

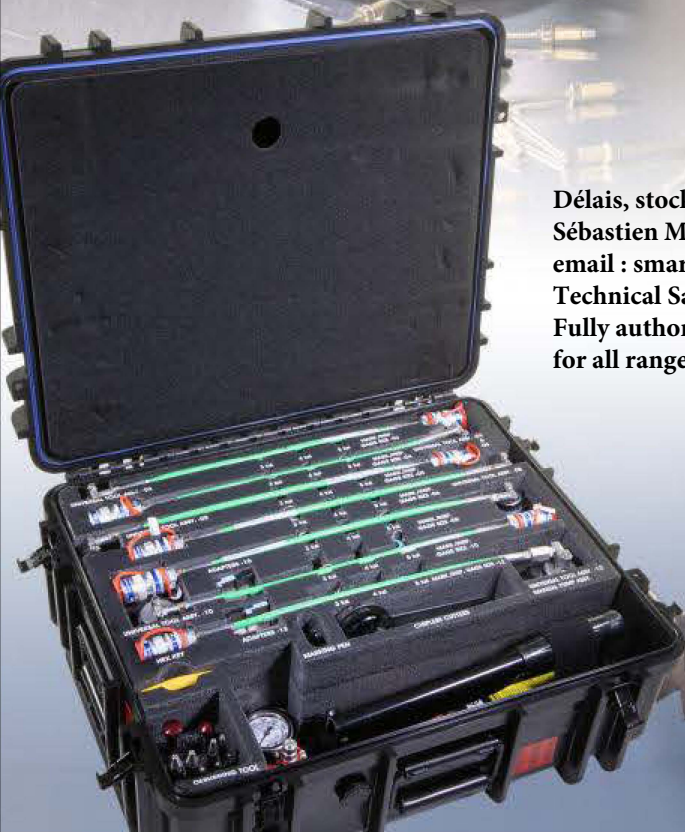


ORKAL

Tooling and Repair



Délais, stock, devis... (France Belgique)
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Technical Sales Engineer France ORKAL Industries LLC
Fully authorized & preferred tooling repair station
for all range of DLT/DAT/DET





At Orkal, we are dedicated to providing our customers and manufacturers with unique supply chain solutions since 1976. Our solutions are custom-tailored to meet the specific requirements of each program we serve. Over the past 30 years, we have developed cost-reducing and quality-enhancing solutions that have earned us a strong position in the supply chain industry.

Expertise and Support

Our combined management team consists of seasoned experts in logistics, procurement, sales, technical support, and quality assurance, ensuring that we provide the perfect mix of expertise to support our customers and manufacturers. We understand not only how the products function but also how they should be procured, inspected, delivered, and supported. This ensures that our customers receive the right product for the right application, on time, every time.

Authorized Distributor and Repair Center

To fully support our customers, Orkal is a fully authorized distributor and repair center for Permaswage and Cherry installation tools. Our team of certified technicians and dedicated sales department are committed to providing comprehensive support to our customers. We offer inspection and repair services, inventory support, training, and field and technical support. With unmatched technical experience and knowledge, our Orkal Tooling team has over 100 years of combined experience in supporting Permaswage and Cherry tools and products.

Take Action

Experience the benefits of Orkal's unique supply chain solutions for yourself. Contact us today to learn more about how we can customize our services to meet your specific requirements.



CHERRY[®]
AEROSPACE

PERMASWAGE

A PCC COMPANY

ISO 9001:2015 • AS9100D
CERTIFIED COMPANY



ISO 9001:2015 • AS9120B
CERTIFIED COMPANY





CHERRY®
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Fully authorized & preferred tooling repair station for PCC Cherry Aerospace

For over 60 years, Cherry Aerospace has been a trusted supplier of fastening systems and installation tooling products to aircraft manufacturers and repair facilities worldwide. As a partner with Cherry Aerospace, Orkal is proud to be an authorized stocking distributor and repair center for Cherry's Installation Tooling product lines. Orkal stocks all of Cherry's most popular rivet guns, pulling heads, and accessories, enabling us to offer quick delivery times for our customers. With our team of certified tool technicians, we are also able to provide full service and support for all Cherry Installation Tools, ensuring the reliability and longevity of these tools.

Cherry's installation tools have an all-metallic construction using high-strength materials. They are designed to operate in even the harshest environments, ensuring optimum compatibility and consistent installation performance. With a focus on long life, optimum productivity, and ease of use with minimal care, Cherry's installation tools are



offered in a wide variety of hand, pneumatic, and pneumatic/hydraulic versions. The replaceable nose pieces of Cherry's pulling heads make them versatile, allowing the use of the same tool to install many types and sizes of fasteners, while also extending the capabilities of these pulling heads to allow for access to hard-to-reach applications. The type and configuration of the fastener being installed dictates the type of tooling and pulling head that needs to be used. With our experienced Tooling Program Managers, Orkal is uniquely positioned to help you select the right tool configuration for your application.

Contact us at toolsales@orkal.com, or for tool repairs at toolrepairs@orkal.com. Visit our website at Orkal.com to learn more about our full product offering.



The Cherry® G747 is a highly efficient pneumatic-hydraulic tool that has been specifically designed for a variety of rivets, including CherryMAX® rivets and nut-plate rivets. With its durable all-metal housing, this tool is suited for use in rugged shop environments. The tool is also highly ergonomic, with a lightweight design and a comfortable grip that allows for easy one-handed operation in any position. This versatile tool utilizes straight, offset, and right-angle pulling heads, which can install -4, -5, and -6 diameter CherryMAX® bulb type rivets in all head styles, materials, and grip lengths. Extensions are available for the pulling heads to facilitate the installation of rivets in limited access areas.



The Cherry® G746A riveter is a compact yet powerful tool that has been specifically designed for the efficient and reliable installation of a range of blind fasteners, including CherryMAX AB, CherryLOCK A wiredraw, MBC, and nutplate blind rivets. With its advanced technology and high-quality construction, this tool offers exceptional productivity and reliable performance. Its compact design makes it easy to handle and maneuver in tight spaces, while its powerful performance ensures that even the toughest riveting jobs can be completed quickly and efficiently.



The Cherry® G704B riveter is a compact yet powerful tool that has been specifically designed to facilitate the reliable installation of a wide range of blind fasteners. With its advanced technology and high-quality construction, this tool offers exceptional productivity and reliable performance, ensuring that users can complete their riveting tasks with confidence and precision. Despite its compact size, the Cherry G704B riveter packs a powerful punch, making it well-suited for heavy-duty riveting tasks making it a versatile choice for a variety of applications. With its rugged construction and user-friendly design, the Cherry G704B riveter is an excellent choice for anyone seeking a powerful, reliable, and easy-to-use riveting tool.

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The Cherry® G784 hydro-shift riveter is purpose-built for efficient installation of standard (double action) CherryLOCK® Rivets. Capable of installing almost all diameters of CherryLOCK® Rivets with grip up to half an inch in the "A" group, this riveter boasts multiple ergonomic features, including low weight, recoil, and noise, as well as a comfortable grip. With the use of appropriate adapters and pulling heads, the tool can also be employed to install other types of rivets.



The Cherry **G83A** is a pneumatic-hydraulic tool designed for fast and reliable installation of popular sizes of lockbolts. This tool is remarkably powerful, yet lightweight at only 4.95 pounds (2.25 kg.), with minimal recoil and noise levels. Its ergonomic design ensures a comfortable grip for operators and allows for one-handed operation in any position. For even more clearance, the rubber pin deflector can be bent sideways to gain an additional 1-1/2" of space.



The Cherry® **G84** is a pneumatic-hydraulic Lockbolt™ installation tool specifically designed for the efficient and reliable installation of the most used sizes of Lockbolts™. It is a powerful tool that has been engineered with ergonomic features, including light weight, low recoil and noise, and a comfortable grip for the operator. The piston returns with a force of 1200 Lbs., which is necessary when using it for Lockbolt™ swaging.

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The Cherry **G87D** is a production tool that uses pneumatic-hydraulic technology to install lockbolts efficiently and reliably. It has been designed to be powerful yet ergonomic, weighing 10-3/4 lbs (4.875 kg) and fitting comfortably in the operator's hand. By bending the rubber pin deflector sideways, additional clearance of 1-1/2" can be obtained. In addition to lockbolts, this versatile tool can also be used to install blind bolts and other types of fasteners by simply using the appropriate pulling heads.



The Cherry® **G800** is a hand-powered riveter that is lightweight and ergonomic, making it ideal for use in tough repair facilities and field repairs.

With an exceptional power multiplication capability, it can generate over 5000 lbs. of pulling force. The tool combines the safe and smooth operation of well-known pneumatic hydraulic riveters with the latest research in automatic systems. The G800 features a high-strength steel CherryMax® mounting system that is compatible with various popular pulling heads and can install a wide range of blind fasteners with different diameters, head configurations, and material combinations.



The Orkal Difference

Orkal's dedication goes beyond that of a typical tooling distributor, as we are driven to provide unparalleled technical support and services for the products within our portfolio. Our team comprises extensively trained and certified tool repair technicians for both Cherry and Permaswage tools, ensuring their optimal functionality.

With Orkal, you gain access to the expertise of our seasoned Tooling Program Managers who are well-equipped to offer a spectrum of services, including preventative maintenance programs, product training, on-site technical assistance, custom-tailored customer stocking solutions, and a range of other technical services. We are committed to being your comprehensive partner, facilitating the highest level of support and value for your operations.



PERMASWAGE

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Fully authorized & preferred tooling repair station for Permaswage



Permaswage is the leading manufacturer of aerospace fluid fittings systems. They specialize in the design and production of high-performance permanent fittings, components, and Installation Tools. The hallmark of Permaswage's product line is its swaging technology, a method used to create strong, leak-free, and durable connections between pipes, tubes, and hoses. Permaswage fittings are known for their high strength, corrosion resistance, and versatility. They are designed to be easy to install and maintain, reducing the time and effort required for maintenance and repair.

Permaswage Installation Tools are a vital component of the Permaswage fluid fitting system, designed to facilitate the precise and efficient installation of Permaswage fittings and connections in aerospace and Industrial applications. Permaswage Installation Tools are essential for safety and efficiency in the aerospace industry. They enable accurate installation of fittings, reduce the risk of human error and prevent potential leaks, which can lead to loss of vital fluids or systems failure. These tools are also designed to help save time and reduce the complexity of installation, minimizing downtime and maintenance costs.

Since 2019, Orkal has proudly served as the premier stocking distributor and authorized repair center for Permaswage Tools. Recognizing the pivotal role that Permaswage Installation Tools play in both manufacturing and repair processes, Orkal offers an array of services to ensure your tools remain ready when the need arises. These services encompass preventative maintenance and inspections, comprehensive repairs, training, and stocking programs.

To explore how we can help support your business, please contact us at toolsales@orkal.com, or for tool repairs at toolrepairs@orkal.com. Visit our website at Orkal.com to learn more about our full product offering.



Permaswage presents a diverse array of installation tool kits, catering to the installation requirements of Radial (DLT), Axial (DAT), and miniature end (DET) fittings. These kits are available in multiple configurations, meticulously designed to align with the specific demands of the industry. Orkal stands ready to provide valuable guidance in discerning the optimal kit to address your needs.



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Permaswage proudly presents a trio of distinct pump solutions, each tailored to cater to the diverse requirements of manufacturing and repair needs. Offerings include Pneumatic Air-Source, Manual, and Battery-Operated Pump and Pump Kits. What's more, all of these pumps are thoughtfully configured to seamlessly integrate with every Permaswage installation tool, ensuring compatibility and versatility for your specific needs.



Orkal's commitment is to meet the needs of our valued customers with Permaswage and Cherry Installation tools. Orkal is proactively stocking an extensive inventory of more than 700 plus Permaswage and Cherry tools and tooling components essential for operational support, maintenance, and repair. This inventory management allows us to provide industry-leading lead times and delivery services. Additionally, Orkal extends its support by offering customer-tailored inventory solutions and stocking programs, ensuring that we consistently have the products you require readily available.





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