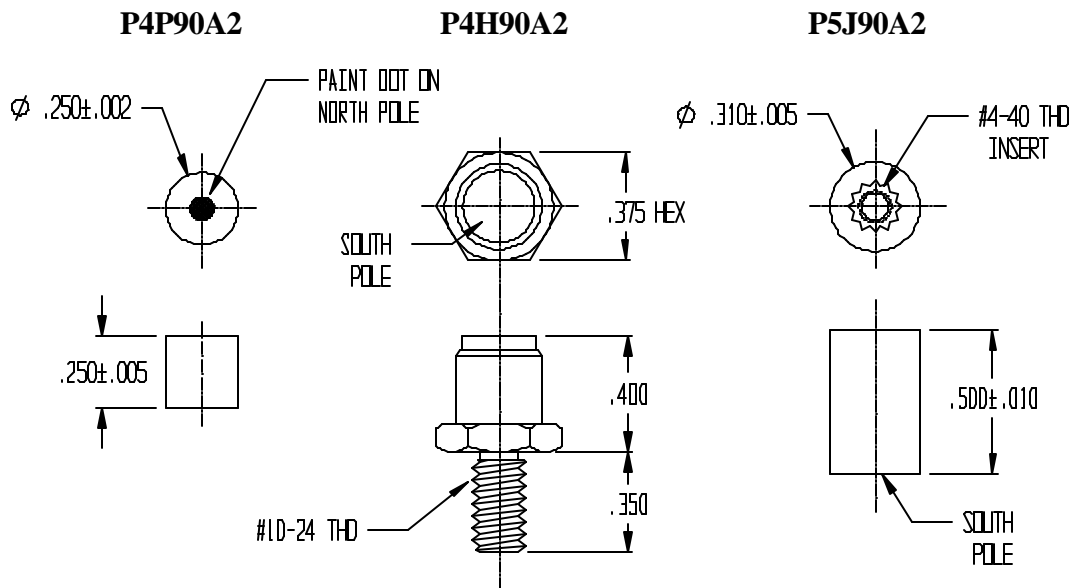




**PHOENIX AMERICA INC.**

4717 CLUBVIEW DRIVE  
FORT WAYNE, IN 46804

# P4P90A2, P4H90A2 and P5J90A2 Target Magnets for Proximity Sensors



**FEATURES:**

- Rugged, chip free construction
- High energy magnet materials
- High resistance to demagnetization
- High Energy Neobond 50H material
- Operation from  $-40^{\circ}\text{C}$  to  $125^{\circ}\text{C}$
- Well suited for general industrial environments
- Various attachment methods
- Custom shapes and attachment methods available

**Magnet Target Description:**

Proximity target magnets are used in a variety of positioning applications. Manufactured using a high-energy Neodymium-iron-boron material combined with a Nylon polymer binder, they provide a strong, steep magnetic field gradient to activate magnetic proximity sensors over a large range in air gap. The proximity target magnets are designed to operate in either a "Head-on" or a "Slide-by" mode of operation.

**PART**

**NUMBER**

P4P90A2  
P4H90A2  
P5J90A2

**TARGET DESCRIPTION**

Cylinder magnet  
Cylinder magnet in a aluminum threaded insert  
Cylinder magnet with integral threaded insert