

# JAKA | 节卡 Robot

## Zu®Series compatible gripper

### Zu®5, 7, 12, 18 Compatible



360° visible indicator lamp

Round shape without protrusions or sharp edges

Directional control valve for finger open/close\* and gripping power can be easily set by adjusting the regulator

\* Option

The gripping speed can be easily adjusted with the speed adjustment knob

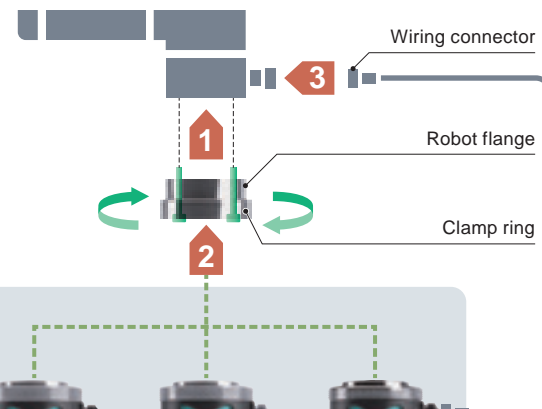
Achieves high gripping force while being lightweight due to its air drive



## Can be mounted on the robot in only 2 minutes

- 1 Attach the dedicated flange to the robot
- 2 Turn the clamp ring to mount the gripper
- 3 Join the wiring connectors

Installation complete!



### Replace grippers without tools

- By adopting a robot flange common to all series, a changeover can be completed simply by replacing the gripper.
- The gripper can be replaced without tools due to the simple design where the clamp ring only needs to be turned by hand.



## Air Grippers: High affinity for Collaborative Robots

Collaborative robots gripper RLSH/RHLF/RCKL-JK Series is air driven, so it is compact and lightweight with high gripping power. Easy installation supports all customers' Collaborative robots deployments.



## 3 models in the lineup to match your applications



### RLSH Series

#### Compact

Stroke length : 18 mm  
Gripping power : 42 N\*  
Weight : 0.8 kg



A compact body that does not disturb the trajectory of the robot



### RHLF Series

#### Long stroke

Stroke length : 32 mm  
Gripping power : 85 N\*  
Weight : 1.0 kg



Low profile, long stroke keeps height low



### RCKL Series

#### 3-Way Fingers

Stroke length : 10 mm  
Gripping power : 125 N\*  
Weight : 1.1 kg



3-way finger ideal for round and cylindrical workpieces

\*Supply pressure 0.5 MPa, Claw length (ℓ) = 20 mm, value at stroke center

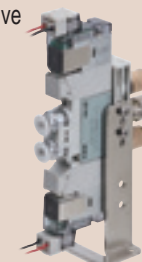
## Total support air system

Various air components required for the gripper drive are available, enabling construction of the ideal system for each customer. For details, refer to the CKD website (<https://www.ckd.co.jp/en/>).

### Valve

- Directional control valve
- Fitting
- Silencer
- Air tube

\*Options are set with the above 4 points as a set.



### Other air systems

- Compact compressor (Portable Air Supply Unit)
- Filter, regulator
- Fitting
- Sensors
- Communication component.....etc.

\*Ordered separately.

