

2024

Yangtze Railroad Materials Featured Products

Innovations in Railway
Infrastructure

YRF2024



About Yangtze

Since its establishment in 1989, Yangtze Railroad Materials has specialized in providing high-quality fasteners and fastening solutions, becoming an innovative and vertically integrated company that aligns closely with our customers' needs. We are committed to manufacturing excellence, reflected in our ability to cater to large-scale orders tailored to customer specifications immediately upon receipt of purchase orders. Our product range is extensive, encompassing standard and custom-made fasteners made from ferrous, nonferrous, and special alloys. We manage over 100,000 sq. ft. of warehouse inventory, including standard fasteners, castings, and customer-specific parts, ensuring we can quickly meet the diverse needs of our clients. If you require top-quality railroad parts and finished products, look no further than Yangtze Railroad Materials. From robust fasteners to materials for joint bars, our products guarantee satisfaction.

Our Certifications:

- ISO 9001:2015

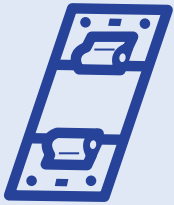
- AAR M-1003 Certificate

At Yangtze Railroad Materials, we are dedicated to delivering only the best, backed by significant certifications and a strong history of industry leadership. Explore our offerings and let us meet your railroad material needs with our high-quality products.

Welcome to the latest Yangtze Rail Products catalog, featuring our premier innovations for enhanced railway infrastructure. At Yangtze, we are dedicated to delivering top quality products that enhance durability, safety, and efficiency across global railroad systems. This catalog highlights our top products, including High Relief Joint Bars, Hot Forged Tie Plates with Shoulder, Compromise Joint Bars, and Curve Block Tie Plates, each manufactured to the highest standards of quality and performance. As industry leaders in railroad fasteners, our products benefit from thorough research, patented technologies, and a commitment to sustainability and excellence. Explore how our offerings can revolutionize your railroad systems.

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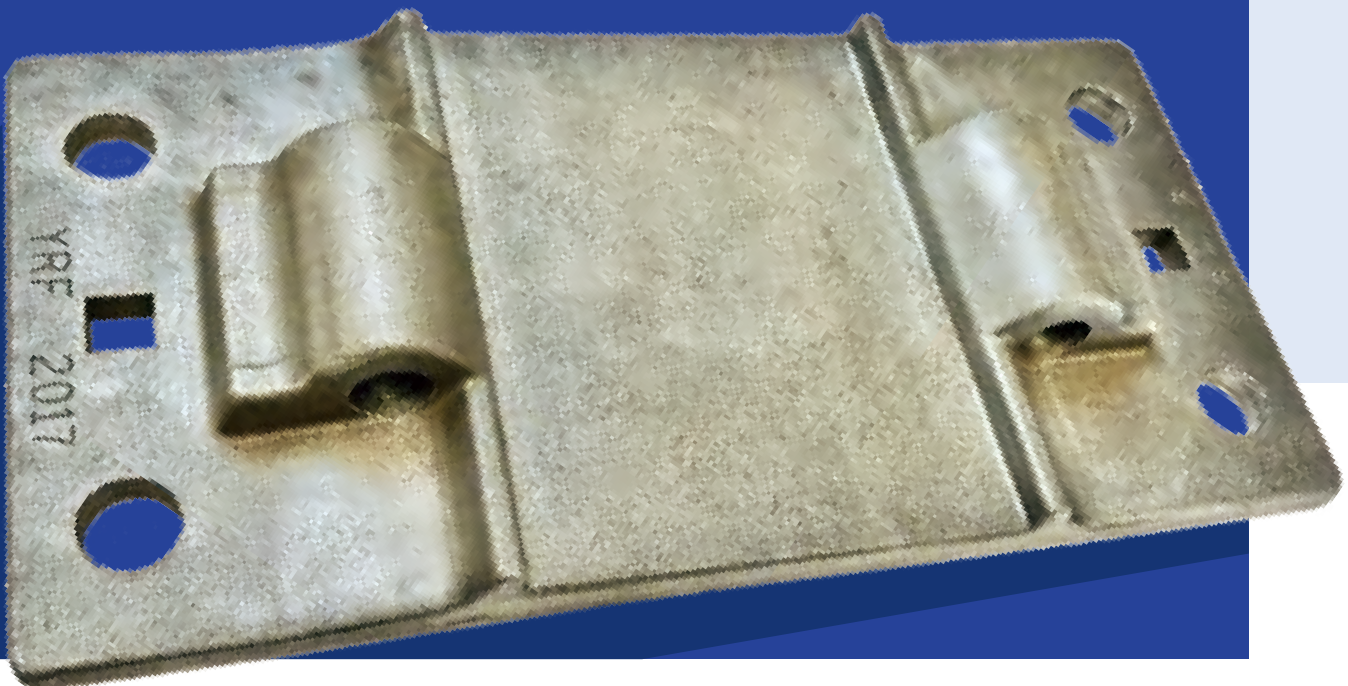
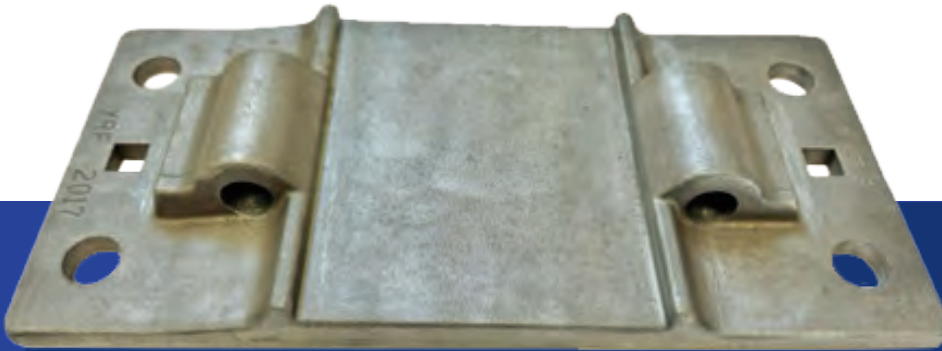


Yangtze's hot forged tie plate

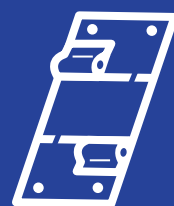
Yangtze's hot forged tie plate products are patented in US (Patent No.: US 10697129B2) and Canada (Patent No.: CA 2943129) . Made from alloy steel, the tie plates offer exceptional strength, durability, and resistance to wear, extending the lifespan of the track.

Hot Forged Tie Plate

with Shoulder in Middle



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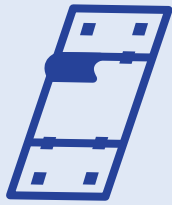


**Yangtze's
hot forged
tie plate**



Hot Forged Tie Plate

with Shoulder on Side

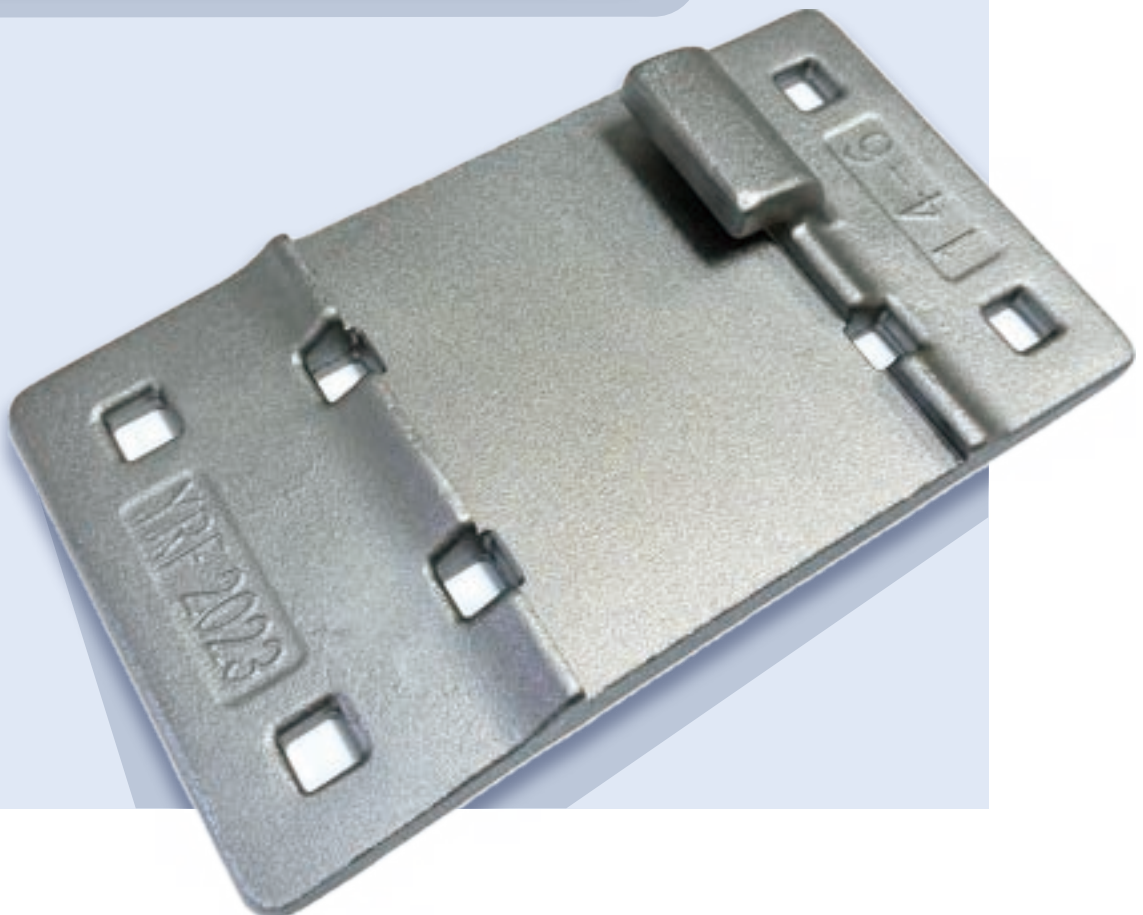


Yangtze's Curve Block Tie Plate

Yangtze's Newest Design: the Curve Block Tie Plate , patented in US (Patent No.: US D1009698S), Canada, Mexico, and China (Patent Case No.: I230069CN), is engineered to protect Rail Curve Section and effectively prevent derailment from rail roll-over by the clamp design on the plate. Manufactured from alloy steel by hot forging, the product passed 10 million cycles of fatigue tests without failure, showing outstanding strength and durability.

Curve Block Tie Plate

for 6" Rail Base





Yangtze's High Relief Joint Bars

Yangtze's High Relief Joint Bars with High Crack Resistant Material are manufactured through hot forging and CNC milling. These joint bars are designed for rails with head wear ranging from **1/8" to 9/16"**. Made from special alloy steel, the joint bars exhibit better mechanical properties than current AREMA and ASTM A49 standard and withstand extreme climate conditions. .

High Relief I32-I36-I41RE Joint Bars

with High Crack Resistance Material



- **1/8" or 2/16" Worn-out**

High Relief I32-I36-I41RE Joint Bars

with High Crack Resistance Material



- **3/16" Worn-out**

High Relief I32-I36-I41RE Joint Bars

with High Crack Resistance Material



- 1/4" or 4/16" Worn-out

High Relief I32-I36-I41RE Joint Bars

with High Crack Resistance Material



- 5/16" Worn-out

High Relief I32-I36-I41RE Joint Bars

with High Crack Resistance Material



- 3/8" or 6/16" Worn-out

High Relief I32-I36-I41RE Joint Bars

with High Crack Resistance Material



- 7/16" Worn-out

High Relief I32-I36-I41RE Joint Bars

with High Crack Resistance Material



- 1/2" or 8/16" Worn-out

High Relief I32-I36-I41RE Joint Bars

with High Crack Resistance Material



- 9/16" Worn-out



**Yangtze offers
a diverse range
of hot forged**

Yangtze offers a diverse range of hot forged, alloy steel comp bars with CNC milled holes. Listed below are a few examples of the comp bars we are supplying, please contact us to request for a full list:

I36RE-I00RE Comp Bars.



I05DY-90RB Comp Bars.

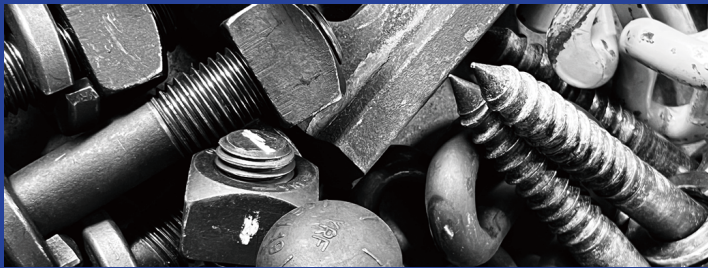


I36RE-I15RE Comp Bars.



I00RA-85ASCE Comp Bars.





Interested in discovering more about the featured products or other items offered by Yangtze?

Contact us for more information!

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