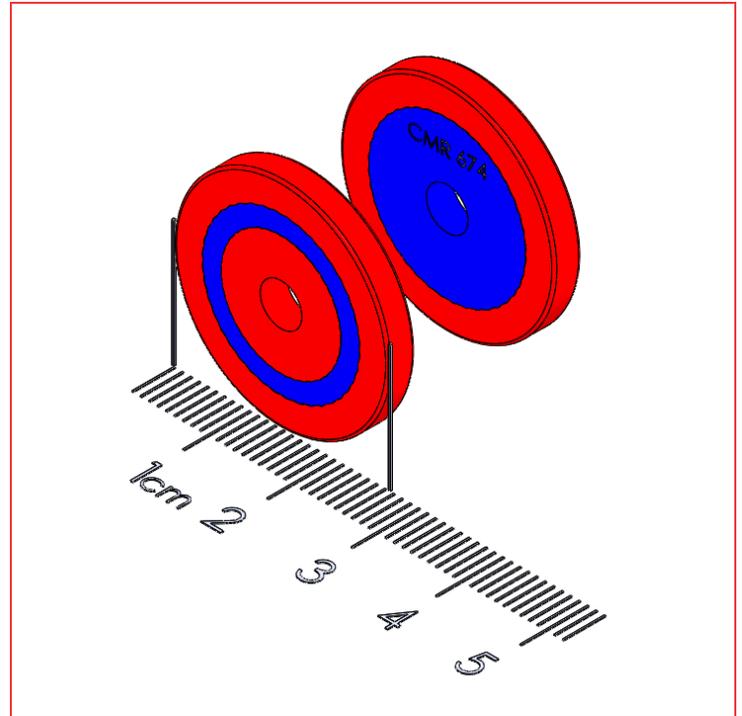


www.polymagnet.com

## 1002290 Spring Polymagnet Pair – Long Range Repel – 1” Ring

These Polymagnets attract at a distance, but repel up close. They balance at a neutral point above the surface when they are axially constrained.



### Features and Benefits

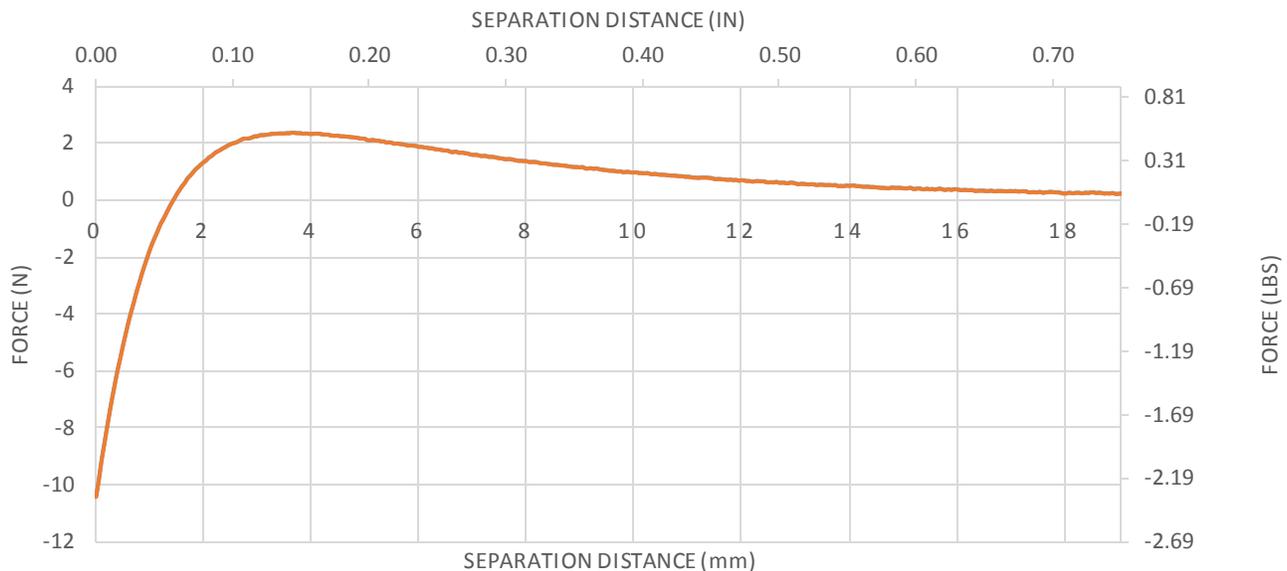
- Through hole
- Unique floating behavior
- Polymagnet pair 1000674/1000675

### Technical Specifications:

Dimensions:	1 OD 0.195 ID x 0.125 in
	25.4 OD 4.953 ID x 3.175 mm
Weight:	0.4oz (11.6g)
Material:	NdFeB
Magnet Grade:	N40
Coating:	NI-CU-NI
Temperature Rating:	176° F (80° C)

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### HOLDING FORCE VS SEPARATION DISTANCE MAGNET TO MAGNET



A pair of Polymagnets 1000674/1000675 will attract at a distance, and will repel once pushed closed. The magnets must be axially constrained to exhibit this behavior.

#### Notes on Performance Data

The performance information provided in this data sheet is derived from test or simulation results of directly comparable magnets of the same size and grade under consistent conditions. The magnets are tested under controlled environmental conditions. Unconstrained application testing may give lower forces due to the magnet tilting or shifting away from target during engagement and disengagement.

#### Patent Information

Pat. [www.cmrpatents.com](http://www.cmrpatents.com)

