

## engraflexx LC-S / brush deburring

The combination with the engraflexx LC-S deburring tool has considerable advantages with regard to process safety, reducing operating costs and improving quality compared to deburring with fixed clamped brushes.

The core element of the tool is the tool spindle, which is spring mounted in the axial direction. The deburring brush therefore always affects the tool with even pressure – and consistent ratios means consistent results.

### Field of application

Rational, process-safe deburring of tools with complex and/or undefined edges.

Mainly used for tools made from aluminium, GGG, GG, etc.

### General information

- Use in machining centres, automatic lathes, special systems, robots etc. (no additional installations required)
- Direct drive via machine spindle resp. power unit
- Standard model with 20 mm Weldon shank (various HSK, SK or special holders optionally available)

### Werkzeug-Spezifikationen Tool specifications

- Stable mounted, **tool spindle that is axially movable by up to 20 mm**
- Adjustable force of the axial spindle deflection
  - stepless adjustment via knurled sleeve
  - setting readable on engraved scale
- Collet chuck for holding the processing tools
  - standard diameter 6 mm (further diameters on request)
- Extremely high degree of process reliability due to mechanical deflection function integrated into the tool
  - designed for series production, completely maintenance-free

### Advantages compared to fixed clamped brushes

- Automatic wear compensation of the deburring brush
  - **less brush wear**
  - **conditions always consistent**
  - **no periodic readjustment required**
- Easy to use, low-wear brushes (usually with stainless steel wire)
  - **no contamination of the coolant due to abrasive residues**
  - **massive savings when purchasing brushes in some cases**

