

TOP 10 REASONS TO USE HAIMER SHRINK FIT TECHNOLOGY

Colly
VerkstadsTeknik

HAIMER®
Quality Wins.

HAIMER Power Clamp can give you the edge that will allow you to sustain a long-term competitive advantage for your company.

1 Unsurpassed machining accuracy

We guarantee < 3µm run-out at 3xD. This degree of accuracy is consistently repeatable for any number of operators from shift to shift.

2 Slim profiles

HAIMER Shrink Fit tool holders have very slim profiles. They can also be modified to a straight-walled design if needed in order to prevent tool holder collision with the workpiece.

3 Gripping torque

Our shrink fit chucks grip the cutting tool 360° around the shank on multiple planes, delivering very high gripping torque that prevents chatter during roughing or finishing operations.

4 Consistency of setup

A unique benefit of HAIMER shrink fit is that it eliminates any variation between tool changes. Removing these variables means regardless of the operator and their experience level, you will get repeatable uniformity in tooling setup and equally consistent results.

5 Extended reach options

Shrink fit extensions provide many options. For example, when machining deep cavities, you can place shrink fit extensions into standard shrink fit chucks, getting unsurpassed gage lengths with minimal run-out.

6 Balance accuracy and repeatability

We hold our shrink fit holders to the highest balance accuracy standards (G2.5@ 25,000 RPM). Since shrink fit holders have no moving parts, it offers the best balance repeatability of any tool holding system on the market.

7 Reduction of tool changing time and less tool holder accessory inventory

Nothing beats the tool change time of our shrink fit chucks when combined with the HAIMER Power Clamp shrink fit machines. Tool changes can be done in less than 5 seconds.

8 Clean bores

Run-out accuracy is often compromised if contaminants are introduced to the bore of a tool holder during machining. A shrink fit chuck is a sealed system by design. This minimizes the introduction of contaminants.

9 Coolant options

Our shrink fit chucks are available with a variety of coolant options, including our Cool Jet and Cool Flash technology, which delivers coolant down to the cutting edge of the tool. This helps clean out chips and can aid in providing better part finishes.

10 Availability

Bestseller machines are available and stocked locally. All other configurations and modifications are available per order within just a couple of weeks. Shrink fit holders are available on stock in a big variety of lengths in the most common spindle interfaces.



- Precision with 100% repeatability
- Fast tool changes – less than 5 seconds
- Easy to use – tool changes at the touch of a button
- Versatility – compatible with any shrink fit holder



Tooling Technology

Shrinking Technology

Balancing Technology

Measuring and
Presetting Technology

HAIMER Power Clamp

For fastest tool change and
highest process reliability



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