

## synthesis

A large thin rolling nylon hoop would become unstable when struck violently to propel it forward. Therefore a "T" shaped cross section was designed to keep the hoop ridged. This also allowed for less material to be used than previous designs based more on bicycle rims. The shape lends itself well to injection moulded production and durability.

The baton used to propel the hoop is a universal design with no wrong way to hold or use. The baton is injection moulded with over moulded rubber fringe parts that are fun to hold and massage with fingers, much like the handlebars on many bicycles.

