



## **Shandong Baokun Launches Induction Hardened Chrome Plated Rods — A New Strength, Durability**

*Today's industries demand more than just reliability — they need power, precision, and endurance in every component.*

**LIAOCHENG, China - May 21, 2025 - [PRLog](#) -- Shandong Baokun Metal Material Co., Ltd.**, a leading manufacturer of precision-engineered metal components, is proud to unveil its latest innovation in the industrial materials sector — the Induction Hardened SAE 1045 Chrome Plated Rod. Designed with strength, durability, and precision at its core, this chrome rod is tailored to meet the evolving needs of industries ranging from hydraulics to construction and manufacturing.

**Get ready to experience a product that's not just built to last — it's built to outperform.**

Stronger. Tougher. Smarter: The **Induction Hardened Chrome Bar** (<https://www.sdbksteel.com/product/sae-1045-induction-hardened-hard-chrome-plated-rod/>) for High-Impact Performance Today's industries demand more than just reliability — they need power, precision, and endurance in every component. That's where Shandong Baokun's Induction Hardened SAE 1045 Chrome Plated Rod stands apart.

### **Key Features of the 1045 Chrome Rod Include:**

- **High Strength & Durability:** Manufactured using premium-grade SAE 1045 steel, known for its high tensile strength and fatigue resistance
- **Induction-Hardened Surface:** Special heat treatment provides a hardened outer layer while maintaining a tough and flexible core, making it ideal for dynamic loading conditions
- **Superior Chrome Plating:** Uniform and thick chrome coating offers exceptional corrosion protection and enhances the rod's aesthetic and performance appeal.
- **Custom Sizes & Lengths:** Offered in a wide range of diameters and lengths to fit unique industrial applications, with tight tolerance control for precision assembly
- **Fast Global Shipping & Wholesale Pricing:** Whether for small-batch needs or large-scale OEM production, flexible ordering and logistics ensure timely delivery worldwide.

### **It solves key industry pain points:**

- **Abrasion & Impact Resistance:** With the induction-hardened outer shell, the rod resists dings, scratches, and damage that reduce part lifespan.
- **Corrosion Defense:** The thick chrome plating stands up to humidity, chemical exposure, and oxidation, even in outdoor or marine environments
- **Custom Fit:** Each rod is machined and polished to customer specifications, ensuring optimal compatibility with hydraulic seals and bearings.
- **Precision at Scale:** Built for OEMs, Distributors, and Global Projects

From local workshops to multinational equipment manufacturers, Baokun's chrome rods have earned their place in mission-critical applications.

**About Shandong Baokun Metal Material Co., Ltd.**

**Shandong Baokun Metal Material Co., Ltd.** (<https://www.sdbksteel.com/>) is a leading Chinese manufacturer and supplier of industrial metal components, specializing in **Induction Hardened Chrome Bar**, induction-hardened shafts, and hydraulic cylinder parts. With a dedication to engineering precision and global delivery, Baokun serves industries such as construction, hydraulics, agriculture, and heavy machinery.

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