SHARP EDGES.

CNC milling tools for sign making
**Single tooth cutters Varius®**

- large flute for optimal chip removal
  - 30° spiral flute
- our all-rounder for plastics, non-ferrous metals and wood
- the specialist for aluminium composite plates/Dibond®
- also available with a super-hard carbon coating
- single diameters available with diamond coating
- cutting edge diameters from 0.2 to 12 mm

**Single tooth cutters with polished flute**

- extremely sharp cutting edge
  - polished 25° spiral flute
- perfect for milling acrylic glass
- 25° spiral flute for a quick chip removal
- faceted rear and polished flute reduce the risk of clogging
- especially long cutting edges and undercuts available
- cutting edge diameters from 1 to 12 mm
**V-slot cutters for aluminium composites**
- 90° top angle
- Balance grinding for optimal bending radius
- Bottom grinding for rectangular bendings in aluminium composites/Dibond® of up to 4 mm thickness
- Balance grinding for high rates of feed and smooth running
- Also available with a super-hard carbon coating
- Uncoated types are regrindable
- Bottom width 1.8 and 3.0 mm

**Double tooth cutters for wood**
- Tool tip optimized for quick immersion
- Nearly straight spiral flutes (1°)
- Super-hard carbon coating for long endurance
- Cutting edge diameters from 2 to 10 mm
- Optimally suitable for all kinds of wood and laminates
- No fraying of the workpiece edges
- Balance grinding

**Gravers**
- Engraving widths from 0.1 to 1.0 mm
- Top angles from 15° to 90°
- Universally applicable in plastics, wood and non-ferrous metals
- Cutting edge diameters from 2 to 10 mm
- Different top angles and engraving widths
- Balance grinding

**Triple tooth cutters for foam**
- 15° steep spiral flutes
- Polished flutes
- Extra long undercut
- Optimized for polyethylene (PE) and polyurethane (PU)
- Especially steep spiral flutes for quick chip removal
- Cutting edge diameters from 3 to 12 mm
- Special geometry prevents fraying workpiece edges
- Regrindable
Exceptional tools made in Germany

- 250,000 tools on stock
- > 30 years in the business
- own tool production at our HQ in Ammerbuch, Germany, with top-notch machinery
- find a broader range of tools for thread cutting, polishing, milling, engraving, cutting and more at shop.vhf.de
- online shop orders will be delivered free of shipping costs
- same-day order shipping for all orders placed by noon (CET)
- for advice on our tools please call: +49 7032 97097 430
- your order hotline: +49 7032 97097 400

first-class quality thanks to own production on highly precise 6 or 7 axis grinding centres