RIVSMART® eBZ ZERO S

Cordless setting tool for blind rivets with process monitoring

CE

Rivdom is smart. **RivSmart.**

Very small, very light and in touch with the world.
With RivSmart you can now take the first step towards blind rivet processing of tomorrow – on the basis of decades of experience in the development of high-quality riveting tools and customised riveting automation technology.
RivSmart can be easily integrated into our production processes, and with its documentation capabilities helps to optimise optimise and monitor production.

up to 4.0 mm
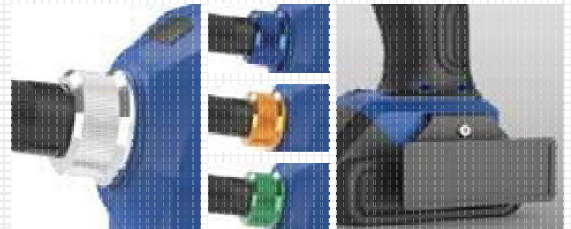
RivSmart **eBZ** ZERO S

1.3 kg ## Small. Light. Smart.
Industry 4.0 ready

185 mm

Compact dimensions.
Thanks to the removable transparent collecting bin, the tool can be further shortened for **unrivalled ease of handling** for even the most confined installation points. In combination with the very low **weight of only 1.3 kg**, it is unrivalled when it comes to comfortable working!

Colour coding of the union nuts for identification of the application, workplace or employee, and a plate for marking the rivet application that can be attached like a belt clip are available as accessories.

↑ NEXT LEVEL RIVETING

BÜRSTENLOS BRUSHLESS | plus Charging technology | L-BOX | 24 | **TOOL-FREE MAINTENANCE**

2.4	3.0	3.2	4.0	4.8	5.0	6.0	6.4	8.0
Aluminium								
Steel								
Stainless steel								
Copper alloys								

- max. 3.4 mm
- 1.3 kg (incl. 2.0 Ah battery)
- HUB 20 mm
- ZUG 8,500 N
- < 30 min.

- 1x RivSmart eBZ ZERO S battery riveter with brushless motor in **HONSEL** L-Boxx®
- 12V/2.0Ah Li ion battery with optical state-of-charge indicator (number depending on variant)
- 1x Rivdom-PLUS quick-charger
- 4x standard nosepieces in box
- 1x mandrel collector "S"
- 1x each belt clip, hanger bracket, cover cap and rivet application plate

Item no. **320200000000-010-1** (1x battery 12V/2Ah)
Item no. **320200000000-020-1** (2x battery 12V/2Ah)

240 mm
64 mm
21 mm
275 mm
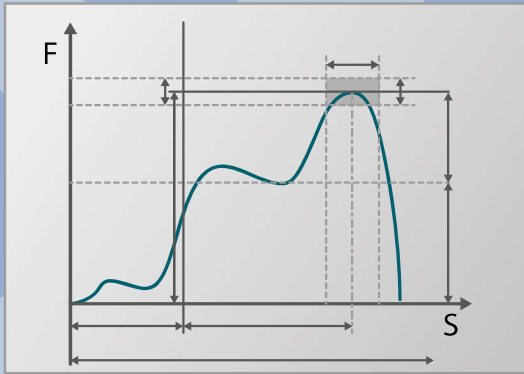
Documented process monitoring

RivSmart is equipped with the **DMSD-lite process monitoring system** even in the standard version. Serious errors can already be detected here and the number of set fasteners counted.

Documentation takes the form of a process stamp containing information such as tool number, time stamp, number, error codes, and various stroke and force measurements in text format in separate process windows.

Integration of the latest **DMSD 2G** process monitoring system with PLC interface directly into your corporate network is also possible as an option.

RivSmart can do more.
Intelligent controller

App-controlled WiFi-connected

In addition to its outstanding riveting properties, the RivSmart eBZ ZERO S is prepared for integration into an increasingly networked production environment

• Mobile control via Android or IOS app
• Service functions:
  Information on clamping jaw change, service intervals, emptying of mandrel collector, job counter, live statistics
• Many basic functions:
  Countdown, various counters, statistics, signal tones

• OLED display (1.5") with 5 buttons
• Management of several devices
• Wifi connectivity with radio frequencies 2.4 and 5 GHz
• Individual interface programming possible

Rivsmart DMSD2G

Rivsmart PLConnect

Link your RivSmart to your production environment and thus combine the possibilities of your PLC with the intelligence and connectivity of RivSmart. Based on industry standards, the system is highly flexible and modular.

Included in the scope of supply:
SD card as **internal memory** for reading out the documented data of the process stamp, even without permanent WiFi connection.

Detailed information on the possibilities offered by **automation technology** and **process monitoring** can be found in the relevant separate documents or on our website, www.honsel.de.

RivSmart eBZ ZERO S

HONSEL tools.
Made by professionals for professionals ③

We have been developing and producing processing tools for blind rivet products within the **HONSEL** Group for decades.
This experience and the passion to provide the user with innovative solutions to the demands of day-to-day work goes far beyond the product alone.

The **VIP service** for registered RivSmart users. Download the RivSmart app and register within 30 days of purchase!

Your benefits:

Extension of the manufacturer's warranty to **three years**!

Our experienced experts are at your disposal with **exclusive professional support** free of charge on the RivSmart hotline.

Free-of-charge pick-up and return service for maintenance and repair.
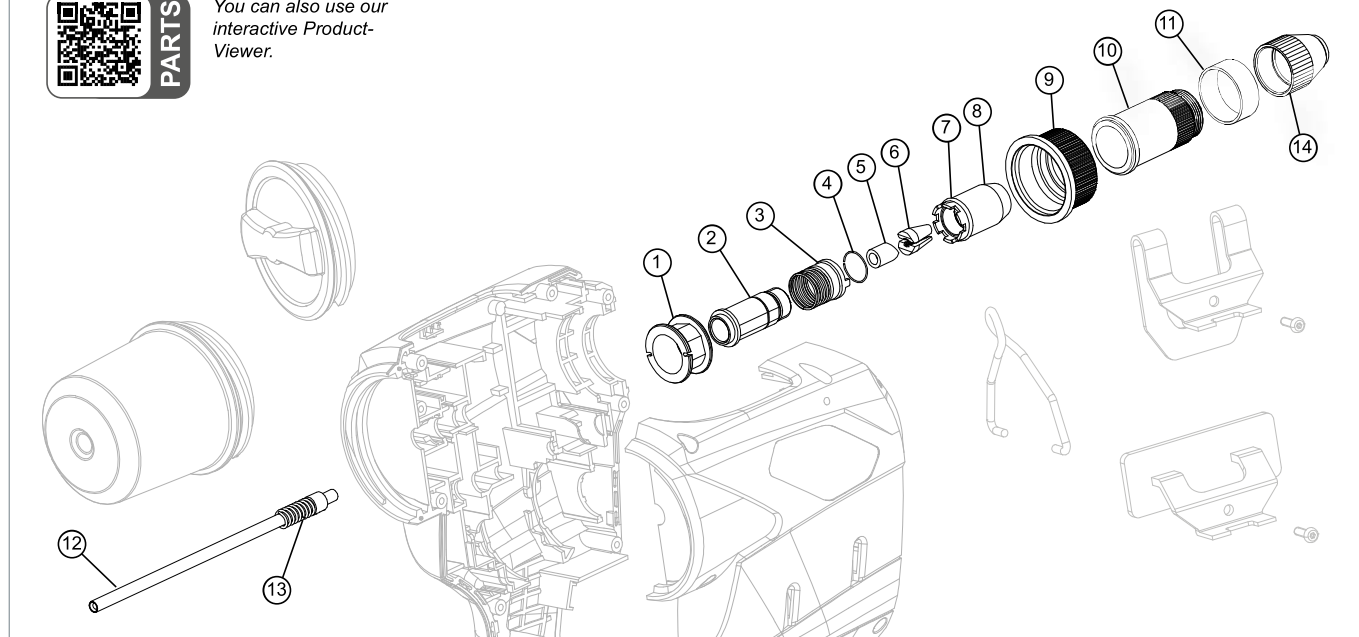
Free exchange tools and shorter lead times.

Regular software updates free of charge.

③

PARTS

You can also use our interactive Product-Viewer.

Spare and wear parts

1	321200000020	Dummy-Sensorring
2	321200000054	Spacer
3	321200000055	Quick release ring + spring
4	321200000056	Quick release c-ring
5	321200000017	Guide sleeve (various Ø)
6	311002000132	Clamping jaws (1 set = 2 pcs.)
7	321200000010	Scraper
8	321200000016	Clamping sleeve with scraper
9	321200000018	Union ring (silver)
10	321200000015	Front sleeve
11	321200000019	Rubber for union ring
12	321200000049	Mandrel discharge tube (various Ø)
13	321200000014	Pressure spring für Guide sleeve

Standard nosepieces

	321200000121	Standard nosepiece 2.0 mm
	321200000122	Standard nosepiece 2.4 mm
14	321200000123	Standard nosepiece 3.0/3.2 mm
	321200000124	Standard nosepiece 4.0 mm

Accessories

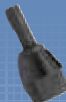| 321200000021	Li-Ion RivdomPLUS battery 12 V/ 2,0 Ah -scope of delivery-
321200000022	Li-Ion RivdomPLUS battery 12 V / 4,0 Ah
321500000001	Universal quick charger 220 V for RivdomPLUS batteries (12 V/16 V/20 V) -scope of delivery-
321500000003	Multiple charging station
321500000004	Adapter multiple charging station for 1 x RivdomPLUS battery
321200000031	Mandrel container S (5.5 cm) -scope of delivery-
321300100031	Mandrel container L (8.0 cm)
321401000030	Mandrel container L+ (8.0 cm)
321501000030	Mandrel container XL+ (11.0 cm)
321200000018	Colored union ring (blue, gold, red, black)
321200000029	Hanger -scope of delivery-
321200000006	Belt clip -scope of delivery-
321200000005	Name plate -scope of delivery-
321401000004	Cover cap -scope of delivery-

Retainer nosepieces to securely hold the blind rivets before the setting process and...

▶ **...extended front sleeves** can be found on page 50.

ⓘ **Special nosepieces** can be produced at short notice for specific customer applications.

Special nosepieces

For recessed riveting points

Extended nosepieces 7 mm

321200932070	Extended nosepiece (7 mm) 3.0/3.2 mm
321200940070	Extended nosepiece (7 mm) 4.0 mm

Extended nosepieces 20 mm

321200932200	Extended nosepiece (20 mm) 3.0/3.2 mm
321200940200	Extended nosepiece (20 mm) 4.0 mm

Suitable for e.g. OPTO® multigrip blind rivets with extended mandrel.

For 4.0 mm large dome head blind rivets

321200000416	Facade nosepiece head 16.0 mm
321200000424	Facade nosepiece head 24.0 mm

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