

Supply chain delays derailing your profitability?

McDonald Steel's Railroad Products Division will have your operations back on track and running in the black in no time.



What do you do when your rail line and maintenance of way workers are located in the U.S. but the joint bars you need to keep trains moving are floating on a container ship or stuck on a dock?

Contact McDonald Steel.

Our **100% American made** four-hole 24" and six-hole 36" standard joint bars are always in stock and ready for quick **"just-in-time"** delivery by truck or rail.

We are also capable of designing, engineering, producing, and shipping fully customized bars, hole shapes, and hole patterns with turnaround times that simply can't be matched by foreign suppliers.

McDonald
STEEL CORPORATION
Railroad Products Division

*On track for superior performance, value,
quality, and customer service*

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Our **100% Made in the USA** standard joint bars deliver the quality, durability, and value North American railroads demand at extremely competitive price points.

- ☛ Bars meet or exceed American Railway Engineering and Maintenance-of-Way Association (AREMA) standards
- ☛ Our standard joint bars meet the Bipartisan Infrastructure Investment and Recovery Act's "Buy American" requirements
- ☛ Four-hole 24" and six-hole 36" standard bars in stock and ready for "just-in-time" delivery by truck or rail
- ☛ Fully customized bars, hole shapes, and hole patterns available
- ☛ High quality micro alloy steel is hot rolled and CNC machine milled at our McDonald, Ohio facility to resist cracks, stress, and defects that cause joint failure and rail separation

**Contact us today to request a quote,
place an order, or learn more
about McDonald Steel's full line
of railroad products.**

☎ 800-253-0319 🌐 mcdonaldsteel.com
✉ mscshapes@mcdonaldsteel.com

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STEEL CORPORATION
Railroad Products Division

Our Standard joint bars are on track to deliver

Unsurpassed Performance



Our high strength micro-alloy steel bars are less brittle, more durable, and according to testing performed by the Transportation Technology Center, Inc. are far less susceptible to the types of residual stress that can cause joints or rails to fail.

Utilizing high-tech CNC milling virtually eliminates the stress fracture heat defect associated with hot punching holes in steel which, according to an FRA Class 1 track survey was responsible for the majority of bolt hole cracking and other defects that can cause rails to separate. Our process keeps trains rolling by reducing the need for time-consuming, costly repairs.

100% Made in the USA Standard Joint Bars are on track to deliver...

AREMA

Certified World Class Quality

We build world class quality into every standard joint bar we hot roll and mill. In addition to meeting and exceeding AREMA's exacting specifications, the widely respected Association recently designated the CNC milling process we utilize as the preferred method for fabricating bars. You can count on McDonald Steel to stay well ahead of the quality curve.

Unmatched Customer Service



McDonald Steel's access to a reliable supply of made in the USA micro alloy steel combined with our extensive engineering, design, and production expertise, a highly skilled and motivated workforce, ample inventory capacity, logistical skill, and attention to detail enables us to provide the best customer service experience in the industry. If you want your order delivered on time, on spec, and on budget every time contact us today.

American Made Reliability & Value



Our 100% made in the USA AREMA certified standard joint bars meet the strict "Buy America" requirements of the Bipartisan Infrastructure Investment and Jobs Act. That means our customers will be able to access billions of dollars in federal funding for maintenance of way repair and construction. Just one more reason why railroads should choose McDonald Steel.

McDonald

STEEL CORPORATION

In addition to standard joint bars, we produce an extensive line of high quality, made in the USA products for the railway industry...

- 🚂 Insulated Joint Bars
- 🚂 115# and 132# rails
- 🚂 Brake Beams
- 🚂 Brake Shoes