

## High-performance thread tapping tools



BASS HSSE machine taps and roll form taps are engineered and produced to the highest quality standards in order to:

- Reduce the cost per thread
- Maximize the end-product quality
- Optimize the tapping process

### Your PLUS

- 1 HSSE taps (High Speed Cobalt Steel): superior temperature performance and productivity compared to standard HSS taps
- 2 HSSE-PM offered as standard products
- 3 HL coating available on all taps: optimal chip evacuation, even with MQL process
- 4 Multi-purpose tools: can be used for various materials
- 5 Specific solutions developed for Aerospace applications

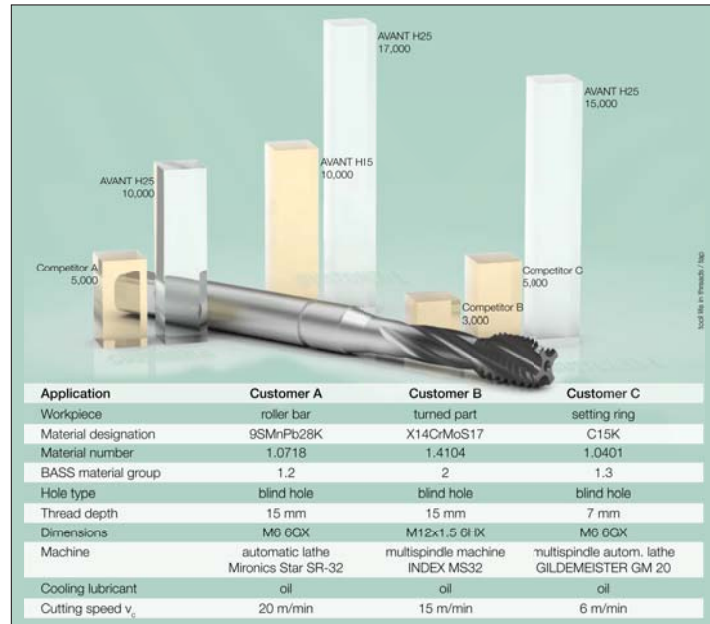
**Shorter processing time + Longer tool life = More cost-effective machining process**

**Cut faster with High-Speed Cobalt Steel (HSSE):**

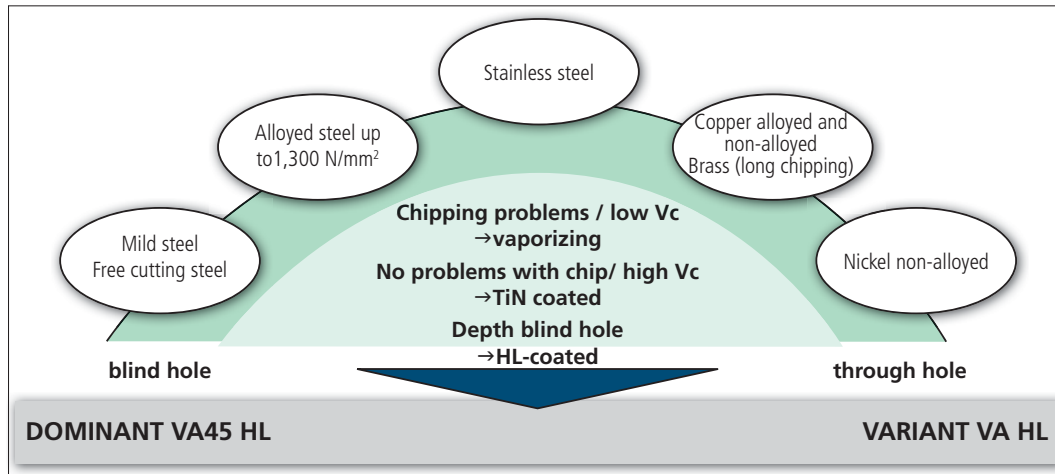
- Keeps the tool material stable at higher temperatures and increases wear resistance in comparison to HSS.
- As a result, cut faster, longer, and avoid cutting edge breakdown.

**Achieve longer tool life with:**

- HSSE-PM: superior quality powder metal high-speed cobalt steel with a hardness close to that of solid carbide, extremely high wear resistance and high toughness.
- HL coating
  - Ensures optimal chip evacuation
  - Suitable for dry cutting, MQL process or emulsion with low oil content



**The right tool for each application**







**BASS offers a complete selection of HSSE and HSSE-PM machine taps and roll form taps:**

- For through holes and blind holes
- With axial or radial internal coolant
- With coatings optimized for all workpiece materials
- For all thread types
- In a wide range of inch and metric sizes

**Aerospace program**

BASS has developed tools with specific geometries (TiH and Ni) that provide reliable performance in uniquely challenging materials commonly used in the aerospace industry.

	Titanium Alloys (>700 N/mm <sup>2</sup> ) and Nickel Alloys (<1,200 Nmm <sup>2</sup> )	Nickel Alloys (<1,200 Nmm <sup>2</sup> )
For through holes	 VARIANT TiH	 VARIANT Ni
For blind holes	 AVANT TiH	 AVANT Ni

KOMET promotes the attractively priced BASS tapping tools with a stocking program for North America, a full catalog of standard tools, and special tools available upon request.

**Contact us for more information!**

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