

TROCHOIDAL 5-FLUTE CUTTERS

 **DORMER**



Available in metric only

FEATURES & BENEFITS

S771HB (short) / S773HB (long)

- Suitable for narrow pocketing, trochoidal slotting and profiling applications.
- A five-flute design for **increased feed rates** up to 25%, compared with four-flute tools.
- Through coolant to **improve welding resistance** and enable a wide range of processes.
- FS chip divider to break chips into manageable smaller pieces, helping to **reduce spindle load and increase metal removal rates**.
- Positive rake angle for **smooth cutting action** in stainless steel and super-alloys
- AlCrN coating for thermal stability, reduced friction, excellent wear resistance and **prolonged durability**.
- Neck recess feature to **avoid contact with the wall** in shoulder operations.
- Unequal helix for **chatter free machining and excellent surface finishing**.
- Small corner radius and a specific cutting edge design to provide a **stable performance, reduce chipping and prolong tool life**.
- **Maximum productivity** due to optimal metal removal rate and reduced machining time.

S770HB (short) / S772HB (long)

- For profiling, trochoidal slotting, and semi-finishing applications
- A five-flute design for **increased feed rates up to 25%**, compared with four-flute tools.
- Positive rake angle for **smooth cutting action** in stainless steel and super-alloys, reducing the risk of work-hardening.
- Small corner radius and a specific cutting edge design to provide a **stable performance**, reduce chipping and prolong tool life.
- Unequal helix for **chatter free machining and excellent surface finishing**.
- AlCrN coating for thermal stability, reduced friction, excellent wear resistance and **prolonged durability**.
- **Maximum productivity** due to optimal metal removal rate and reduced machining time.

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