



Harden Chrome Smooth Linear Shaft

Linear Motion Shafts have high surface hardness, exceptional straightness and surface finish which are the basic needs for linear ball bushing application. The shaft surface features high smoothness, good touch, and small friction coefficient. In addition, the product is very straight with high dimensional accuracy. This Linear Motion Shaft is a high-precision shaft that can be used with slide bushing or any other bearings. Ideal for robotic, 3D printers, CNC router machine and automation application.

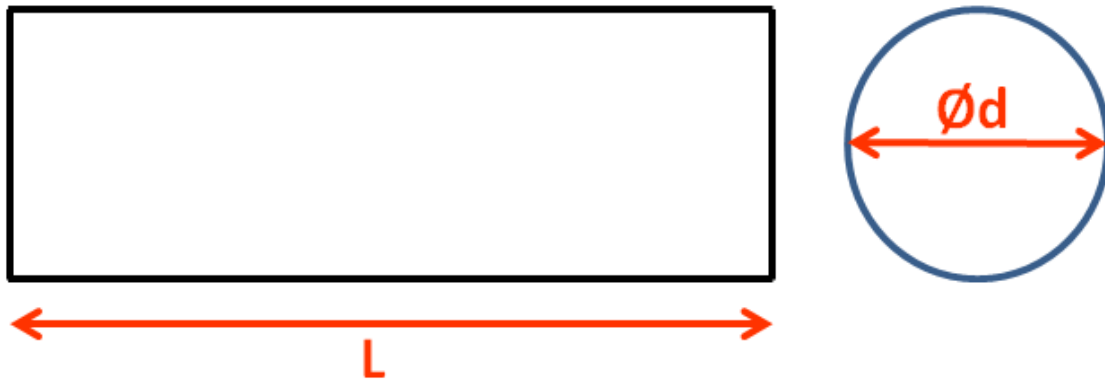


SKU: [MCH1519](#)

Brief Data:

- Diameter: $\text{Ø}6\sim 20\text{mm}$.
- Length: $500\sim 1000\text{mm}$.
- Main Material: CF53.
- Heat Treatment: High Frequency Induction hardening.
- Surface Roughness: Polished, $Ra \leq 0.8\mu$.
- Shaft Straightness: Within 50μ per 300mm .
- Tolerance: G6/H6.
- Corrosion Protection: Hard Chrome Plating.

Selection Table:



Part No	Diameter d Ø mm	Length L mm	SKU
LMS06	6	500	MCH1543
LMS08	8	500	MCH1382
LMS10	10	500	MCH1017
LMS12	12	500	MCH1385
LMS12	12	1,000	MCH1520
LMS16	16	500	MCH1519
LMS20	20	500	MCH1541



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