

# AccuBird®

## English Version

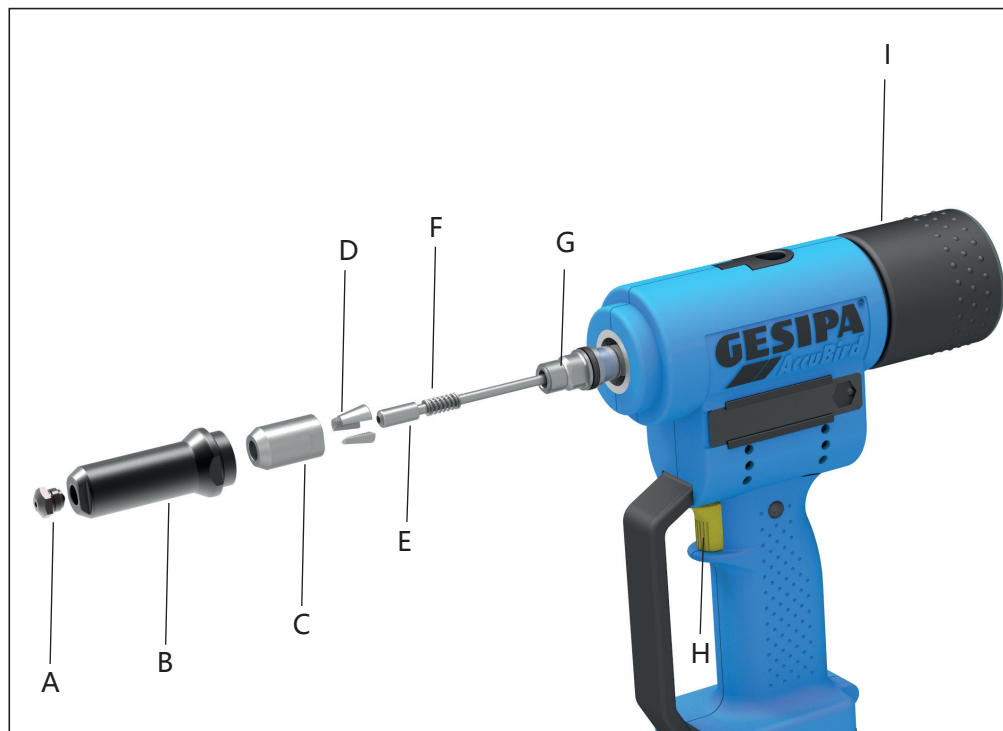


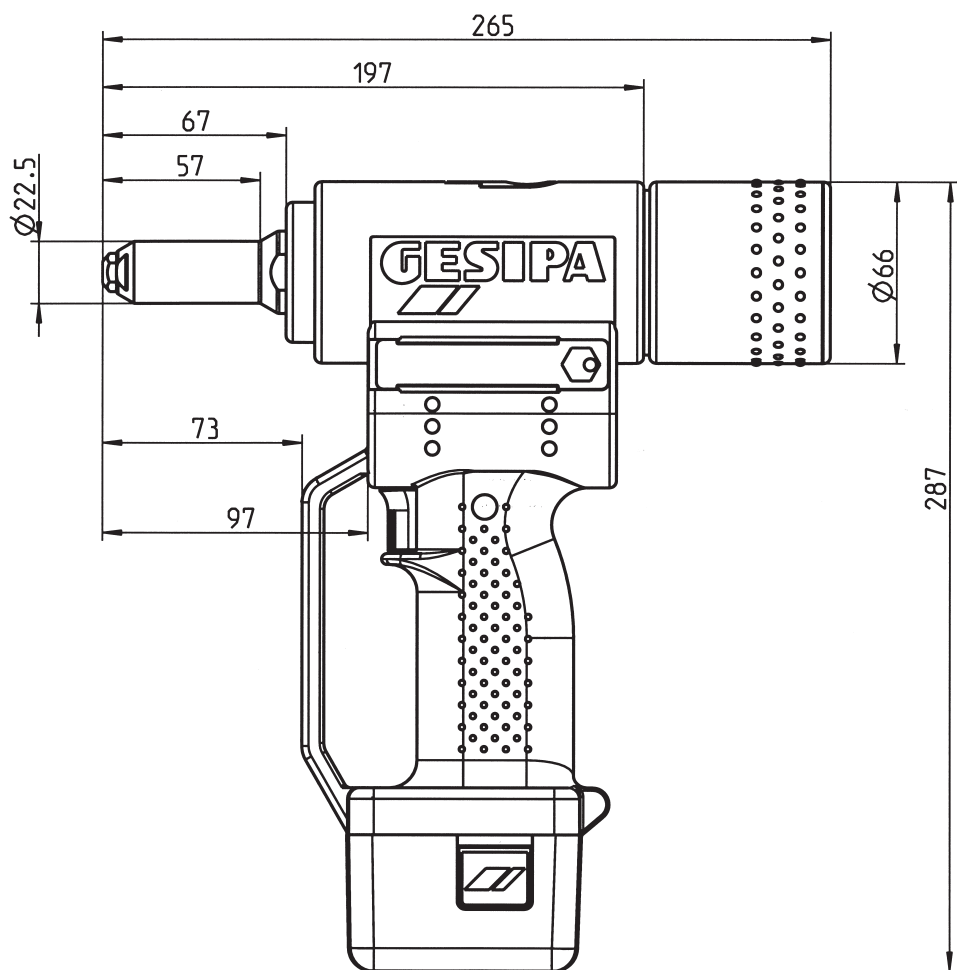
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**GESIPA®**

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## 1. Overview (see Fig. 1)

Item	Description	Fig.
A	Nosepiece	1
B	Steel head sleeve	1
C	Chuck housing	1
D	Jaws	1
E	Jaw pusher	1
F	Spring	1
G	Adapter	1
H	Trigger	1
I	Spent mandrel container	1


## 2. Blind rivet setting tool

### 2.1 Intended use

As described in these operating instructions, the riveting tool may only be used for the purpose of setting blind rivets.

**Observe the safety information!**

### 2.2 Safety instructions

**Caution!** 

**The following safety rules must be observed to ensure adequate protection against electric shocks, injuries or fire hazards:**

- The riveting tool is intended solely for the purpose of processing blind rivets.
- Never overload the tool; work within the specified working capacity.
- Never use the riveting tool in a humid or wet environment or close to flammable liquids or gases. **Danger of explosion!**
- Ensure that the battery is properly secured in the handle.
- Always remove the battery when the riveting tool is not in use and for maintenance.
- Never use the riveting tool as a hammer.
- When not in use, keep the riveting tool in a dry, closed room and out of the reach of children.
- Always wear protective goggles when working with the riveting tool. Personal protective equipment such as protective clothing, gloves, safety helmet, non-slip footwear, ear protection and fall arresting device is recommended.
- The air inlets for the motor should not be obstructed; do not insert any objects into them.
- When putting down the riveting tool, make sure that it cannot fall.

- Use only genuine spare parts for repairs.
- Repairs must be carried out only by skilled personnel. In case of doubt, always send in the riveting tool to the manufacturer.
- Do not use tool without material! The blind rivet could be flung from the riveting tool! Never turn the riveting tool towards yourself or towards another person!
- The spent mandrel container (I) must remain mounted on the riveting tool during operation.

## 2.3 Working range

Blind rivets from Ø 2.4 mm alu, up to Ø 5 mm all materials and blind rivets up to Ø 6 mm alu. (max. mandrel Ø 3.2 mm). BULB-TITE® blind rivets up to Ø 6.3 mm alu and steel.

To avoid blockages, it is recommended that the corresponding jaw pusher, according to table 2.6, is used!

## 2.4 Equipment/accessories

Nosepieces:	17/32 in working position 17/27, 17/29 and 17/24 in magazine
Wrench:	WAF 12 (cover for nosepiece magazine)
Hanger:	Concealed in housing
Quick-change battery:	2,0 Ah / 14.4 V

## 2.5 Technical data

Weight:	2.0 kg (with battery)
Stroke:	20 mm
Drive:	DC motor 14.4 V
Setting force:	10,000 N
Noise emission:	$L_{pa}$ 78.5 dB Measurement uncertainty K = 3 dB
Vibration:	< 2.5 m/s <sup>2</sup> Measurement uncertainty K = 1.5 m/s <sup>2</sup>

## 2.6 Nosepiece allocation

Rivet Ø (mm)	Rivet material	Nosepiece	Part No.	Jaw pusher	Part No.	Jaws	Part No.
2.4	Al	17/18*	143 4976	E	143 4959	D	143 4958
3.2	CAP® Al, CAP® Cu	17/18*	143 4976				
3 and 3.2	Al, Cu, steel, stainless steel, Stinox, Al/Al, PG Al, PG steel, PG stain- less steel	17/24	143 4955				
4	Al, Cu, CAP® Al, CAP® Cu	17/24	143 4955				
4	Steel, Al/Al, PG Al	17/27	143 4973				
4	Stainless steel, Stinox, PG steel, PG stainless steel	17/29	143 4974				
4.8 and 5	Alu, CAP® Al, CAP® Cu, PG-Al	17/29	143 4974				
4.8 and 5	Steel, Al/Al	17/32	143 4975				
4.8 and 5	PG steel, PG stainless steel, G-Bulb	17/36*	143 4977				
6	Al	17/36*	143 4977				

BULB-TITE® Ø (mm)	Rivet material	Nosepiece	Part No.	Jaw pusher	Part No.	Jaws	Part No.
4**	Al/Al	17/26 BT*	143 4985	E	143 4992	D	143 4173
5.2**	Al/Al	17/32 BT*	143 4986				
6.3**	Al/Al, steel/steel	17/42 BT*	143 4988				

BT = BULB-TITE®

\* available as special accessory. Elongated nosepieces and other special nosepieces are available on request.

\*\* also available as conversion kit Part No. 143 5033.

## 2.7 Start-Up

Before starting the riveting tool, read and observe the operating instructions and safety information and keep in a safe place.

- Insert fully charged battery in correct position into riveting tool.
- Select nosepiece from Table 2.6 and screw on.



**The air inlets for the motor should not be obstructed; do not insert any objects into them.**

### 2.7.1 To attach spent mandrel container

- Fully screw on spent mandrel container (I) by turning clockwise.

### 2.7.2 To set a blind rivet

#### a. Pressing and holding the switch:

Press and hold the switch to start riveting. The pulling process stops automatically when the rivet reaches the rear end position. The tool automatically assumes the front starting position when the switch is released.

#### b. Tapping the switch:

Riveting is triggered by briefly tapping and immediately releasing the switch. As soon as the mandrel breaks off, the blind riveting tool stops and automatically re-assumes the front starting position.

## 2.8 Maintenance

Maintenance of the riveting tool is limited to the complete jaw mechanism and its wearing parts:

- Detach battery from riveting tool.
- Unscrew steel head sleeve (B) with WAF 27 open-ended spanner and clean.

#### **Check for deposits in the tip of the steel head sleeve (B).**

- Use WAF 17 open-ended spanner to release jaw housing (C) from adapter.
- Remove jaws (D), clean and oil sliding surfaces; replace if worn.
- Re-assemble in reverse order ensuring that all parts are tightened!

**Regular maintenance will extend the service life of your high-quality GESIPA® tools which should be serviced at least every 2 years by an authorised workshop or by GESIPA® Service. We recommend servicing tools that are subject to intensive use ahead of schedule.**



## 2.9 Environmental protection

If batteries need to be replaced, please observe the following:

- Return used GESIPA® rechargeable batteries to your dealer or to GESIPA® for recycling.
- Never discard used batteries into household waste, fire or into water!

### Caution!

**In all EU countries (except Germany) the relevant national regulations for implementing the EU guideline shall apply.**

- In accordance with the EU Directive 2012/19/EC (WEEE), in Germany, this tool is registered under the WEEE Reg.-No. DE 45695505. If the tool has an 8-digit serial number it can be returned free of charge to GESIPA® for correct disposal.

## 2.10 Disposal

Do not dispose of electrical equipment, batteries/rechargeable batteries, accessories or packaging in household waste. As a consumer, you are obliged by law to dispose of old tools and batteries/rechargeable batteries at a recycling facility, collection point or retailer so that they can be recycled in an environmentally responsible manner.

Obtain information from local authorities or from your specialist retailer about recycling facilities and collection points. Dangerous substances in power tools and batteries/rechargeable batteries can harm your health and the environment.

Batteries/rechargeable batteries must be removed from the device and disposed of separately in a discharged state. Cover contacts with adhesive tape to safeguard against a short circuit.



Do not dispose of electrical equipment, batteries/rechargeable batteries, accessories or packaging in household waste.



Ensure that electrical equipment, batteries/rechargeable batteries, accessories and packaging are recycled in an environmentally responsible manner.

## 3. Repairs

Repairs under warranty are carried out by the manufacturer. Repairs outside the warranty period should only be carried out by skilled technical personnel. Failure to observe the assembly and setting procedures and operation by non-skilled personnel may result in serious damage to the riveting tool. In case of doubt, always send the riveting tool back to the supplier or to GESIPA®.

You can find the spare parts for your tool online at [www.gesipa.com](http://www.gesipa.com).

## 4. Troubleshooting

### 4.1 Blind rivet is not set

Cause	Corrective measures
Battery discharged	Charge battery; replace if necessary
Jaws (D) dirty or worn	Clean and oil sliding surfaces or replace (see 2.8)
Jaw mechanism loose	Tighten (see 2.8)
Compression spring weakened (F)	Replace
Tool does not operate when yellow trigger button is pressed (red indicator light)	(see 4.3)

### 4.2 No spent mandrel disposal

Cause	Corrective measures
Wrong nosepiece (A) used	Exchange according to table (see 2.6)
Nosepiece worn (A)	Replace
Mandrel jammed in jaws (D)	Release mandrel, clean jaws and jaw housing, oil sliding surface or replace jaws (see 2.8)
Inside of steel head sleeve (B) dirty	Clean (see 2.8)
Spent mandrel container (I) full	Detach and empty
Passageway blocked	Remove jammed mandrels and check for trouble-free ejection (see 2.8)

### 4.3 Red lamp indicates fault

#### When pressing the trigger button

Cause	Corrective measures
Riveting tool not in front end position	Release trigger button

#### During pulling operation

Cause	Corrective measures
Overload	Use tool within working range as specified in table (see 2.6.)
Electronics overheated	Allow riveting tool to cool down in air
Battery discharged	Charge or replace

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## After releasing the trigger button

Cause	Corrective measures
Front end position not reached	Tighten jaw mechanism (see 2.8 and 4.2)

### Caution!

If faults occur that are indicated by the red lamp and cannot be rectified as described above, have the riveting tool repaired by a skilled technician or send it in to the manufacturer.

## 5. Warranty

The applicable terms and conditions of warranty shall apply and can be viewed under following link: [www.gesipa.com/agb](http://www.gesipa.com/agb)

## 6. Declaration of conformity

We hereby declare that the design and construction of the tool named below, as well as the version that we have put on the market, complies with applicable fundamental health and safety requirements stipulated in EU directives. Tool modifications made without our authorisation shall render this declaration void. The safety information in the product documentation provided must be observed. This document must be retained.

### AccuBird®

EC	UKCA
DIN EN ISO 12100:2011	The Supply of Machinery (Safety) Regulation 2008
DIN EN ISO 82079-1:2013	The Electromagnetic Compatibility Regulations 2016
DIN EN 62133:2013	The Waste Electrical and Electronic Equipment Regulations 2013
DIN EN 62841-1:2016-07	The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012
2012/19/EU	EN 62841-1:2015
2011/65/EU	EN 55014-1:2016
2006/42/EG	EN 55014-2:2015
2014/35/EU	
2014/30/EU	
DIN EN 55014-1:2016	
DIN EN 55014-2:2016	
DIN EN 61000-4-2:2009	
DIN EN 61000-4-3:2011	
DIN EN 62233:2008+	
EN 60335-2-29:2010	

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<b>(DE)</b> Ihr Fachhändler	<b>(DK)</b> Deres forhandler	<b>(GR)</b> Το ειδικό σας κατάστημα
<b>(GB)</b> Your dealer	<b>(SE)</b> Din återförsäljare	<b>(HU)</b> Az Ön szaküzlete
<b>(FR)</b> Cachet de revendeur	<b>(NO)</b> Deres forhandler	<b>(PL)</b> Dystrybutor
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