



EVolution: Fastening Solutions for the Future of Electric Vehicles

For unparalleled quality, expertise, and support in fastening technologies, partner with DB Roberts, the leading distributor for your manufacturing and assembly needs.



DB Roberts

Your Specialty Fastener Distributor



High Performance Solutions for EV Manufacturing

As the manufacturing landscape adapts to emerging markets, DB Roberts is at the forefront and remains committed to delivering cutting-edge solutions tailored to your needs. The DB Roberts product team, located coast to coast, specializes in EV applications and is dedicated to sourcing and quoting the best product options for you.

From battery unit solutions to access hardware for charging units, our solid partnerships with top-tier suppliers, combined with an extensive inventory across North America, empower us to provide comprehensive solutions for fasteners, hardware, and components used in electric vehicle and EV infrastructure applications.

In addition to our extensive product offerings, we provide value-added services such as inventory management, custom kitting, and supply chain optimization, ensuring seamless integration of our products into your process.

Your Trusted Source for Top Quality Fasteners and Hardware

1

World Class Suppliers

Our partnerships with premier suppliers empower us to deliver top quality, trusted, and consistent products from a comprehensive line card that includes fasteners, hardware, engineered components, shielding, and more.

2

Expertise in Emerging Industries

Our Sales, Product, and Service professionals located across North America bring unmatched insight and proficiency in estimating and procuring, positioning your business at the leading edge of market developments.

3

Innovative and Dependable Solutions

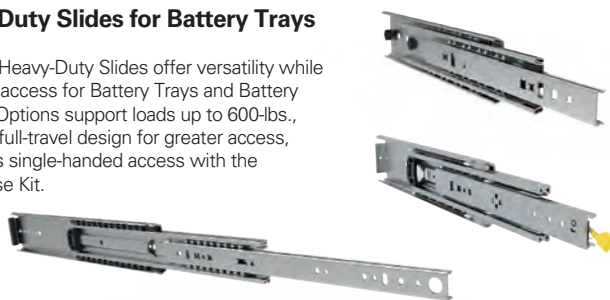
DB Roberts partners with industry-leading suppliers who are dedicated to continuous innovation, delivering standard and custom solutions that solve the challenges of tomorrow's emerging markets.

Electric Vehicles



Heavy-Duty Slides for Battery Trays

Accuride Heavy-Duty Slides offer versatility while providing access for Battery Trays and Battery Storage. Options support loads up to 600-lbs., feature a full-travel design for greater access, and offers single-handed access with the EZ-Release Kit.



Heavy Duty Studs

Used in steel or aluminum sheets as thin as 0.8mm, featuring an enlarged head diameter that projects above the sheet material to provide maximum pull-through. installation.



Blind Rivet Nuts

Blind threaded inserts, including rivet nuts and blind threaded rivets, offer a reliable and reusable solution for creating permanent threads in sheet materials with limited accessibility for hardware installation.



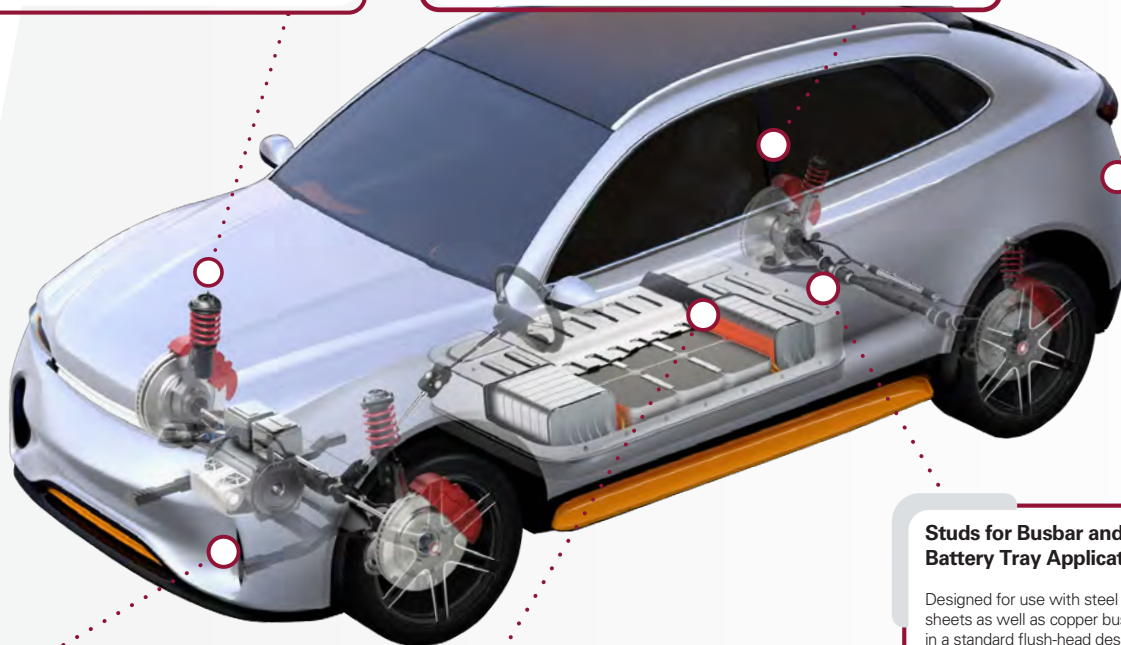
Flathead Threaded Inserts

Designed for high load applications and available in rib, key, or full hex features, making it ideal for high torque applications.



Self-Clinching Studs

Self-clinching studs are easily installed and offer a reliable and reusable solution for creating permanent threads in sheet materials with limited accessibility for hardware installation.



Press-in Threaded Inserts (Hexagonal)

Strong and reusable threads without requiring heat or ultrasonics. Their "barbed" configuration ensures high torque out and pullout values, and ideal for a variety of applications. Aluminum and stainless-steel inserts are an eco-friendly, lead-free alternative.



Heavy Duty Studs for Thin Sheets

Designed for high-strength use in thin sheets of steel or aluminum (as thin as 0.8mm), featuring an enlarged head diameter that reduces stress on the panel and allows for larger holes in attached panels.



Heat Staking Inserts

Symmetrical and thru threaded; designed for use in straight or tapered holes. It is ideal for lightweight designs, and aluminum and stainless-steel inserts provide a lead-free alternative.



Molded-in Threaded Inserts

Features a blind end that protects the threads from plastic intrusion and are ideal for lightweight designs. Aluminum and stainless-steel inserts provide a lead-free alternative.



Studs for Busbar and Battery Tray Applications

Designed for use with steel and aluminum sheets as well as copper busbars. They come in a standard flush-head design that is suitable for installation in sheets as thin as 1mm.

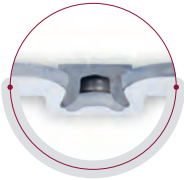


Self-Clinching Nuts

Creates sturdy load-bearing threads in thin sheets of steel, aluminum, and copper busbars as thin as 0.64mm. They are designed to prevent rotation after installation, ensuring reliability and stability.

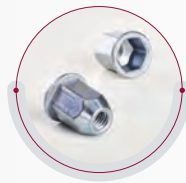


EV Battery Units



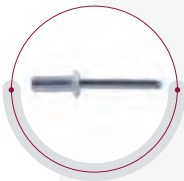
Self-Piercing Rivets

Complete battery pack assembly solution with no-hole technology, which offers water-tight protection.



Rivet Nuts

An automated installation solution suitable for serviceable applications. It offers enhanced protection against vibration and high temperatures.



Closed-End Sealing Rivets

Provides a highly secure gastight seal and can be installed automatically through blind fastening.



eConnect Pin

The PEM eConnect Pin is the world's first current carrying fastening technology, offering superior electrical connections in the most challenging electrical applications. Available in standard, clinch, broach, and SMT options.

With 13 distribution centers across North America, DB Roberts stocks a wide breadth of high quality fastener and hardware solutions near you.



STANLEY
Engineered Fastening

southco

ATLAS

Accuride
Always Moving Forward

EV Charging Infrastructure



Concealed push-to-close latch keeps panels closed.



Surface mount lift off hinges support easy movement.



Mechanical outdoor compression latches for panel compression and security.



Multipoint Latching Rods prevent pry points.



Multipoint Swing Handle option with electronic upgrade capability.



Concealed Electronic rotary latches for added security in small spaces.

Charging Station Fasteners

- Blind Threaded Standoffs
- Self-Clinching Standoffs
- Flush Head Studs
- Heavy Duty Studs
- Clinch Nuts
- Pilot Pins
- Keyhole Sheet Joining Fasteners

Powering Emerging Markets

For over 40 years, DB Roberts has been the trusted provider of fasteners and hardware for manufacturers and fabricators in nearly every industry. With a strong foundation in over 30 vertical markets, we are ready to support the emerging industries of tomorrow.

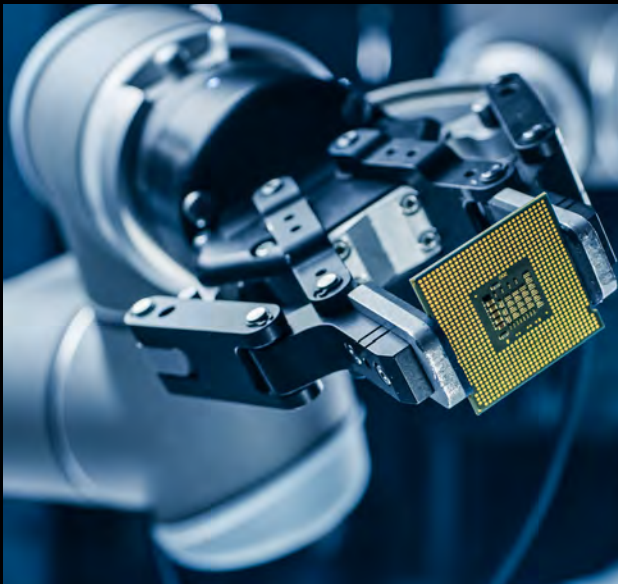
Alternative Energy



HVAC



Robotics



Self-Service Kiosks



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