

03/2023

BIRD SERIES

The new generation of battery technology – fast and powerful!



A member of **SFS**



GESIPA®



Bird series
Bird Pro series

THE ALLIANCE OF THE BEST

The manufacturer-independent battery system!



The Bird generation with brushless motor – reliability for a high run and fast work sequence.



Birdie®

AccuBird® Pro

**PowerBird® Pro
Gold Edition**

**AccuBird® Pro
mit Andrückauslösung**

**PowerBird® Pro
Gold Edition mit
Andrückauslösung**

iBird® Pro

The battery blind rivet setting devices with 100 % leading battery technology

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.



LI-ION BATTERY PACK 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

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



18V / 2.0 Ah



OPTIONAL:
18V / 4.0 Ah



CHARGER
12-36 V



THE BIRD PRO SERIES IS GROWING!

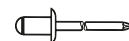
The Bird Pro series of riveting tools with the new CAS battery system is suitable for use in a wide range of application areas. Alongside the **AccuBird® Pro** all-rounder with an extremely wide range of applications and seven nosepieces included with the tool, the **PowerBird® Pro Gold Edition** for extra strong fasteners and the networkable **iBird® Pro**, the particularly small and light **Birdie®** is now also available.

Weighing only 900 g (without battery), it can set blind rivets up to 5 mm in diameter. This makes it ideal for fatigue-free work in a wide range of applications. We also offer a range of powerful rivet nut tools, optionally with setting force or stroke setting. Please contact us for help with choosing the best solution for your needs.



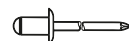
PowerBird® Pro Gold Edition

Riveting tool



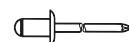
AccuBird® Pro

Riveting tool



iBird® Pro

Riveting tool



The new Bird Pro series takes full advantage of all the benefits of CAS batteries to offer real added value. Multiple devices – with just one battery system! The proven quality of the Bird Pro series combines all the benefits of BLDC technology and the high-quality GESIPA® jaw system with a long service life.

FireBird® Pro Gold Edition

Blind rivet nut setting tool



FireBird® Pro

Blind rivet nut setting tool



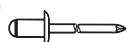
FireBird® Pro S Gold Edition

Blind rivet nut setting tool
path controlled



Birdie®

Riveting tool



NEW

TECHNICAL DATA BIRD PRO SERIES

The Bird Pro series deals easily with a wide range of applications and requirements.

Tool	Material / Ø	Setting force	Power unit	Stroke
Birdie® 	 <div>Ø 2.4 up to 5.0 mm</div> <div>Ø up to 6.0 mm</div>	10,000 N	Brushless DC motor (BLDC)	25 mm
AccuBird® Pro 	 <div>Ø 2.4 up to 6.0 mm</div>	13,000 N	Brushless DC motor (BLDC)	25 mm
AccuBird® Pro <i>with spring-loaded trigger system</i> 	 <div>Ø 2.4 up to 6.0 mm</div>	13,000 N	Brushless DC motor (BLDC)	25 mm
PowerBird® Pro <i>Gold Edition</i> 	 <div>Ø 2.4 up to 6.4 mm</div>	20,000 N	Brushless DC motor (BLDC)	25 mm
PowerBird® Pro <i>Gold Edition with spring-loaded trigger system</i> 	 <div>Ø 2.4 up to 6.4 mm</div>	20,000 N	Brushless DC motor (BLDC)	25 mm
iBird® Pro 	 <div>Ø 2.4 up to 6.4 mm</div>	20,000 N	Brushless DC motor (BLDC)	25 mm



Standard blind rivet



all materials



BULB-TITE®



aluminium

*except high-strength blind rivets

Battery	Weight	Equipment	Part no.
 18 Volt 2.0 Ah	1.3 kg with battery	Nosepieces integrated in sleeve: 17/27, 17/29, 17/32, 17/24 sliding battery 18 Volt/2.0 Ah, charger L-Boxx	174 6720
 18 Volt 2.0 Ah	2.1 kg with battery	Nosepieces: 17/20, 17/24, 17/27, 17/29, 17/32, 17/36, 17/40 Maintenance wrench SW12 sliding battery 18 Volt/2,0 Ah, charger	167 9661
 18 Volt 2.0 Ah	2.1 kg with battery	Nosepieces: 17/20, 17/24, 17/27, 17/29, 17/32, 17/36, 17/40 Maintenance wrench SW12 sliding battery 18 Volt/2,0 Ah, charger	168 0294
 18 Volt 2.0 Ah	2.1 kg with battery	Nosepieces: 17/32, 17/36, 17/40, 17/45 Maintenance wrench SW12 sliding battery 18 Volt/2,0 Ah, charger	167 9666
 18 Volt 2.0 Ah	2.1 kg with battery	Nosepieces: 17/32, 17/36, 17/40, 17/45 Maintenance wrench SW12 sliding battery 18 Volt/2,0 Ah, charger	168 0296
 18 Volt 2.0 Ah	2.2 kg with battery	Nosepieces: 17/32, 17/36, 17/40, 17/45 Maintenance wrench SW12 sliding battery 18 Volt/2,0 Ah, charger	167 9683



THE ACCUBIRD®

Reliable and well-proven –
for more than 20 years



FROM THE CREATOR OF THE BATTERY-POWERED BLIND RIVET SETTING TOOL

The battery-powered riveting tool series for professional and versatile use in trade and industry.

The Bird family

The development of this Bird series for professional use by specialists and industrial users made GESIPA® the inventor of the cable-free and hose-free blind rivet setting technology. In 2012, the first of the devices, the AccuBird®, celebrated its twentieth birthday.

Practical aspects

- Exchange nosepieces and wrench always included in the tool
- Compact, shockproof tool housing
- Spent mandrel evacuation into the mandrel container through backfilling and forwards through the nosepiece by gravity
- Fatigue-free working through well balanced weight repartition and ergonomic grip

Casing and accessories

- Exchange for nosepieces and wrench on the device
- Less frequent emptying due to the large spent mandrel container
- Optimized accessories and special models for many applications

The great success of the maintenance-friendly constructed Bird series is due to the following advantages.

With Li-ion energy

- No memory effect
- High energy yield through high voltage and low weight for easy and fast operation
- Extremely low self discharge
- Battery shape allows the tool to be stored standing on its battery

Mechanics, control system and battery

- Reliable connection of the mechanics and control system
- Cast control system is water and dust-tight
- User-friendly pluggable rechargeable battery

THE ACCUBIRD® – INTELLIGENT ENERGY

Lithium-ion technology as mobile power supply for the battery-powered blind rivet setting tools

Li-ion batteries

The GESIPA® battery-powered setting tool AccuBird® is equipped as standard with a 2.0 Ah Li-Ion battery. These rechargeable Li-ion batteries feature the Deep Sleep function. To keep intrinsic consumption as low as possible, after a set idle time, the battery automatically assumes "Deep Sleep" mode. The battery can then only be woken in the battery charger and is immediately ready for use.

The powerful 4.0 Ah battery is also optionally available as a special accessory for the AccuBird®. Older tools can of course also be operated with the new Li-Ion batteries. Due to the different charging principle used in the Li-Ion technology, the charging unit must also be replaced when switching over to Li-Ion batteries; the proven charging units for NiCd batteries are however still available.

Charging technology

A special, intelligent circuit in the GESIPA® Li-ion batteries protects against deep discharging, and ensures that the last setting cycle can be completed, before the battery signals its empty condition by switching off. The empty battery is ready for use again after a charging time of only about one hour. The GESIPA® Li-ion charging units are of course also available for the alternating voltages of 110 AC to 230 AC.




The most important advantages of Li-ion technology

- Currently the most **efficient mobile power supply**
- Low **weight**
- High **energy storage capacity** (90-110 Wh/kg)
- **Long storage capability** due to low self-discharging
- No memory- or lazy-battery effect – **low maintenance requirement**
- **Constant output voltage** over the complete discharge period
- Large number of **loading cycles**
- **Long service life**

TECHNICAL DATA ACCUBIRD®

The AccuBird® deals easily with a wide range of applications and requirements.

Material / Ø	 <div>Ø 2.4 up to 5.0 mm</div> <div>Ø up to 6 mm</div>
Setting force	10,000N
Power unit	DC motor
Stroke	20 mm
Battery	14.4 Volt 2.0 Ah
Weight	2.0 kg with battery
Equipment	Nosepieces: 17/24, 17/27, 17/29, 17/32 maintenance wrench SW12 Battery 14.4 Volt/2.0 Ah, Charger
Part no.	143 4898



Standard blind rivet



all materials



aluminium

ACCESSORIES for the Bird series/Bird Pro series/Birdie®

The wide range of accessories allows the tool to be adapted to deal with almost any challenge. Whether in trade, in the construction industry or in industrial applications.

Extension units Allows easy access to rivet sites which are difficult to access



1) The extension units are used for riveting sites which are situated low down or are difficult to access. The **one-piece extension** units replace steel head sleeves, are extremely slim and therefore particularly suitable where space is restricted. One-piece extension units are offered in different sizes for all tools. The extension unit consists of three parts: the steel head sleeve, the jaw pusher and the adapter. The total length equals the length from the steel sleeve plus the standard nosepiece.

(2) The **multi-piece extension units** are screwed in between the tool and the existing steel sleeve. The total length equals the length of the steel sleeve plus the extension. The multi-piece extension units allow the steel sleeve to be extended variably in 100 mm stages.

Retaining nosepiece

Working even in vertical position without difficulties

- **Retaining nosepiece**
 - » Inserted rivet stays in place in any position
 - » Set rivets with only one hand
 - » Safer working
- **Extended nosepieces**
- **Pivot nosepieces PG** (for the production of articular rivet connections)
- **Sleeve without nosepiece** Compatible with all AccuBird®/AccuBird®Pro nosepieces and custom nosepieces (up to 17/36)



NOSEPIECES BIRDIE®
(integrated in sleeve)

standard 17/27, 17/29,
17/32, 17/24

special nosepieces
17/18, 17/20, 17/22,
17/36



Can only be
mounted by
GESIPA®



Spring-loaded trigger system

For gap-free riveting of components

The spring-loaded trigger system ensures that the parts to be riveted reliably make contact without any gaps before riveting. Furthermore, the operator will be certain that the blind rivet has reached its end position in the hole before setting and the setting head is in contact with the material. The pressing force can be varied with springs depending on the application.

Transparent spent mandrel container – incompatible with AccuBird®



The classic spent mandrel container of the Bird Pro series is also available in a transparent version. This allows you to keep an eye on the amount of spent mandrels.

Extension for spent mandrel container



Fitting for AccuBird®, Birdie® and as well as for the Bird Pro series in two different sizes – working longer, less frequent emptying.

Universal nosepiece for AccuBird®



The universal nosepiece replaces up to five nosepiece sizes. The integrated rotary star in the steel sleeve can be unlocked easily without tools in order to select the appropriate size of nosepiece. This helps saving time when riveting different blind rivet sizes.

Angle head 90° compact for AccuBird® / Angle head 90° compact for the Bird Pro series

High setting force and easy access in tight installation areas











The angle head 90° compact and the angle head 90° are designed for use in very narrow and confined spaces. The rugged design makes it possible to set blind rivets with a high setting force even in working areas that are difficult to access. They can be positioned freely in every position (360°) on the tensile axis. The angle head 90° compact can set standard blind rivets with a setting force up to 10 kN, the angle head 90° can set standard blind rivets with a setting force up to 20 kN.

ACCESSORIES BIRD SERIES

Accessories	Picture	AccuBird®
Jaws (spare parts)		143 4958
Battery 1.4 V/2.0 Ah (Li-Ion)		166 6440
Power battery 1.4 V/4.0 Ah (Li-Ion)		166 6441
Charger for 14.4 V Li-Ion battery		145 7282
Extension unit 50 mm (single-piece)		145 7273
Extension unit 100 mm (single-piece)		145 7274
Extension unit 150 mm (single-piece)		145 0622
Extension unit (multi-piece per 100 mm)		145 7318
Extension for spent mandrel container		143 5034
Angle head 90° compact		145 7252
Universal nosepiece		143 4960
Protective sleeve		156 7288
Changeover set for BULB-TITE® blind rivets		143 5033
Nosepiece		See chart nosepieces on page 19
Retaining nosepiece		See chart nosepieces on page 19

ACCESSORIES BIRD PRO SERIES

Accessories	Picture	AccuBird® Pro	PowerBird® Pro Gold Edition	iBird® Pro	PowerBird® Pro Gold Edition with spring-loaded trigger system	AccuBird® Pro with spring-loaded trigger system
Jaws (spare parts)		143 5568				
CAS battery 18.0 V/2.1 Ah (Li-Ion)		167 9689				
CAS battery 18.0 V/4.0 Ah (Li-Ion)		167 9690				
Charger for 18.0 V Li-Ion battery Euro plug		167 9694				
Charger for 18.0 V Li-Ion battery UK plug		167 9695				
Charger for 18.0 V Li-Ion battery US plug		167 9696				
Transparent spent mandrel container		145 0837				
Extended spent mandrel container 30 mm 60 mm		145 0838 145 0839	145 0838 145 0839	145 0838 145 0839	145 0838 145 0839	145 0838 145 0839
Extension unit +35 mm (single-piece)		145 0860	145 7650	145 7650	-	-
Extension unit +85 mm (single-piece)		145 0861	145 7651	145 7651	-	-
Extension unit +135 mm (single-piece)		145 0862	145 0823	145 0823	-	-
Extension unit +50 mm (single-piece)		-	-	-	145 0821	-
Extension unit +100 mm (single-piece)		-	-	-	145 0822	-
Extension unit (multi-piece, per 100 mm)		145 0859	145 0820	145 0820	-	-

ACCESSORIES BIRD PRO SERIES

Accessories	Picture	AccuBird® Pro	PowerBird® Pro Gold Edition	iBird® Pro	PowerBird® Pro Gold Edition with spring-loaded trigger system	AccuBird® Pro with spring-loaded trigger system
Angle head 90°		146 4882	146 4882	146 4882	–	–
Protective sleeve		156 7289	156 7289	156 7289	–	–
changeover set for small jaw assembly		145 7641	145 7641	145 7641	–	–
L-Boxx and Inlay		169 1413	169 1413	169 1413	169 1413	169 1413
Nosepiece		See chart nosepieces on page 20/21				
Retaining nosepiece		See chart nosepieces on page 20/21				

ACCESSORIES BIRDIE®

Accessories	Picture	Birdie®
Futterbacken (Ersatzteil)		170 7703
CAS battery 18.0 V/2.1 Ah (Li-Ion)		167 9689
CAS battery 18.0 V/4.0 Ah (Li-Ion)		167 9690
Charger for 18.0 V Li-Ion battery Euro plug		167 9694
Charger for 18.0 V Li-Ion battery UK plug		167 9695
Charger for 18.0 V Li-Ion battery US plug		167 9696
Transparent spent mandrel container		174 1428
Extended spent mandrel container 40 mm		176 6359
L-Boxx and Inlay		176 6276
Nosepieces (integriert in Setzhülse)		<div> 17/27 17/29 17/32 17/24 17/18 17/20 17/22 17/36 </div> <div> No. 175 2361 No. 175 2362 No. 175 2363 No. 175 2360 No. 176 0252 No. 176 0253 No. 176 0254 No. 176 0255 </div>

All nosepieces
can be found in
the new 2022/23
catalogue

NOSEPIECES FOR BLIND RIVET SETTING TOOL

AccuBird®, AccuBird® Pro

Blind rivet	Blind rivet Ø in mm	Material	approx. pc/battery charge		Nosepiece	Part no.
			AccuBird® Pro	AccuBird®		
Standard	2.4	Alu	1,800	2,100	17/18*	143 4976
	3.2	CAP®-Alu, CAP®-Cu	1,300	1,400	17/18*	143 4976
	3 & 3.2	Alu	1,100	1,100	17/24	143 4955
	3 & 3.2	Steel	1,100	1,100	17/24	143 4955
	3 & 3.2	Stainless steel	1,100	1,100	17/24	143 4955
	4.0	Alu	1,100	1,100	17/24	143 4955
	4.0	Steel	1,000	1,000	17/27	143 4973
	4.0	Stainless steel	950	900	17/29	143 4974
	4.8 & 5	Alu	850	800	17/29	143 4974
	4.8 & 5	Steel	1,000	600	17/32	143 4975
	4.8 & 5	Stainless steel	700	500	17/36*	143 4977
	6	Alu	650	350	17/36*	143 4977
	6	Steel	500	-	17/40	143 4999
	6	Stainless steel	500	-	17/40	143 4999
BULB-TITE®	4.0	Alu	1,300	1,400	17/26 BT*	143 4985
	5.2	Alu	1,100	1,100	17/32 BT*	143 4986
	6.3	Alu	800	800	17/42 BT*	143 4988
	6.4	Steel	550	400	17/42 BT*	143 4988

* available as special accessory. Special design nosepieces are available on request.

The nosepiece allocation data applies to DIN and GESIPA® blind rivets.

Tool	Retaining nosepiece	Part no.
AccuBird®, AccuBird® Pro	17/18 R	165 5422
	17/20 R	165 5424
	17/22 R	165 5426
	17/24 R	165 5427
	17/27 R	165 5428
	17/29 R	165 5429
	17/32 R	165 5430
	17/36 R	165 5431

NOSEPIECES FOR BLIND RIVET SETTING TOOL

iBird® Pro, PowerBird® Pro Gold Edition

Blind rivet	Blind rivet Ø in mm	Material	approx. pc/battery charge		Nosepiece	Part no.
			iBird® Pro	PowerBird® Pro Gold Edition		
Standard	4.8 & 5.0	Steel, alu	1,000	1,800	17/32	143 4975
	4.8 & 5.0	Stainless steel	700	1,600	17/36	143 4977
	6.0	Alu	650	1,000	17/36	143 4977
	6.0	Steel	500	650	17/40	143 4999
	6.0	Stainless steel	450	-	17/40	143 4999
	6.4	Alu, PG-alu	550	600	17/45	143 4860
	6.4	Steel	450	500	17/45	143 4860
	8	Alu	500	550	17/45	143 4860
BULB-TITE®	4.0	Alu	1,200	1,300	17/26 BT*	143 4985
	5.2	Alu	1,000	1,200	17/32 BT*	143 4986
	6.3	Alu	800	800	17/42 BT*	143 4988
	6.3	Steel	700	550	17/42 BT*	143 4988
	6.3	Monel	650	600	17/42 BT*	143 4988
	7.7	Alu	700	700	17/48 BT*	143 4989
MEGA GRIP®	4.8	Alu	800	1,000	17/31 MG*	143 4993
	4.8	Alu	750	950	17/41 MG*	143 4865
	4.8	Steel	750	900	17/31 MG*	143 4993
	6.4	Alu	700	-	17/61 MG*	143 4865
	6.4	Steel	300	250	17/41 MG*	143 4865
	6.4	Stainless steel	250	250	17/41 MG*	143 4865

* available as special accessory. Special design nosepieces are available on request.

The nosepiece allocation data applies to DIN and GESIPA® blind rivets.

Tool	Retaining nosepiece	Part no.
iBird® Pro PowerBird® Pro Gold Edition	17/18 R	165 5422
	17/20 R	165 5424
	17/22 R	165 5426
	17/24 R	165 5427
	17/27 R	165 5428
	17/29 R	165 5429
	17/32 R	165 5430
	17/36 R	165 5431
	17/40 R	165 5433
	17/45 R	165 5434

SFS Group Germany GmbH
Division Riveting – GESIPA®
Nordendstraße 13-39
64546 Mörfelden-Walldorf
T +49 6105 962 0
info@gesipa.com
www.gesipa.com

