

PNEUMATIC CHUCK

Made by precision manufacturer.
Utilizing intelligence and invention.

Features

- High fitting and repeatability.
- The jaws slide parallel motion precisely so that stroke is very short.
- Grip adjustment is freely by changeable working pressure.
- Gripping both as an outside and an inside diameter.
- Compact design for space-saving.
- Wide product range to meet the various demand.
- Custom-made is available for various requests.

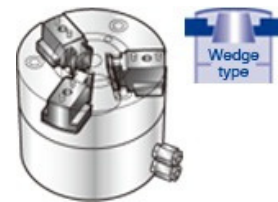
NAKA
AIRCHUCK



Product lineup

Wedge type

- Wedge type sleeves convert vertical motion of piston into parallel motion of jaws.
- Since high precision repeatability (max.2um), centering is needless in every gripping cycle.



Crossbar type

- NAKA's proprietary technology.
- Since the jaw holders are sliding across by crossing in center, the bearing area is widened.
- Static gripping even with tall jaw or long stroke.
- Since jaws move smoothly, less wear, long service life.



Size

- 1/2/3/4 inch are available.
- Up to 14 inch.



Body material

- Aluminum or iron.
- Aluminum is good for moment of low inertia.
- Iron is good for high rigidity.



Jaws

- 2/3/4 jaws
- 3 jaws type is useful for various applications.
- Select the appropriate air chuck for your application.



Stroke

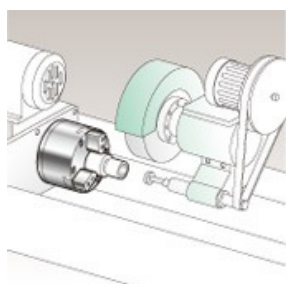
- $\phi 1$ - $\phi 10$ mm Up to
- $\phi 32$ mm



Application

Processing

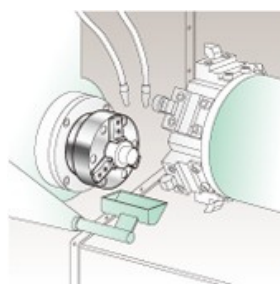
Grinding



High precision to meet the demand.

*Rotary type *Dustcover

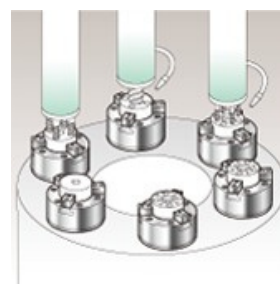
Lathing



Easy lathing for small workpiece.

*Rotary type

Machining

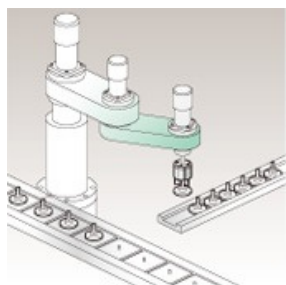


Tough constitution for continuous operation.

*Stationary type *Rotary type

Transferring

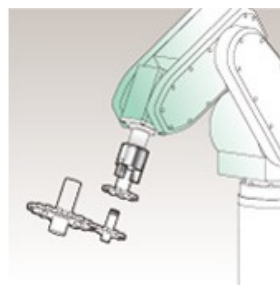
Horizontally articulated robot



High speed / precision transfer of heavy objects.

*Stationary type

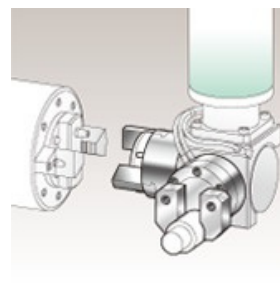
Vertically articulated robot



Easy for vertical transfer by powerful gripping.

*Stationary type

Rotary unit

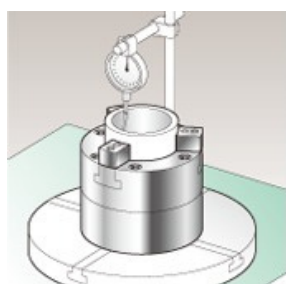


Quick and precision jaw movement makes possibility for high speed operation.

*Stationary type

Measuring

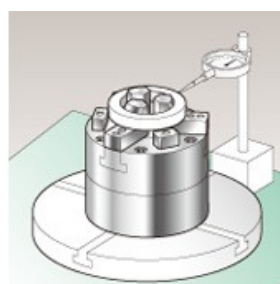
Inside diameter



High precision appropriate for measurement and inspection.

*Stationary type

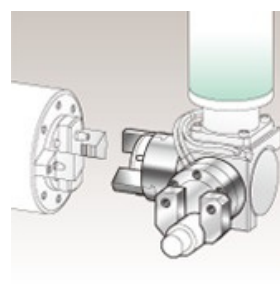
Outside diameter



Appropriate for inspection.

*Stationary type

Extra-long application



Static holding with thru hole.

*Stationary type