



Over 30 years experience in High Speed Cutting

For over 30 years, IBAG has been a pioneer in the high-speed cutting process. IBAG offers a full line of motor spindles, suited for most applications. A selection of small sized spindles used for fine milling, drilling, and engraving are available. In addition, a wide assortment of large, powerful spindles are offered for heavy milling and for CNC machining centers. High speed cutting of mold and dies as well as automotive, transferline, aerospace, aircraft and small job shop applications are all possible with IBAG spindles. The benefits of high speed machining are well known today, and IBAG delivers a proven solution including the highest technology in spindle design. IBAG provides components or the complete system, including drives, lubrication and spindle cooling. High productivity options are also available to provide the best accuracy, reliability, and quality possible. With high speeds, high power, high torque, and the complete support of a world wide service organization you can trust IBAG to be your productivity partner. With over 30 years of experience and worldwide support in HSC-Technology, we are the experts ...

... IBAG of course

Comprehensive Knowledge in High Speed Cutting



Developed for Special Customer Applications and Specifications

Custom Made IBAG Motor Spindles with High Speed and Superior Quality



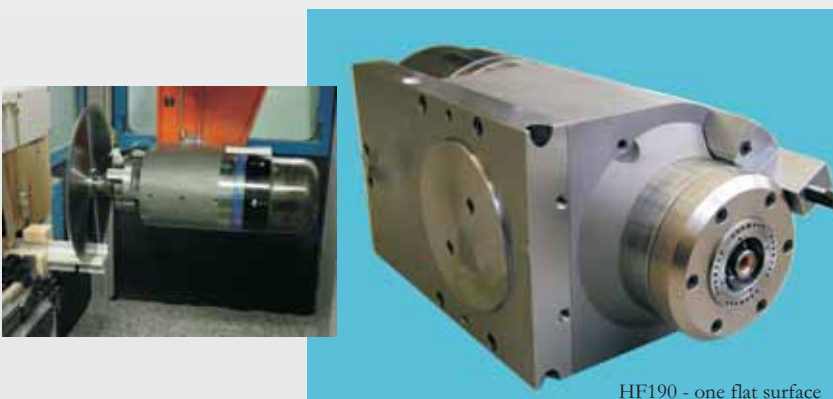
HF90 - double end shaft



HF120 - special flange



HF160 - special flange



HF190 - one flat surface

You name it - we do it for you!

Many Sizes and Types of Spindles Can Be Made to Meet a Specific Application or Specification

From very small, to mid sized, and up to very large spindles can be custom made exactly to your needs. Do you need super high speed or extreme accuracy? Or, more power with high torque at a specific speed?

Spindles are available with custom mounting flanges. One design, used on a robotic application, features a double ended shaft with collets on both sides to cut quickly without a tool change.

Type	rpm	kW	Nm	Clamping
HF90	30'000	4.2	1.4	8 mm
HF160	36'000	28.6	11.5	HSK40
HF190	38'000	16.9	5.4	HSK40

Spindle designs are possible with a square housing, or with one flat surface to adapt on the machine tool for easy 5-axis use. This design is used by the Handtmann Company.

Custom spindles can be supplied with special tooling systems and built-in drawbars for automatic tool change (ATC).

Service and Support



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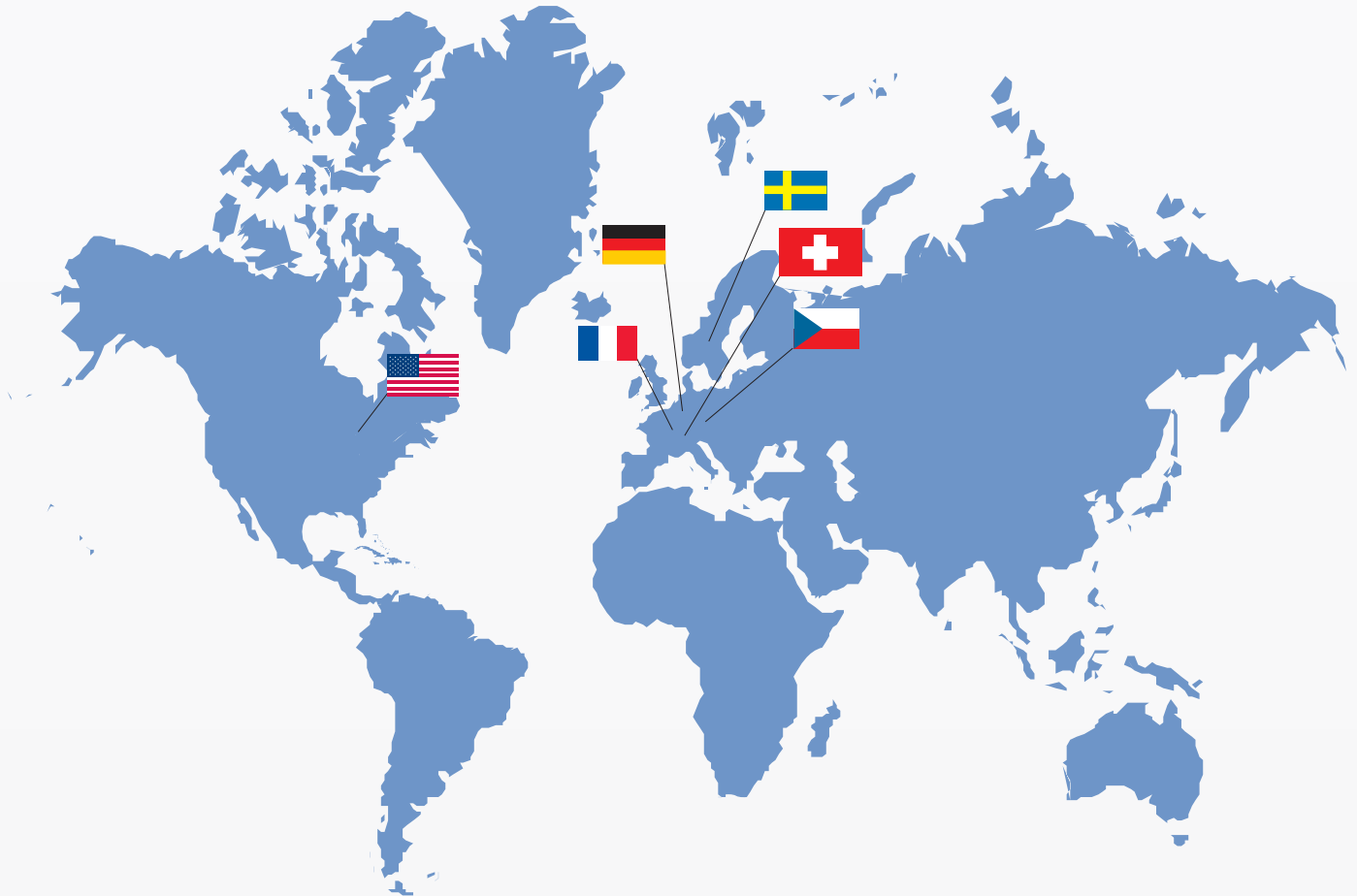
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