

### Conventional Magnet

This pair of magnets are magnetized with only one pole per face and included for comparison demonstration to the Polymagnets® in this kit.



### DEMONSTRATOR KIT - CMP1DEMOKIT -

#### "FULL SERVICE" Polymagnet Development & Prototyping:

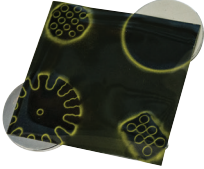
- Custom multi-pole magnet design & consultation
- 3D modeling & design
- Prototyping capabilities with 3-D printing
- Onsite metal fabrication for prototyping and production services
- Custom magnet materials and sizes available



**INDUSTRIAL MAGNETICS, INC.**  
1385 S M 75, BOYNE CITY, MI 49712  
WWW.MAGNETICS.COM

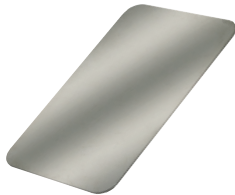
### Magnetic Viewing Film

This special green film allows you to see the magnetic field pattern on the face of the magnets.



### Attach Sheet

Thin steel sheet to demonstrate magnet on steel performance differences.



900299.E - (07/17)

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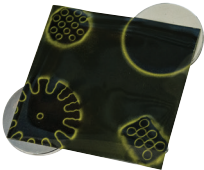
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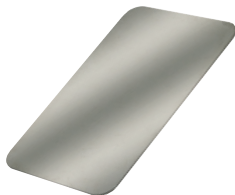
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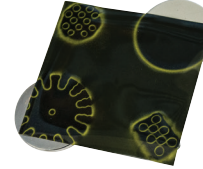
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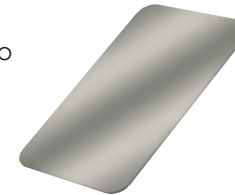
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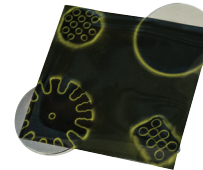
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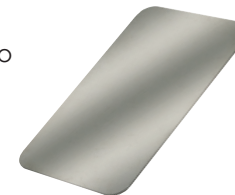
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### Controlled Reach Max-Attach™ Field

Illustrates field reach control of Polymagnets®. Ideal for sensitive applications such as electronics

& medical equipment. Optimized for the Attach Sheet thickness without bleed-through. Use the magnetic viewing film to see that no stray fields go through the thin-metal provided.



### Max-Attach™

This magnet pattern demonstrates the ability to improve magnetic hold and sheer strength, while keeping some depth of field to ensure a strong attach even with small gaps between the magnet and the metal.



### 90 Degree Detent

This pair of magnets is patterned to turn easily face to face with a detent catch point every 90 degrees.



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### Push-Latch

This pair of magnets is patterned to repel until pushed very close and then they snap together.



### Twist-Latch

This pair of magnets is patterned to repel and attract as the faces are rotated.



### Mag Spring

This pair of magnets is patterned to attract at a distance and then repel up close to create a magnetic spring or cushion.



### Spring-Latch Combo

This pair of magnets is patterned to function like a spring and a twist release latch. They hold tightly in the latched position, and when rotated 180° they become a spring.



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