Both of these drive cog holes should be ~2.05" in diameter, centered as shown, for snug fit of bearing assembly, with four holes around them to fit the 8-32 threaded bolts on the drive assemblies. Each of the 2" holes should have 4 small holes 0.13" in diameter for the 8-32 bolts surrounding them as shown, so that the aluminum supporting rings will fit.

These 4 slots are for adjusting the motor tension on the belts, and should be 1.5" long, 0.17" wide, and centered as shown.

these holes should be machined on a solid piece of Aluminum plate, 3/16" thick, 35" long, and 22.8" wide.

Scale: 0.4" = 1"

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All small holes ( ) and slots in the bottom half of this figure are 1/4" diameter,

The two central nanocogs wheels are on a 1.5" long 1/4" wide adjustable slot to control belt tension.

Location of Aluminum blocks for the plexiglass Guide (drill holes only)

The two central nanocogs wheels are on a 1.5" long 1/4" wide adjustable slot to control belt tension.

Sample pass-through hole - 1.3" id, but tapered on top