

A Powerful Force in Magnetic Assemblies

58.71 28
Ni

150.35 62
Sm

144.24 60
Nd

55.845 26
Fe

26.9815 13
Al



ARNOLD[®]
MAGNETIC TECHNOLOGIES

Aerospace & Defense

Industrial

Automotive

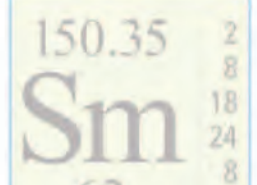
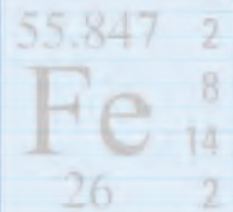
Our World Touches Your World Every Day . . .

Precision Magnetic Assemblies with Tight Tolerances

Arnold Magnetic Technologies is the leading worldwide source for magnets and magnetic assemblies. At Arnold®, our motto is, "Our world touches your world every day" as we supply high integrity, mission critical assemblies for use in aerospace & defense, reprographics, oil and gas, automotive, medical and electronic applications. For more than five decades, we have engineered solutions for our customers by not only providing magnets but assemblies made to print or co-developed to complete their projects.

From the straight-forward to the most complex combination of magnetic and non-magnetic materials, our advanced assembly services offer unparalleled expertise, quality and affordability.

Our experienced team of Engineers and Production Workers located at all of our worldwide locations, are able to offer you a wide range of capabilities for your magnetic needs. Contact us today with your questions or needs at: assembly@arnoldmagnetics.com.



Arnold Continually Develops New Techniques for the Creation of Advanced Magnetic and Non-Magnetic Assemblies

- Armatures and Rotor Housings
- Commutator Sensor Magnets
- Drive Couplings
(Coaxial & Axial, Pumps, Vacuum, etc.)
- NMR Magnets
- TWT



- Halback Arrays
- Beam Deflection Dipoles
- Gyroscopes
- Isolators
- Wigglers
- Undulators

- High Field/High Uniformity Dipoles
- Mass Spectrometers
- Plating Dipoles
- Developer Housings
- Magnetic Reprographic Rolls

- Medical Equipment
- Security Devices
- Separating Devices
- Work Handling and Holding Devices
- Latches

Non-Magnetic Assemblies

Our skills and resources are also available for assemblies of almost any product involving shafts, gears, bearings, motors, wiring and work with epoxies or special metal holding adhesives. Our facilities in the United States, Europe and Asia can accommodate either long or short production runs.



DFAR Compliant Material

- Alnico
- Samarium Cobalt - RECOMA®



Global Service

Arnold's worldwide team of Engineers, Designers and Project Managers direct the production of assemblies at our facilities in Rochester, New York; Lupfig, Switzerland; Sheffield, England and Shenzhen, China. We can match our strengths and locations to meet your needs.

Design Support

Arnold offers comprehensive design, manufacturing and product evaluation capabilities providing for outstanding customer support. Services include:

- Conceptualization
- Initial Design
- Prototyping
- Design Optimization
- Pre-production Trials
- Validation Testing
- Cost Reduction
- Design Updates and Revisions

Quality

Our worldwide plants meet the most stringent Quality certifications. Arnold plants have been certified with some or all of the following credentials: ISO, ISO/TS and AS 9100.

Design Assistance

Magnetic Modeling in 2D or 3D

Modeling may include many variables such as temperature dependence, radial symmetry, hall sensor type or location.

We can also help with the calculation of complex holding forces, switch and latch design, and pulse counter design.

Molding

We can supply products that benefit from insert or over-molded designs.



For more information contact us at:

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