#### **Battery power pack installation tool**

B-S 206 battery-powered installation tool to easily and economically install coil thread inserts.

#### The following sizes can be processed:

- M2 to M6
- UNC 2-56 to UNC 1/4"-20
- UNF 4-48 to UNF 1/4"-28

#### Note:

• Processing with installation mandrels (to be ordered separately)

#### **Properties:**

- Idle speed: 200 rpm and 600 rpm, reversible
- Torque: adjustable in 21 steps from 0.3 Nm to 2.9 Nm/4.4 Nm max.

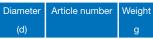
communication of its content only permitted with express consert.

- Tool holder: 1/4" hexagon socket
- Battery charging within approx. 30 minutes
- Weight incl. battery: 0.5 kg

#### Delivery scope:

- Cordless straight gun screwdriver (bendable)
- 2 pieces battery pack 3.6 V, 1.5 Ah
- Quick charger
- Case

Technical information can be found on the last page.

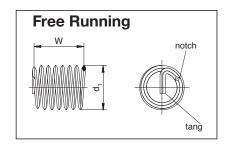


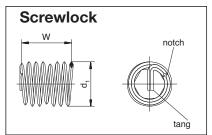
M2 - M6 41604300000 500



# All technical data refer to the measure mm

#### **HELICOIL® Plus** thread inserts





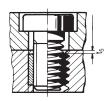
W and  $d_1$  are the control values for thread inserts (Free Running and Screwlock) before they have been installed. The length can only be measured for installed thread inserts.

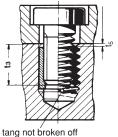
#### **Holding thread**

### 

## DHC D HC COO

#### **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<sub>1</sub> = Outside diameter of thread insert prior to installation
- W = Number of threads prior to installation
- $D_{HC}$  = Outside diameter of the parent thread
- D<sub>1HC</sub>= Crest diameter
- Suitable twist drill diameter. Please note:
  D<sub>1HC</sub> is critical for selecting the correct twist drill diameter.
- t<sub>1</sub> = Minimum depth of tapped hole according to DIN 76 – Part 1 (guide value)
- t<sub>2</sub> = 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<sub>3</sub> = 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 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  $t_2$ .