



# Shandong Baokun Metal Material Co. Ltd. Unveils Precision Chrome Plated Hydraulic Piston Rod, Setting New Standards for Industrial Excellence

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[Hydraulic piston rod suppliers](#) - Wednesday, April 9, 2025.  
Submitted by [Ms. Sun](#).

**SHANDONG BAOKUN METAL MATERIAL CO. LTD.**  
Unveils Precision Chrome Plated Hydraulic Piston Rod, Setting New Standards for Industrial Excellence

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Shandong Baokun Metal Material Co. Ltd., a leading supplier of high-performance metal components, is thrilled to announce the launch of its latest product: the Precision Chrome Plated **Hydraulic Piston Rod**. Designed to meet the rigorous demands of a variety of industrial applications, this **hydraulic piston rod** offers unmatched durability, superior wear resistance, and precision engineering that elevates the standards of hydraulic systems worldwide.

Manufactured using top-grade medium-carbon steel (1045/1050 grade), this **hydraulic piston rod** goes through a rigorous production process, including precise machining and induction hardening. The result is a highly durable component with a surface hardness of up to 800HV, offering resistance to bending, cracking, and abrasion in the harshest working environments.

## The Evolution of Hydraulic Solutions: A Game-Changer in Industrial Durability

Industrial hydraulic systems demand reliability, performance, and precision. **Shandong Baokun Metal Material Co. Ltd.** recognized these needs and embarked on creating a solution that not only meets but exceeds expectations. The Precision Chrome Plated **Hydraulic Piston Rod** is a game-changer, designed to solve critical challenges faced by industries relying on hydraulic systems, such as wear and tear, corrosion, and performance degradation over time.

With its exceptional strength, superior wear resistance, and precision finish, this piston rod transforms hydraulic systems, making them more reliable and efficient. It is available in diameters ranging from 6mm to 300mm and lengths ranging from 1m to 9m, ensuring a perfect fit for any industrial requirement.

## Key Features That Set Shandong Baokun's Hydraulic Piston Rod Apart

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The Precision Chrome Plated **Hydraulic Piston Rod** is built to withstand the toughest conditions and provide long-lasting performance. The following are the salient characteristics that distinguish this product:

- **Made from Premium Medium-Carbon Steel** – The piston rod is crafted from 1045/1050 grade medium-carbon steel, which ensures exceptional strength and durability for heavy-duty applications.
- **Hard Chrome Plating for Superior Wear Resistance** – The surface hardness of the chrome plating reaches a minimum of 800HV, making it highly resistant to wear and prolonging its lifespan.
- **Precision Machining for Perfect Fit** – The piston rod undergoes high-precision centerless grinding to achieve a smooth, uniform surface finish that ensures seamless operation in hydraulic systems.
- **Chrome Plating Thickness of 20-30 Microns** – The thick chrome coating provides excellent corrosion resistance, even in aggressive environments.
- **A Vast Variety of Sizes** -This piston rod serves a broad range of industrial applications and comes in diameters ranging from 6mm to 300mm and lengths ranging from 1m to 9m.
- **ISO F7 Tolerance Standards** – Manufactured to ISO F7 tolerance standards, ensuring consistency and precision in every piece.

“This innovative **hydraulic piston rod** is a major leap forward for industries using hydraulic systems,” said Ms Sun, at **Shandong Baokun Metal Material Co. Ltd.** Our goal has always been to provide our clients with state-of-the-art solutions that improve the functionality and durability of their equipment. This product does just that, providing exceptional strength, wear resistance, and reliability.”

## Unmatched Performance Across Multiple Industries

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The Precision Chrome Plated **Hydraulic Piston Rod** is designed to serve a variety of sectors, including:

- **Manufacturing & Heavy Machinery** – For industries requiring high-performance hydraulic systems in manufacturing equipment, construction machinery, and more.
- **Agriculture** – In agricultural machinery where high durability and consistent performance are critical.
- **Automotive** – For automotive applications, ensuring the robustness needed for hydraulic systems in vehicles.
- **Mining & Oil & Gas** – In industries that require components able to withstand extreme conditions and continue operating at peak performance.

This versatile piston rod is ideal for any application where durability, resistance to wear, and precision are paramount.

## A Commitment to Quality and Innovation

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**Shandong Baokun Metal Material Co. Ltd.** has a long-standing reputation for delivering high-quality metal materials to industries worldwide. With a focus on innovation and quality control, the company ensures that every product meets the highest standards of excellence.

“By offering a minimum order quantity of just one ton, we aim to make our products accessible to a wide range of customers, from large manufacturers to smaller specialized businesses,” added Ms Sun. “Our dedication to customer satisfaction and product excellence remains at the core of everything we do.”

## Supporting the Future of Hydraulic Systems

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The launch of the Precision Chrome Plated **Hydraulic Piston Rod** is part of Shandong Baokun's broader commitment to advancing hydraulic systems technology. As industries evolve and demand increasingly efficient solutions, the company continues to invest in product development and innovation.

For more information about the Precision Chrome Plated **Hydraulic Piston Rod** and to explore how it can enhance the efficiency and durability of your hydraulic systems, visit <https://www.sdbksteel.com/product/piston-rod/>

### About Hydraulic piston rod suppliers

**Shandong Baokun Metal Material Co. Ltd.** is a leading manufacturer and supplier of high-performance metal materials. With a strong commitment to quality and customer satisfaction, the company specializes in producing hydraulic components, including precision **piston rods**, that meet the demands of various industries such as manufacturing, agriculture, mining, and automotive. Driven by innovation and precision, Shandong Baokun continues to push the boundaries of industrial solutions, delivering products that set new standards of performance and durability.

Precision, performance, and dependability are essential for industrial hydraulic systems. After identifying these needs, Shandong Baokun Metal Material Co. Ltd. set out to develop a solution that not only satisfies but also surpasses expectations. A game-changer, the Precision Chrome Plated Hydraulic Piston Rod was created to address major issues including corrosion, wear and tear, and gradual performance decline that affect industries that depend on hydraulic systems.

[More about Hydraulic piston rod suppliers](#)

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