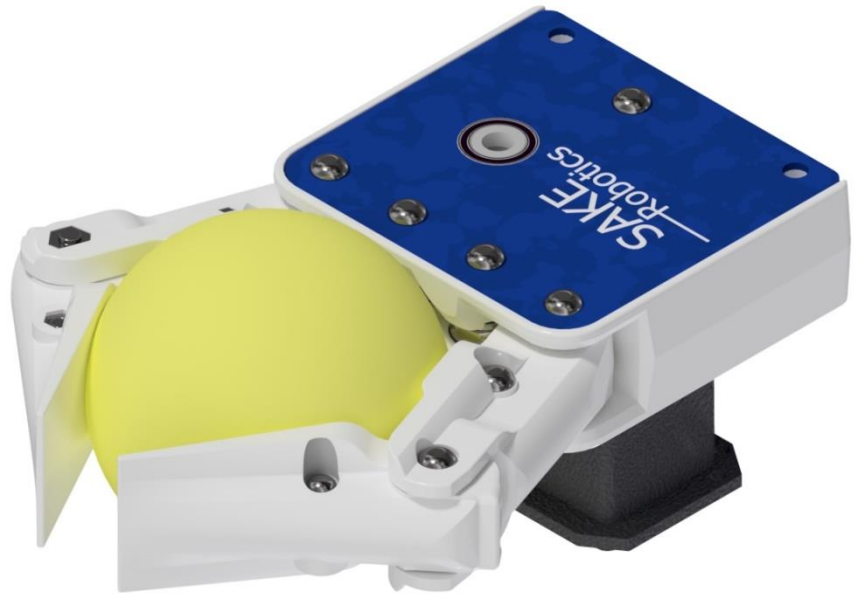


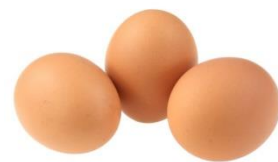
# SAKE ROBOTICS

## EZGripper™

Robotic Grippers



What do you want to pick up?



# EZGripper

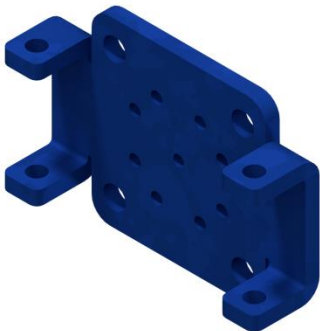
## Robotic Grippers

The EZGripper Dual robotic grippers provide under-actuated parallel gripping for reliably picking up and holding a variety of objects weighing between grams and multiple kilograms. The under-actuated fingers stay straight when picking up small objects like pencils and automatically wrap large objects. Full position and torque control enable picking up objects with very gentle force or a very firm grasp.



### “Universal” Robot Mount

This strong yet lightweight aluminum mount is easily bolted to a wide variety of robotic arms. The mount is designed for the EZGripper to be center aligned to the robot wrist for most robots. This allows 360 degree rotation about the wrist with the grasp center aligned to the axis of rotation.



### Ceramic Tendon Technology

The SAKE Robotics grippers utilize tendons as the primary link between actuators and link (fingers) motion. While many other grippers utilize tendons, there has been a serious reliability issue due to strength & wear. The patent pending Ceramic Tendon Technology addresses the wear challenge by utilizing a combination of super strong Dyneema braided cables (>300kg each) running through super hard and smooth ceramic eyelets. The combination of these materials provides high strength, low wear, low resistance and low cost.

Grasp Width	145mm
Payload	5 kg (wrapping grasp on 9cm pipe) 2.5 kg (pinch grasp on 9cm pipe)
Gripper Weight	365g + 35g (mount)
Grasp Force	0N – 35N
Servo	Robotis Dynamixel MX-64AR
Operating Voltage	12V
Software	Opensource ROS & non-ROS drivers, URDF, 3D models
Robots	Universal Robot UR3/UR5/UR10 Rethink Robotics Fetch Robotics Robotis Attaches to most other robots

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