

engraflexx SX / BA (special design for brush application)

The unique stability and the extremely quiet operation of the lateral deflection spindle are the main features of the engraflexx SX. This tool system is used for deburring or part reworking on robots or special systems, and also on CNC machines.

Anywhere where contours are being machined on workpieces whose dimensional or position differences have to be compensated for automatically and with maximum process-safety.

The result: deburring or part reworking is always carried out evenly, regardless of any dimensional or positional deviations.

Range of application

Defined, fine deburring and rework of arbitrary workpiece contours with radial brushes, grinding or polishing tools.

General information

- Universal use in robots and special systems
- Any drive motor can be fitted
- Stable flange mounting
- Use of a wide range of tools possible, such as
 - Radial brushes
 - Grinding bits or polishing tools
 - Router bits

Tool specifications

- Integrated, lateral deflection function up to max 15 mm
- Collet chuck for holding the processing tools
 - standard diameter 6 mm (further diameters on request)
- Lateral spindle deflection with adjustable deflection force
 - stepless adjustment via knurled sleeve
 - setting readable on engraved scale
- Separate, extremely stable spindle bearing
- Total weight of the spindle unit: 1.8 kg

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)
 - massive savings when purchasing brushes in some cases

