



High clamping force and rigid design means secure tools and fewer errors.

Finely balanced, symmetrical design means stable milling with less vibrations.

Effortless and safe with no complex or risky setups.

One holder fits many tools reducing your inventory.

AHB

TOOLING & MACHINERY

COMPLETE METALWORKING SOLUTIONS

(800) 991-4225

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ISO Certified

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ER HP collet chuck

Taking tool clamping to the next level.

Precision and performance in every operation

Introducing a toolholder that transforms your machining and delivers flawless results, every time. The ER HP collet chuck brings precision and performance together, ensuring your tools last longer and your cycles run faster. With its excellent run-out and high clamping force, you'll enjoy consistent quality and fewer costly errors.

Fast, stable and accurate

Push your processes with a finely balanced, symmetrical design built for high-speed and 5-axis milling. The ER HP minimizes vibration and maximizes stability, so you can achieve smoother finishes and confidently tackle demanding applications without sacrificing accuracy.

One toolholder for any application

Switching tools is quick and safe with no complicated setups or hot spots. One adaptable holder covers a wide range of tool sizes, reducing inventory and streamlining your workflow. Plus, with 100% recyclable steel and eco-friendly packaging, you're investing in both performance and the planet.



Technical specifications

Capacity:	ER08: Ø1-5 mm, ER11R: Ø1-7 mm, ER16R/ER16: Ø1-10 mm, ER20: Ø1-13 mm, ER25: Ø1-16 mm, ER32: Ø2-20 mm.
Spindle interfaces:	SA40/50, DIN69871AD, BT30/40/50/30TF/40TF/50TF, HSK-A32/A40/A50/A63/A100/E25/E32/E50, Seco-Capto C3/C4/C5/C6/C8, CAT-V40/50/V40 TF/50TF, straight shanks Ø10/12/16/20.
Clamping:	Through roller bearing heads mounted on handles or torque keys.
Runout:	3 µm at 3xD (5 µm for ER08 and straight shanks, 8 µm for Graflex).
Balancing:	G2,5-25.000 rpm or ≤ 1 g.mm (Seco-Capto™ G6,3-20.000 rpm, Graflex is pre-balanced).
Recommended max rpm:	ER08: 60.000 rpm, ER11R: 60.000 rpm, ER16R: 60.000 rpm, ER16: 42.000 rpm, ER20: 30.000 rpm, ER25: 30.000 rpm, ER32: 25.000 rpm.
Fine tuning the balancing of assemblies:	A selection of HSK ER HP collet chucks come with 4 threaded holes to enable fine tuning of the balancing of assemblies on a suitable balancing machine.

Working areas

The ER HP works at high speed in all types of materials thanks to the low runout, fine balancing and symmetrical design. It performs very well in light milling operations on 4-5 axis machines but can also be applied in roughing operations thanks to its excellent gripping force and strong rigid body.



Additional information



Seco® continuously supports more sustainable processes that also generates a return for you as a customer. We recycle any carbide product, including bars and anvils, but no steel, ceramic or cermet.

For more information about how to become a recycling partner and our recycling program, please scan the QR code or visit secotools.com/recycling

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Technical specifications are subject to change without notice.



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