

# HONSEL

The Art of **Fastening**

**90**  
YEARS  
1930-2020



**HONSEL** battery riveters.  
The next generation.



small +  
**power-  
full**



Ready for  
**Industry 4.0**



For  
**Blind rivet  
nuts**

[www.honsel.de](http://www.honsel.de)

# RIVDOM® eBZ 1






up to 5.0 mm

Very compact design  
 + low weight  
 + a powerful, newly developed brushless motor  
 + the optimised gearing  
 + the familiar efficient 20 V -RivdomPLUS Li ion rechargeable battery are  
**the new key to optimum cordless blind riveting.**  
 The new housing design is a further step towards perfect ergonomics  
 for comfortable handling even with the most intensive use.

small + **powerful**  
**THE new standard tool**  
 for blind rivets up to 5 mm

1,6 kg



-  max. 3.5 mm
-  1.6 kg (incl. battery 2.0 Ah)
-  25 mm
-  10,000 N
-  < 30 min.



## Blind rivets

2,4	3,0	3,2	4,0	4,8	5,0	6,0
Aluminium						
Steel						
Stainless Steel						
Copper alloys						

Even more compact without collecting bin – reliable riveting even in confined installation situations



**Wear-free.**

Sturdy, innovative BLDC motor for maximum service lives.

**NEW** Second half-year 2021

**Tool-free clamping mechanism**



Optional: Integration of scanner systems



**Powerful 20V Li ion battery**



Simple control



Effective cooling system



Mandrel collector with larger volume








## RIVDOM® eBZ ZERO

up to 4.0 mm

Optimised and specially designed for the world's most widely used blind rivet sizes up to 4.0 mm diameter.

In focus. **Maximum weight reduction** and **compact dimensions** thanks to the familiar RivSmart® housing.

The **outstanding ergonomics** and unrivalled light weight of **only 1.3 kg** guarantee the **highest level of comfort!**

-  max. 3.4 mm
-  1.3 kg (incl. battery 2,0Ah)
-  20 mm
-  6,800 N
-  < 30 min.

### Blind rivets

2,0	2,4	3,0	3,2	4,0	4,8	5,0
* Aluminium						
* Steel						
* Stainless Steel						
* Copper alloys						

\* optional



Extremely  
*lightweight*  
ultra compact

1.3 kg



### 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.



Clamping jaws and nosepieces can be replaced quickly and easily on the spot.






## RIVDOM® ONE

up to 5.0 mm

RivdomONE continues to impress.

Indispensable for the work of many users today, the RivdomONE is equipped with many of the features of the **HONSEL eBZ family**, such as high-quality Li ion rechargeable batteries with **RivdomPLUS charging technology**, the flexible **L-Boxx system** and a **powerful motor**.

The outstanding ergonomics and an **extremely short trigger stroke** allow quick and comfortable working.

-  max. 3.4 mm
-  1.8 kg (incl. battery 2.0 Ah)
-  21 mm
-  10,000 N
-  < 30 min.

### Blind rivets

2,4	3,0	3,2	4,0	4,8	5,0	6,0
Aluminium						
Steel						
Stainless steel						
Copper alloys						



The popular **basic model**  
*Inexpensive. Reliable. Proven.*



### ALL IN ONE. THE VARIO NOSEPIECE

For quick and easy changing between the diameters 2.4 mm, 3.0/3.2 mm, 4.0 mm and 4.8/5.0 mm – **completely without tools** (special accessory)!



## RIVDOM® eBZ 2

up to 6.4 mm

The setting force of 20,000 N and the very large stroke of 30 mm enables not only standard blind rivets but also high-strength versions such as HONSEL FERRO® Bulb and FERRO® Bolt (or comparable products) and folding blind rivets up to 6.4 mm diameter to be quickly and reliably set in one step.

Uncompromisingly powerful.

- max. 4.8 mm
- 2.0 kg (incl. battery 2.0 Ah)
- 30 mm
- 20,000 N
- < 30 min.



### Blind rivets

3,2	4,0	4,8	5,0	6,0	6,4	8,0

\* optional

## The POWER pack



Wear parts can be changed practically without the use of tools.



The outstandingly balanced housing and a trigger with a stroke of only 2 mm guarantee a very high level of comfort during the day-to-day work.

## RIVDOM® eBZ 3

up to 7.8 mm

The HONSEL Rivdom eBZ 3 battery riveter was developed specially for the demands of the setting of high-strength blind rivets with 6.4 and 7.8 mm diameter with grooved rivet mandrel!

The clamping jaws specially designed for this geometry and a modified clamping mechanism guarantee reliable and positive settings of FERRO® BULB high-strength blind rivets (or comparable products) with a mandrel diameter from 3.8 to 6.15 mm. This also helps to minimise wear on the clamping jaws.

- max. 6.1 mm
- 2.1 kg (incl. battery 2.0 Ah)
- 30 mm
- 24,000 N
- < 30 min.



### Blindniete

3,2	4,0	4,8	5,0	6,0	6,4	8,0

## 24,000 N! MAXIMUMPOWER with cordless riveting



High-strength FERRO® BULB blind rivets with 7.8 mm diameter in use, for example, in truck production.



The HONSEL RIVDOM eBZ 3 is supplied as standard with retention nosepieces.

# RIVSMART® eBZ ZERO S

up to  
4.0 mm

↑ NEXT LEVEL  
RIVETING

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 and monitor production**.



- max. 3.4 mm
- 1.3 kg (incl. battery 2.0Ah)
- 20 mm
- 6,800 N
- < 30 min.



## Blind rivets

2,0	2,4	3,0	3,2	4,0	4,8	5,0
* Aluminium						
* Steel						
* Stainless Steel						
* Copper alloys						

\* optional

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



### 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.

## RivSmart can do more.

App-controlled  
WiFi-connected



- 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

\* DMSD 2G



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.

## Intelligent controller

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



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.

**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](http://www.honsel.de).



M3 - M12

## RIVDOM® eVNG 2

Rivdom eVNG 2 gets to grips. Uncompromising.

The new **HONSEL** battery riveter now offers the ultimate solution for cordless settings of blind rivet nuts and bolts. Oriented to the demands of industrial series production, Rivdom eVNG 2 offers a wide range of use features and options.

Innovative. Sturdy and reliable.



- 2.4 kg
- 20 mm
- Screwing on / off variable
- < 30 min.

### Blind rivet nuts

M3	M4	M5	M6	M8	M10	M12
*	Aluminium					*
*	Steel					*
*	Stainless steel					*

\* optional

### Blind rivet studs

Stahl		
-------	--	--



Modern, flexible and unrestricted processing of **Blind rivet nuts** up to **M12!**



**NEW** Second quarter of 2021

**Rivdom**  
Made by **HONSEL**.

Rivdom eVNG 2 can store settings for **up to 99 different blind rivet nuts** and call these up within seconds.

Extra slim front sleeve - only 25mm

Programmable unscrewing speed

Automatic setting of the nosepiece.

Threaded mandrel with new quick-release mechanism.

Emergency Mode

Quick-start function thanks to multi-function trigger.

All-hand soft grip - ideal for all hand sizes.

1.5" OLED control display with 5 buttons well known from the RivSmart battery riveter

SD card scanner

Various counters, Service and blocking functions

Additional status LED

#### Force or stroke control!

Depending on the fastener to be set and the application, the Rivdom eVNG 2 can be operated with either force or stroke control via the menu of the control display.

For blind rivet nuts and studs with left and right-hand thread!

Rivdom eVNG 2 has a **patented gearbox** with two independently operated BLDC motors. This allows the system to be variably switched on and off during the return stroke.

RivdomPLUS 20V Li ion rechargeable battery with state-of-charge indicator.

Belt clip or application plate



Optionaler integrierter Scanner (2021)



Schlanke Gehäuseform - nur 71 mm breit !



Komfortsteuerung

# FamilyFacts

## Configuration details for ALL.



### The latest motor technology

Brushless and wear-free.



### L-BOXX®

Sturdy and flexible.

The innovative system packaging solution. The new HONSEL L-Boxx is also compatible with the L-Boxxes from other manufacturers.



State-of-charge indicator on every battery.



4.0 Ah battery available as an accessory!



Quick-charger



Future-oriented battery management

The powerful HONSEL Li ion batteries are fully charged in **less than 30 minutes** – the **90 % charge is reached after only approx. 20 minutes** – so that the charging cycle is always shorter than the battery-consuming working time!

High-quality electronic quick-charger with **automatic identification of the battery used**. 12 V, 16 V and 20 V batteries from the Rivdom family can be charged using the same charger.

## ERGONOMY and COMFORT



**Quick-release mechanism** No more than one open-jaw wrench for maintenance!



**Outstanding ergonomics:** Rubberised universal handle for all hand sizes. Perfect housing geometry.



**Maximum comfort** thanks to rotation trigger with very low trigger force/short trigger stroke.

### Safety



### Extended warranty.

We are convinced of the quality of our HONSEL battery riveters. That is why we grant a **24-month manufacturer's warranty** on all current models. Just register on [www.honsel.de](http://www.honsel.de).



### Quick and easy.

**Retainer nosepieces** available as options for all Rivdom and RivSmart

battery riveters ensure that the rivet is securely held in the tool in any position before setting and that the mandrel is discharged **without tilting** after setting!



Belt clip

(alternatively rivet application plate)



LED-illuminated riveting point



Integrated mandrel holder



Robust mandrel collector  
Various sizes available as options.



Plastic box for nosepieces



Hanger bracket for balancer

**Individual return mode setting** - In addition to the manual return mode, the Rivdom tools\* offer an **automatic return mode**. Here the trigger merely has to be pressed slightly to start the automatic setting process. The tool automatically moves back to the starting position to keep the **riveting cycle as short as possible**.



\* not for RivdomONE

# HONSEL



Blind rivets



Blind rivet nuts



Blind rivet studs



HONSELcoils



Self-clinching elements



Powertrain fasteners



Bolts and sleeves



Special parts



Manual riveters



Pneumatic riveters



Battery riveters



Automation components



Process monitoring

**Honsel Distribution GmbH & Co.**  
Friedrich-Wöhler-Str.44  
24536 Neumünster  
**Deutschland**

fon ++49 4321 - 96 71 71  
fax ++49 4321 - 96 71 96  
mail [info@honsel.de](mailto:info@honsel.de)

825100200100-4-1