able to raise your output when you have the same time putting in.



Applies: On Lathe



Applies: On 4/5 axis rotary table

fig.1

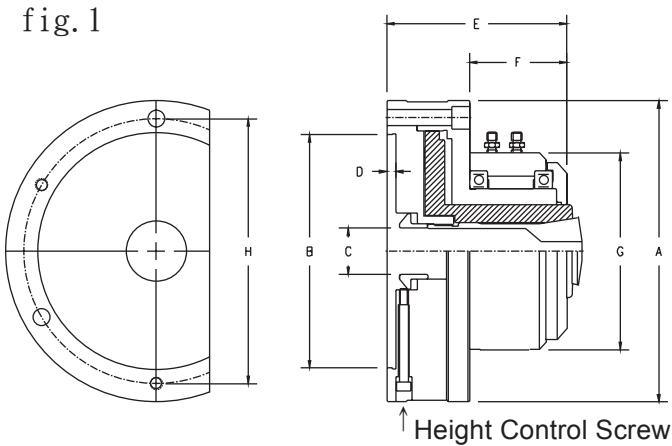
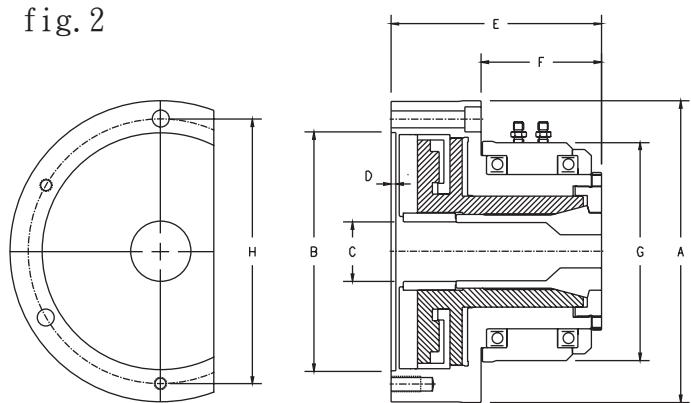


fig.2



## JAP200 Dimension and Specification

| Model          | JAP206-5C                                    | JAP207-16C                                   | JAP207-B42                                    | JAP208-B60                                    | JAP210-B80                                    |
|----------------|--|--|---|---|---|
| Figure         | fig.1  | fig.1  | fig.2   | fig.2   | fig.2   |
| A              | 168(6.61")                                   | 203(7.99")                                   | 197(7.76")                                    | 214(8.43")                                    | 247(9.72")                                    |
| B              | 130(5.12")                                   | 160(6.30")                                   | 155(6.10")                                    | 170(6.69")                                    | 200(7.87")                                    |
| C              | 26(1.02")                                    | 40(1.57")                                    | 42(1.65")                                     | 60(2.36")                                     | 80(3.15")                                     |
| D              | 4.5(0.18")                                   | 4.5(0.18")                                   | 4.5(0.18")                                    | 4.5(0.18")                                    | 5.0(0.20")                                    |
| E              | 101(3.98")                                   | 113(4.44")                                   | 138(5.43")                                    | 148(5.83")                                    | 151(5.94")                                    |
| F              | 55(2.17")                                    | 65(2.56")                                    | 77(3.03")                                     | 85(3.35")                                     | 80(3.16")                                     |
| G              | 116(4.57")                                   | 136(5.35")                                   | 146(5.76")                                    | 164(6.46")                                    | 197(7.76")                                    |
| H (P.C.D.)     | 147(5.79")                                   | 176(6.93")                                   | 172(6.77")                                    | 186(7.32")                                    | 226(8.90")                                    |
| Mounting Bolts | 4H-M8 (front)                                | 3H-M10 (front)+3H-M10 (rear)                 | 3H-M 10(front)+3H-M 10(rear)                  | 3H-M10 (front)+3H-M10 (rear)                  | 6H-M10 (front)                                |
| Collet         | 5C Collet                                    | 16C Collet                                   | B42(DIN6343 173E)                             | B60(DIN6343 185E)                             | B80(DIN6343 193E)                             |
| Max. RPM       | 3600   | 2800   | 2500  | 2000  | 1500  |
| Air Pressure   | 3-8kg/cm <sup>2</sup> (43-114psi)            | 3-8kg/cm <sup>2</sup> (43-114psi)            | 3-8kg/cm <sup>2</sup> (43-114psi)             | 3-8kg/cm <sup>2</sup> (43-114psi)             | 3-8kg/cm <sup>2</sup> (43-114psi)             |
| Max. Capacity  | 26mm(1.02")                                  | 40mm(1.57")                                  | 42mm(1.65")                                   | 60mm(2.36")                                   | 80mm(3.15")                                   |
| Piston Area    | 130cm <sup>2</sup> (20.2in <sup>2</sup> )    | 155cm <sup>2</sup> (24.0in <sup>2</sup> )    | 280cm <sup>2</sup> (43.4in <sup>2</sup> )     | 304cm <sup>2</sup> (47.6in <sup>2</sup> )     | 356cm <sup>2</sup> (55.2in <sup>2</sup> )     |
| Gripping Force | 3465kgf@7kg/cm <sup>2</sup> (7623lbf@100psi) | 4078kgf@7kg/cm <sup>2</sup> (8971lbf@100psi) | 4740kgf@7kg/cm <sup>2</sup> (10428lbf@100psi) | 5150kgf@7kg/cm <sup>2</sup> (11330lbf@100psi) | 6030kgf@7kg/cm <sup>2</sup> (12060lbf@100psi) |
| Net Weight     | 10kgs(22lbs)                                 | 14kgs(31lbs)                                 | 17kgs(37lbs)                                  | 21kgs(46lbs)                                  | 32kgs(71lbs)                                  |