Sample Changer Motor Drive Shaft

1" = 2"

Made from 1/2" diameter brass or Aluminum rod, total length should be 1/2" shorter than the vertical support rods.

1/4" diameter to fit PIC no-slip gears

1/2" diameter shaft to fit snugly into the McMaster-Carr bearing in the top 2"

maximum length allowed by system (typically 51.5”)

Cotter Pin to anchor drive shaft to motor shaft semi-permanently

Drill a hole 0.7" deep to fit snugly the 1/4" shaft of the DC Servo Motor.