

# Junction Blocks & Studs

Count on Chief Enterprises for customized junction blocks, studs, boots, and more.

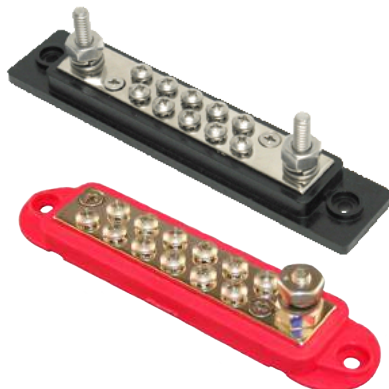
We can deliver kits or pre-assembled components ready for you to install.

## Junction Blocks

Also referred to as terminal blocks or strips, junction blocks are electrical wiring solutions that provide a convenient way to connect individual wires while conserving space and preventing shorts. Depending on your specific application, we offer a wide variety of junction blocks in stud and screw type.

### Low Amp Terminal Busbar

With a maximum continuous amperage of 15A at 12VDC per connection, these terminal busbars are available in 10 or 12 point #8-32 stainless steel screw configurations. Options include black or red glass-filled nylon bases, #10 mounting screws, terminal covers, and insulator boots. The use of the protective terminal cover allows for the assembly to comply with USCG, ISO, and ABYC standard requirements.



### High Amp Busbar

Complimenting our low amp busbar offerings, Chief also designed and manufactures a high amperage option up to 700A at 12VDC. With the capability to handle such high amperages these terminal busbars are ideal for heavy duty applications and are compliant with all industry safety requirements when coupled with optional protective covers. Available in red or black.



### Tab Type Terminal Busbar

For use of 'push-on' type quick disconnect terminals, this terminal busbar allows for increased production speed. Available in up to 30 stainless steel connection points, 20A per connection at 12VDC. Options include red or black glass-filled nylon bases, covers, and insulators.



## Studs

With the ability to facilitate power through a barrier, distribute power to several devices, or feed a connection outside of a device, these studs are designed for a wide range of applications from low to high performing electrical systems. Available in pass thru & surface mount types and compliant with industry standards.

### Single Point Stud

Surface mount type single junction studs applicable to heavy duty power connection for DC circuits up to 160A at 12VDC, maximum voltage of 48VDC. Options include red or black base colors.



### Heavy Duty Single Point Stud

Connect, extend, or split power lines in harsh environments including marine applications where exposure to saltwater corrosion is common. Features two point mounting, 1/2", M10, or M12 stainless steel stud options, and includes hardware. Maximum current of 250A at 12VDC.



### 8 Point Junction Stud

Features eight stainless steel #8-32 connection screws and one stainless steel connection post with a maximum amperage of 160A at 12VDC. Options include terminal insulator, insulator boot, and multiple stud heights.



### Low Current Pass Thru Studs

Feed thru style studs for connection through barriers, up to 250A mounting torque 48in-lbs. Available in thread-style stud sizes #10, #1/4, #5/16, & #3/8 and with black or red base colors.



Let Chief Enterprises do more for your business.

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## Studs

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### High Current Pass Thru Studs

Chief has developed our own high current pass thru stud. With a higher electrical rating with lower resistance, these feed thru style studs are designed for heavy duty (commercial & military) applications up to 1,000A. Available in red or black bodies and 3/8" or 1/2" thread-stud sizes.



### Jump Start Studs

Jump start devices designed for remote battery access (inside or outside of vehicle), featuring high energy transfer up to 350A at 12VDC. Assembly includes locknut, retaining nut, and insulator boot.



## Boots

Insulator boots utilized to prevent accidental short circuits and allowing power products to comply with industry standards. We offer several series of terminal insulators to meet your specific need; available in multiple colors, materials, and sizes.

### Lug & Terminal Boots

Cost effective way to protect power products and comply with industry standards. Available for terminal sizes ranging from 12mm-34mm, up to 2.63" terminal length, 4/0 awg cable entry.



### Battery Terminal Insulators

Protection for battery connections for safe and compliant operation. Options include multiple cable entries, up to 1.2" diameter cable entry, and up to 1.6" post height.



### Adapter Terminal Insulators

Designed for protection of terminals that can detach from cables. Applicable to protection of offset battery terminals, multiple cable assemblies, and applications that require weatherproof protection.



Our complete offering of junction blocks and studs feature power distribution solutions that are tested for the harshest environments and ideal for applications with limited real estate. Moreover, we ensure the highest quality components that comply with all applicable industry standards. In addition, we can provide value-added services including custom kits, engineered solutions & warehousing.

### L-Post Insulators

Applicable to the protection of L-Post or Flag type battery terminals from accidental shorts and adverse weather conditions. This series features various sizes, materials, colors, and entry types.



### Speciality Terminal Insulators

For less common applications, we offer a variety of custom boots for power connectors, unusual battery types, circuit breakers, cable entry points, among others. These speciality boots can be used in assemblies or as one-off specific industry need.



»Need a custom part? Chief has the ability to design and produce custom parts to meet your specific need. For more details about our Engineered Solutions contact us at 800.831.7294 or sales@chiefent.com

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