Driveshaft
Caleb A. Sylvester, Christopher J. Cannell
Material: 316 Stainless Steel
Primary dimensions in millimeters, secondary dimensions in inches.
All surfaces machine tool finish except where noted.
NOTE: the fits between this driveshaft and other components.

Last Updated: 14 January 2004, CAS

NOTE - This driveshaft is held in the driveshaft housing by a small, stainless steel bearing. The specific bearing is a McMaster-Carr product:
McMaster-Carr.com
Catalog page 1010, Miniature Precision Stainless Steel Ball Bearing - ABEC-5 Part Number 571SSK36: 0.25' ID, 0.375' OD, 0.125' width.

FIT - The minor shaft diameter (shown as 6.325 mm) must maintain a LIGHT PRESS FIT with the ID of the bearing. See driveshaft_assembly_2.dwg for more detail on placement and fit.

NOTE - The drive shaft requires a flat spot in order to accommodate a set screw.