

Top Benefits of Using ST52 Honed Cylinder Tubes in Industrial Applications



Excellent Mechanical Strength

- Made from high-quality ST52 steel, these tubes provide excellent tensile strength and durability, allowing them to withstand high-pressure hydraulic operations without deformation.

01

Precision Honed Inner Surface

- The accurately honed bore offers superior dimensional accuracy and a smooth finish, reducing wear on seals and extending the service life of hydraulic cylinders.

02

Enhanced Hydraulic Performance

- A **ST52 Honed Cylinder Tube** minimizes friction between the piston and cylinder wall, resulting in smoother operation, improved efficiency, and lower energy consumption.

03

Outstanding Wear and Corrosion Resistance

- The robust material properties help resist abrasion and corrosion, ensuring dependable performance even in harsh industrial environments.

04

Easy Machining and Fabrication

- The **ST52 Honed Tube** can be easily cut, welded, and machined to meet different hydraulic cylinder specifications, making it suitable for custom manufacturing requirements.

05

Long Service Life

- Its combination of high strength and precision finishing reduces maintenance needs, lowers replacement costs, and improves equipment reliability.

06

Read More

www.sdbksteel.com/product/st52-honed-tube

Industrial hydraulic systems demand components that deliver exceptional strength, precision, and long-term reliability. A **ST52 Honed Cylinder Tube** is one of the most trusted solutions for manufacturing hydraulic cylinders used in construction equipment, mining machinery, agricultural vehicles, and industrial automation. Engineered with a precision-honed inner surface, the **ST52 Honed Tube** ensures smooth piston movement, reduced friction, and outstanding sealing performance, making it an ideal choice for demanding applications.

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Wide Industrial Applications

The **ST52 Honed Cylinder Tube** is widely used in hydraulic cylinders for construction machinery, excavators, loaders, agricultural equipment, injection molding machines, lifting platforms, marine equipment, and various industrial automation systems. Its ability to perform consistently under high pressure makes it a preferred choice across multiple industries.



Seamless Steel Pipe & Tube China Manufacturer & Supplier

Main products:

- Carbon Steel Pipe
- Alloy Steel Pipe
- Precision Steel Pipe
- Honed Tube
- Chrome Rods etc.

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Choose Shandong Baokun Metal Material Co., Ltd

Shandong Baokun Metal Material Co., Ltd supplies premium-quality **ST52 Honed Tube** products manufactured to strict quality standards. Available in various sizes and specifications, these tubes provide excellent dimensional accuracy, superior surface finish, and reliable mechanical performance for hydraulic cylinder production. With consistent quality, competitive pricing, and dependable global supply, the company delivers solutions that help improve equipment efficiency, reduce maintenance costs, and maximize operational performance.

Explore our **ST52 Honed Cylinder Tube**, visit here

<https://tinyurl.com/mvfnezzk> and email us at **info@sdbkmetal.com** or give us a call at **+86 15763576989** today!