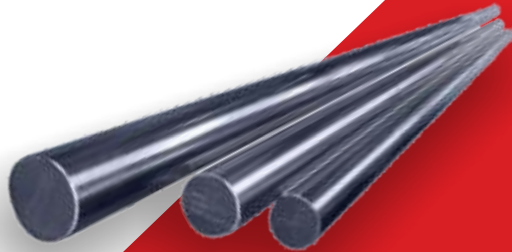




KAMAL™
SHAFT PVT. LTD.



export **solutions** for
critical applications

ISO 9001 : 2015 CERTIFIED COMPANY

www.kamalshaft.in



ABOUT US

Kamal shaft private limited is working under the engineering and fluid power industry experts who are having deep experience in the similar field . Kamal shaft Pvt Ltd, design, manufacture, supply of hydraulic equipment like **READY TO HONED TUBES, HARD CHROME PLATED RODS, INDUCTION HARDEN ROD, LM SHAFT, READY TO HONE TUBE** etc, along with customized Hydraulic systems for almost every industry. The company's service offerings have since greatly expanded, and Its name has come to represent Quality, reliability, and trust. Today, with significant Industry experience the firm has evolved horizontally and vertically to become both a manufacturer as well as distributor.



MISSION

To serve the Indian industry with new techniques in Automation with latest technology to improve the production rate without compromising in quality with the best commercial package.



OBJECTIVE

KSPL'S objectives Is customer satisfaction, underscored by sustained confidence in our products and services. KSPL'S combination of products and services represents a total package. KSPL combine expert, professional advice with the ability to deliver the desired

Index

Hard Chrome Plated Rod

Induction Harden Rod

LM Shaft

Seamless Honed Tube

Ready to Hone Tube



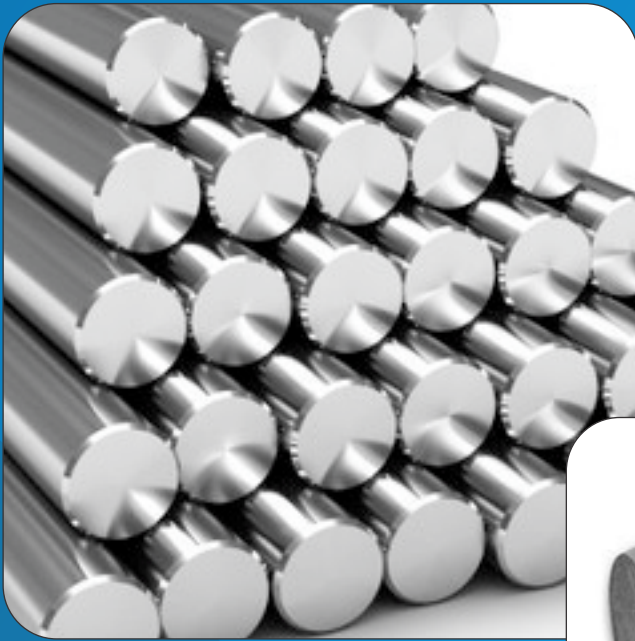
HARD CHROME PLATED ROD

Hard Chrome Plated Shafts (Hard Chrome Plated Bars) are designed to meet your specific needs for piston rod material in Hydraulic and Pneumatic Cylinders and other applications. Most advanced techniques of surface removal, polishing and hard chrome plating are used in manufacturing the above bars.

Material	: EN-8 D/ CK 45 (other material like En.9 / En.19 / En.24 etc. can be used) As per customer requirement
Std size	: 8mm to 150mm Above 150mm can be ordered
Std length	: cut to customer length up to 7000mm
Hard chrome plating thickness	: 25 to 30 micron
Surface Roughness	: better than RA-0.2
Chrome surface hardness	: 850 to 1100 HV
Straightness	: 0.1 per meter max.
Od Tolerance	: f7/f8/g6
Od Tolerance	: f7/f8/g6

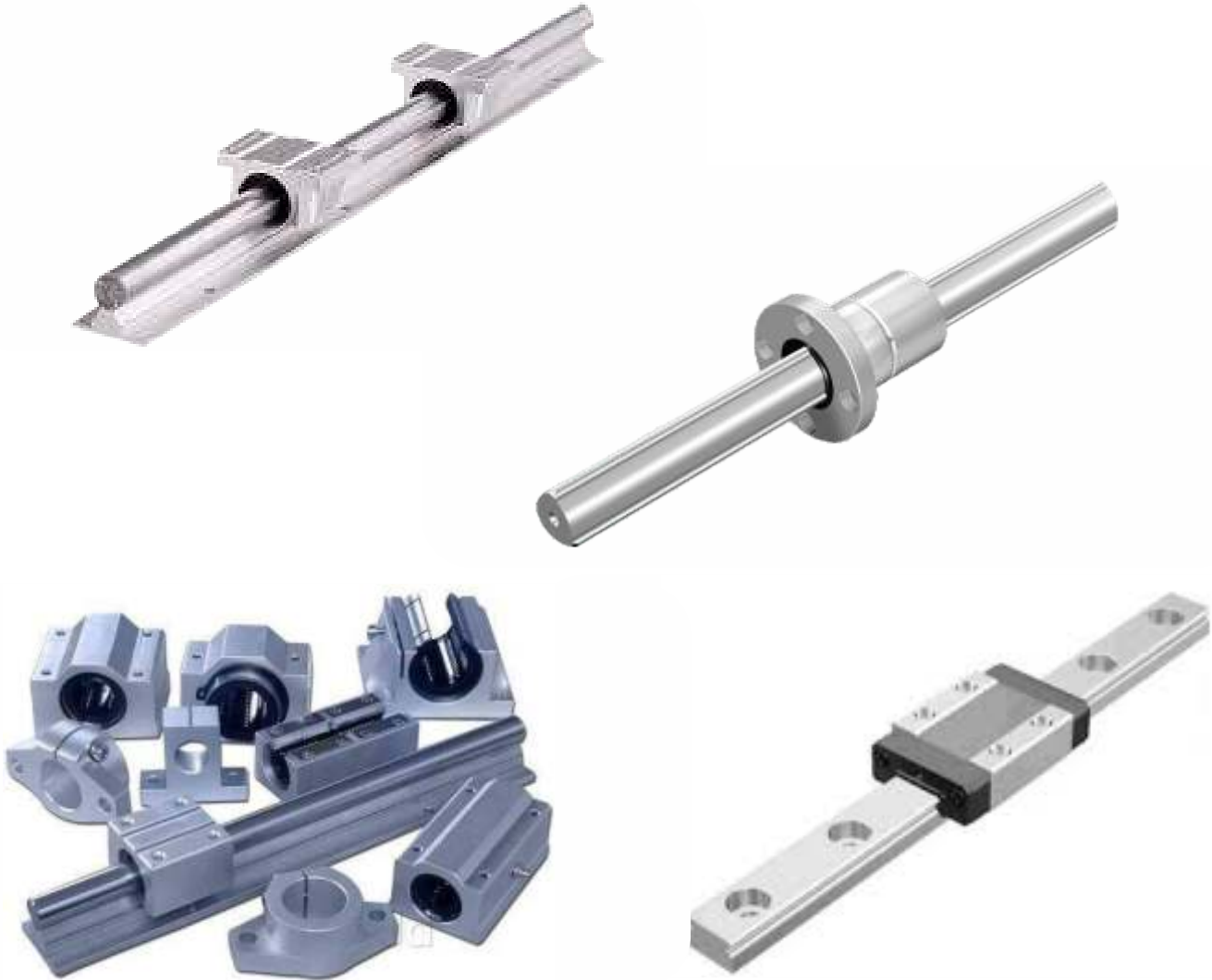


INDUCTION HARDEN ROD



We pride ourselves on the quality of our products, which go through a highly specific production process. Each Chrome Plated Rod we ship has been inspected to meet current industry standards for tolerances. Induction Hardened Chrome Plated Steel Bars are produced by using advanced techniques on AISI 1045/1050 steel bars, for surface removal, polishing, induction hardening, and then hard chrome plating. The finished product is a superior impact resistant bar ideal for high quality piston rods.

Material grade	:	EN 8, EN 9, EN 19, EN 31
Dimensions	:	06 - 160 mm / 01/4" - 6
Diameter tolerance	:	ISO f7 / other, on request
Roundness	:	max. 1/2 from diameter tolerance
Standard length	:	5000 7500 mm / on request cut lengths
Surface roughness	:	Ra: max. 0.20 sun
Hardness Case depth	:	1.5 mm to 2.5 mm
Chrome layer thickness	:	0 < 20 mm: min, 15 pm O ` 20 mm: min. 20 gun
Chrome layer micro hardness	:	min 900HVO.1
Straightness	:	O 16 mm: max 0.3 mm/1000 mm O > 16 mm: max 0.2 mm/1000 mm



L M SHAFT

Usage Shaft for L.M. Bearing / Piston Rod For 1M bearing moving equipment shaft for fitness equipment Guide Pillar, Side Rail.

Material	: EN-8(D)/ EN-9 / EN-19 / EN-31 or as per customer requirement
Std size	: 10mm to 100mm. above 100mm can be order
Std length	: cut to customer length up to 7000mm
Hard chrome plating thickness	: 20 to 25 micron
Surface Roughness	: 0.2 RA
Surface Hardness	: 60HRC+ 2
Chrome surface hardness	: 850 to 1100 HV
Straightness	: 0.1 per meter max.
Od Tolerance	: g6

SEAMLESS HONED TUBE & READY TO HONED TUBE

We have in store for our clients, a resilient range of honed tubes that find application in pneumatic and hydraulic cylinders. Our ready stock, of hone tubes is provided in the size of 40 mm to 150 mm having length up to 11300mm. Made train fine quality seamless pipe, our range is made use of in several industries and machinery including earth moving machinery



Our extensive array of hydraulic cylinders and similar industrial supplies are of great use in diverse industries and machinery. Some of the machinery that makes use of low range includes:

- Earth moving machinery
- JCB machines
- Pneumatic and hydraulic cylinders
- Hydraulic presses
- Injection molding machines
- Mobile hydraulics
- Agricultural machinery
- Steel hydraulics



USAGE IN HYDRAULIC CYLINDER

Grade	:	5T52.3, Din2391, BK+5
OD	:	30-1000mm
Max Length	:	12 meter
Seamless	:	ISO
Honed Tube	:	H8
Tolerance INT	:	H9
Ready to Honed Tube	:	+3

OUR FACTORY

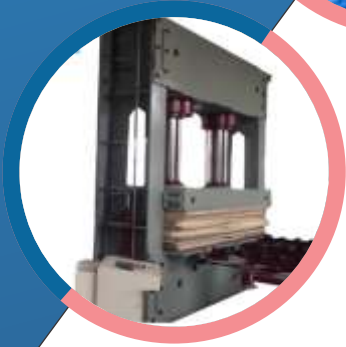


OUR PRESENCE

- GUJRAT
- MAHARASHTRA
- KARNATAK
- TAMILNADU
- RAJASTHAN
- MADHYA PRADESH
- CHHATTISGARH
- DELHI
- JHARKHAND
- UTTAR PRADESH



Application Industries



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