

Magnetization Patterns

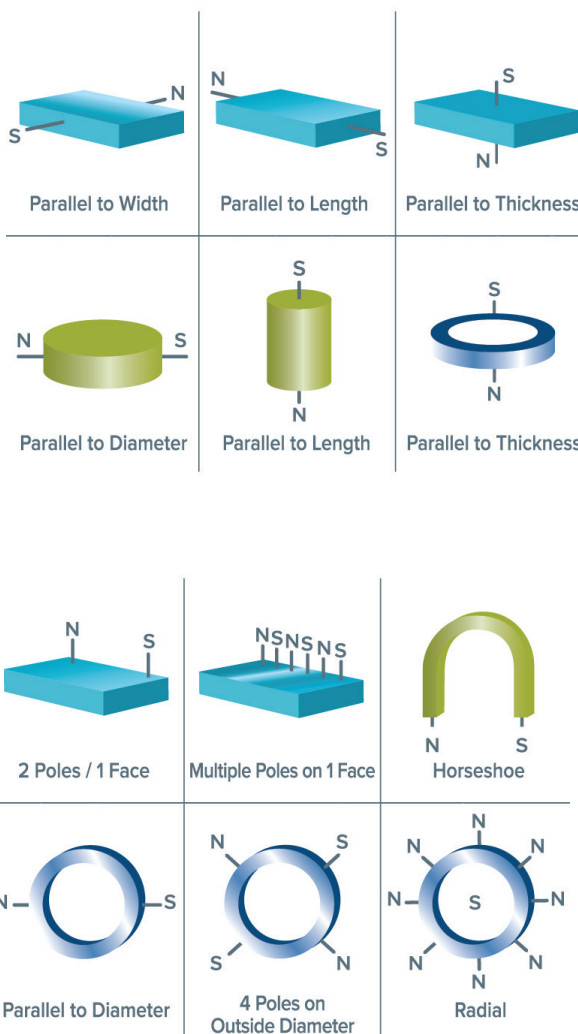
Overview

DEXTER BENEFITS AT A GLANCE:

- > ISO: 9001:2015
- > AS9100D
- > Clean Room Class 10000 (ISO7)
- > Patented Magnetic Technology
- > Flexible Manufacturing
- > Component-level Traceability

Isotropic magnets, such as Bonded Nd-Fe-B, are unoriented and have no preferred direction; therefore it is possible to magnetize them in any direction. Almost all other materials are anisotropic and have a preferred direction of magnetization. They will exhibit the best magnetic properties when magnetized in the direction of the grain. Higher magnetic flux densities can be achieved with anisotropic magnets that are magnetized in their direction of orientation than with isotropic magnets.

The magnetization patterns for your project can be created with the following orientations:



ABOUT DEXTER

Dexter Magnetic Technologies is the global leader in specification, design and fabrication of magnetic products and assemblies. Since its founding in 1951, solutions designed by Dexter have and continue to positively impact our world daily – from life-saving medical devices to intelligent optics.

As the essential magnetic system partner, our teams of engineers and support staff are dedicated to delivering innovative technological solutions and services through a powerful combination of engineering and manufacturing expertise.