

## Kinetic Sculpture assembly instructions:

Your new 304 Stainless Steel kinetic sculpture will likely last the rest of your life and beyond with proper care.

Remove all 4 assembly parts, lay them out with the weather vane and its shaft in the middle, and the rotating wheels to each side

Begin by taking the mounting spindle (*Image 1*) and slide a collar lock on to it and leave it loose on the weather vane, be sure the bearings are intact and seated properly on the weather vane, then slide on the bearings to the spindle the weather vane rides on and add another collar lock above that,. Be sure to leave a 1/16th or so, on each side to allow for expansion and contraction. Repeat that process on each collar lock and tighten snugly.

The assembly should be moderately tightened down with a 1/4" gap from collar lock edge to the top of the spindles shaft.

Next inspect the rotating assemblies, (*Image 2*) be sure the bearings are intact and seated properly, then slip on a collar lock to the inside of each inner side of the weather vane and leave it loose, then mount each rotating wheel side accordingly to the weather vane so that the unit is now symmetrical, freestanding, and each of the wheels are going OPPOSITE DIRECTIONS. The idea is that once the collar locks and wheel assemblies are mounted that each edge of the collar lock assemblies are approximately 5/8" from the end, then slip on the outer collar lock and tighten snugly so that there is about a 1/4" gap of metal at the edge. Be sure to leave a 1/16th or a tad more gap on each side to allow for expansion and contraction... Once the assembly is tight and catches wind it should rotate opposite of the other wheel.

If you mount your sculpture to a building of any type, the sculpture MUST be electrically grounded just like a metal rod or piece as it is now considered a lightning rod. For optimum results mount sculpture at a minimum of 8 ft off the ground in an open breezy area away from trees and other obstruction to the wind.

Image 1 - spindle



Image 2 – Wind wheels



Collar Lock



Flanged Bearing

