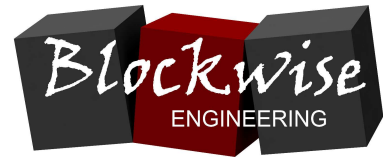


6-Jaw Side-Loading Gripper



Blockwise Engineering, LLC
<http://www.blockwise.com>

Blockwise's side-loading gripper is ideal for holding catheters, pacing leads, or other long products. In the gripper's open position, the product is placed through a slot in the side. As the gripper closes the slot vanishes, providing symmetric 6-sided radial holding.

The gripper has 6 flat plastic surfaces that contact the product. The center opening forms a hexagon that changes size as the gripper is opened and closed. The gripper is spring-loaded in the closed direction; springs may be replaced to change the total radial force (gripping force) on the product.

Depending on the configuration, the gripper can be opened pneumatically or manually by rotating the knurled bezel ring relative to the main body. The center cavity remains hexagon-shaped up to a diameter of at least 5mm. Then, as the bezel is further rotated, one of the dies moves outward, creating a gap. At the full-open position, the gap aligns with corresponding gaps in the cam, main body, and knurled ring, so that a product may be inserted through the gap and into the center cavity.



Specifications:

Opening Actuation	Manual or Pneumatic
Closing Actuation	Spring Force (Factory Adjustable)
Grip Diameter	0 to 5 mm
Loading Slot	3.3 mm
Overall Diameter	76 mm