

## Product Information

- Compensate synchronization errors.
- Guarantee high thread quality and optimal tool life with conventional taps.
- Minimum length compensation in push and pull direction balances very small pitch differences between synchro spindle and tap, which can cause high frictional forces on the thread flanks.
- A possible increase of axial force during the tapping process is reduced to a minimum.
- Suitable for internal cooling.
- Maximum coolant pressure up to 100 bar.

## Scope of Delivery

- Includes retention nut.
- Order tapping collet, sealing washer, and clamping key separately.
- For conventional cooling order coolant delivery set separately.

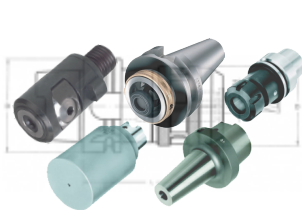
Taper (d3)	Length (l1)	Size	Part Number
HSK-A 63	95.5	ER 20	<a href="#">683.327.020.063</a>
HSK-A 100	102	ER 20	<a href="#">683.327.020.100</a>
HSK-A 63	160	ER 20	<a href="#">683.327.020.163</a>
HSK-A 63	111	ER 32	<a href="#">683.327.032.063</a>
HSK-A 100	115.5	ER 32	<a href="#">683.327.032.100</a>

Available for HSK-A 63

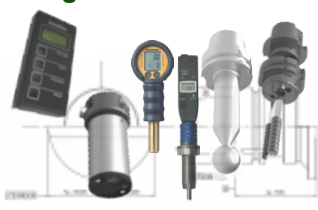
## TAC Rockford Product Line

Machine Tool Gauges, Tool Changer Alignment, Runout Test Arbors, Workholding Systems, Tool Holders, Adapters and Extensions, Tool Holder Blanks, Machine Tool Accessories, Coolant Tubes and Gauges, Heat Shrink Systems, Rapid Prototyping

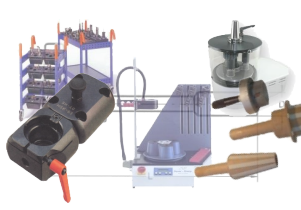
### Tool Holders



### Gauges



### Accessories



### Rapid Prototyping

