



## Z-LOCK™ QUICK-CHANGE WORKHOLDING



### FINALLY... A ZERO-POINT SYSTEM WITHOUT ALL OF THE \$000's.

- ✓ Simple and Affordable
- ✓ Precision Repeatability
- ✓ Rock-Solid Rigidity
- ✓ Up to Twice the Clamping Force of Other Systems



A few turns of a hex key and you're locked in and ready to machine.  
**Simple manual actuation** makes Z-Lock™ a breeze to implement.

# The Royal Z-Lock™ Zero-Point Workholding System

## An Affordable Quick-Change System for All Machining Centers!



### Simple Manual Actuation

A few turns of a hex key and it's locked – no risk of the top plate loosening from vibration, spring wear, or air/hydraulic failure. The Royal Z-Lock™ is also **a breeze to implement** – no external air or hydraulic lines to install so you'll be running parts more efficiently in no time!

### Precision Repeatability

X-axis – 0.0001", Y-axis – 0.0001", Z-axis – 0.00005"

### Extremely Powerful Clamping Force

**Easily achieves up to 11,240lbs. (50kN)) of clamping force** – far greater than other zero-point systems (even those with a "turbo" feature). The hardened locking screw contains a large, sturdy engagement surface for failsafe operation.

### Massive Locating Surface

Up to 50% greater surface area than other brands for **superior stability and vibration dampening**.

### Superior Stud Design

Robust cross-sectional area helps eliminate vibration and flex often found in other systems.

## How it Works

### Royal Z-Lock™

The heavy-duty clamping screw of the Royal Z-Lock™ rigidly and precisely engages the matching tapered groove in the stud, providing secure, consistent clamping force.

**Simple – yet powerful and reliable!**



### Other Systems

Other systems rely on spring-loaded balls to retain the stud. Over time, springs weaken, reducing the force they can apply to the balls. This can result in vibration and increased risk of the top plate disengaging under heavy machining loads.



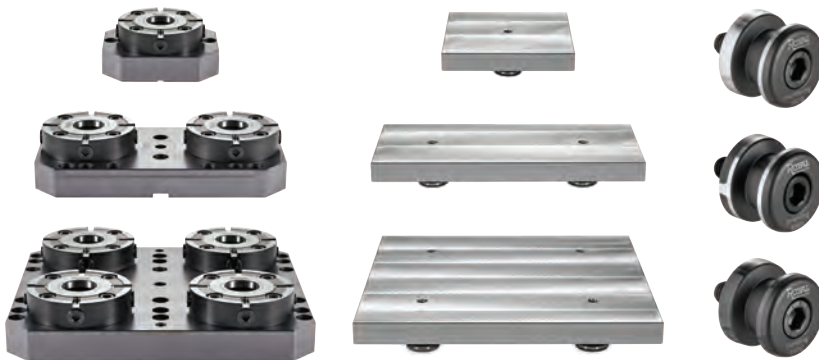
## A Popular Setup



1 pc. Z-Lock™ Dual, 2 pcs. Top Plate Dual  
**Only \$3,985**

## Easy to Understand, Easy to Use, Easy to Order!

### In-Stock for Same-Day Shipping!



DESCRIPTION	PART NUMBER	PRICE
Z-Lock™ Single	65001	\$1,445
Z-Lock™ Dual	65002	\$2,495
Z-Lock™ Quad	65004	\$4,795
Z-Lock™ Top Plate Single*	65021	\$470
Z-Lock™ Top Plate Dual*	65022	\$745
Z-Lock™ Top Plate Quad*	65024	\$1,445
Z-Lock™ Receiver Only	65000	\$765
Positioning Stud	65030	\$135
Orienting Stud	65031	\$135
Clamping Stud	65032	\$135

\*All top plates include studs

Contact Your Select Royal Products Distributor: