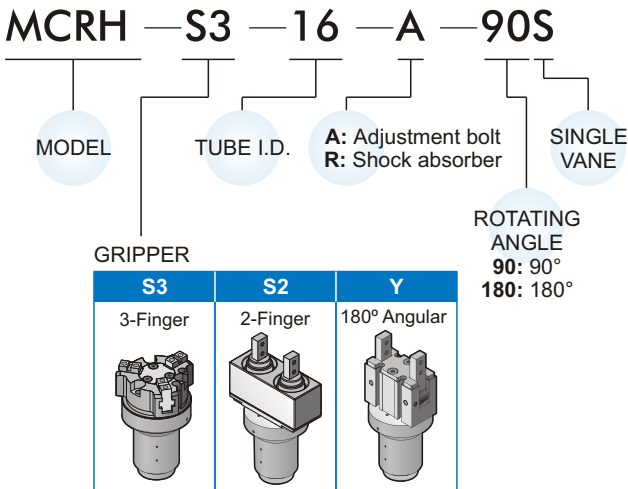


### Specification

Model	MCRH	
Acting type	Double acting	
Medium	Air	
Operating pressure range	Rotary unit	0.25 ~0.7 MPa
	Gripper unit	0.1 ~0.7 MPa
Rotary angle	90 $\pm$ 10° , 180 $\pm$ 10° (※1)	
Repeatability	0.05 mm	
Max.operating frequency	180 c.p.m	
Ambient temperature	+5 $^{\circ}$ C~+60 $^{\circ}$ C	
Adjustable rotation time range	0.07~0.3 s/90° (at 0.5MPa)(※2)	
Allowable kinetic energy	0.014J	
Available speed range	50~200 mm/s	
Sensor switch	Rotary unit	RH (2,3wire)
	Gripper unit	RH (3wire)
Cushion	Adjustment bolt	Rubber bumper
	Shock absorber	Shock absorber

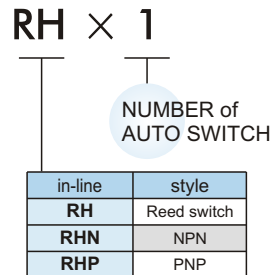
### Order example



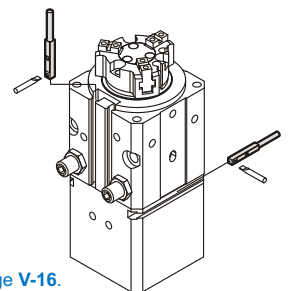
※1: Both ends of vibration  $\pm 5^{\circ}$  adjustable.

※2: Please operate the gripper within its adjustment range as specified. Sticking will occur when the operating speed has exceeded the limit value, it will cause the gripper to fail when operating.

### Auto switch type

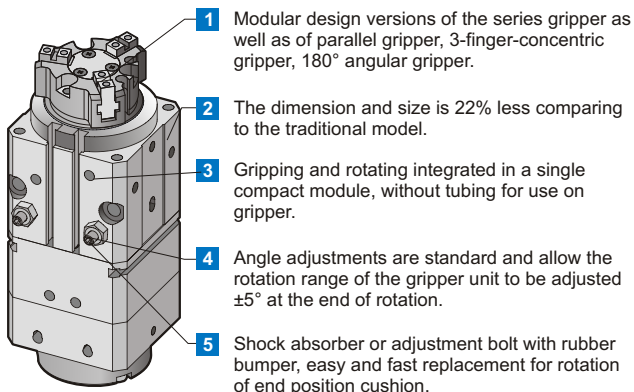


### Installation of sensor switch

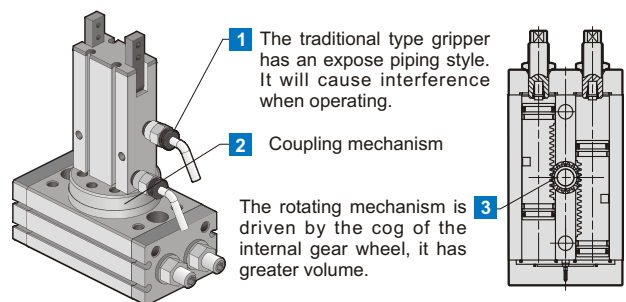


※ RH specification, please refer to page V-16.

### Rotary gripper



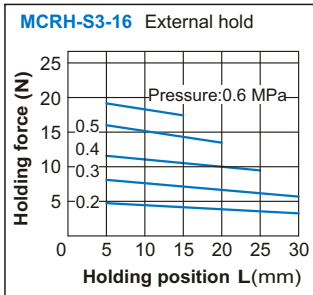
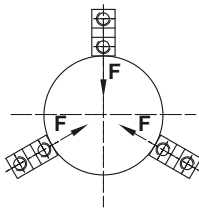
### Traditional gripper



### MCRH-S3-16

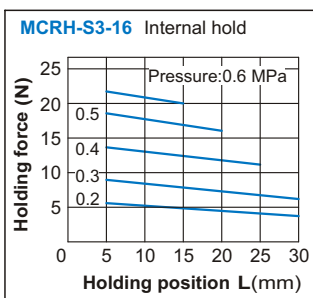
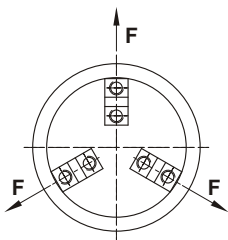
#### External hold

F: Thrust of one finger

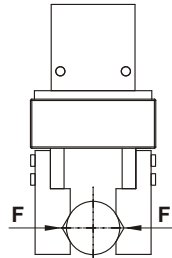


#### Internal hold

F: Thrust of one finger

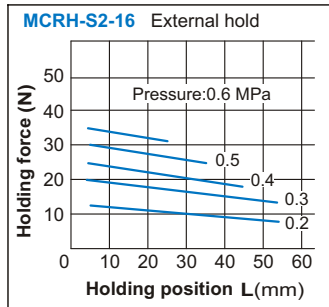
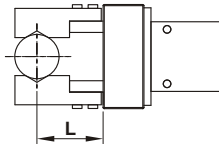


### MCRH-S2-16

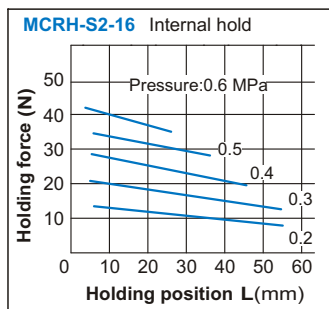
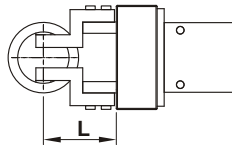


F: Thrust of one finger

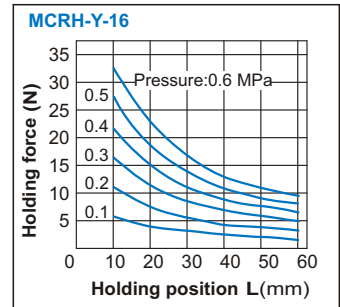
#### External hold



#### Internal hold

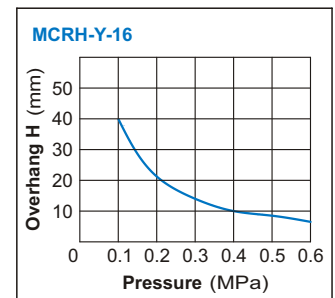
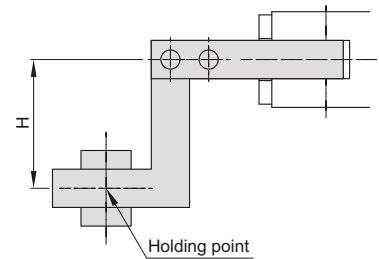


### MCRH-Y-16



### Confirmation of holding point

Work should be held at a point within the range of overhanging distance (H) for a given pressure indicated in the tables. When the work is held at a point outside of the recommended range for a given pressure, it may cause an adverse effect on the product life.

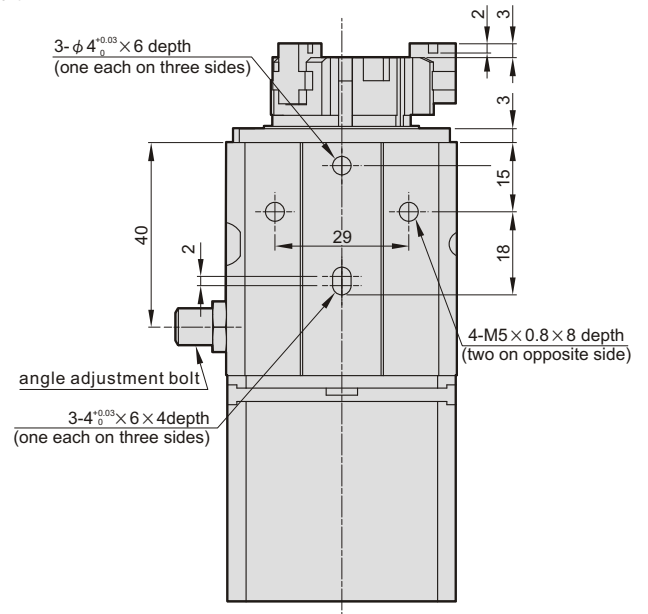
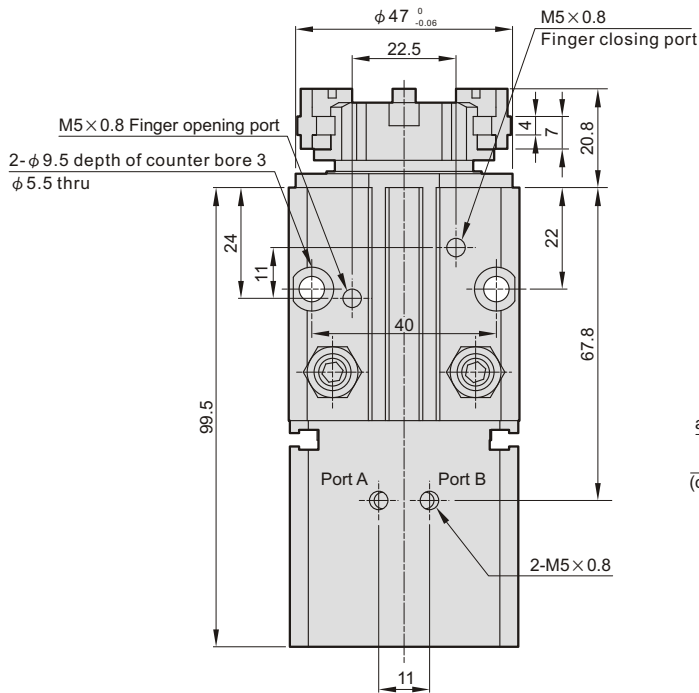
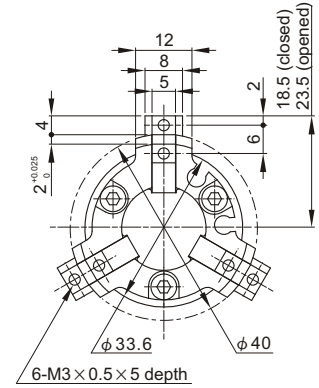
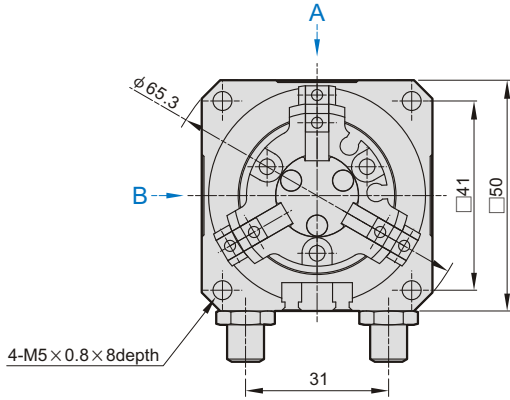


# MCRH-S3 Dimensions $\phi 16$

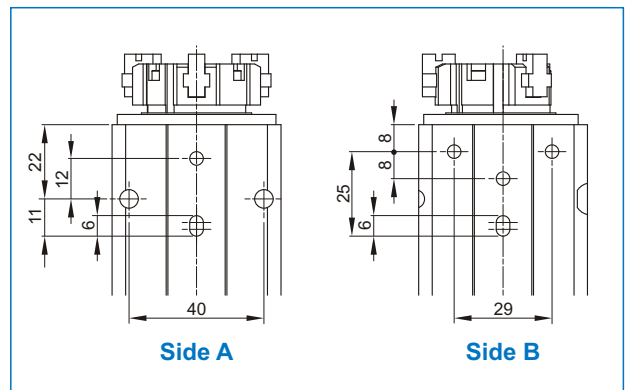
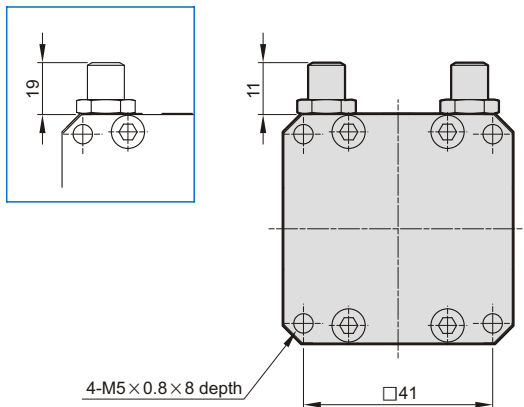
## ROTARY GRIPPERS



Mindman



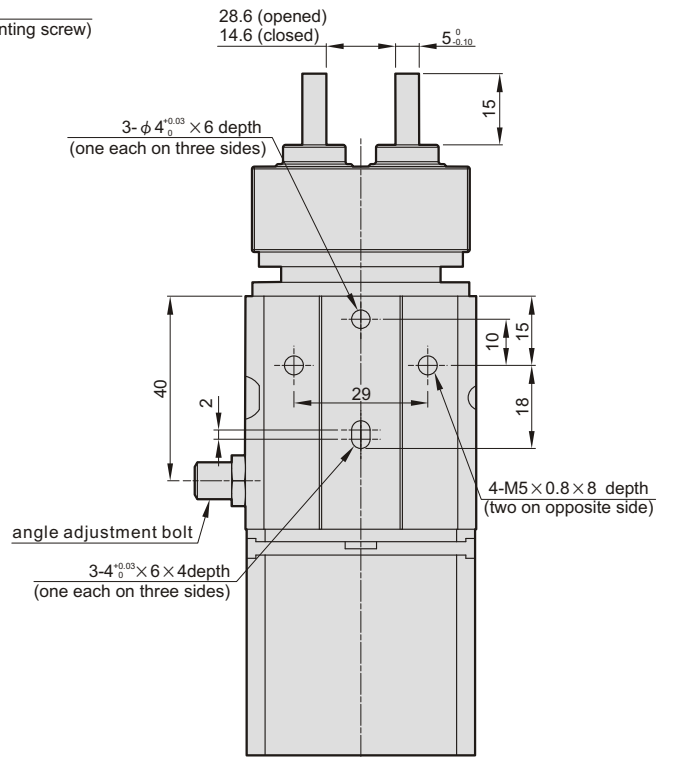
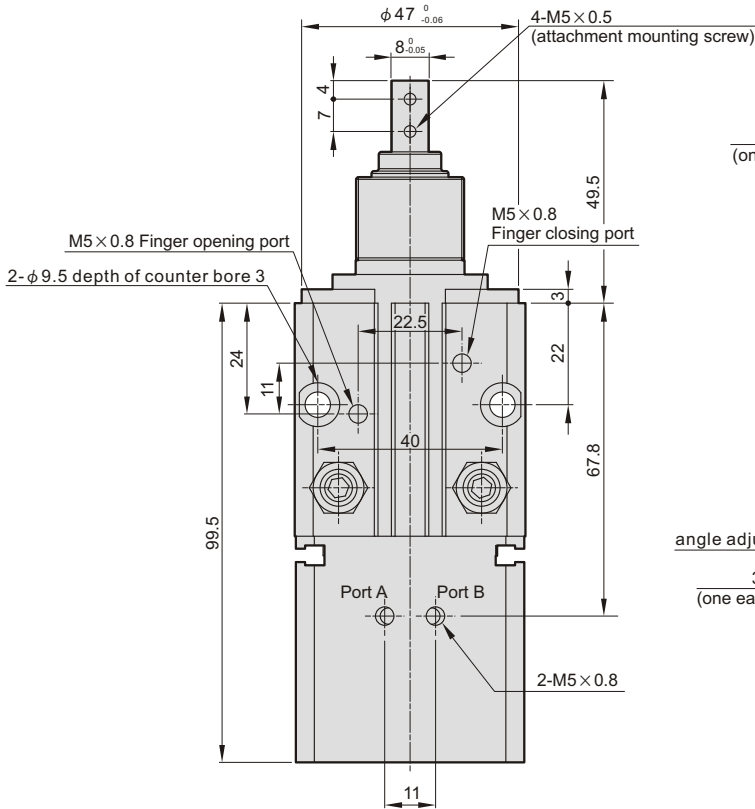
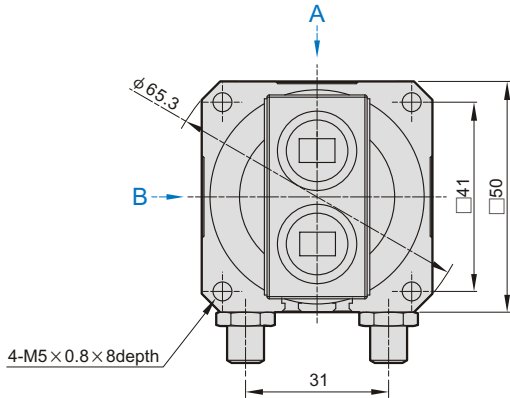
R: with shock absorber



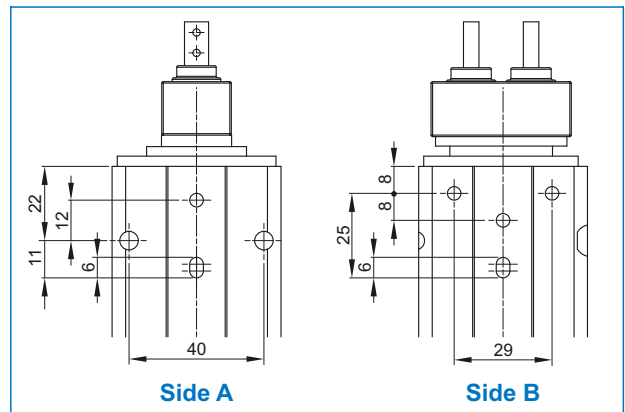
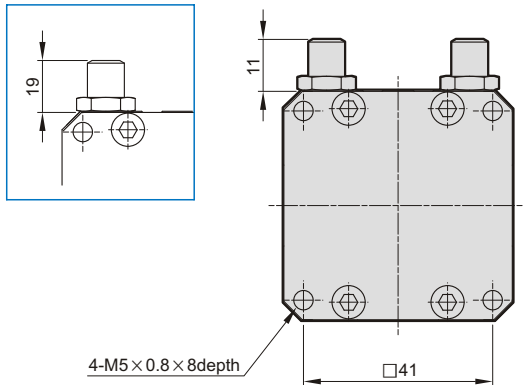
Mindman

# MCRH-S2 Dimensions $\phi 16$

## ROTARY GRIPPERS



### R: with shock absorber

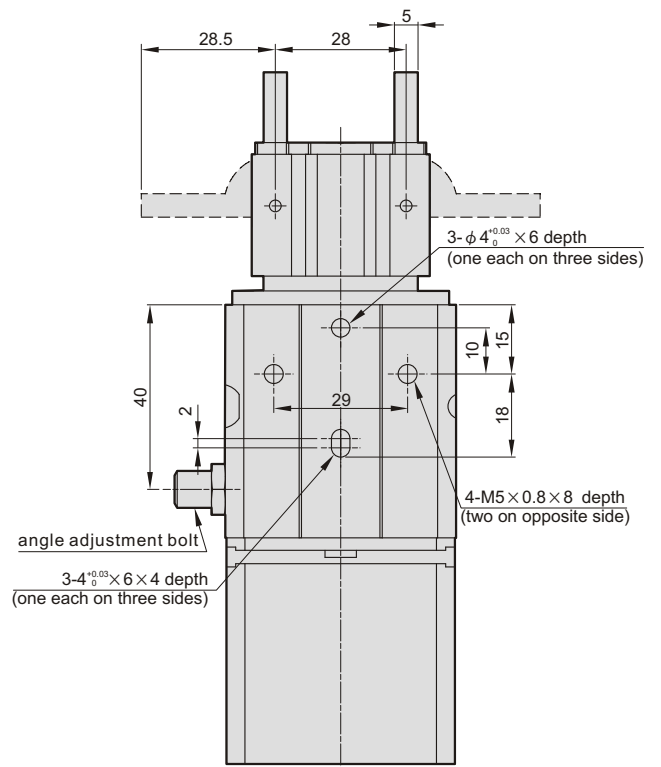
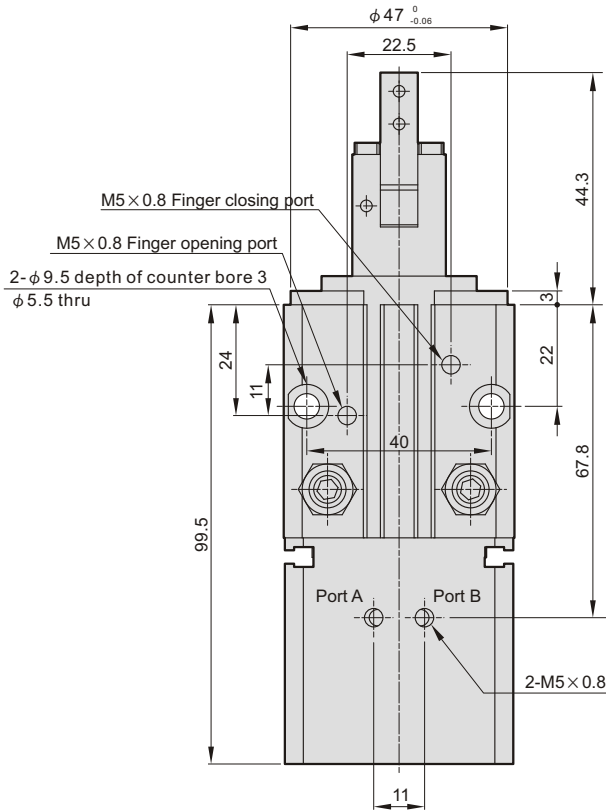
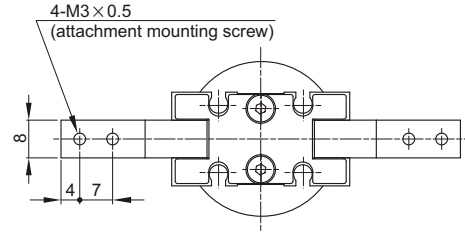
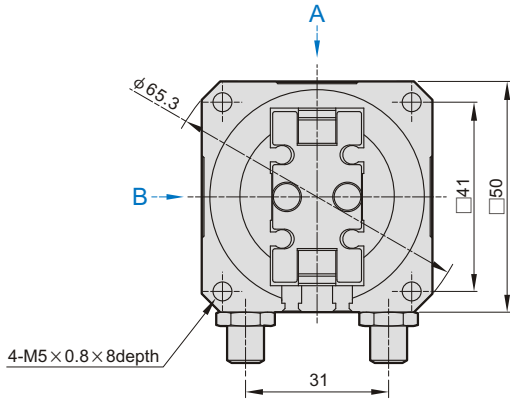


# MCRH-Y Dimensions $\phi 16$

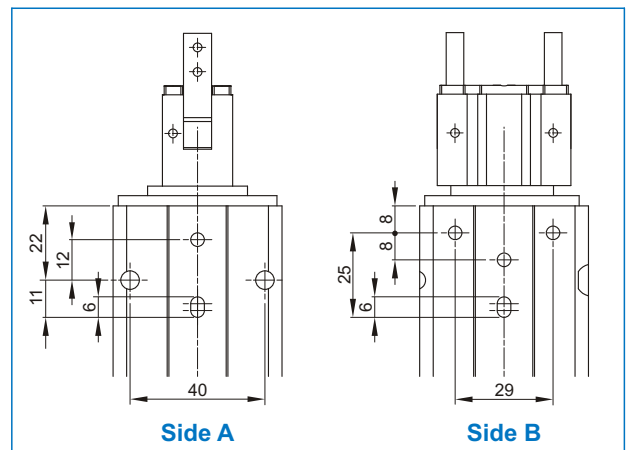
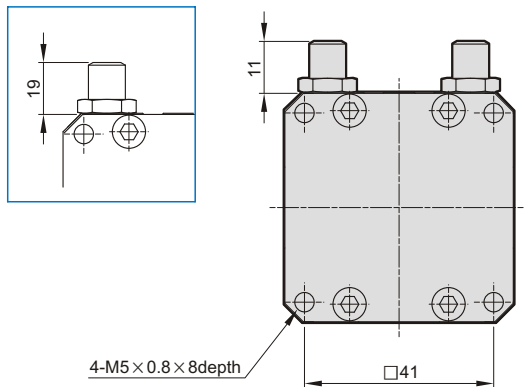
## ROTARY GRIPPERS



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R: with shock absorber



Mindman