High Precision Linear Shafts
One End Threaded with Undercut / Wrench Flats

- Suitable for assemblies of parts requiring high precision and high perpendicular precision of the shaft end.

- Features of Low Temp. Black Chrome Plating:
  - L Dimension Tolerance, Circularity
  - SUJ2 Effective Hardened Depth
  - Material: SUS440C Equivalent
  - Plating Thickness: 5µ or More
  - Plating Hardness HV750 ~

- SUJ2 Low Temp. Black Chrome Plating:
  - Effective Hardened Depth
  - Standard Type
  - Material: SUS440C Equivalent 56HRC~

- Alterations may lower hardness at wrench flats, cross-drilled hole, and shaft end machined areas. Effective thread length + approx. 13mm.
- Cross-drilled hole areas may be out of 0.0 tolerance due to remaining induced deformation.
- Dimension Tolerance, Circularity
- Straightness, Perpendicularity, Concentricity

- Advantages of Low Temp. Black Chrome Plating:
  - Alteration to L dimension tolerance

- Ordering Code:
  - Part Number - L - F - M (MMC, MMS) - SC - (LKC•••etc.)

- Alterations Code:
  - SX

- Set Screw Flats at One Location
  - SX15

- Set Screw Flats at Two Locations
  - SX15

- Orientation between set screw flats is not coplanar. Not applicable when D-M≤2.

- When 1.5xD<FC, FC≤L/2

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- Alterations may lower hardness. See F2112

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