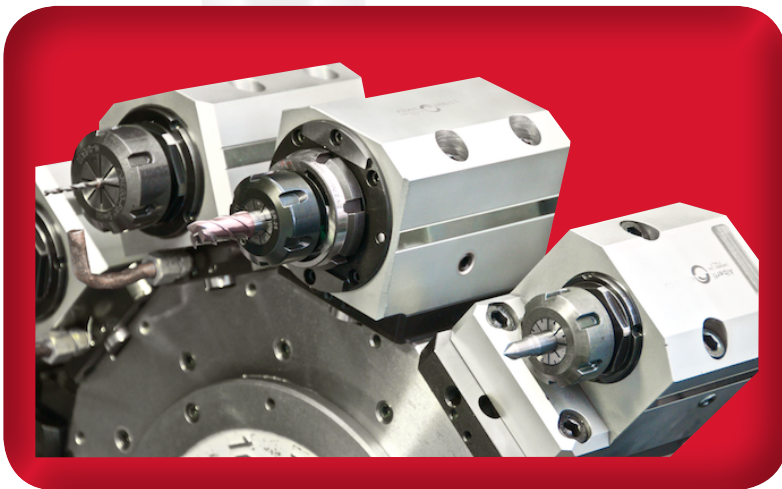




# Alberti

## HI-SMART Tools SmartChange System



20 Thompson Rd | East Windsor | CT 06088  
1.800.249.5662 | 860.623.4132 Fax  
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# HI-SMART

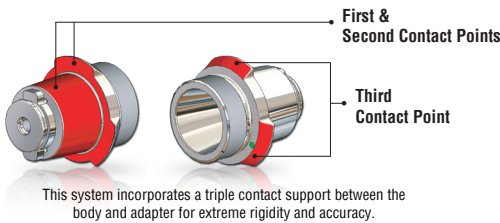
## SmartChange System



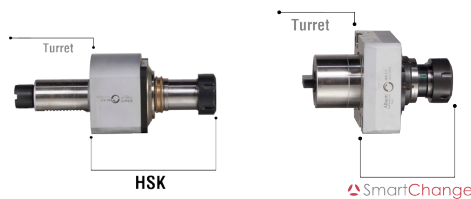
New from Alberti, a complete range of live tools with interchangeable adapters are now available in stock. The **SmartChange System** units have a standard profile with **no additional projection** to reduce the chance of interference with the machine's enclosures. Alberti's patent pending design creates **three points of contact** between the driven tool holder body and tool holder output surfaces so there is **no compromise in concentricity and rigidity** to gain the speed and convenience of quick-change tooling. With the **SmartChange System** one set of live tools can always stay in the machine with only adapters needing to be changed. This provides **improved efficiency and flexibility**, plus a reduction in overall tooling cost.

## QUICK • EASY • PRECISE

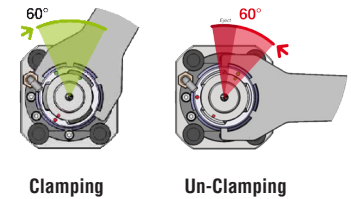
### Triple Contact System



### Low Profile



### How It Works

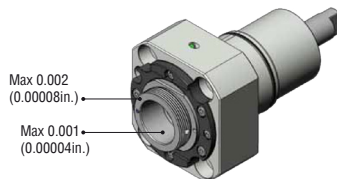


The patent pending Alberti **SmartChange** collet clamp & wrench system quickly and precisely locks the quick change adapter, reducing tool cutter changing time to a minimum.

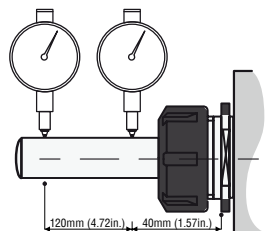
### Highest Accuracy & Repeatability

Run-Out of the Collet Chuck with Adapter Mounted Repeatability	0.006 $\mu$ m
Adapter Change Time	20 seconds
Repeatability	0.003mm (0.0001 in.)

#### Run Out with **SmartChange System**



#### Accuracy with Gauge Bar Inserted in the Collet Chuck



#### Accuracy with Gauge Bar Inserted in the Collet Chuck

at 40mm = 0.008mm (1.57in. = 0.0003in.)  
at 120mm = 0.01mm (4.72in. = 0.0004in.)

### Large Selection of Adapters



The **SmartChange System** allows for tools to be externally preset for quick job change over and increased profitability.