

FireBird Pro Threaded Insert Tool

Battery operated · Places threaded inserts up to M10 Alu, M8 steel, M6 stainless steel

With a force of 15,000 N and the tried-and-tested brushless motor, the **FireBird Pro** is powerful and fast when setting blind rivet nuts of up to M8 steel, M6 stainless steel and M10 aluminum.

Since no wear-prone brushes are used, the motor of the **FireBird Pro** has an extremely long service life, is virtually non-wearing and reliably guarantees the fastest setting frequencies. The setting tool is controlled solely by the setting force adjustment. The thread of the blind rivet nut is therefore optimally protected while ensuring the blind rivet nut is securely anchored in the material.

With the 18-volt battery power supply, the tool is suitable for flexible, cordless use on construction sites and in industrial manufacturing. Drilling of the blind rivet nut is performed with optimised torque and automated shutdown. The mechanism for triggering the riveting process is functionally separated from the drilling process and, once the riveting process is complete, the **FireBird Pro** provides an automatic drilling function.

The tool is robust and features an impact-resistant housing. Furthermore, the balanced position of its centre of gravity and the convenient handle allow you to keep working while avoiding fatigue.



Child's play!

- 1 Read off number
 - 2 Enter number
 - 3 Set blind rivet nut
- ➔ Done!



Part no: 167 9668



Part no: 167 9669



Part no: 167 9670



Part no: 167 9671



Technical Data

- Setting Force** : 15,000 N
Weight : 2.4 kg with battery (2.0 Ah)
Drive : Brushless motor
Stroke : 10 mm

Placing Capability

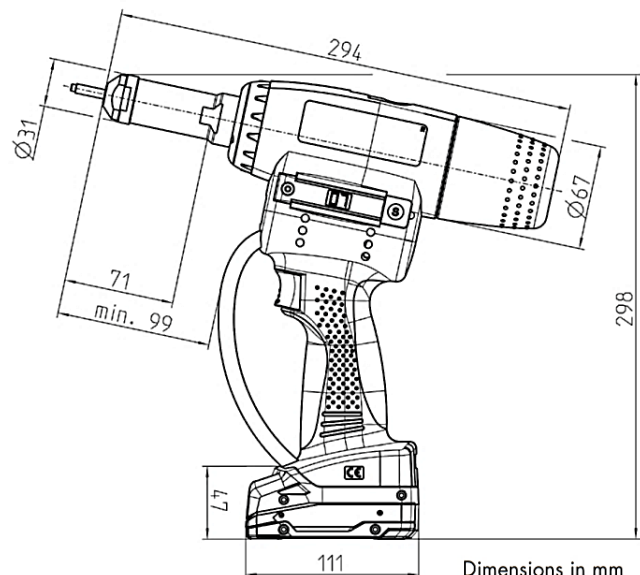
Blind rivet nuts up to M10 aluminium, M8 steel, M6 stainless steel

Threaded Mandrel & Nosepiece

Power per battery charge

Size ø	Material	Approx pc / battery charge	Mandrel	Nosepiece
M3	Aluminium	1,200	143 6211*	143 6218*
	Steel / Stainless	1,100		
M4	Aluminium	1,100	143 6212	143 6219
	Steel / Stainless	1,000		
M5	Aluminium	950	143 6213	143 6220
	Steel / Stainless	900		
M6	Aluminium	900	143 6214	143 6221
	Steel / Stainless	800		
M8	Aluminium	850	143 6215*	143 6222*
	Steel / Stainless	550		
M10	Aluminium	750	143 6216*	143 6223*

*Sold separately



Dimensions in mm

SYMBOLS FOR BATTERY AND CHARGER



CAS battery
18 V/2.0 Ah
(Li-Ion) in scope
of delivery



2 CAS batteries
in scope of
delivery



1 Charger
18 V Li-Ion
in scope of
delivery



Tool is delivered
in the L-BOXX



Tool is delivered
in a carton

ADVANTAGES OF SETTING FORCE ADJUSTMENT

- Controlling the tool through setting force adjustment protects material and thread and anchors blind rivet nuts securely in the material
- Quick and easy setting force adjustment via the display
- Does not need to be adjusted in case of changing material thicknesses or different lengths of blind rivet nuts

TOOL FEATURES

- Foolproof operation
- Virtually no wear by brushless motor
- Modern Li-Ion battery technology
- Controlled solely by the setting force adjustment
- Intelligent error message
- Almost double the pulling displacement from 5.5 to 10 mm
- Fully automatic screw-off procedure

Lighting

The light-emitting diodes precisely aligned to the work piece are integrated into the adjusting ring. There are three possible switch positions:

Process-controlled: The diodes remain illuminated after the setting process, which allows a continuous workflow even in bad lighting conditions. **Torch function:** Steady glow of diode (max. 10 minutes). **Lighting off:** saves electricity.

Threaded mandrel

- Mandrel quick-change system
- Nosepiece and mandrel module taken from FireFox®

LED input field

- Split LED input field
- Switches to energy-saving mode after 15 seconds
- Plastic cover to avoid damage and inadvertently changing the setting
- Presetting in steps of 10 and fine adjustment with 99 individual settings
- 10 freely selectable program memories

Trigger

- Automatic screw-on after pressing the switch

Threaded mandrel magazine

- Storage of mandrels in the practical, screw-on mandrel magazine
- Three mandrels and matching nosepieces included in scope of delivery

Autoreverse function

Immediately after mandrel break-off, this optional operating mode stops the pulling process and moves the jaw assembly back into the initial position. This saves time and energy while making sure the tool is immediately ready for use.

Li-Ion battery 18V

- Ultra M technology: Intelligent battery management for long-lasting battery packs
- Patented "AIR COOLED" charging technology
- Permanent Electronic Single Cell Protection (ESCP) when charging, for particularly long life.
- Processor-controlled charge and discharge management
- Capacity display with almost no self-discharge
- Capacity display with almost no self-discharge
- One battery pack for everything. 100% compatibility with all 18 V machines and chargers of the CAS partners



Setting force guide – Example: Steel M5

The values given are only guide values. The values should always be set slightly lower when setting for the first time!



MAXIMUM POWER – FOR EVERY APPLICATION

The CAS battery packs are particularly long-lasting and powerful. Depending on the design, they are based on Li-Ion or LiHD technology. At GESIPA® the blind riveting and blind rivet nut setting tools can be purchased as standard with 2.0 Ah battery packs - the compact 4.0 Ah battery is also available as an accessory. But of course all other available CAS battery packs can also be used with our Bird Pro devices.



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THE OPTION: LiHD BATTERY PACK 18V

- More power with the new LiHD cell technology together with a newly developed battery pack
- High-current power rails and enlarged contacts
- 3 times better conductivity with cell connectors made of a special copper alloy
- Optimum protection against dirt with fully-sealed and protectively coated electronics, as well as optimum sealing in the lid design
- Cells protected by rubber buffers
- More usable cell energy means less frequent charging
- External rubber coating of the battery pack ensures safe and non-slip positioning and also acts as shock protection

