Programmable battery blind rivet nut and blind rivet screw setting tool

NutBee®

- Force controlled
- Multistage programming via USB interface
- Fast exchange nose assembly M3 - M10 (not all materials)
- OK / NOK evaluation
- Process and quality control
- Thanks to high quality components a fast setting speed is achieved
- Brushless high-powered motor
- Integrated nut / screw counter
- Comparison of the data with defined limits
- OLED display with symbol and clear text display
- 18 V Li-ion battery

PRO-M version optional with Wi-fi & scanner

Innovation is our passion
## Blind rivet nut setting tools

### NutBee®

#### Comparison

<table>
<thead>
<tr>
<th>Features</th>
<th>NutBee®</th>
<th>NutBee® PRO-M</th>
</tr>
</thead>
<tbody>
<tr>
<td>18 V programmable battery blind rivet nut setting tool</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>USB interface</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>USB cable</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>max. force 18,000 N</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>Force controlled (sensor)</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>Tool Manager Software</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>Count function</td>
<td>✔️</td>
<td>✔️</td>
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<tr>
<td>OLED display</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>Battery capacity display</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>Service counter</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>90 deposited force steps selectable</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>Individual force programmable</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>Blind rivet nuts M3 - M10 (not all materials)</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>Blind rivet screws M3 - M6 (not all materials)</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>Intelligent battery management</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>Force monitoring</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>Force monitoring via force / stroke curve incl. redundant current</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>Documentation of the force / stroke curve</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>90 programs storeable</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>Storage for 150,000 setting curves (results)</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>Multistage programming</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>Optional: Barcode scanner</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>Optional: Wi-fi or 868 MHz</td>
<td>✔️</td>
<td>✔️</td>
</tr>
</tbody>
</table>

*from page 6 from page 8*
Battery service life

With only one battery charge the NutBee® series can work up to 3,300 setting processes.

<table>
<thead>
<tr>
<th>Rivet nut</th>
<th>Battery HST-PR-1825</th>
<th>Battery HST-PR-1850</th>
<th>Battery HST-PR-1875</th>
</tr>
</thead>
<tbody>
<tr>
<td>M5 aluminium</td>
<td>1,150 pieces</td>
<td>2,200 pieces</td>
<td>3,300 pieces</td>
</tr>
<tr>
<td>M5 steel</td>
<td>850 pieces</td>
<td>1,600 pieces</td>
<td>2,400 pieces</td>
</tr>
<tr>
<td>M6 aluminium</td>
<td>1,050 pieces</td>
<td>2,000 pieces</td>
<td>3,000 pieces</td>
</tr>
<tr>
<td>M6 steel</td>
<td>800 pieces</td>
<td>1,500 pieces</td>
<td>2,250 pieces</td>
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<tr>
<td>M8 aluminium</td>
<td>900 pieces</td>
<td>1,700 pieces</td>
<td>2,750 pieces</td>
</tr>
<tr>
<td>M8 steel</td>
<td>450 pieces</td>
<td>850 pieces</td>
<td>1,250 pieces</td>
</tr>
</tbody>
</table>

Notice: Actual values can be different from the above numbers, depending on the rivet nut used.
Features

**Intelligent battery management**
The intelligent battery management guarantees that a setting process is only triggered if the battery has sufficient capacity to perform the task. The battery management guarantees a high cycle life span and offers effective protection against deep discharge of the Li-Ion battery.

**Software HST-Tool-Manager**
The HST-Tool-Manager allows the quick and easy parameterization of NutBee® Power Tools. The settings are saved in the tool, but they can also be saved locally on a PC as backup.

More Information you’ll find from page 13.

**OLED Display**
The blind riveter has an OLED display for status display. This makes life easier for the worker and informs him at all times about the status of the process and the blind riveter (work order / riveting results / battery status).

**Job / Process**
Several jobs / processes can be stored on a tool. A job connects up to 8 programs with each other and executes them in sequence. Thus, different clamping areas can be processed without activating different programs. A job can be activated via different options such as via barcode, controller or as a standard process (manual mode).
Optional barcode scanner integrated in the tool
Using the optional barcode scanner, components and/or assemblies can be assigned to the riveting result data. Furthermore, by using the barcode scanner, a program saved in the riveter can be activated and processed. The program called up contains the number of rivets and the process parameters, speed, force and more for the setting process. 10 barcodes storeable - 2D barcodes can be read.

Optional combined Wi-fi module for data communication
With the combined radio module the radio mode can be switched directly in the software (2.4 or 5 GHz). Also the channel and the traffic power can be set customized. We suggest the 5 GHz setting because the transmission power is twice as big and more radio channels can be chosen. Alternative a communication with 868 MHz radio can be offered. For more information contact us please. With 868 MHz radio the transmission of curves is not possible. Only the status will be transmitted.

Force sensor max. 20 kN
A maximum of monitoring and precision thanks to the process monitoring by force sensor via force/stroke curve. Sensor accuracy better 1 percent full scale.

Identical batteries
The tools work with the same battery types of the HST-PR series (18 V). These batteries are also used in combination with screwdrivers. More information about the batteries you’ll find on our webpage.
Innovation is our passion

Industry battery blind rivet nut and blind rivet screw setting tool

- Max. force 18,000 N
- Force controlled processing of blind rivet nuts
- Controlling the setting speed based on the force
- Adjustment of the setting force by clicking buttons at the display (more than 90 steps)
- Fast exchange nose assembly M3 - M10 (not all materials)
- Evaluation of the force tolerance of +/- 10% of the desired value Display: green / red smiley
- Process and quality control
- Brushless high-powered motor
- OLED Display mit Symbol- und Klartextanzeigen

Display

- OK / NOK evaluation (+/- 10% of the desired value), Program, battery status and error messages

Delivery without nose assembly, battery and charger.
Quality assurance

- Through the force controlled setting process, the NutBee® assures proper installation of the rivet nut. If adjusted correct, a stripping off of the rivet nuts thread and a damage of the threaded mandrel is prevented. In addition the force controlled process assures that all nuts are fully installed.

- The dynamic force-speed setting method guarantees a very high accuracy in the final force. +/- 10% Cmk >1.67

- The force of the tool can be adjusted individually for the setting process by means of more than 90 programs. An M6 steel nut can, for instance, be processed in different sheet thicknesses with program 70 (12.80 kN). The tool immediately checks whether the corresponding force has been reached and evaluates the process: The results are displayed visually on the screen (direct worker information)
  OK = green
  NOK = red and signal tone

Process reliability

- The setting is executing in several programmed steps:
  spin on / fastening via force / spin off

- The electronics are equipped with a self-testing function for all control parameters as well as the system components.

- The working area is illuminated with an LED in order to ensure reliable operation even in poorly illuminated working environments.

- The tool is equipped with an OLED display for displaying the status. This makes the worker’s work easier and provides information, at all times, regarding the status of the process and tool (results / battery status / active program / error notifications).

- Thanks to the well-positioned display and the setting buttons, unintentional modifications to the setting force are avoided. In addition, the device displays the set program prior to every setting process. The buttons on the tool allow the setting force to be modified quickly without any programming which means a tool can be used at several locations.

- Due to the use of high-quality components, the NutBee® series has a very long service life.

- Thanks to the new Li-Ion battery, the HS-Technik power tools achieve even longer and more optimized standby times.

Technical Data

<table>
<thead>
<tr>
<th>Model</th>
<th>NutBee®</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Setup of the force via display buttons</td>
</tr>
<tr>
<td>Setting force</td>
<td>18,000 N (transducer 20 kN)</td>
</tr>
<tr>
<td>Recommended</td>
<td>HST-PR-1825 - 2.5 Ah - (350g)</td>
</tr>
<tr>
<td>18 V Li-Ion battery</td>
<td>HST-PR-1850 - 5.0 Ah - (600g)</td>
</tr>
<tr>
<td>Weight</td>
<td>2.0 kg without battery</td>
</tr>
<tr>
<td>Dimensions (L x B x H)</td>
<td>230 x 66.5 x 259 mm</td>
</tr>
</tbody>
</table>

The accessories of the blind rivet nut setting tools you’ll find from page 12
**Innovation is our passion**

**NutBee® PRO-M**

Programmable battery blind rivet nut and blind rivet screw setting tool

- Force controlled processing of blind rivet nuts
- Multistage programming via USB interface (HST-Tool-Manager)
- Fast exchange nose assembly M3 - M10 (not all materials)
- OK / NOK evaluation with display of the measurement values on the OLED display
- Comparison of the data with defined limits
- Process and quality control
- Thanks to high quality components high speed setting process
- Brushless high-powered motor
- OLED display with symbol and clear text display
- 18 V premium Li-Ion battery
- Intelligent battery management
- LED lighting
- Integrated nut / screw counter
- Configuration and process data will be saved directly on the tool min. 150,000 result curves
- Complete process analysis
- Accurate evaluation
- Detailed analysis
- Autonomous work possible also without controller
- User-friendly software
- Precise and structured user guiding through the process
- Optional Barcode scanner and Wi-fi

**Delivery without nose assembly, battery and charger.**
Benchmark in der Akku-Blindniettechnik

**NutBee® PRO-M**

Your power tool for a save riveting process!

**Quality assurance**

- Through the force controlled setting process, the NutBee® assures proper installation of the rivet nut. If adjusted correct, a stripping off of the rivet nuts thread and a damage of the threaded mandrel is prevented. In addition the force controlled process assures that all nuts are fully installed.

- The force of the tool can be set individually using the HST-Tool-Manager software.

- Each rivet nut can thus be precisely adjusted for the setting process in order to achieve maximum accuracy. The tool immediately checks whether the corresponding reference values for force and stroke have been reached and evaluates the process: The results are displayed visually on the screen (direct worker information)

  - OK = green
  - NOK = red and signal tone

**Process reliability**

- The fastening will be performed in several programmed stages: spin on / fastening via force / spin off.

- The electronic component has a self-test for all control and reference values for the relevant system components.

- The working area is illuminated with an LED in order to ensure reliable operation even in poorly illuminated working environments.

- The tools has an OLED display for status display. This makes life easier for the worker and informs him at all times about the state of the process and the tool (work order / fastening results / battery status)

- Using the optional barcode scanner, components and/or assemblies can be assigned to the fastening result data. Furthermore, by using the barcode scanner, a program saved in the tool can be activated and processed. The program called up contains the number of nuts and the process parameters, force / stroke and time for the riveting process.

- With HST-Connect you connect the tool via Wi-fi 2.4 & 5 GHz to a controller, HST-ETC Easy Touch Control, AMT Ablauf 3 or ProTight.

- The integrated setting force is measured by an active force sensor with accuracy class 0,5% full scale.

**More information about the Controller you’ll find on our webpage**

The accessories of the blind rivet nut setting tools you’ll find from page 12
Display indicators in German and English:

- Nut rivet / screw counter
- OK / NOK smiley
- Battery status
- Scanned barcode
- Wi-fi status
- Serial number
- Error messages
- NOK reason
- Confirmation query
- Service status
- Program
- Enable
- Error solutions

Delivery without nose assembly, battery and charger.
Technical Data

Program software for HS-Technik Power Tools

After connecting the tool with a PC via USB, the software allows a fast and easy adjustment of the tool settings.

With as less as three clicks, the tool is connected with the PC and can be configured.

A crucial advantage is that the software is delivered free of charge with the tools.

With a small amount of reference processes, the threshold values can be set fast and easy.

The settings for the service data and the indicators for the user are adjusted with a few clicks.

Barcodes and jobs can be set without big efforts.

More information you’ll find from page 13 and in the software area or on our webpage.

The accessories of the blind rivet nut setting tools you’ll find from page 12

www.hs-technik.com
Blind rivet nut setting tools

Accessories

Nose assemblies

<table>
<thead>
<tr>
<th>Order no.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HST-NR-M3</td>
<td>Nose assembly NutBee M3, complete</td>
</tr>
<tr>
<td>HST-NR-M4</td>
<td>Nose assembly NutBee M4, complete</td>
</tr>
<tr>
<td>HST-NR-M5</td>
<td>Nose assembly NutBee M5, complete</td>
</tr>
<tr>
<td>HST-NR-M6</td>
<td>Nose assembly NutBee M6, complete</td>
</tr>
<tr>
<td>HST-NR-M8</td>
<td>Nose assembly NutBee M8, complete</td>
</tr>
<tr>
<td>HST-NR-M10</td>
<td>Nose assembly NutBee M10, complete</td>
</tr>
<tr>
<td>HST-NR-8/32</td>
<td>Nose assembly NutBee #8/32, complete</td>
</tr>
<tr>
<td>HST-NR-10/32</td>
<td>Nose assembly NutBee #10/32, complete</td>
</tr>
<tr>
<td>HST-NR-1/4-20</td>
<td>Nose assembly NutBee 1/4&quot;-20, complete</td>
</tr>
<tr>
<td>HST-NR-5/16-18</td>
<td>Nose assembly NutBee 5/16&quot;-18, complete</td>
</tr>
<tr>
<td>HST-NR-3/8-16</td>
<td>Nose assembly NutBee 3/8&quot;-16, complete</td>
</tr>
</tbody>
</table>

The nose assembly consists of the nose piece and threaded mandrel as well as the adaption to the NutBee®.

For each tool a nose assembly is required. To process a different size of rivet nut, only the nose piece and threaded mandrel need to be exchanged.

Most important components of the nose assembly

<table>
<thead>
<tr>
<th>Order no.</th>
<th>(1) Nose piece</th>
<th>(2) Threaded mandrel</th>
</tr>
</thead>
<tbody>
<tr>
<td>HST-NR-M4</td>
<td>NRIV-MM4</td>
<td>NRIV-GM4</td>
</tr>
<tr>
<td>HST-NR-M5</td>
<td>NRIV-MM5</td>
<td>NRIV-GM5</td>
</tr>
<tr>
<td>HST-NR-M6</td>
<td>NRIV-MM6</td>
<td>NRIV-GM6</td>
</tr>
<tr>
<td>HST-NR-M8</td>
<td>NRIV-MM8</td>
<td>NRIV-GM8</td>
</tr>
<tr>
<td>HST-NR-M10</td>
<td>NRIV-MM10</td>
<td>NRIV-GM10</td>
</tr>
<tr>
<td>HST-NR-8/32</td>
<td>NRIV-MM4</td>
<td>NRIV-GM8-32</td>
</tr>
<tr>
<td>HST-NR-10/32</td>
<td>NRIV-MM5</td>
<td>NRIV-GM10-32</td>
</tr>
<tr>
<td>HST-NR-1/4-20</td>
<td>NRIV-MM6</td>
<td>NRIV-GM1/4-20</td>
</tr>
<tr>
<td>HST-NR-5/16-18</td>
<td>NRIV-MM8</td>
<td>NRIV-GM5/16-18</td>
</tr>
<tr>
<td>HST-NR-3/8-16</td>
<td>NRIV-MM10</td>
<td>NRIV-GM3/8-16</td>
</tr>
</tbody>
</table>

For blind rivet nuts

Customized special length of threaded mandrels as also special nose pieces upon request.

For blind rivet nuts

Mounting assembly compatible with all PowerRiv® and NutBee® tools

Tool holder mini max. Ø 42 mm

Innovation is our passion
The following settings can be adjusted in the standard version of the NutBee® series:

- The buttons of the display can be deactivated, so that the operator can’t change the set value
- Timing of automatic display standby and tool shut down
- Language and unit of the result display
- Firmware update
- Service counter can be set or deactivated
- Calibration of the tool, respectively match force value with MCT value
HST-Tool-Manager
Programming software for HS-Technik Power Tools

The HST-Tool-Manager allows the quick and easy parameterization of HST Power Tools. In addition to the general settings such as signal tones, LED indicators and monitoring settings, the process relevant parameters e.g. at the NutBee® PRO-M such as force / stroke / speed of connections can be set with the HST-Tool-Manager.

The settings are saved in the tool, but they can also be saved locally on a PC as backup.

Furthermore, the HST-Tool-Manager offers a print function with which the settings can be printed and documented as a PDF.
In addition, the HST-Tool-Manager offers the opportunity to safe all data in XML format.

The software is a very user-friendly application. It is self-explanatory and does not require any intense training.
The chart and the statistics can be opened with a mouse-click after connecting the tool.
All statistic parameters can be imported easily into Excel for further processing.

With a backup file you can change the settings without a direct contact to the tool. So the settings can be checked easily. Also you can send them e.g. via E-Mail.

A firmware update of the power tools is done fast and easy via the USB-port.
Also you can export / import some or all settings of the tool. So it’s easy to clone some tools.

Different user profiles (evaluation, programmer, administrator, network administrator, calibration, and service), have different rights to change settings.

In addition to setting the process parameters, the software also offers the opportunity to analyze recorded process data.
Charts and overview tables for the fastening results can be read and documented by the tool’s memory via PC and USB cable.

When reading a tool, the HST-Tool-Manager will automatically store a tool backup.

The “Language-Select-System” (LSS), which has been registered for a patent, offers the world’s only possibility for changing the language of the software directly without a restart or reinstallation of the software.

The software is available in the following languages:
• German
• English (UK)
• English (US)
• French
• Italian
• Chinese
• Russian

Further languages following
Program overview:
The program overview is similar to those for the screwing tools and also provides a quick overview and easy selection and set-up of programs. With only a few clicks, a program can be completely set up and the setting process can begin.

Program:
The basic settings, counting functions, evaluation or measurement windows and the additional options can be defined for the program. The structured steps display guarantees the setting process can be easily set up.

Evaluation definition directly from reference rivets:
The evaluation can be performed directly via the graphics window using several reference setting processes (red). To this end, the processes are read out and the evaluation window (green) can be adapted to the results that are deemed good. Tabular values can also be entered.

Graph:
Different display modes for the optimal presentation of the results. Specified data can be downloaded from the tool and can then be further processed or saved using Excel. The filter function allows relevant data to be evaluated even more precisely.

You can find additional images and explanations on our homepage.
RIVETKING®
PRODUCT LINE
RIVETS • PNEUDRAULICS • PNEUMATICS • CORDLESS • AUTOFEED • HAND TOOLS

FOR PROFESSIONAL INSTALLATION OF:
• BLIND RIVETS
• RIVETNUTS
• LOCKBOLTS
• QUICKRIVETING
• SEMI-TUBULAR RIVETS
• QUICKRIVETING
• SOLID RIVETS

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WWW.RIVETKING.COM
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- Denver, Colorado
- Kansas City, Missouri
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- Mississauga

Mexico
- Monterrey

Pacific Rim
- Kaohsiung, Taiwan
- Shanghai, China
- Shibuya, Japan
- Perth, Australia

Europe
- Neumarkt, Germany
- Spain
- United Kingdom

A SUPERIOR, ROBUST PRODUCT SET

Industrial Rivet has one of the largest inventories of off the shelf products that range from standard to highly specialized rivets, available in any head style, length, material and finish, including:
- Blind Rivets
- Speed Rivets
- Rivet Nuts
- Drive Rivets
- Lock Bolts

- Solid Rivets
- Semi-Tubular Rivets
- Split Rivets
- Collar Rivets
- Shoulder Rivets

We have approximately 3000 pallet positions which equates to billions of rivets in inventory, ready for same day shipment.

TECHNICAL SUPPORT

Technical Support is provided on all RivetKing products. At your disposal you will find application engineers, quality engineers, and a knowledgeable sales associate to help you along the way. Whether its testing, product selection, or you need to help your customer repair their rivet gun, we are here to help you earn your reputation as we aim to earn ours.

ENGINEERING

We challenge you to find us a riveting problem we can’t solve. Our engineers will conduct an in-depth evaluation of your customers application and make recommendations on how it can be improved and automated, all while offering an installed cost savings. This offers our distributors great opportunities for print position on the engineered sale. Sales Drawings are always openly shared in either 2D or 3D format.

QUALITY CONTROL

Delivering the right product and at the right time is important, but to Industrial Rivet it is only part of the equation. Since rivets are permanent, they must be of the highest quality, which is why the company uses an advanced computerized quality control system to inspect each and every one of its products in terms of both consistency and reliability.

Additional quality control systems are in place for specific products such as the company’s Salt Spray chamber that confirms the effectiveness and longevity of plated material in an accelerated corrosive environment. Shear, tensile and break load testing is also performed onsite regularly to gauge the structural integrity of each inspected product.

As a result, Industrial Rivet as a whole has been ISO certified for more than a decade and many of the company’s manufacturing facilities are also TS16949 accredited. The company is also currently in the process of obtaining A2LA accreditation.

WE ARE HERE FOR YOU

OUR TRAINED PERSONNEL ARE HERE TO SERVE OUR CUSTOMERS. IF YOU HAVE ANY QUESTIONS, PLEASE CALL OUR QUALITY CONTROL DEPARTMENT OR ONE OF OUR APPLICATIONS ENGINEERS. TAP INTO OUR CAPABILITIES, WE’RE HERE TO SERVE YOU.

INDUSTRIAL RIVET & FASTENER CO.
200 PARIS AVENUE
NORTHVALE, NEW JERSEY 07647
U.S.A.
TEL: (201) 750-1040  1-800-BUY-RIVET
FAX: (201) 750-1050
WWW.RIVET.COM
### RIVETKING® TOOLS FOR BLIND RIVETS

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>MODEL</td>
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### RIVETKING® TOOLS FOR RIVET NUTS

<table>
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<tr>
<th>MODEL</th>
<th>SPIN-SPIN SERIES</th>
<th>RK-1500Q</th>
<th>RK-500Q</th>
<th>RK-280</th>
<th>SPIN-PULL SERIES</th>
<th>RK-505P</th>
<th>RK-555PS</th>
<th>FREESET® SERIES</th>
<th>RK-787</th>
</tr>
</thead>
<tbody>
<tr>
<td>MODEL</td>
<td></td>
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### RIVETKING® TOOLS FOR LOCKBOLTS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>PNEUDRAULIC TOOL</th>
<th>RK-756</th>
<th>FREESET® SERIES</th>
<th>RK-797</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

---

- **MODEL**: Select the appropriate tool model for your needs.
- **ECONOMY TOOLS**: RK-167, RK-250, RK-400CR
- **RK-8000 SERIES**: RK-8000, RK-8000M, RK-8000LS
- **RK-9000 SERIES**: RK-9000, RK-9000M, RK-9000LS
- **FREESET® SERIES**: RK-777
- **KINGSET® SERIES**: RK-4500K5S

- **SPIN-SPIN SERIES**: RK-1500Q, RK-500Q, RK-280
- **SPIN-PULL SERIES**: RK-505P, RK-555PS
- **FREESET® SERIES**: RK-787

- **FREESET® SERIES**: RK-797

---

**Production Tools - Features and Capacities**

- **STANDARD FEATURE**: Icon denoting standard features.
- **OPTIONAL FEATURE**: Icon denoting optional features.
- **LIMITATIONS (CONTACT SALES)**: Icon indicating limitations that may require contact with sales for further information.

---

**PAGE 2**
Blind Rivet Tools — High Performance

RK-9000 SERIES - 2 Year Limited Warranty - Managed Maintenance

ROBUST, HIGH PERFORMANCE RIVETING - MAINTAINED BY PROFESSIONALS.
The fusion of power and speed, with an improved ergonomic and rugged design results in a series of tools for the most demanding production environments. The RK-9000 series offers a 360° degree adjustable air inlet for both left and right handed users. The vacuum forces is greatly improved due to its efficient use of air providing extreme extraction of the mandrel after riveting. The easy touch trigger requires less than .25 lbs force to activate. The rugged glass filled nylon casing and high durometer rubber boot provides the tool with years of protection. All tools are serialized for tracking. Only care and cleaning is required of the users. Maintenance is supported by service centers nationwide.

RK-8000 SERIES - 1 Year Limited Warranty - User Maintenance

MODULAR DESIGN AND A CARRY CASE - MAINTAINED BY USERS.
The proven RK-8000 series was designed on a modular platform which allows for backwards compatibility across revisions. The three models have many interchangeable parts and there is swift access to the internal components. The long stroke insures the rivet is set in one shot. The vacuum mandrel collection system is adjustable to reduce the load on shop compressors. The tool is provided in a blow molded case with organizational foam inserts for companies developing 5-S strategies. All tools are serialized for tracking. This series can be supported in-house with the provided tool kit or with standard tools available in any maintenance department.

KINGSET - Autofeed Riveting System
THE ABSOLUTE FASTEST AND MOST COST EFFECTIVE AUTOFEED RIVETING SOLUTION.
Streamline your process and eliminate wasted time. STOP loading rivets one by one. Operators can now focus on hole alignment rather than picking the rivet from a box and placing the rivet in the nose piece. With the Kingset system, rivets are supplied on PE film which is fed through the nose of the riveter. Once the rivet is set, the next is autofed to the nose. The system reduces operator fatigue and significantly improves output. Ask us and we will prove it by a free demonstration at your facility.

RK-777 FREESET - High Performance Cordless Riveting
INCREASED WORK AREA SAFETY AND QUALITY CONTROL.
The FreeSet series is an industry changing alternative to pneumatics. For the first time in cordless tools, the brushless motor is capable of setting rivets faster than traditional air riveters. In todays competitive environment, the costs for maintenance of compressed air systems are being realized. Work areas are more condensed causing an increase in trip and fall accidents. A tool free of air, cords and attachments is now possible with FreeSet. The tool can also be optionally equipped with bar code readers, force sensors and WIFI to insure each rivet is properly installed.

KING SET - High Performance Cordless Riveting
PNEUDRAULIC SPIN-PULL TOOLS FOR RIVETNUTS

**SPIN/PULL TO PRESSURE - PERFORMANCE AND VERSATILITY**
The RK-50SP is a proven and cost effective alternative to spin-spin models. With Pneudraulic technology, you can apply rivetnuts with speed and consistency improving overall quality of the riveted components.

**SPIN/PULL TO STROKE - LIGHTWEIGHT, POWERFUL AND ERGONOMIC**
The RK-55SPS has the highest force to weight ratio in its class. Powerful, yet extremely lightweight, it is ideal for production lines where repetitive motion is of concern. The tool shell is well protected to prevent damage from accidental droppage. 360° degree air inlet is well suited for right handed or left handed users.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>CAPACITY</th>
<th>MODEL</th>
<th>CAPACITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>RK-50-SP</td>
<td>1/2” MAX</td>
<td>3/8” MAX</td>
<td>1/2” MAX</td>
</tr>
<tr>
<td>Power: 6,565 lbsF</td>
<td>Power: 4,158 lbsF</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stroke: .276”</td>
<td>Stroke: .276”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight: 5.5 lbs</td>
<td>Weight: 3.3 lbs</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

CORDLESS FREESET® SPIN-PULL TOOL FOR RIVETNUT

**SPIN/PULL TO FORCE OR SPIN/PULL TO STROKE**
—YOU CHOOSE!—
The Freeset RK-787 is absolutely the most advanced riveter available today. It is the only tool available with a load cell on the nose assembly to insure that the force generated by the tool is actually delivered to the rivet nut. This eliminates rivet nut spin outs completely and insures the rivet nut is properly set, every time. Simply program the force needed for the desired rivet nut. For quick and easy program setup, a barcode reader can be optionally installed.

OPTIONS:
- USB Access
- Freeset Manager Software
- Barcode Reader
- Speed Control
- WiFi
- PLC Integration

**SEE PAGE 6 FOR MORE INFO**

SPIN-SPIN RIVETNUT TOOLS

**ECONOMIC AND LIGHT WEIGHT**
The 2 stage rocker trigger design is unique and the clamshell housing allows for easy access and repair. Rivetnut is installed with Torque.

**OPTIONS:**
- USB Access
- Freeset Manager Software
- Barcode Reader
- Speed Control
- WiFi
- PLC Integration

**SEE PAGE 6 FOR MORE INFO**

RivetKing® LockBolt Tools

**COLLAR BOLT INSTALLATION TOOLS**
- Collar Bolts & Tools for Collar Bolts larger than 3/8” Diameter are available on request.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>CAPACITY</th>
<th>MODEL</th>
<th>CAPACITY</th>
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</thead>
<tbody>
<tr>
<td>RK-797</td>
<td>1/4” MAX</td>
<td>RK-756</td>
<td>3/8” MAX</td>
</tr>
<tr>
<td>RK-8CS</td>
<td>BUCKET COLLECTION SYSTEM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>The bucket collection system comes integrated with a high power pneumatic vacuum which is attached via a small hose in place of the mandrel collection cup. It will withdraw spent mandrels up to 10 feet away from the RK-8000 riveter.</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

**SEE PAGE 6 FOR MORE INFO**
RivetKing® QuickRiveting

QUICKRIVETING SYSTEM®
Rivets are provided on magazines called pods with up to 80 rivets on a pod. Pods are easily loaded into a lightweight 3lb riveting handle for installation of up to 1 rivet per second. Rivets are installed by the withdrawal of a re-usable mandrel and radially expanding the entire body of the rivet. Because the mandrel is completely withdrawn there is no mandrel waste on the assembly floor. Perfect for electronics applications.

ADDITIONAL ADDED VALUE FEATURES INCLUDE:
- Increased Output
- Reduced Labor
- Minimal Waste
- Improved Ergonomics
- Cost Savings
- Improved Joint Quality and Performance
- Fine Tuning and Flexibility
- Reliability and Consistency

RK-753-T
TOP MOUNT MODEL
RK-753-I
STANDALONE RIVETING TOOL
RK-753-P3
PANTOGRAPH RIVETING TOOL

FOR KINGSET AUTOMATION SEE PAGE 5

RivetKing® Automation
RivetKing® KingSet™

KINGSET™ — A REVOLUTIONARY RIVET DELIVERY SYSTEM

KINGSET™ IS A SOPHISTICATED HANDHELD RIVETING SYSTEM OFFERING USERS A TRULY UNPRECEDENTED LEVEL OF FUNCTIONALITY.

With auto-feed capabilities — KingSet™ can literally be used to set any type of 1/8", 5/32" and 3/16" breakstem blind rivet pre-loaded on tape. And since KingSet™ has been engineered and designed for different application ranges, it can easily adapt to a variety of manufacturing environments.

The incredible flexibility of our best-in-class rivet delivery system also provides a fast setting operation that includes rapid reload and cycle times. The result is an immediate increase in productivity and significant cost savings with the reduction of in-place installation. For even greater efficiency, an adjustable vacuum system minimizes air consumption based specifically on the size of the rivet being set.

KingSet™ is a fully portable, ergonomically balanced tool that can be suspended either horizontally or vertically. This is combined with a highly engineered, one-touch operation that allows users to set rivets automatically while leaving one hand free to hold work pieces in place. Plus, a built-in Mandrel Collection System (MCS) helps insure work place safety and cleanliness.

Perfect for mid-range to high volume applications, KingSet™ provides a strong, reliable joint while effectively streamlining the assembly of everything from appliances, to automotive products, to electronic chassis, to HVAC and other sheet metal fabrications.

KINGSET™ STREAMLINES THE ASSEMBLY
Sheet Metal Fabrications Including Appliances, Automotive Products, Signage, and More.

RIVETKING® FOR EVERYTHING YOU NEED

As a world-class manufacturer, distributor and importer — RivetKing® gives you access to the industry’s deepest inventory of ready-made rivets. Our extensive knowledge of permanent fasteners and vast manufacturing network also means we can make custom products in any head style, length, material and finish, including:

- BLIND RIVETS
- SPEED RIVETS
- RIVET NUTS
- SOLID RIVETS
- SEMI-TUBULAR RIVETS
- SPLIT RIVETS
- SHOULDER RIVETS
- COLLAR RIVETS
- DRIVE RIVETS
- LOCKBOLTS

All this is combined with a wide array of innovative rivet delivery systems, including our ground breaking KingSet™ handheld tool.

SERVICE AND SUPPORT

With eight international locations, ten U.S. distribution centers, and nearly seventy employees — RivetKing® is uniquely positioned to deliver a superior and innovative product set backed by exemplary service and unmatched quality.

When you choose KingSet™, our Application Engineers will conduct an in-depth evaluation of your operations and make recommendations on how this automated, handheld tool can best work in your environment. In addition, our experts are always available by phone or on site to provide technical support for any product; even another manufacturer’s current and past rivet delivery systems.

Simply put, KingSet™ gives you all the reliability you are used to, but with a far greater range of applications and with the ability to use our self-feed riveting system with any manufacturer’s rivets.
RivetKing® Freeset™

FREESET™ – FAST, CORDLESS, INTELLIGENT RIVETING TOOLS

FREESET™ IS A GROUND BREAKING TECHNOLOGY WHICH OFFERS THE FREEDOM OF BATTERY OPERATED TOOLS AND COMBINES IT WITH SMART TECHNOLOGIES TO PROVIDE AN INTERACTIVE RIVETING EXPERIENCE.

Its concept is simple: Add intelligence to a high performance tool, with a renewable energy source and you arrive with the technology of FreeSet. FreeSet is a tool offered in a variety of configurations which can meet and exceed the needs of its users. Whether operating without access to a compressor, de-cluttering work cells, or incorporating error-proofing strategies in the production line, FreeSet can be configured to solve nearly any assembly problem.

FreeSet Technology can be used to apply Blind Rivets, Rivet Nuts or LockBolts and can be configured as a LITE, STANDARD, or PRO version.

The PRO version error proofing features are robust, providing both visual and audible OK/NO-OK indicators via the multi color display.

The force sensor can detect variations in setting force as well as the actual grip. The results of which can either be stored in the tool memory card, or exported by USB to EXCEL to review the force curves.

A barcode reader can be added for quick and easy program recall and tool setup.

For advanced users, a WIFI connection can be opened and the tool can communicate with PLC for additional controls.

This tool is ECO Friendly and considered a Green technology as the battery life is managed by the tools microprocessor and the smart charger. This extends battery life for years. In addition, this tool can be used in calculations to reduce your CO2 footprint.

VERSIONS

ALL VERSIONS:
• 18V up to (7.5ah) 3 Battery with Battery Management System
• High Power Brushless Motor
• Work light
• Maintenance Management System
• Maintenance Interval Alarm / Buzzer

(-1) LITE VERSION:
• Without Multi color Display and without Optional Features

(-2) STANDARD VERSION:
• Multi Color Display, USB Connectivity, Software, Motor Control
• Optional Features: Barcode Reader, WiFi

(-3) PRO VERSION:
• Force Sensor, Rivet Qualifier, Operator Feedback, Memory Card, Counter
• Storage of up to 150,000 rivet installations
• Multi Color Display USB Connectivity, Software, Motor Control
• Optional Features: Barcode Reader, WiFi

FREESET® BENEFITS

SAFER WORK ENVIRONMENT
• Eliminate Trip Hazards
• Improved Ergonomics, no cable to drag around
• Improved Air Quality, eliminating oil emitted from the air

REDUCE MANUFACTURING COSTS
• Quick Draw Technology drastically increases tool speed
• Cordless Tools use 99% less energy than air tools
• No pressure drops caused by compressors
• No Maintenance of oilers
• No more supply line leaks
• Portable and can be re purposed
• Eco/Green Friendly - Reduces CO2 footprint

QUALITY ASSURANCE
• Break Load/Installation Force Measurement
• Error Proofing features with visual and audible alerts
• Data logging and access via Excel
• Increased operator/supervisor awareness
• Increased supervisor or engineering
• No cords to dirty or scratch painted or finished surfaces
• Test and compare batches of rivets
• Test tightness and set to a specific setting force
• Ensures the correct number of rivets has been installed

RK-777 FOR BLIND RIVETS
MODELS:
RK-777-1, LITE, No Display
RK-777-3, PRO, Force Sensor

OPTIONS:
• USB
• BARCODE READER
• WIFI
• STRUCTURAL VERSIONS

CAPACITY:
• 1/4"
• 2,900 LBS MAX

RK-787 FOR RIVET NUTS
MODELS:
RK-787-2, STD, Force Only
RK-787-3, PRO, Force/Stroke Sensor

OPTIONS:
• USB
• BARCODE READER
• WIFI

CAPACITY:
• 3/8" THINWALL
• 4,000 LBS MAX

RK-797 FOR LOCKBOLTS
MODELS:
RK-787-1, LITE, No Display
RK-787-3, PRO, Force/Stroke Sensor

OPTIONS:
• USB
• BARCODE READER
• WIFI

CAPACITY:
• 1/4"
• 2,900 LBS MAX
**BLIND RIVETING TOOLS**

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>RK65</td>
<td>BOX PACKAGING</td>
</tr>
<tr>
<td>RK65-A</td>
<td>KIT W/ ALUMINUM RIVETS</td>
</tr>
<tr>
<td>RK65-S</td>
<td>KIT W/ STEEL RIVETS</td>
</tr>
<tr>
<td>RK65-F</td>
<td>KIT W/ STAINLESS RIVETS</td>
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**RK-65 BLIND RIVETING TOOL**

<table>
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<th>PART NUMBER</th>
<th>DESCRIPTION</th>
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<tr>
<td>RK69</td>
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**RK-69**

<table>
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<th>PART NUMBER</th>
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<tbody>
<tr>
<td>CN-6B</td>
<td>BOX PACKAGING</td>
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</tbody>
</table>

**COINED AS THE BIG MAMMA, THIS GEARED RIVETING TOOL HAS EXTREME MECHANICAL ADVANTAGE AND CAN SET EVEN STRUCTURAL RIVETS WITH EASE DUE TO ITS LONG STROKE AND HIGH POWER. THE HANDLES ARE DESIGNED TO PROVIDE THE USER WITH EXTREME LEVERAGE IN DEMANDING APPLICATIONS**

**RIVETKING® COMBO TOOLS, 2-IN-1 BLIND RIVET & RIVET NUT TOOL**

**WHY BUY TWO TOOLS WHEN YOU ONLY NEED ONE?**
This unique tool has the ability to set both blind rivets and rivet nuts. The changeover from blind rivets to rivet nuts is simple and takes less than 1 minute. The tool is supplied in kit form, and contains a nose piece for blind rivets and mandrels for rivet nuts in every size and is conveniently stored in the blow molded carry case. Forged steel arms ensure durability while comfort soft touch rubberized grips guarantee comfort.

<table>
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<th>PART #</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>RK20</td>
<td>INCH TOOL - BOX PACKAGING</td>
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<tr>
<td>RK20M</td>
<td>METRIC TOOL - BOX PACKAGING</td>
</tr>
<tr>
<td>RK20 - AKIT</td>
<td>KIT W/ ALU RIVETS &amp; NUTS</td>
</tr>
<tr>
<td>RK20 - SKIT</td>
<td>KIT W/ STEEL RIVETS &amp; NUTS</td>
</tr>
<tr>
<td>RK20 - FKIT</td>
<td>KIT W/ STAINLESS RIVETS &amp; NUTS</td>
</tr>
<tr>
<td>RK20 - MMK</td>
<td>KIT W/ STAINLESS RIVETS &amp; NUTS</td>
</tr>
</tbody>
</table>

**WHY BUY TWO TOOLS WHEN YOU ONLY NEED ONE?**
This unique tool has the ability to set both blind rivets and rivet nuts. It even has the ability to set 1/4" structural blind rivets and rivet nuts up to 3/8". The changeover from blind rivets to rivet nuts is simple and takes less than 1 minute. It’s patented fold away design makes it easy to carry and store. It contains a nose piece for blind rivets and mandrels for rivet nuts in every size and is conveniently stored in the blow molded carry case. Forged steel arms ensure durability while comfort soft touch rubberized grips guarantee comfort.

<table>
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<th>PART #</th>
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<tr>
<td>RK21</td>
<td>BLIND RIVETS = 1/4&quot; &amp; STRUCTURAL RIVET</td>
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**MANUAL RIVETNUT™ TOOLS**

<table>
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<tr>
<th>PART NUMBER</th>
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<tbody>
<tr>
<td>RK100</td>
<td>RK100 BOX PACKAGING</td>
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<tr>
<td>RK100-AK</td>
<td>KIT W/ALUMINUM RIVETS</td>
<td></td>
</tr>
<tr>
<td>RK100-SK</td>
<td>KIT W/STEEL RIVETS</td>
<td></td>
</tr>
<tr>
<td>RK100-3K</td>
<td>KIT W/STAINLESS RIVETS</td>
<td></td>
</tr>
</tbody>
</table>

**RIVETKING® 2 IN 1: BLIND RIVET & RIVET NUT TOOL**

**WHY BUY TWO TOOLS WHEN YOU ONLY NEED ONE?**

This unique tool has the ability to set both blind rivets and rivetnuts. It even has the ability to set 1/4" structural blind rivets and rivetnuts up to 3/8". The changeover from blind rivets to rivet nuts is simple and takes less than 1 minute. It’s patented fold away design makes it easy to carry and store. It contains a nose piece for blind rivets and mandrels for rivetnuts in every size and is conveniently stored in the blow molded carry case. Forged Steel arms insure durability while comfort soft touch rubberized grips guarantee comfort.

**RK SERIES RIVETKING® ECONOLINE™ TOOLS**

**BUILT WITH QUALITY AND ECONOMY IN MIND, THE RK SERIES RIVETERS HAVE ENOUGH FORCE TO PULL ANY RIVET.**

Perfect for DIY market and for situations where abuse or theft is of concern. The RK-6000VS is an ergonomic and lightweight model that has Vacuum Mandrel collection and is a break-away from the traditional design.

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>1/4&quot; MAX.</th>
<th>6MM MAX.</th>
<th>1/4&quot; MAX.</th>
<th>3/8&quot; OR 10MM</th>
</tr>
</thead>
<tbody>
<tr>
<td>RK-187</td>
<td>3/16&quot; MAX.</td>
<td>Power: 1,980 lbsF Stroke: .625&quot; Weight: 3.3 lbs</td>
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<tr>
<td>RK-250</td>
<td>1/4&quot; MAX. &amp; STRUCTURAL RIVETS</td>
<td>Power: 4,200 lbsF Stroke: .67&quot; Weight: 4.3 lbs</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RK-6000VS</td>
<td>ERGONOMIC MODEL</td>
<td>Power: 2,248 lbsF Stroke: .669&quot; Weight: 4.1 lbs</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RK-INLINE</td>
<td>3/16&quot; MAX.</td>
<td>Power: 1,980 lbsF Stroke: .625&quot; Weight: 3.3 lbs</td>
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</tr>
<tr>
<td>RK-401CR</td>
<td>1/4&quot; MAX.</td>
<td>Power: 1,980 lbsF Stroke: .625&quot; Weight: 3.3 lbs</td>
<td></td>
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</tr>
</tbody>
</table>
RivetNut Product Line

**IKF SERIES®**
- Standard RivetNut
  - Ribbed Body • Low Profile Head

**IKR SERIES®**
- Standard RivetNut
  - Ribbed Body
  - Reduced Head

**IRL SERIES™**
- Standard RivetNut
  - Smooth Body
  - Large Head

**IRR SERIES™**
- Standard RivetNut
  - Smooth Body
  - Reduced Head

**ISR SERIES™**
- Standard RivetNut
  - Swaging
  - Straight Knurl

**ISN SERIES®**
- Standard RivetNut
  - Swaging
  - Diamond Knurl (for plastics)

**IHF SERIES™**
- Standard RivetNut
  - Half Hex Body
  - Low Profile Head

**NKL SERIES™**
- European Standard RivetNut
  - Ribbed Body • Large Head

**NKR SERIES™**
- European Standard RivetNut
  - Ribbed Body • Reduced Head

**NKC SERIES™**
- European Standard RivetNut
  - Ribbed Body • Countersunk Head

**NSL SERIES™**
- European Standard RivetNuts
  - Smooth Body • Large Serrated Head

**NHL SERIES™**
- European Standard RivetNuts
  - Full Hex Body • Large Head

**NHR SERIES™**
- European Standard RivetNut
  - Full Hex Body • Reduced Head

**IPB SERIES™**
- Standard RivetNut
  - Quadranut
  - Pre-Bulbed Shank

**IPN SERIES™**
- Standard RivetNut
  - Quadranut
  - Straight Shank

**JK SERIES™**
- Standard RivetNut
  - Quadranut
  - Stamped

**JF SERIES™**
- Standard RivetNut
  - Quadranut
  - RubberNut
## RivetKing® Solid / Semi Tubular Rivet Product Line

### SEMI TUBULAR RIVETS - ALL MATERIALS

<table>
<thead>
<tr>
<th>Type</th>
<th>Image</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oval Head/Truss Head</td>
<td><img src="oval-head.png" alt="Image" /></td>
<td>Deep Hole</td>
</tr>
<tr>
<td>Semi Tubular Shoulder Rivets</td>
<td><img src="semi-tubular-shoulder.png" alt="Image" /></td>
<td>Truss Rivet 144°</td>
</tr>
<tr>
<td>Semi Tubular Collar Rivets</td>
<td><img src="semi-tubular-collar.png" alt="Image" /></td>
<td>Self Piercing Semi Tubular</td>
</tr>
<tr>
<td>Oval Head</td>
<td><img src="oval-head.png" alt="Image" /></td>
<td>Electrical Contact</td>
</tr>
<tr>
<td>Split Rivet</td>
<td><img src="split-rivet.png" alt="Image" /></td>
<td></td>
</tr>
</tbody>
</table>

### SOLID RIVETS: STEEL, BRASS, STAINLESS, COPPER AND MONEL

<table>
<thead>
<tr>
<th>Type</th>
<th>Image</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Round Head</td>
<td><img src="round-head.png" alt="Image" /></td>
<td>Flat Head</td>
</tr>
<tr>
<td>Cylindrical</td>
<td><img src="cylindrical.png" alt="Image" /></td>
<td>Countersunk 90°</td>
</tr>
<tr>
<td>Truss Head</td>
<td><img src="truss-head.png" alt="Image" /></td>
<td>Solid Shoulder</td>
</tr>
<tr>
<td>Solid Collar Clutch Facing</td>
<td><img src="solid-collar-clutch.png" alt="Image" /></td>
<td>Trunk Rivet &amp; Burrs</td>
</tr>
<tr>
<td>Copper Belt Rivets &amp; Burrs</td>
<td><img src="copper-belt.png" alt="Image" /></td>
<td>Tinner's Rivet</td>
</tr>
</tbody>
</table>

### ALUMINUM RIVETS

<table>
<thead>
<tr>
<th>Type</th>
<th>Image</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Round/Button Head</td>
<td><img src="round-button.png" alt="Image" /></td>
<td>Flat Head</td>
</tr>
<tr>
<td>Universal Head</td>
<td><img src="universal.png" alt="Image" /></td>
<td>Brazier Head</td>
</tr>
<tr>
<td>Modified Brazier Head</td>
<td><img src="modified-brazier.png" alt="Image" /></td>
<td>Countersunk 78°</td>
</tr>
<tr>
<td>Countersunk 100°</td>
<td><img src="countersunk.png" alt="Image" /></td>
<td></td>
</tr>
</tbody>
</table>

### VARIOUS SPECIALS

<table>
<thead>
<tr>
<th>Type</th>
<th>Image</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Collar Rivets</td>
<td><img src="collar.png" alt="Image" /></td>
<td></td>
</tr>
<tr>
<td>Clevis Pin</td>
<td><img src="clevis.png" alt="Image" /></td>
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</tbody>
</table>

### SETTING EQUIPMENT

<table>
<thead>
<tr>
<th>Type</th>
<th>Image</th>
</tr>
</thead>
<tbody>
<tr>
<td>Handsets</td>
<td><img src="handsets.png" alt="Image" /></td>
</tr>
<tr>
<td>Air Hammers</td>
<td><img src="air-hammers.png" alt="Image" /></td>
</tr>
<tr>
<td>Bench Mounted Machines</td>
<td><img src="bench.png" alt="Image" /></td>
</tr>
<tr>
<td>Pedestal Machines</td>
<td><img src="pedestal.png" alt="Image" /></td>
</tr>
</tbody>
</table>