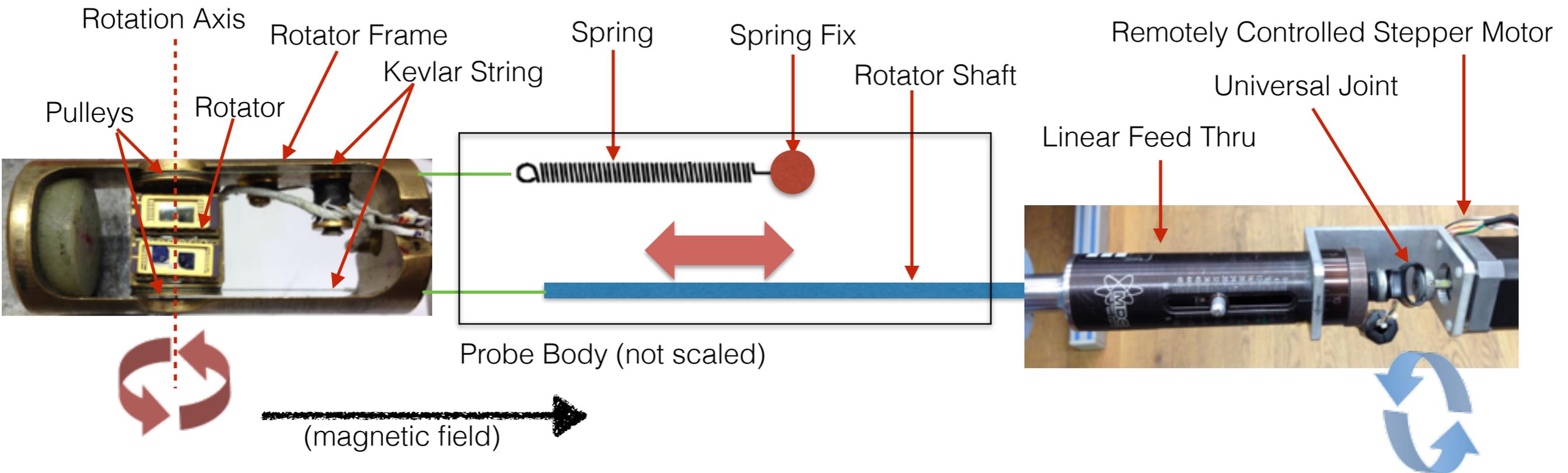
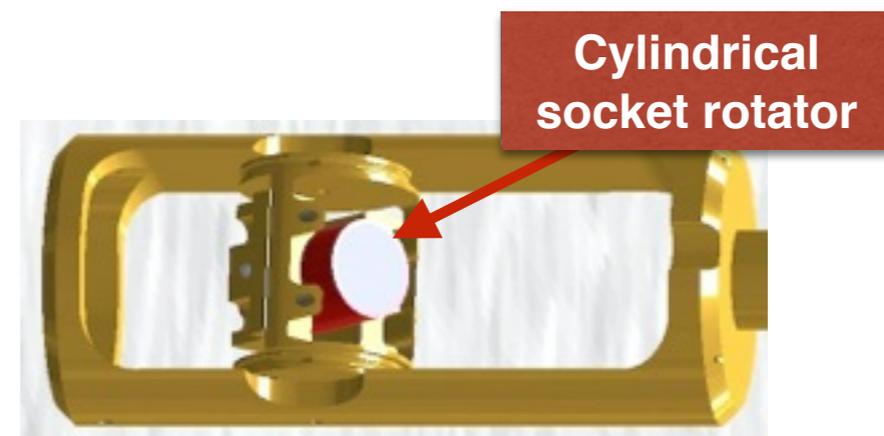
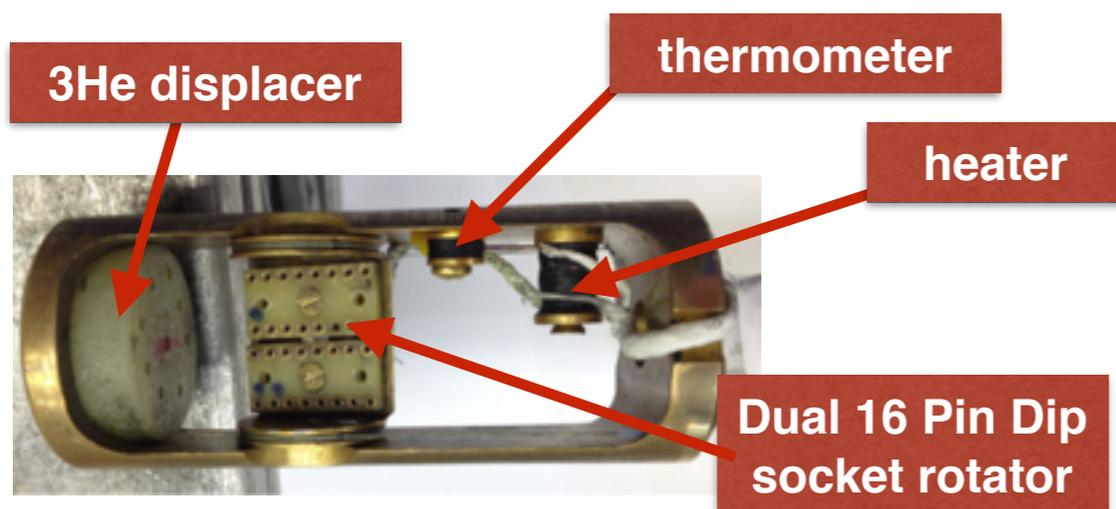


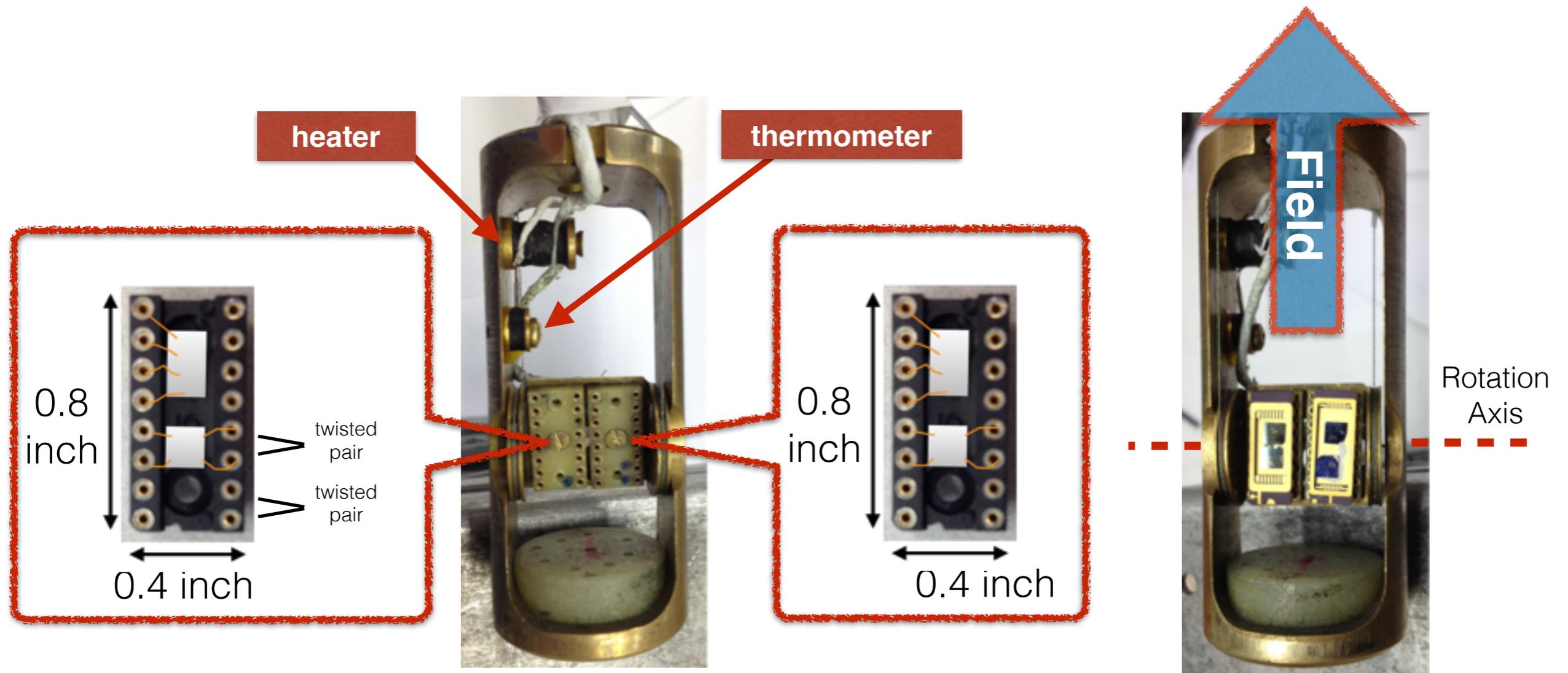
SCM2 General Purpose Rotating Probe - Dual 16 Pin Dip / Cylindrical Socket Mount



The general purpose rotating probe can be configured to have a dual16 pin dip header sample holder or cylindrical sample holder. The design and principle of this very low friction rotator can be found in Rev. Sci. Instrum. 70, 237 (1999).

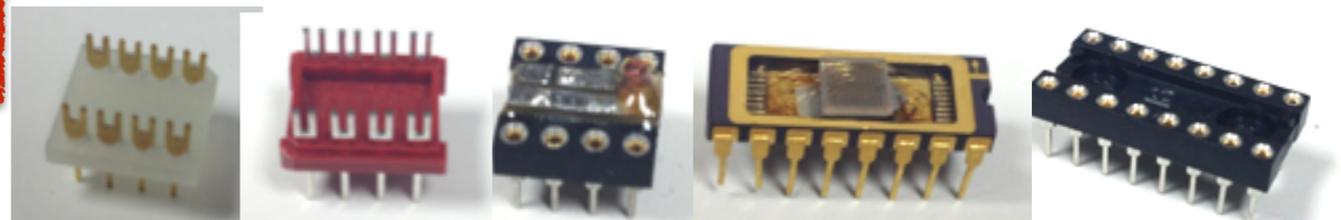
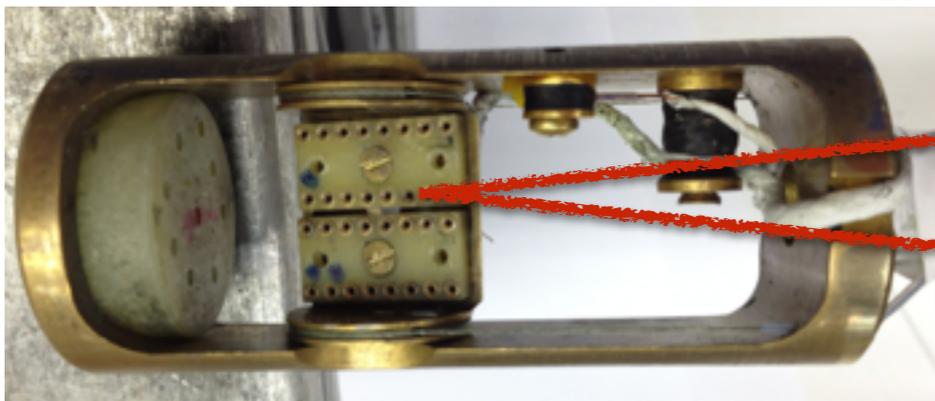
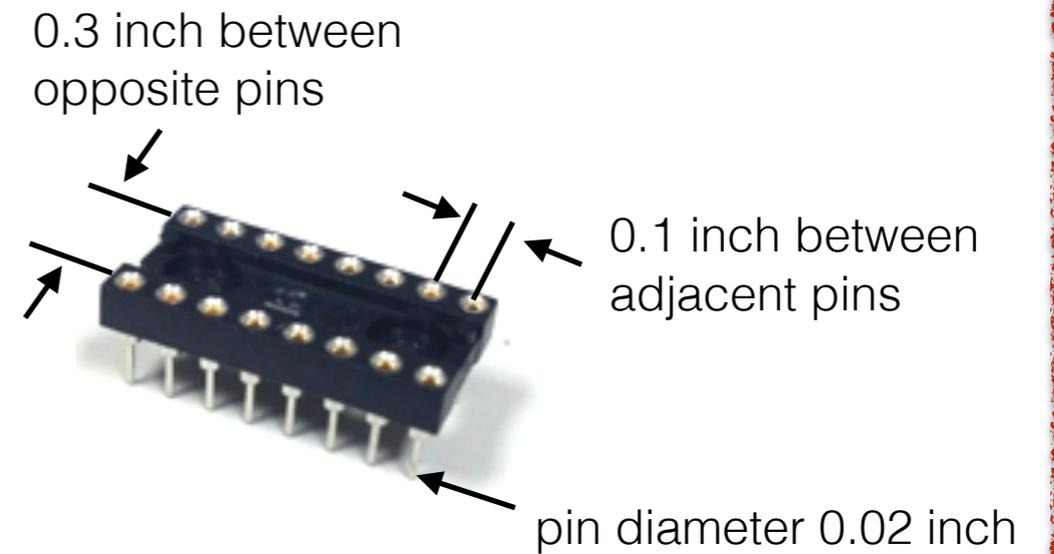
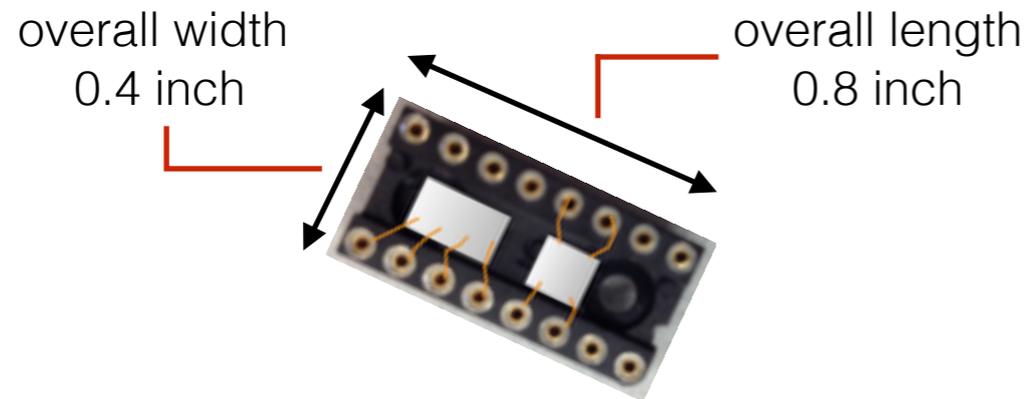


SCM2 General Purpose Rotating Probe - Dual 16 Pin Dip Socket Mount



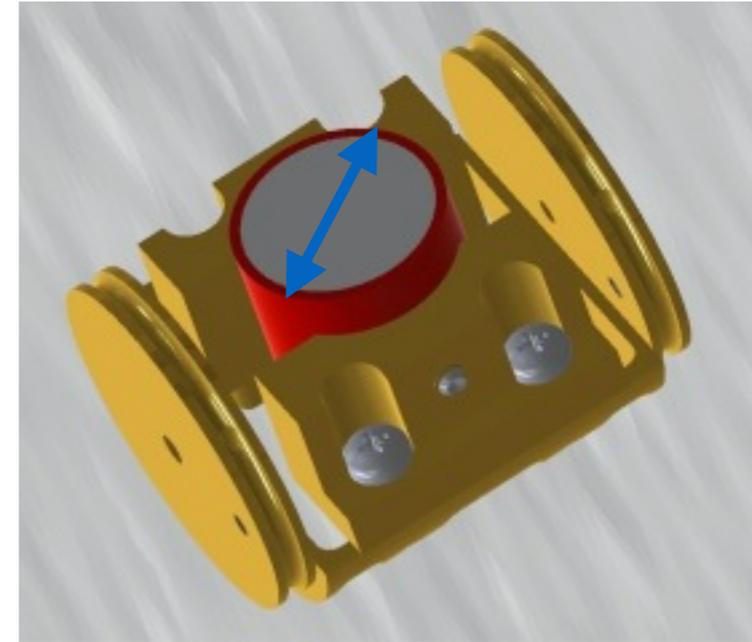
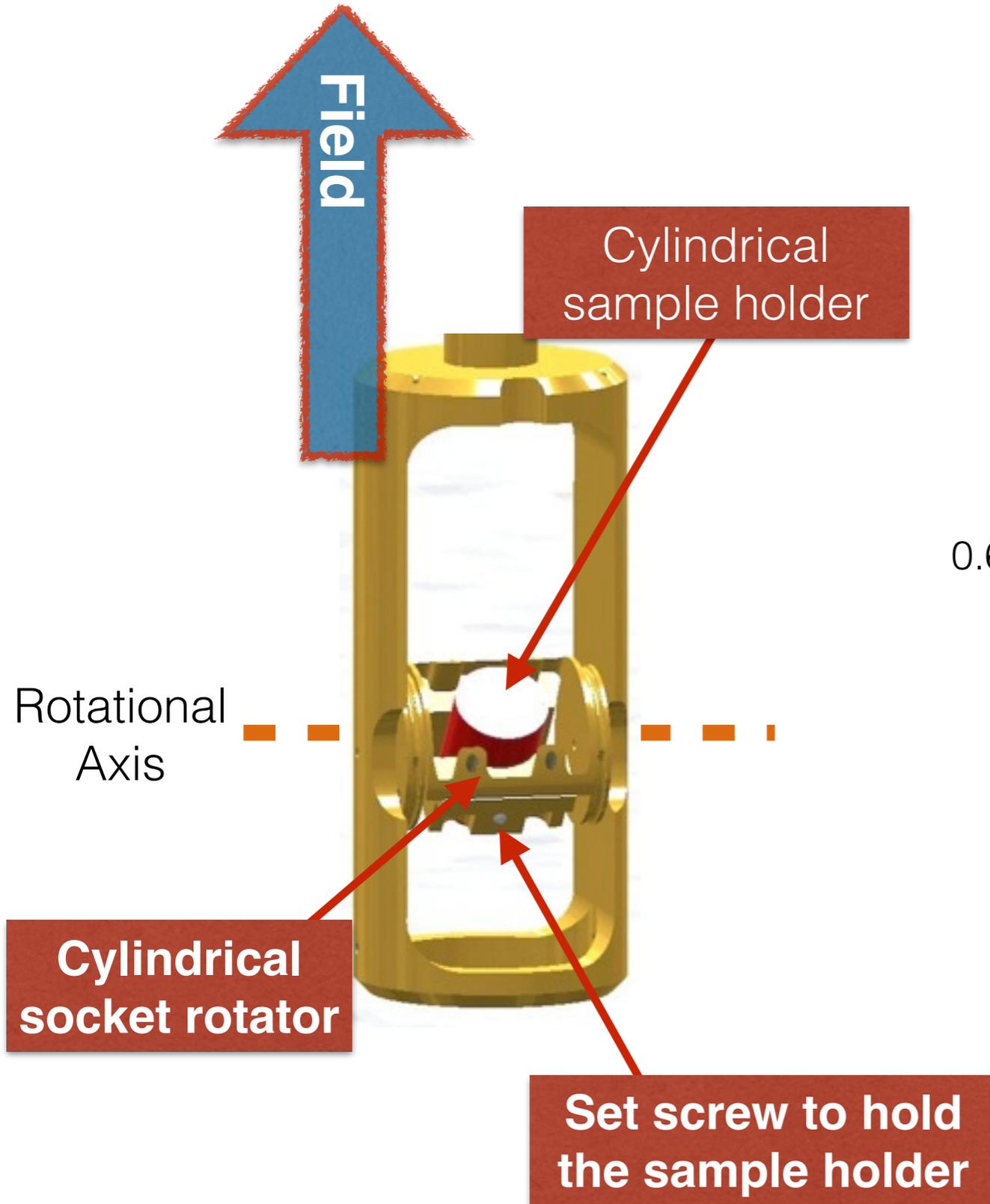
Samples prepared on a standard 16 pin dip header can be mounted to a dual 16 pin dip socket rotator and can be remotely rotated to a desired orientation during experiment. See page 3/4 for proper dip header dimension and shape.

Acceptable Sample Dip Header Dimension



Various style of Dip header can be used as a sample holder
as long as it meets the acceptable dimension above.

SCM2 General Purpose Rotating Probe - Cylindrical Socket Mount



0.656 inch I.D.

0.6 inch I.D.

0.5 inch I.D.

A cylindrical socket rotator is designed to hold a cylindrical sample holder. Currently the SCM1 probe has three cylindrical rotators with diameters of 0.656 inch, 0.6 inch, and 0.5 inch. The diagonal dimension of a sample holder should fit 1.44 inch I.D. cylinder during rotation @ 45°