



## E-PSG and ES-410

Electrical installation tool for HELICOIL® thread inserts

**BOLLHOFF**

**HELICOIL® Electrical installation tool – Type E-PSG**



The new electrical installation tool type E-PSG for HELICOIL® plus and HELICOIL® tangfree thread inserts has to be equipped with a dimension-dependent exchange unit. The tool is especially suited for the installation of HELICOIL® inserts in medium and large-scale volume production during specific installation situations, for instance in clean room applications or in the aerospace industry.

**Advantages**

- Rotating direction switches automatically to left-handed rotation when it reaches the adjusted installation depth
- Manual switching possible (interference suppression)
- Brushless drive for clean room applications
- Soft start adjustable via ramps
- High flexibility and compability
- Use of existing leader cartridge for pneumatic tools
- Stripfeed option for magazine processing of HELICOIL® plus

Futher technical characteristics see ES-410.

**Technical data**

Length: 250 mm  
 Weight: 750 g  
 Dimensions: M 2,5 – M 6  
 (M 8 and M 10 on request)  
 Maximum speed: 1200 rotations per minute/ininitely variable  
 Order No\*: **0160 470 0000**

**HELICOIL® plus and HELICOIL® tangfree exchange units**

Exchange unit



Nominal length Ø	Exchange unit HELICOIL® plus free running and screwlock	Exchange unit HELICOIL® tangfree free running	Exchange unit HELICOIL® tangfree screwlock
M 2.5	0160 272 5050	5160 372 5050	5160 372 5052
M 3	0160 270 3050	5160 370 3050	5160 370 3052
M 4	0160 270 4050	5160 370 4050	5160 370 4052
M 5	0160 270 5050	5160 370 5050	5160 370 5052
M 6	0160 270 6050	5160 370 6050	5160 370 6052

\*Please consider, that the exchange unit has to be ordered separately.

## HELICOIL® Electrical installation tool – Type ES-410



Because of its improved handling, the electrical installation tool type ES-410 facilitates the quick processing of HELICOIL® plus thread inserts.

All technical characteristics are identical to those of the installation tool type E-PSG.

Due to the brushless drive, all requirements concerning clean room applications are also fulfilled.

### Optimisation

- Torque adjustable at the control unit
- Direction of rotation switches automatically to left-handed rotation when the required installation depth is achieved
- Manual switching possible (interference suppression)
- Brushless drive for technical cleanliness
- Multilingual display (German, English, Italian, Spanish)
- Wide range of accessories (piece counter, mandrel holder etc.)

### Technical data

Length:	280 mm
Weight:	570 g
Dimensions:	M 4 – M 10
Maximum speed:	1200 rotations per minute/ininitely variable
Tool holder:	Quick-change chuck 1/4" hexagon socket with radial bearing for installation mandrel
Order No*:	<b>4160 540 0000</b>

### HELICOIL® plus installation mandrel

Installation mandrel  
HELICOIL® plus



Nominal length Ø	Mandrel HELICOIL® plus free running	Mandrel HELICOIL® plus screwlock	Mandrel HELICOIL® tangfree free running	Mandrel HELICOIL® tangfree screwlock
M 4	4160 230 4020	4160 230 4022	5160 320 4020	5160 320 4022
M 5	4160 230 5020	4160 230 5022	5160 330 5020	5160 330 5022
M 6	4160 230 6020	4160 230 6022	5160 330 6020	5160 330 6022
M 7	4160 250 7020	4160 250 7022	–	–
M 8	4160 250 8020	4160 250 8022	5160 350 8020	5160 350 8022
M 9	4160 250 9020	4160 250 9022	–	–
M 10	4160 251 0020	4160 251 0022	5160 351 0020	5160 351 0022

\*Please consider, that the installation mandrel has to be ordered separately.

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