

BÖLLHOFF

HELICOIL® E-PSG 256 Quick Exchange

Quick and process-reliable switch of different dimensions



HELICOIL® E-PSG 256 Quick Exchange – Quick and process-reliable switch of different dimensions

By developing the HELICOIL® E-PSG 256 Quick Exchange, Böllhoff sets new standards for demanding industries. This electrical installation tool as the next generation represents the highly reliable assembly of HELICOIL® Classic, HELICOIL® Tangfree and HELICOIL® Plus. HELICOIL® E-PSG 256 Quick Exchange is an optimal solution to ensure excellent tool life, process reliability and reduced installation time. Benefit from these advantages, particularly in medium to large scale industries.

Exchange units

HELICOIL® E-PSG 256 Quick Exchange is equipped with a dimension-dependent exchange unit. This enables a mechanical depth control with the compensation washers directly on the exchange unit.

The exchange units are available for dimensions M 2.5 – M 6, UNC 4-40 to UNF ¼"-28. The versions are specific to the type of HELICOIL®.

Types:



Version without tang



Version with tang; bulk



Version with tang; strip feed

Existing pneumatic preload cartridge systems can be still used.

BitBox



- BitBox with dimension-specific adapters for an optimal identification of exchange units (see page 4)
- Selects programs and enables automatic correlation
- Gives optical feedback about programs in or to use
- Buttons to confirm or reset program steps

Quick Exchange system



- Standard fixation of exchange units in special basic tool
- Simplified insertion of basic tool in quarter-turn fixation
- Easy locking of basic tool due to quarter-turn function
- Quick change between dimensions

Your advantages at a glance

- Quick changing of exchange units between different HELICOIL® types, dimensions and lengths
- Time saving
- Encased brush electric motor for clean room environments
- Small and fully transportable tool
- Simple adjustment of torque values
- Easy control of screwing/unscrewing and ramp up speeds

Tool and control unit



The tool HELICOIL® E-PSG 256 Quick Exchange is supplied with a process control unit that, once set to the recommended parameters, guarantees a reliable HELICOIL® installation.

Indicator lamp (red/green) provides optical feedback about installation result.

- Optimised software for HELICOIL®
- Automatic change-over upon reaching the screw-in depth
- Torque values and ramp up speeds are easy adjusted and controlled
- An encased brush electric motor makes the tooling suitable for clean room environments
- Manual reverse override switch also fitted
- Presetting of up to eight different programs
- Display program names and sequences individually adjustable
- Piece counter integrated



Installation device

For industries requiring rationalisation and optimum workstation layouts, the HELICOIL® E-PSG 256 Quick Exchange can be integrated into a parallel system which includes a strip feed holder.

The system takes the weight of the tool and enables a correct locating, ensuring that every installation is quick and precise.

Parallel system can be ordered optionally: 0182 080 0003.



Exchange units and BitBox adapter

Please find in the following charts the dimension-specific exchange units and the corresponding BitBox adapters. The selection should be done according to the required HELICOIL® thread inserts. They have to be ordered together with the complete installation tool.

HELICOIL® Classic and HELICOIL® Plus, bulk

Dimensions	Exchange unit	BitBox adapter
M 2.5	0160 272 5050	0160 872 5060
M 3	0160 270 3050	0160 870 3060
M 4	0160 270 4050	0160 870 4060
M 5	0160 270 5050	0160 870 5060
M 6	0160 270 6050	0160 870 6060
UNC 4-40	0160 176 5650	0160 876 5660
UNC 6-32	0160 176 7650	0160 876 7660
UNC 8-32	0160 176 8650	0160 876 8660
UNF 10-32	0160 176 9750	0160 876 9760
UNF 1/4-28	0160 177 4750	0160 877 4760

HELICOIL® Classic and HELICOIL® Plus, STRIPFEED®

Dimensions	Exchange unit metric: ≤ 1.25 D imperial: ≤ 2 D	Exchange unit metric: 1.5 – 2 D	BitBox adapter
M 2.5	0160 272 5052	0160 272 5053	0160 872 5061
M 3	0160 270 3052	0160 270 3053	0160 870 3061
M 4	0160 270 4052	0160 270 4053	0160 870 4061
M 5	0160 270 5052	0160 270 5053	0160 870 5061
M 6	0160 270 6052	0160 270 6053	0160 870 6061
UNC 4-40	0160 176 5653	–	0160 876 5661
UNC 6-32	0160 176 7653	–	0160 876 7661
UNC 8-32	0160 176 8653	–	0160 876 8661
UNF 10-32	0160 176 9753	–	0160 876 9761
UNF 1/4-28	0160 177 4753	–	0160 877 4761

HELICOIL® Tangfree, bulk and STRIPFEED®

Dimensions	Exchange unit	BitBox adapter
M 2.5	–	–
M 3	5160 370 3050	0160 870 3062
M 4	5160 370 4050	0160 870 4062
M 5	5160 370 5050	0160 870 5062
M 6	5160 370 6050	0160 870 6062
UNC 4-40	5160 376 5650	0160 876 5662
UNC 6-32	5160 376 7650	0160 876 7662
UNC 8-32	5160 376 8650	0160 876 8662
UNF 10-32	5160 376 9750	0160 876 9762
UNF 1/4-28	5160 377 4750	0160 877 4762

Order example: Selection of the dimension HELICOIL® UNF 10-32 → corresponding exchange unit: 0160 176 9750 → selection of adapter: 0160 876 9760

Important information: blank adapter

To ensure the correct operation of the automatic dimension recognition and program changing, all tool spaces have to be occupied in the Bitbox. If you do not need to use all eight tool spaces, please fill the free, un-used spaces with a blank adapter (item no. 0160 870 0069).

Example: You need only HELICOIL® Plus UNF 10-32 and HELICOIL® Tangfree M 6 with the corresponding exchange unit and the BitBox adapter (two tool spaces needed). The remaining six tool spaces must be filled with the blank adapters.

HELICOIL® E-PSG 256 Quick Exchange – Delivery scope

Control unit
EDU2AE/TOP/E

Basic tool

Cable

Electric motor type
Pluto 3 including
Quick Exchange
system

BitBox



Complete installation tool

The item number for the complete installation tool is: 0160 870 0000.

Delivery scope:

- Control unit EDU2AE/TOP/E
- Electric motor type Pluto 3 including Quick Exchange system
- BitBox without dimension-dependent adapter (for selection please see page 4)
- 4 x basic tool*
- Cable and wrench
- Plastic case with foam material inlay
- Operating instructions

* If more than 4 HELICOIL® dimensions are required, please order another basic tool for each dimension (item no. 0160 870 0040).



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Böllhoff Group

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