

Hard Chrome Plated Piston Rod for Hydraulic Cylinders

Precision-engineered piston rods designed for hydraulic and pneumatic cylinder applications. Featuring a hard chrome plated surface, they provide enhanced wear resistance and corrosion protection.



ADDITIONAL IMAGES



Overview

Precision-Engineered Piston Rods

These hard chrome plated piston rods are manufactured from high-quality 45# steel, designed specifically for demanding industrial applications. Through specialized grinding and electroplating processes, the rods achieve a mirror-like finish that provides exceptional wear and corrosion resistance. They are ideal for use as guide or ejector rods in machinery such as injection molding, die casting, and printing equipment.

Technical Specifications

Surface Hardness

700 HV
Min Hardness

1150 HV
Max Hardness

Hard Chrome Thickness

15 um
Min Thickness

40 um
Max Thickness

Base Material	45# Steel
Surface Roughness (Ra)	0.2-0.4
Straightness	0.05-0.10 m/m
Outer Diameter Tolerance	f7-f8 (customizable)
Standard Length	1-6 meters

Applications

Common Industrial Applications

Hydraulic Cylinders, Pneumatic Cylinders, Printing Machinery, Dyeing Machinery, Die Casting Machines, Injection Molding Machines