# Clutch for installation mandrel

**for HELICOIL® pneumatic installation tool**



Coupling for the installation mandrel of pneumatic installation tools.

**Suited for:**

- P-PSG 256 and P-PSG 256 SF pneumatic installation tools
- E-PSG 256 electrical installation tool

Technical information can be found on the last page.

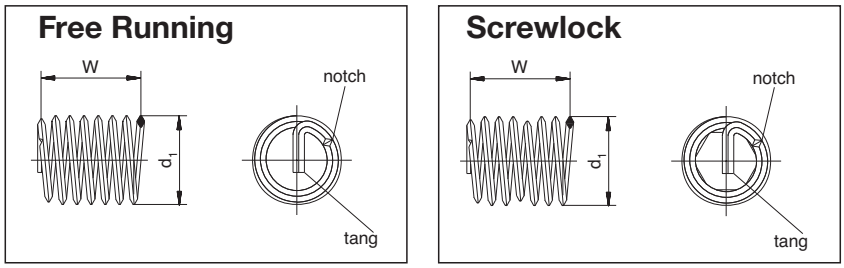
| Diameter (d) | Article number |
|---|---|
| 2.5 - 5.0 | 01601700006 |
| 6 | 01601700066 |

All technical data refer to the measure mm



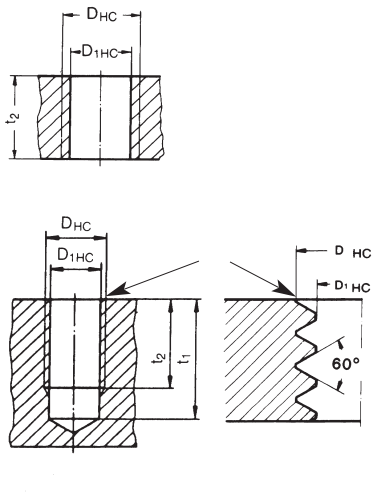
All technical data without obligation. Subject to technical changes and errors.

# **HELICOIL® Plus** thread inserts

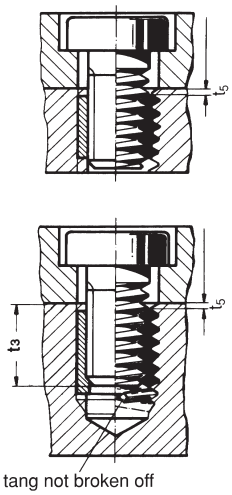



W and $d_1$ are the control values for thread inserts (Free Running and Screwlock) before they have been installed. The length can only be measured for installed thread inserts.

**Holding thread**




**Assembly**




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

d = Nominal thread diameter
P = Thread pitch
$d_1$ = 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
B = 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)
$t_2$ = 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.
$t_3$ = Maximum screw-in depth when the tang is not removed
$t_5$ = Distance of the thread insert from the joint face = 0.25 to 0.5 P, if $t_2$ corresponds to the above-mentioned 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 $t_2$.

All technical data refer to the measure mm


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