

Thermal Shrink System

The **SHRINKIN** Thermal Shrink ER Collet Chucking System is an enhancement to the popular ER system.

The **SHRINKIN** collets utilize the "thermal shrink" phenomena for rigid clamping of solid carbide end mills. The new system provides higher torque, precision runout and better repeatability.

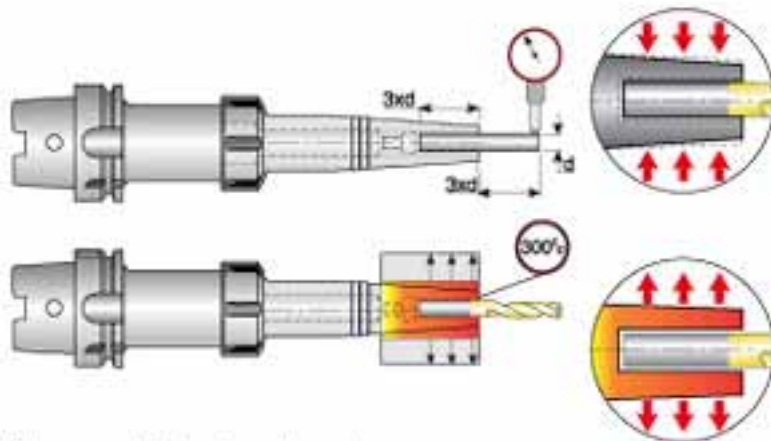
The **SHRINKIN** collets with their slim design and different projection lengths allow the user to reach into deeper cavities and perform narrow milling applications.

Iscar offers a complete system for **SHRINKIN** ER Collets, including a uniquely designed heating unit with a portable heating handle. The unit is equipped with a high-tech temperature control for easy and practical use at the machining center or in the tool room.



SHRINKIN Features Include:

- Slim design with different projections.
- Interchangeability with standard ER chucks.
- High torque transfer.
- Rigid clamping of carbide tools.
- Precision runout.
- Perfect repeatability.
- Vibration dampening.
- Coolant through the tool.
- Coolant Jet II is available.
- Symmetric design for high speed machining.
- Quick and easy tool changing.
- Unique **SHRINKIN** heating unit with portable handle.



For carbide tool only



Operating Time for **SHRINKIN** Heating Unit:
15 ~ 45 Seconds