

# ROYAL QUICK-GRIP™ POWER-BLOCK™ HYDRAULIC COLLET FIXTURES

## Extremely Fast Collet Changes

Changing collets on a Royal Quick-Grip™ Power-Block™ takes just a few seconds. A unique hook and groove design for securing collets is used instead of traditional threads.

## Wide Gripping Range

Royal Quick-Grip™ Collets have a 0.062" gripping range (+/- 0.031"), enabling them to accommodate undersized and oversized bar stock.

## Flexible

The face of the Royal Power-Block™ is precision-ground and includes tapped holes, enabling the use of custom stops, locators, etc.

## Heavy-Duty Construction

Body and piston are hardened to Rc 61-63 for maximum rigidity and durability.

## Low Maintenance

Oversized evacuation slots on all four sides enable chips to be easily flushed clear on bore-thru applications.

## Tool Clearance Optimized

Slim nose diameter offers **better tool clearance compared to vises and other prismatic workholding devices.**

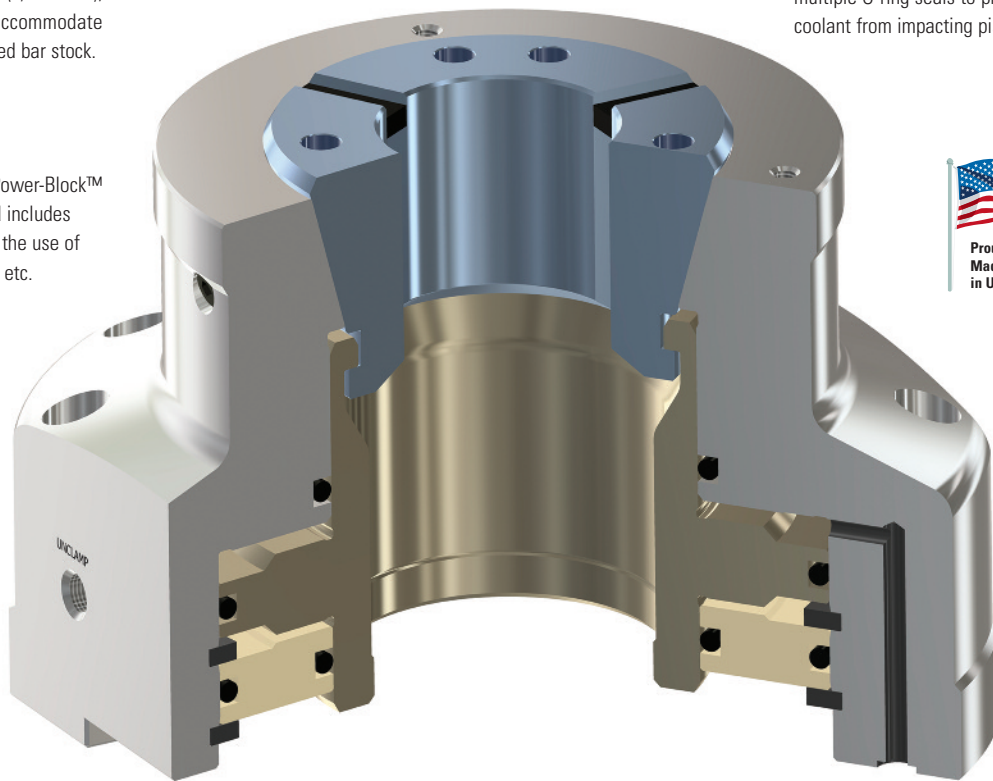
## Extreme Grip Force

The gripping segments of Royal Quick-Grip™ collets always remain parallel to the workpiece over their full length, ensuring grip force is evenly distributed. This is a **significant advantage for thin-walled parts that are susceptible to crushing.**

## Completely Sealed

Lubricated for life, these fixtures incorporate multiple O-ring seals to prevent chips and coolant from impacting piston movement.

**NEW**



## Dual-Port Actuation

All units are equipped with hydraulic ports on both the side and bottom surface of the fixture, offering **actuation flexibility for both fixed and rotary table applications.**

## Custom Collet Profiles

One of the greatest advantages of this workholding system is in Royal's ability to supply custom collet profiles for odd-shaped second-op gripping. See example on adjacent page.

## Precision Mounting

Internal bore and external OD are both precision-ground, offering flexibility while **ensuring accurate, repeatable mounting to plates, tombstones, etc.**

Note – Collets sold separately