

## **Parallel system type PR-E for HELICOIL® and HELICOIL® plus installation tools**

### **3-axis parallel system with positioning control**

Parallel system type PR-E for quick, accurate and manual positioning of the HELICOIL® plus installation tools. The type PR-E is a universal, flexible, cost-effective positioning system with programmable, user defined position settings.



- Position detection on the X- Y- and Z-axes
  - Monitoring of installation depth, installation position and progress of the HELICOIL® installation process
  - 10 programs
  - Memory for 25 installation positions per program
  - Control outputs, e.g. for controlling magnetic valves (24DC) for pneumatic clamping devices
- The type PR-E is suitable for use with the HELICOIL® plus installation tool type E-S410 (other electrical screwing tools on request).

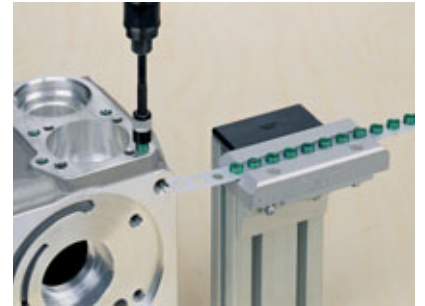
The large extension length opens up a broader operating range. The tool is always precisely vertically aligned, eliminating tool torque reactions.

#### **Other benefits:**

- No quality problems caused by forgetting the operating position of the HELICOIL® plus
- Installation depth assured
- Installation faults are recorded

## Included in delivery of type PR-E

- Support arm with positioning control
- Regulator unit (can be networked together with others)
- Electrical screwdriver 0.9 – 3.5 Nm 730 U/min ¼" hex. with start lever
- Operating box
- Maintenance unit



## Accessories

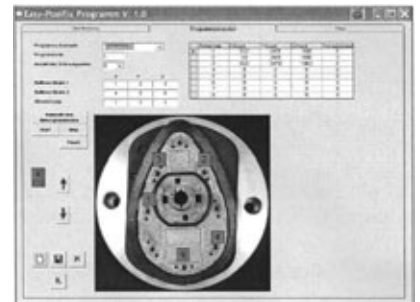
- Pneumatic tang break-off tool for HELICOIL® plus
- Adaptor/control device
- HELICOIL® plus "pick and place" System  
The simple handling of the HELICOIL® plus with shorter assembly times.
- Stationary roll holder for HELICOIL® plus STRIPFEED®  
(65000 0182 080 0004)

## Software package

Easy-to-use, accurate PC software for teaching the system the installation positions.

The X- and Y-axis coordinates can be taken from assembly drawings (where available). The program needs an assembly drawing or a photo of the workpiece where the position of each screwing point is marked.

In the operating mode, the installation points are displayed on the workpiece photo as each point is completed.



## Control unit

Control unit for easy programming and loading of screwing points.

Also manages communications with the PC.

Control outputs, e.g. for controlling magnetic valves (24DC) for pneumatic clamping devices.

Workpiece holder detection with automatic program switching.

## Technical data

|          |  |                       |                     |
|----------|--|-----------------------|---------------------|
| Type     | max.<br>work angle                       | z-axis<br>work height | max.<br>tool weight |
|          | 300°                                     | 80 mm – 420 mm        | 2.0 kg              |
| PR-E 400 | y-axis working radius (extension length) |                       | stand total weight  |
|          | 160 mm – 400 mm                          |                       | 6.3 kg              |

# BÖLLHOFF