

STANFORD

MAGNETS



Permanent
Magnet
Assemblies
Press Fitting, Glue Assembly,
Over-Molding

Meets ISO 9001, ISO14001
Standard Professional Technical
Team

Quick Delivery
Magnetic Assemblies

Applications: Rotors
Hybrid and electric drive motors
Dynamically balanced rotors
Halbach arrays
Eddy current rolls
Oil and gas industry sensors
and drive systems
Automotive sensors, motors
or actuators
Aerospace applications
Pump couplings
Latch assemblies
Voice-coil assemblies
Beam focusing
assemblies
NMR assemblies



Magnetic Assemblies

Halbach Arrays
Torque and Linear Couplers
Magnet Rotors
Voice Coil Motors (VCM)
Electromagnet
Electric components
Custom Magnetic Assemblies
Magnetic Door Latches
Sandwich Assemblies
Channel Magnet Assemblies
Magnetic Modules for Wind Power

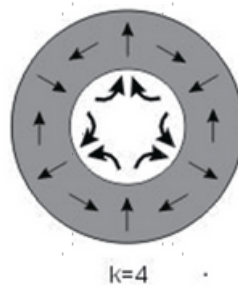
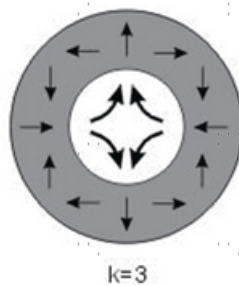
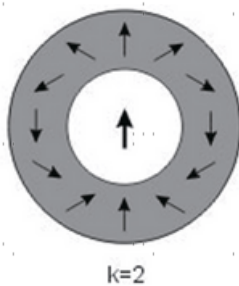
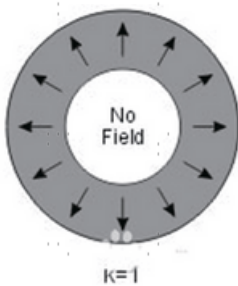
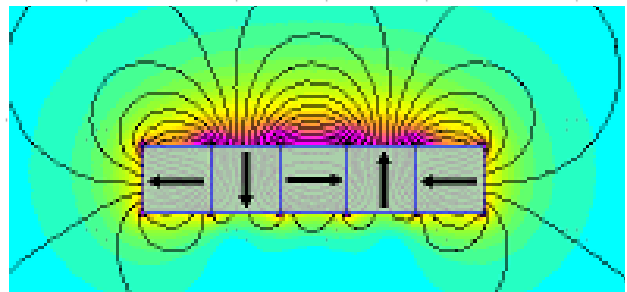
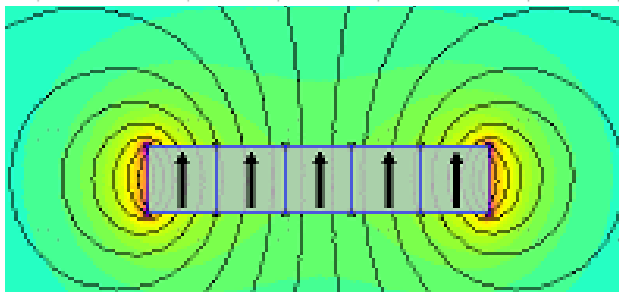
Custom Made Permanent Magnets

Neodymium Iron Boron
Samarium Cobalt (SmCo)
Alnico
Other magnetic materials



Halbach Arrays

Three Magnet Geometries Inspected Through Three Different Operational Gaps			
Attractive Force (lbf.)			
Gap (Inch)	All NORTH	Alternating N-S-N-S-N	Halbach Array
0.000	8	10	11
"	0	5	2
0.000	7	91	10
"	0	36	2
Halbach Arrays Types			
0.060	3	57	
"	Cylindrical Halbach Array	Linear Halbach Array	Holding Halbach Array
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