# Motor

for HELICOIL<sup>®</sup> pneumatic installation tool P-PSG 714

Motor for leader cartridge tools to process HELICOIL<sup>®</sup> Plus Free Running and HELICOIL<sup>®</sup> Plus Screwlock thread inserts.

### Size range:

- M7–M14 x 1.25 (except M14)
- UNC 5/16"-18 to UNC 1/2"-13
- UNF 5/16"-24 to 1/2"-20

## Suited for:

• P-PSG 714 pneumatic installation tool

### Note:

• For M14, you need motor 01600900011/10

Technical information can be found on the last page.





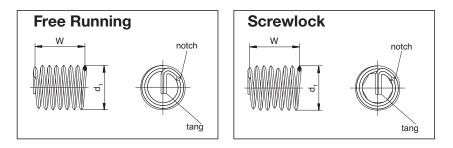
□ 1/2



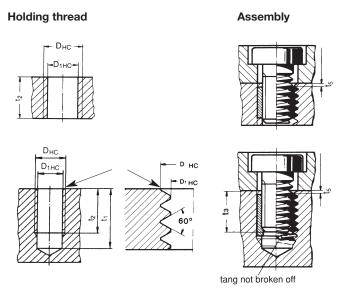
Böllhoff Group · Archimedesstr. 1-4 · 33649 Bielefeld · Phone: +49 521 4482-1387 · fat@boellhoff.com · eshop.boellhoff.de/en/home

This document was generated automatically. Subject to technical changes and errors. Distribution as well as duplication of this document, its utilisation and communication of its content only permitted with express consert.

# HELICOIL® Plus thread inserts



W and  $d_1$  are the control values for thread inserts (Free Running and Screwlock) before they have been installed. The length can only be measured for installed thread inserts.



Prior to tapping, counter-bore 90° and deburr. Outside diameter of **countersink** =  $D_{HC}$  + 0.1 mm.

- d = Nominal thread diameter
- P = Thread pitch
- $d_1 \quad = \mbox{ Outside diameter of thread insert prior to installation} \\$
- W = Number of threads prior to installation
- $D_{HC}$  = Outside diameter of the parent thread
- $D_{1HC}$  = Crest diameter
  - = Suitable twist drill diameter. Please note:  $D_{1HC}$  is critical for selecting the correct twist drill diameter.
- $t_1$  = Minimum depth of tapped hole according to DIN 76 Part 1 (guide value)
  - = The nominal length of the thread insert corresponds to the minimum length of the full parent thread for blind holes or the minimum plate thickness for a through hole.
  - = Maximum screw-in depth when the tang is not removed
  - Distance of the thread insert from the joint face = 0.25 to 0.5 P, if t<sub>2</sub> corresponds to the abovementioned minimum value

When you use HELICOIL® Plus thread inserts for volume production, we recommend to add at least 1 x P to values  $t_1$  and  $t_2.$ 

t<sub>2</sub>

t3

 $t_5$ 



В

Böllhoff Group · Archimedesstr. 1-4 · 33649 Bielefeld · Phone: +49 521 4482-1387 · fat@boellhoff.com · eshop.boellhoff.de/en/home

This document was generated automatically. Subject to technical changes and errors. Distribution as well as duplication of this document, its utilisation and communication of its content only permitted with express consert.