

## Pololu Ball Caster with 1/2" Plastic Ball

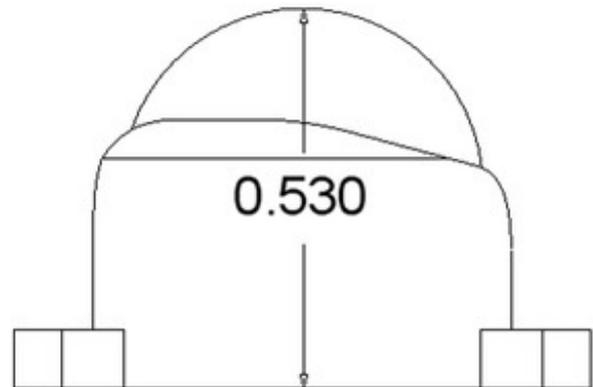
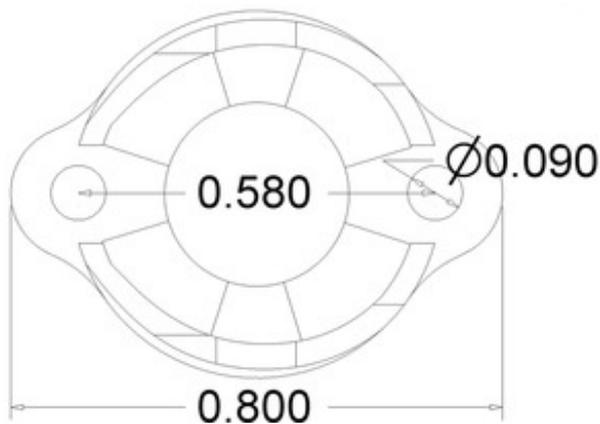


Pololu ball caster with 1/2" plastic ball with included hardware.

### Overview

This ball caster kit includes a black ABS housing, a 1/2" diameter plastic ball, two spacers (1/16" and 1/8" thick), and two #2 screw sets. The total height of the ball caster, 0.53", can be increased to about 0.7" using the included spacers. The two included #2 screws can be used to mount the ball caster to your chassis (the distance between the screw holes is 0.58").

Note that our ball casters are designed for small robots; they are not intended to bear more than a few pounds. With more weight than this, friction between the ball and the housing will probably keep it from rolling well.



### Comparison of Pololu ball casters

Pololu ball caster ball diameter	height with no spacers	distance between screw holes	weight with no spacers or screws
3/8" plastic-ball	0.40"	0.53"	0.03 oz
3/8" metal-ball	0.40"	0.53"	0.14 oz
1/2" plastic-ball	0.53"	0.58"	0.07 oz
1/2" metal-ball	0.53"	0.58"	0.32 oz
3/4" plastic-ball	0.91"	0.24"	0.25 oz
3/4" metal-ball	0.83"	0.61"	1.05 oz

1" plastic-ball	1.10"	0.70"	0.36 oz
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[Documentation on producer website.](#)