

# Grippers for Collaborative Robots

## RLSH/RHLF/RCKL Series

### Collaborative human-robot design



360° visible indicator lamp

Round shape without protrusions or sharp edges

The fingers can be opened and closed by switching the directional control valve\*, and the gripping force can be easily set by adjusting the regulator.

\*Option



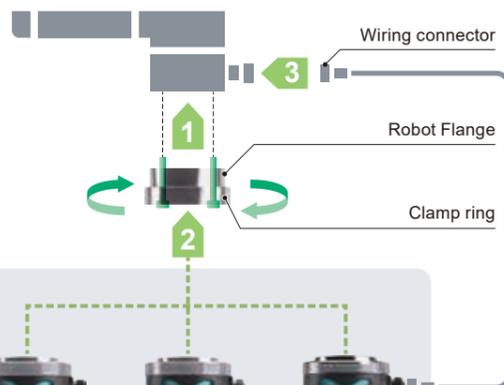
The gripping speed can be easily adjusted with the speed adjustment knob

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

- Through the adoption of a robot flange common to the entire series, changeover can be done simply by replacing the gripper.
- The gripper can be replaced without tools. Just turn the clamp ring by hand.



## Highly Compatible Pneumatic Grippers for Collaborative Robots

RLSH/RHLF/RCKL Series grippers for collaborative robots are air-driven, making them compact and lightweight, yet with high gripping force. Easy setup supports the introduction of collaborative robots for all customers.

### Lineup of three models selectable according to application



#### RLSH Series

##### Compact

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



Compact body that does not interfere with robot's trajectory



#### RHLF Series

##### Long Stroke

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



Long stroke with reduced height and thin profile



#### RCKL Series

##### 3-way Fingers

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



3-Finger gripper ideal for cylindrical and round workpieces

\*At 0.5 MPa supply pressure, jaw length (ℓ) = 20 mm, and at stroke center.

### Supported Collaborative robots manufacturers

UNIVERSAL ROBOTS Certified R□□□-UR Series P.518	TECHMAN ROBOTS Certified R□□□-TM Series P.526	OMRON ROBOTS Certified R□□□-TM Series P.534	FANUC Robot Compatible R□□□-FN Series P.542
YASKAWA Robot Compatible R□□□-YS Series P.550	JAKA Robot Compatible R□□□-JK Series P.556	Kawasaki Robot Compatible R□□□-KW Series P.562	