

Permanent Magnet Market by Type (Neodymium Iron Boron Magnet, Ferrite Magnet, Samarium Cobalt Magnet), End-Use Industry (Consumer Electronics, General Industrial, Automotive, Medical Technology, Environment & Energy), and Region - Global Forecast to 2026

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Abstracts

The global Permanent magnet market is expected to grow from USD 34.4 billion in 2021 to USD 54.1 billion by 2026, at a CAGR of 9.5% during the forecast period. Increasing demand from the automotive industry and general industrial applications are driving the growth of the market. These permanent magnets are used in consumer electronics, general industrial, automotive, medical technology, environment & energy, aerospace & defense, and other applications. However, the negative impact of the COVID-19 pandemic on the end use industries has affected the Permanent magnet adversely.

“The neodymium iron boron magnet is the fastest-growing segment by magnet type in terms of value and volume.”

The neodymium iron boron magnet market is expected to witness high growth because of the growing demand for miniaturization of various equipment. They are the most preferred permanent magnets owing to their strong magnetic properties. These magnets are made of alloys of neodymium, iron, and boron. They can be made in blocks, rings, discs, arcs, triangle, and spheres. NdFeB magnets are sintered anisotropic materials. They also contain dysprosium and terbium to maintain and improve the properties of magnets. It is the strongest permanent magnet available today with maximum energy products.

“The consumer electronics industry dominates the global permanent magnet market in 2020”

The demand for permanent magnet in consumer electronics industry is expected to increase mainly due to improving standards of living and rising disposable income in the APAC region. In the consumer electronics segment, permanent magnets are used in magnetic heads of Hard Disk Drives (HDD), CDs, as well as in motors of peripheral devices such as printers, fax machines, scanners, and photocopies. The increasing usage of cloud computing and related development resulted in the growing demand for data centers to store enormous amount of data. The growing demand from data centers for HDD pushes the demand for permanent magnets. These magnets are also used in air conditioners, washing machines, dryers, cooling fan motors in computers, fans, microwaves, loudspeakers, and VCR tape drive motors, among others. Permanent magnets help enhance the efficiency of such appliances.

“APAC to lead the permanent magnet during the forecast period”

APAC is projected to have the highest growth in the permanent magnet and will expand significantly by 2026. This dominance is attributed to the rising demand from domestic industries in the region. The demand for permanent magnet is growing, especially, in APAC and South America. The markets in these regions are expected to register high growth in comparison to other regions. The growth of the permanent magnet market in the APAC region is also driven by foreign investment and availability of low cost labor and raw materials.

This study has been validated through primary interviews conducted with various industry experts globally. These primary sources have been divided into the following three categories:

By Company Type- Tier 1- 40%, Tier 2- 33%, and Tier 3- 27%

By Designation- C Level- 50%, Director Level- 20%, and Others- 30%

By Region- North America- 15%, Europe- 50%, Asia Pacific (APAC) - 20%, South America-5%, Middle East & Africa (MEA)-10%,

The report provides a comprehensive analysis of company profiles listed below:

Hitachi Metals, Ltd. (Japan)

TDK Corporation (Japan)

Shin-Etsu Chemical Co., Ltd. (Japan)

Electron Energy Corporation (US)

Adams Magnetic Products Co., Inc. (US)

Bunting Magnetics Co. (US)

Tengam Engineering, Inc. (US)

Yantai Shougang Magnetic Materials Inc. (Japan)

Ningbo Yunsheng Co. Ltd. (China)

Chengdu Galaxy Magnets Co., Ltd. (China)

Goudsmit Magnetics (Netherlands)

Eclipse Magnetics (US)

Arnold Magnetic Technologies (US)

Research Coverage

This report covers the global Permanent magnet and forecasts the market size until 2026. It includes the following market segmentation-By magnet type (Neodymium Iron Boron Magnets, Ferrite Magnets, Samarium Cobalt Magnets, Alnico Magnets and Others), end-use (Consumer Electronics, General Industrial, Automotive, Medical Technology, Environment & Energy, Aerospace & Defense and Others), and Region (North America, Europe, APAC, MEA, South America) - Global Forecast to 2026. Porter's Five Forces Analysis, along with the drivers, restraints, opportunities, and challenges, have been discussed in the report. It also provides company profiles and competitive strategies adopted by the major players in the global Permanent magnet.

Key benefits of buying the report:

The report is expected to help market leaders/new entrants in this market in the following ways:

1. This report segments the global Permanent magnet comprehensively. It provides the closest approximations of the revenues for the overall market and the sub-segments across different verticals and regions.
2. The report helps stakeholders understand the pulse of the Permanent magnet and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to better their position in their businesses. The competitive landscape section includes the competitor ecosystem, new product development, expansion, and acquisition.

Reasons to buy the report:

The report will help leaders/new entrants in this market by providing them with the closest approximations of the revenues for the overall Permanent magnet and the sub-segments. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

Contents

1 INTRODUCTION

1.1 OBJECTIVES OF THE STUDY

1.2 MARKET DEFINITION

1.3 INCLUSIONS & EXCLUSIONS

1.4 MARKET SCOPE

FIGURE 1 PERMANENT MAGNET MARKET SEGMENTATION

1.4.1 REGIONS COVERED

1.4.2 YEARS CONSIDERED FOR STUDY

1.5 CURRENCY

1.6 UNIT CONSIDERED

1.7 LIMITATIONS

1.8 STAKEHOLDERS

1.9 SUMMARY OF CHANGES

2 RESEARCH METHODOLOGY

2.1 BASE NUMBER CALCULATION

2.1.1 SUPPLY-SIDE APPROACH 1

2.1.2 SUPPLY-SIDE APPROACH 2

2.1.3 DEMAND-SIDE APPROACH

2.2 FORECAST NUMBER CALCULATION

2.2.1 SUPPLY-SIDE

2.2.2 DEMAND-SIDE

2.3 RESEARCH DATA

2.3.1 SECONDARY DATA

2.3.1.1 Key data from secondary sources

2.3.2 PRIMARY DATA

2.3.2.1 Primary interviews – Top permanent magnet market

2.3.2.2 Key industry insights

2.3.2.3 Breakdown of primary interviews

2.4 MARKET SIZE ESTIMATION

2.4.1 BOTTOM-UP APPROACH

FIGURE 2 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

2.4.2 TOP-DOWN APPROACH

FIGURE 3 MARKET SIZE ESTIMATION: TOP-DOWN APPROACH

2.5 DATA TRIANGULATION

FIGURE 4 PERMANENT MAGNET MARKET: DATA TRIANGULATION

2.6 ASSUMPTIONS

2.7 LIMITATIONS

2.8 FACTOR ANALYSIS

2.9 LIMITATIONS & RISKS ASSOCIATED WITH THE PERMANENT MAGNET MARKET

3 EXECUTIVE SUMMARY

FIGURE 5 NEODYMIUM IRON BORON MAGNETS SEGMENT DOMINATED THE PERMANENT MAGNET MARKET IN 2020

FIGURE 6 THE CONSUMER ELECTRONICS END-USE INDUSTRY DOMINATED THE OVERALL MARKET IN 2020

FIGURE 7 CHINA TO LEAD THE GLOBAL PERMANENT MAGNET MARKET DURING THE FORECAST PERIOD

FIGURE 8 APAC DOMINATED THE PERMANENT MAGNET MARKET IN 2020

4 PREMIUM INSIGHTS

4.1 ATTRACTIVE OPPORTUNITIES IN THE PERMANENT MAGNET MARKET

FIGURE 9 HIGH DEMAND FROM CONSUMER ELECTRONICS AND AUTOMOTIVE END-USE INDUSTRIES TO DRIVE THE MARKET

4.2 PERMANENT MAGNET MARKET, BY TYPE

FIGURE 10 FERRITE MAGNETS SEGMENT DOMINATED THE OVERALL MARKET

4.3 PERMANENT MAGNET MARKET, BY END-USE INDUSTRY

FIGURE 11 CONSUMER ELECTRONICS SEGMENT LED THE DEMAND FOR PERMANENT MAGNET

4.4 PERMANENT MAGNET MARKET, BY KEY COUNTRIES

FIGURE 12 CHINA TO REGISTER THE HIGHEST CAGR DURING FORECAST PERIOD

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

5.2.1 DRIVERS

5.2.1.1 Development and modernization of infrastructure

5.2.1.2 Growing automotive industry in APAC

TABLE 1 AUTOMOTIVE PRODUCTION STATISTICS, BY REGION (2019)

5.2.1.3 Increasing demand for efficiency and miniaturization

5.2.1.4 Initiatives of associations and regulatory bodies

5.2.2 RESTRAINTS

5.2.2.1 Fluctuating raw material costs

5.2.2.2 Lack of quality control in developing countries

5.2.3 OPPORTUNITIES

5.2.3.1 Development of technologies

5.2.3.2 Rising demand for permanent magnets in hybrid electric vehicles

5.2.4 CHALLENGES

5.2.4.1 Huge investments required in R&D

5.3 PORTER'S FIVE FORCES ANALYSIS

5.3.1 BARGAINING POWER OF SUPPLIERS

5.3.2 BARGAINING POWER OF BUYERS

5.3.3 THREAT OF SUBSTITUTES

5.3.4 THREAT OF NEW ENTRANTS

5.3.5 INTENSITY OF COMPETITIVE RIVALRY

TABLE 2 PERMANENT MAGNET MARKET: PORTER'S FIVE FORCES ANALYSIS

5.4 TECHNOLOGY ANALYSIS

5.5 ECOSYSTEM: PERMANENT MAGNET MARKET

FIGURE 15 PERMANENT MAGNET MARKET ECOSYSTEM

5.6 VALUE CHAIN ANALYSIS

5.6.1 MINING & EXTRACTION

5.6.2 SEPARATION

5.6.3 MANUFACTURING

5.6.4 END-USERS

5.7 RAW MATERIAL SELECTION

5.8 IMPACT OF COVID-19

5.8.1 IMPACT OF COVID-19 ON THE AUTOMOTIVE INDUSTRY

5.9 SUPPLY CHAIN ANALYSIS

5.10 PERMANENT MAGNET MARKET: OPTIMISTIC, PESSIMISTIC, AND REALISTIC SCENARIO

TABLE 4 PERMANENT MAGNET MARKET: CAGR (BY VALUE) IN REALISTIC, PESSIMISTIC, AND OPTIMISTIC SCENARIO

5.10.1 OPTIMISTIC SCENARIO

5.10.2 PESSIMISTIC SCENARIO

5.10.3 REALISTIC SCENARIO

5.11 PRICING ANALYSIS

5.12 AVERAGE SELLING PRICE

TABLE 5 AVERAGE SELLING PRICE, BY TYPE

5.13 KEY MARKET FOR IMPORT/EXPORT

5.13.1 CHINA

5.13.2 US

5.13.3 GERMANY

5.13.4 NETHERLANDS

5.13.5 FRANCE

5.13.6 JAPAN

5.14 PATENT ANALYSIS

5.14.1 INTRODUCTION

5.14.2 METHODOLOGY

5.14.3 DOCUMENT TYPE

FIGURE 17 GLOBAL PATENT ANALYSIS, BY DOCUMENT TYPE, 2010–2020

FIGURE 18 PUBLICATION TRENDS, 2010–2020

5.14.4 INSIGHTS

FIGURE 19 PATENT JURISDICTION ANALYSIS, 2020

5.14.5 TOP APPLICANTS OF PATENTS

FIGURE 20 TOP APPLICANTS OF PATENTS

5.14.6 LIST OF PATENTS BY MITSUBISHI ELECTRIC CORPORATION

5.14.7 LIST OF PATENTS BY NITTO DENKO CORP.

5.14.8 LIST OF PATENTS BY SIEMENS AG

5.14.9 LIST OF PATENTS BY TDK CORPORATION

5.14.10 TOP TEN PATENT OWNERS (US) IN THE LAST 10 YEARS

5.15 CASE STUDY ANALYSIS

5.16 TARIFFS AND REGULATIONS

TABLE 6 CURRENT STANDARD CODES FOR PERMANENT MAGNETS

5.17 PERMANENT MAGNET MARKET: YC AND YCC SHIFT

6 PERMANENT MAGNET MARKET, BY TYPE

6.1 INTRODUCTION

FIGURE 21 NEODYMIUM IRON BORON MAGNET TO DOMINATE THE PERMANENT MAGNET MARKET BY 2026

6.1.1 PERMANENT MAGNET MARKET SIZE BY TYPE

TABLE 7 PERMANENT MAGNET MARKET SIZE, BY TYPE, 2017–2020 (USD MILLION)

TABLE 8 PERMANENT MAGNET MARKET SIZE, BY TYPE, 2017–2020 (KILOTON)

TABLE 9 PERMANENT MAGNET MARKET SIZE, BY TYPE, 2021–2026 (USD MILLION)

TABLE 10 PERMANENT MAGNET MARKET SIZE, BY TYPE, 2021–2026 (KILOTON)

6.2 NEODYMIUM IRON BORON MAGNETS

FIGURE 22 APAC TO BE THE LARGEST MARKET FOR NEODYMIUM IRON BORON PERMANENT MAGNETS

6.2.1 NEODYMIUM IRON BORON PERMANENT MAGNET MARKET SIZE, BY REGION

TABLE 11 NEODYMIUM IRON BORON PERMANENT MAGNET MARKET SIZE, BY REGION, 2017–2020 (USD MILLION)

TABLE 12 NEODYMIUM IRON BORON PERMANENT MAGNET MARKET SIZE, BY REGION, 2017–2020 (KILOTON)

TABLE 13 NEODYMIUM IRON BORON PERMANENT MAGNET MARKET SIZE, BY REGION, 2021–2026 (USD MILLION)

TABLE 14 NEODYMIUM IRON BORON PERMANENT MAGNET MARKET SIZE, BY REGION, 2021–2026 (KILOTON)

6.3 FERRITE MAGNETS

FIGURE 23 APAC TO BE THE LARGEST MARKET FOR FERRITE PERMANENT MAGNETS

6.3.1 FERRITE PERMANENT MAGNET MARKET SIZE, BY REGION

TABLE 15 FERRITE PERMANENT MAGNET MARKET SIZE, BY REGION, 2017–2020 (USD MILLION)

TABLE 16 FERRITE PERMANENT MAGNET MARKET SIZE, BY REGION, 2017–2020 (KILOTON)

TABLE 17 FERRITE PERMANENT MAGNET MARKET SIZE, BY REGION, 2021–2026 (USD MILLION)

TABLE 18 FERRITE PERMANENT MAGNET MARKET SIZE, BY REGION, 2021–2026 (KILOTON)

6.4 SAMARIUM COBALT MAGNETS

FIGURE 24 APAC TO BE THE LARGEST MARKET FOR SAMARIUM COBALT PERMANENT MAGNETS

6.4.1 SAMARIUM COBALT PERMANENT MAGNET MARKET SIZE, BY REGION

TABLE 19 SAMARIUM COBALT PERMANENT MAGNET MARKET SIZE, BY REGION, 2017–2020 (USD MILLION)

TABLE 20 SAMARIUM COBALT PERMANENT MAGNET MARKET SIZE, BY REGION, 2017–2020 (KILOTON)

TABLE 21 SAMARIUM COBALT PERMANENT MAGNET MARKET SIZE, BY REGION, 2021–2026 (USD MILLION)

TABLE 22 SAMARIUM COBALT PERMANENT MAGNET MARKET SIZE, BY REGION, 2021–2026 (KILOTON)

6.5 ALNICO MAGNETS

FIGURE 25 APAC TO BE THE LARGEST MARKET FOR ALNICO MAGNETS

6.5.1 ALNICO PERMANENT MAGNET MARKET SIZE, BY REGION

TABLE 23 ALNICO PERMANENT MAGNET MARKET SIZE, BY REGION, 2017–2020
(USD MILLION)

TABLE 24 ALNICO PERMANENT MAGNET MARKET SIZE, BY REGION, 2017–2020
(KILOTON)

TABLE 25 ALNICO PERMANENT MAGNET MARKET SIZE, BY REGION, 2021–2026
(USD MILLION)

TABLE 26 ALNICO PERMANENT MARKET SIZE, BY REGION, 2021–2026
(KILOTON)

6.6 OTHERS

TABLE 27 OTHER PERMANENT MAGNETS MARKET SIZE, BY REGION, 2017–2020
(USD MILLION)

TABLE 28 OTHER PERMANENT MAGNETS MARKET SIZE, BY REGION, 2017–2020
(KILOTON)

TABLE 29 OTHER PERMANENT MAGNETS MARKET SIZE, BY REGION, 2021–2026
(USD MILLION)

TABLE 30 OTHER PERMANENT MAGNETS MARKET SIZE, BY REGION, 2021–2026
(KILOTON)

6.6.1 INJECTION MOLDED MAGNET

6.6.2 FLEXIBLE MAGNET

6.6.3 COMPRESSION MOLDED MAGNET

7 PERMANENT MAGNET MARKET, BY END-USE INDUSTRY

7.1 INTRODUCTION

FIGURE 26 CONSUMER ELECTRONICS END-USE INDUSTRY TO WITNESS RAPID GROWTH DURING THE FORECAST PERIOD

7.1.1 PERMANENT MAGNET MARKET SIZE BY END-USE INDUSTRY

TABLE 31 PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (USD MILLION)

TABLE 32 PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (KILOTON)

TABLE 33 PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (USD MILLION)

TABLE 34 PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (KILOTON)

7.2 CONSUMER ELECTRONICS

FIGURE 27 APAC TO DOMINATE THE PERMANENT MAGNET MARKET IN CONSUMER ELECTRONICS INDUSTRY

7.2.1 PERMANENT MAGNET MARKET SIZE IN CONSUMER ELECTRONICS END-USE INDUSTRY, BY REGION

TABLE 35 PERMANENT MAGNET MARKET SIZE IN CONSUMER ELECTRONICS END-USE INDUSTRY, BY REGION, 2017–2020 (USD MILLION)

TABLE 36 PERMANENT MAGNET MARKET SIZE IN CONSUMER ELECTRONICS END-USE INDUSTRY, BY REGION, 2017–2020 (KILOTON)

TABLE 37 PERMANENT MAGNET MARKET SIZE IN CONSUMER ELECTRONICS END-USE INDUSTRY, BY REGION, 2021–2026 (USD MILLION)

TABLE 38 PERMANENT MAGNET MARKET SIZE IN CONSUMER ELECTRONICS END-USE INDUSTRY, BY REGION, 2021–2026 (KILOTON)

7.2.2 DC MOTORS

7.2.3 LOUDSPEAKERS

7.2.4 GENERATORS

7.3 GENERAL INDUSTRIAL

FIGURE 28 APAC TO LEAD THE PERMANENT MAGNET MARKET IN GENERAL INDUSTRIAL END-USE INDUSTRY

7.3.1 PERMANENT MAGNET MARKET SIZE IN GENERAL INDUSTRIAL END-USE INDUSTRY, BY REGION

TABLE 39 PERMANENT MAGNET MARKET SIZE IN GENERAL INDUSTRIAL END-USE INDUSTRY, BY REGION, 2017–2020 (USD MILLION)

TABLE 40 PERMANENT MAGNET MARKET SIZE IN GENERAL INDUSTRIAL END-USE INDUSTRY, BY REGION, 2017–2020 (KILOTON)

TABLE 41 PERMANENT MAGNET MARKET SIZE IN GENERAL INDUSTRIAL END-USE INDUSTRY, BY REGION, 2021–2026 (USD MILLION)

TABLE 42 PERMANENT MAGNET MARKET SIZE IN GENERAL INDUSTRIAL END-USE INDUSTRY, BY REGION, 2021–2026 (KILOTON)

7.3.2 MAGNETIC ASSEMBLIES

7.3.3 MAGNETIC SEPARATORS

7.4 AUTOMOTIVE

FIGURE 29 APAC TO REMAIN THE LARGEST PERMANENT MAGNET MARKET IN AUTOMOTIVE INDUSTRY

7.4.1 PERMANENT MAGNET MARKET SIZE IN AUTOMOTIVE END-USE INDUSTRY, BY REGION

TABLE 43 PERMANENT MAGNET MARKET SIZE IN AUTOMOTIVE END-USE INDUSTRY, BY REGION, 2017–2020 (USD MILLION)

TABLE 44 PERMANENT MAGNET MARKET SIZE IN AUTOMOTIVE END-USE INDUSTRY, BY REGION, 2017–2020 (KILOTON)

TABLE 45 PERMANENT MAGNET MARKET SIZE IN AUTOMOTIVE END-USE INDUSTRY, BY REGION, 2021–2026 (USD MILLION)

TABLE 46 PERMANENT MAGNET MARKET SIZE IN AUTOMOTIVE END-USE INDUSTRY, BY REGION, 2021–2026 (KILOTON)

7.4.2 MOTORS

7.4.3 SENSORS

7.4.4 SWITCHES

7.5 MEDICAL TECHNOLOGY

FIGURE 30 APAC TO LEAD THE PERMANENT MAGNET MARKET IN MEDICAL TECHNOLOGY END-USE INDUSTRY

7.5.1 PERMANENT MAGNET MARKET SIZE IN MEDICAL TECHNOLOGY END-USE INDUSTRY, BY REGION

TABLE 47 PERMANENT MAGNET MARKET SIZE IN MEDICAL TECHNOLOGY END-USE INDUSTRY, BY REGION, 2017–2020 (USD MILLION)

TABLE 48 PERMANENT MAGNET MARKET SIZE IN MEDICAL TECHNOLOGY END-USE INDUSTRY, BY REGION, 2017–2020 (KILOTON)

TABLE 49 PERMANENT MAGNET MARKET SIZE IN MEDICAL TECHNOLOGY END-USE INDUSTRY, BY REGION, 2021–2026 (USD MILLION)

TABLE 50 PERMANENT MAGNET MARKET SIZE IN MEDICAL TECHNOLOGY END-USE INDUSTRY, BY REGION, 2021–2026 (KILOTON)

7.5.2 SCANNING DEVICES

7.5.3 IMPLANTABLE DEVICES

7.6 ENVIRONMENT & ENERGY

TABLE 51 ESTIMATED NEW OFFSHORE WIND INSTALLATIONS, BY REGION, 2019–2030

7.6.1 PERMANENT MAGNET MARKET SIZE IN ENVIRONMENT & ENERGY END-USE INDUSTRY, BY REGION

TABLE 52 PERMANENT MAGNET MARKET SIZE IN ENVIRONMENT & ENERGY END-USE INDUSTRY, BY REGION, 2017–2020 (USD MILLION)

TABLE 53 PERMANENT MAGNET MARKET SIZE IN ENVIRONMENT & ENERGY END-USE INDUSTRY, BY REGION, 2017–2020 (KILOTON)

TABLE 54 PERMANENT MAGNET MARKET SIZE IN ENVIRONMENT & ENERGY END-USE INDUSTRY, BY REGION, 2021–2026 (USD MILLION)

TABLE 55 PERMANENT MAGNET MARKET SIZE IN ENVIRONMENT & ENERGY END-USE INDUSTRY, BY REGION, 2021–2026 (KILOTON)

7.6.2 WIND TURBINES

7.7 AEROSPACE & DEFENSE

TABLE 56 NUMBER OF NEW AIRPLANES REQUIRED, BY REGION, 2019–2038

7.7.1 PERMANENT MAGNET MARKET SIZE IN AEROSPACE & DEFENSE END-USE INDUSTRY, BY REGION

TABLE 57 PERMANENT MAGNET MARKET SIZE IN AEROSPACE & DEFENSE END-

USE INDUSTRY, BY REGION, 2017–2020 (USD MILLION)

TABLE 58 PERMANENT MAGNET MARKET SIZE IN AEROSPACE & DEFENSE END-USE INDUSTRY, BY REGION, 2017–2020 (KILOTON)

TABLE 59 PERMANENT MAGNET MARKET SIZE IN AEROSPACE & DEFENSE END-USE INDUSTRY, BY REGION, 2021–2026 (USD MILLION)

TABLE 60 PERMANENT MAGNET MARKET SIZE IN AEROSPACE & DEFENSE END-USE INDUSTRY, BY REGION, 2021–2026 (KILOTON)

7.7.2 ELECTRIC ENGINES

7.7.3 MAGNETIC BEARINGS

7.8 OTHERS

TABLE 61 PERMANENT MAGNET MARKET SIZE IN OTHER END-USE INDUSTRIES, BY REGION, 2017–2020 (USD MILLION)

TABLE 62 PERMANENT MAGNET MARKET SIZE IN OTHER END-USE INDUSTRIES, BY REGION, 2017–2020 (KILOTON)

TABLE 63 PERMANENT MAGNET MARKET SIZE IN OTHER END-USE INDUSTRIES, BY REGION, 2021–2026 (USD MILLION)

TABLE 64 PERMANENT MAGNET MARKET SIZE IN OTHER END-USE INDUSTRIES, BY REGION, 2021–2026 (KILOTON)

8 PERMANENT MAGNET MARKET, BY REGION

8.1 INTRODUCTION

FIGURE 31 CHINA TO BE FASTEST-GROWING PERMANENT MAGNET MARKET

8.1.1 PERMANENT MAGNET MARKET SIZE BY REGION

TABLE 65 PERMANENT MAGNET MARKET SIZE, BY REGION, 2017–2020 (USD MILLION)

TABLE 66 PERMANENT MAGNET MARKET SIZE, BY REGION, 2017–2020 (KILOTON)

TABLE 67 PERMANENT MAGNET MARKET SIZE, BY REGION, 2021–2026 (USD MILLION)

TABLE 68 PERMANENT MAGNET MARKET SIZE, BY REGION, 2021–2026 (KILOTON)

8.2 NORTH AMERICA

FIGURE 32 NORTH AMERICA: PERMANENT MAGNET MARKET SNAPSHOT

8.2.1 PERMANENT MAGNET MARKET SIZE IN NORTH AMERICA, BY TYPE

TABLE 69 NORTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY TYPE, 2017–2020 (USD MILLION)

TABLE 70 NORTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY TYPE, 2017–2020 (KILOTON)

TABLE 71 NORTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY TYPE, 2021–2026 (USD MILLION)

TABLE 72 NORTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY TYPE, 2021–2026 (KILOTON)

8.2.2 PERMANENT MAGNET MARKET SIZE IN NORTH AMERICA, BY END-USE INDUSTRY

TABLE 73 NORTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (USD MILLION)

TABLE 74 NORTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (KILOTON)

TABLE 75 NORTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (USD MILLION)

TABLE 76 NORTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (KILOTON)

8.2.3 PERMANENT MAGNET MARKET SIZE IN NORTH AMERICA, BY COUNTRY

TABLE 77 NORTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY COUNTRY, 2017–2020 (USD MILLION)

TABLE 78 NORTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY COUNTRY, 2017–2020 (KILOTON)

TABLE 79 NORTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY COUNTRY, 2021–2026 (USD MILLION)

TABLE 80 NORTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY COUNTRY, 2021–2026 (KILOTON)

8.2.3.1 US

8.2.3.1.1 Permanent magnet market size in US, by end-use industry

TABLE 81 US: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (USD MILLION)

TABLE 82 US: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (KILOTON)

TABLE 83 US: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (USD MILLION)

TABLE 84 US: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (KILOTON)

8.2.3.2 Canada

8.2.3.2.1 Permanent magnet market size in Canada, by end-use industry

TABLE 85 CANADA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (USD MILLION)

TABLE 86 CANADA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (KILOTON)

TABLE 87 CANADA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (USD MILLION)

TABLE 88 CANADA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (KILOTON)

8.2.3.3 Mexico

8.2.3.4 Permanent magnet market size in Mexico, by end-use industry

TABLE 89 MEXICO: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (USD MILLION)

TABLE 90 MEXICO: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (KILOTON)

TABLE 91 MEXICO: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (USD MILLION)

TABLE 92 MEXICO: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (KILOTON)

8.3 EUROPE

FIGURE 33 EUROPE: PERMANENT MAGNET MARKET SNAPSHOT

8.3.1 PERMANENT MAGNET MARKET SIZE IN EUROPE, BY TYPE

TABLE 93 EUROPE: PERMANENT MAGNET MARKET SIZE, BY TYPE, 2017–2020 (USD MILLION)

TABLE 94 EUROPE: PERMANENT MAGNET MARKET SIZE, BY TYPE, 2017–2020 (KILOTON)

TABLE 95 EUROPE: PERMANENT MAGNET MARKET SIZE, BY TYPE, 2021–2026 (USD MILLION)

TABLE 96 EUROPE: PERMANENT MAGNET MARKET SIZE, BY TYPE, 2021–2026 (KILOTON)

8.3.2 PERMANENT MAGNET MARKET SIZE IN EUROPE, BY END-USE INDUSTRY

TABLE 97 EUROPE: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (USD MILLION)

TABLE 98 EUROPE: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (KILOTON)

TABLE 99 EUROPE: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (USD MILLION)

TABLE 100 EUROPE: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (KILOTON)

8.3.3 PERMANENT MAGNET MARKET SIZE IN EUROPE, BY COUNTRY

TABLE 101 EUROPE: PERMANENT MAGNET MARKET SIZE, BY COUNTRY, 2017–2020 (USD MILLION)

TABLE 102 EUROPE: PERMANENT MAGNET MARKET SIZE, BY COUNTRY, 2017–2020 (KILOTON)

TABLE 103 EUROPE: PERMANENT MAGNET MARKET SIZE, BY COUNTRY, 2021–2026 (USD MILLION)

TABLE 104 EUROPE: PERMANENT MAGNET MARKET SIZE, BY COUNTRY, 2021–2026 (KILOTON)

8.3.3.1 Germany

8.3.3.1.1 Permanent magnet market size in Germany, by end-use industry

TABLE 105 GERMANY: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (USD MILLION)

TABLE 106 GERMANY: PERMANENT MAGNET AS MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (KILOTON)

TABLE 107 GERMANY: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (USD MILLION)

TABLE 108 GERMANY: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (KILOTON)

8.3.3.2 Russia

8.3.3.2.1 Permanent magnet market size in Russia, by end-use industry

TABLE 109 RUSSIA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (USD MILLION)

TABLE 110 RUSSIA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (KILOTON)

TABLE 111 RUSSIA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (USD MILLION)

TABLE 112 RUSSIA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (KILOTON)

8.3.3.3 UK

8.3.3.3.1 Permanent magnet market size in UK, by end-use industry

TABLE 113 UK: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (USD MILLION)

TABLE 114 UK: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (KILOTON)

TABLE 115 UK: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (USD MILLION)

TABLE 116 UK: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (KILOTON)

8.3.3.4 France

8.3.3.4.1 Permanent magnet market size in France, by end-use industry

TABLE 117 FRANCE: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (USD MILLION)

TABLE 118 FRANCE: PERMANENT MAGNET MARKET SIZE, BY END-USE

INDUSTRY, 2017–2020 (KILOTON)

TABLE 119 FRANCE: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (USD MILLION)

TABLE 120 FRANCE: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (KILOTON)

8.3.3.5 Italy

8.3.3.5.1 Permanent magnet market size in Italy, by end-use industry

TABLE 121 ITALY: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (USD MILLION)

TABLE 122 ITALY: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (KILOTON)

TABLE 123 ITALY: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (USD MILLION)

TABLE 124 ITALY: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (KILOTON)

8.3.3.6 Rest of Europe

TABLE 125 REST OF EUROPE: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (USD MILLION)

TABLE 126 REST OF EUROPE: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (KILOTON)

TABLE 127 REST OF EUROPE: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (USD MILLION)

TABLE 128 REST OF EUROPE: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (KILOTON)

8.4 APAC

FIGURE 34 APAC: PERMANENT MAGNET MARKET SNAPSHOT

8.4.1 PERMANENT MAGNET MARKET SIZE IN APAC, BY TYPE

TABLE 129 APAC: PERMANENT MAGNET MARKET SIZE, BY TYPE, 2017–2020 (USD MILLION)

TABLE 130 APAC: PERMANENT MAGNET MARKET SIZE, BY TYPE, 2017–2020 (KILOTON)

TABLE 131 APAC: PERMANENT MAGNET MARKET SIZE, BY TYPE, 2021–2026 (USD MILLION)

TABLE 132 APAC: PERMANENT MAGNET MARKET SIZE, BY TYPE, 2021–2026 (KILOTON)

8.4.2 PERMANENT MAGNET MARKET SIZE IN APAC, BY END-USE INDUSTRY

TABLE 133 APAC: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (USD MILLION)

TABLE 134 APAC: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY,

2017–2020 (KILOTON)

TABLE 135 APAC: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (USD MILLION)

TABLE 136 APAC: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (KILOTON)

8.4.3 PERMANENT MAGNET MARKET SIZE IN APAC, BY COUNTRY

TABLE 137 APAC: PERMANENT MAGNET MARKET SIZE, BY COUNTRY, 2017–2020 (USD MILLION)

TABLE 138 APAC: PERMANENT MAGNET MARKET SIZE, BY COUNTRY, 2017–2020 (KILOTON)

TABLE 139 APAC: PERMANENT MAGNET MARKET SIZE, BY COUNTRY, 2021–2026 (USD MILLION)

TABLE 140 APAC: PERMANENT MAGNET MARKET SIZE, BY COUNTRY, 2021–2026 (KILOTON)

8.4.3.1 China

8.4.3.1.1 Permanent magnet market size in China, by end-use industry

TABLE 141 CHINA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (USD MILLION)

TABLE 142 CHINA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (KILOTON)

TABLE 143 CHINA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (USD MILLION)

TABLE 144 CHINA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (KILOTON)

8.4.3.2 Japan

8.4.3.2.1 permanent magnet market size in Japan, by end-use industry

TABLE 145 JAPAN: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (USD MILLION)

TABLE 146 JAPAN: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (KILOTON)

TABLE 147 JAPAN: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (USD MILLION)

TABLE 148 JAPAN: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (KILOTON)

8.4.3.3 India

8.4.3.3.1 Permanent magnet market size in India, by end-use industry

TABLE 149 INDIA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (USD MILLION)

TABLE 150 INDIA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY,

2017–2020 (KILOTON)

TABLE 151 INDIA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (USD MILLION)

TABLE 152 INDIA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (KILOTON)

8.4.3.4 South Korea

8.4.3.4.1 Permanent magnet market size in South Korea, by end-use industry

TABLE 153 SOUTH KOREA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (USD MILLION)

TABLE 154 SOUTH KOREA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (KILOTON)

TABLE 155 SOUTH KOREA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (USD MILLION)

TABLE 156 SOUTH KOREA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (KILOTON)

8.4.3.5 Indonesia

8.4.3.5.1 permanent magnet market size in Indonesia, by end-use industry

TABLE 157 INDONESIA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (USD MILLION)

TABLE 158 INDONESIA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (KILOTON)

TABLE 159 INDONESIA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (USD MILLION)

TABLE 160 INDONESIA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (KILOTON)

8.4.3.6 Rest of APAC

TABLE 161 REST OF APAC: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (USD MILLION)

TABLE 162 REST OF APAC: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (KILOTON)

TABLE 163 REST OF APAC: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (USD MILLION)

TABLE 164 REST OF APAC: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (KILOTON)

8.5 MEA

8.5.1 PERMANENT MAGNET MARKET SIZE IN MEA, BY TYPE

TABLE 165 MEA: PERMANENT MAGNET MARKET SIZE, BY TYPE, 2017–2020 (USD MILLION)

TABLE 166 MEA: PERMANENT MAGNET MARKET SIZE, BY TYPE, 2017–2020

(KILOTON)

TABLE 167 MEA: PERMANENT MAGNET MARKET SIZE, BY TYPE, 2021–2026 (USD MILLION)

TABLE 168 MEA: PERMANENT MAGNET MARKET SIZE, BY TYPE, 2021–2026 (KILOTON)

8.5.2 PERMANENT MAGNET MARKET SIZE IN MEA, BY END-USE INDUSTRY

TABLE 169 MEA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (USD MILLION)

TABLE 170 MEA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (KILOTON)

TABLE 171 MEA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (USD MILLION)

TABLE 172 MEA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (KILOTON)

8.5.3 PERMANENT MAGNET MARKET SIZE IN MEA, BY COUNTRY

TABLE 173 MEA: PERMANENT MAGNET MARKET SIZE, BY COUNTRY, 2017–2020 (USD MILLION)

TABLE 174 MEA: PERMANENT MAGNET MARKET SIZE, BY COUNTRY, 2017–2020 (KILOTON)

TABLE 175 MEA: PERMANENT MAGNET MARKET SIZE, BY COUNTRY, 2021–2026 (USD MILLION)

TABLE 176 MEA: PERMANENT MAGNET MARKET SIZE, BY COUNTRY, 2021–2026 (KILOTON)

8.5.3.1 Saudi Arabia

8.5.3.1.1 Permanent magnet market size in Saudi Arabia, by end-use industry

TABLE 177 SAUDI ARABIA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (USD MILLION)

TABLE 178 SAUDI ARABIA: PERMANENT MAGNET AS MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (KILOTON)

TABLE 179 SAUDI ARABIA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (USD MILLION)

TABLE 180 SAUDI ARABIA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (KILOTON)

8.5.3.2 UAE

8.5.3.2.1 Permanent magnet market size in UAE, by end-use industry

TABLE 181 UAE: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (USD MILLION)

TABLE 182 UAE: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (KILOTON)

TABLE 183 UAE: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (USD MILLION)

TABLE 184 UAE: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (KILOTON)

8.5.3.3 South Africa

8.5.3.3.1 permanent magnet market size in South Africa, by end-use industry

TABLE 185 SOUTH AFRICA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (USD MILLION)

TABLE 186 SOUTH AFRICA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (KILOTON)

TABLE 187 SOUTH AFRICA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (USD MILLION)

TABLE 188 SOUTH AFRICA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (KILOTON)

8.5.3.4 Rest of MEA

TABLE 189 REST OF MEA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (USD MILLION)

TABLE 190 REST OF MEA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (KILOTON)

TABLE 191 REST OF MEA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (USD MILLION)

TABLE 192 REST OF MEA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (KILOTON)

8.6 SOUTH AMERICA

8.6.1 PERMANENT MAGNET MARKET SIZE IN SOUTH AMERICA, BY TYPE

TABLE 193 SOUTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY TYPE, 2017–2020 (USD MILLION)

TABLE 194 SOUTH AM: PERMANENT MAGNET MARKET SIZE, BY TYPE, 2017–2020 (KILOTON)

TABLE 195 SOUTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY TYPE, 2021–2026 (USD MILLION)

TABLE 196 SOUTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY TYPE, 2021–2026 (KILOTON)

8.6.2 PERMANENT MAGNET MARKET SIZE IN SOUTH AMERICA, BY END-USE INDUSTRY

TABLE 197 SOUTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (USD MILLION)

TABLE 198 SOUTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (KILOTON)

TABLE 199 SOUTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (USD MILLION)

TABLE 200 SOUTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (KILOTON)

8.6.3 PERMANENT MAGNET MARKET SIZE IN SOUTH AMERICA, BY COUNTRY

TABLE 201 SOUTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY COUNTRY, 2017–2020 (USD MILLION)

TABLE 202 SOUTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY COUNTRY, 2017–2020 (KILOTON)

TABLE 203 SOUTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY COUNTRY, 2021–2026 (USD MILLION)

TABLE 204 SOUTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY COUNTRY, 2021–2026 (KILOTON)

8.6.3.1 Brazil

8.6.3.1.1 Permanent magnet market size in Brazil, by end-use industry

TABLE 205 BRAZIL: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (USD MILLION)

TABLE 206 BRAZIL: PERMANENT MAGNET AS MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (KILOTON)

TABLE 207 BRAZIL: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (USD MILLION)

TABLE 208 BRAZIL: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (KILOTON)

8.6.3.2 Argentina

8.6.3.2.1 Permanent magnet market size in Argentina, by end-use industry

TABLE 209 ARGENTINA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (USD MILLION)

TABLE 210 ARGENTINA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (KILOTON)

TABLE 211 ARGENTINA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (USD MILLION)

TABLE 212 ARGENTINA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2021–2026 (KILOTON)

8.6.3.3 Rest of South America

TABLE 213 REST OF SOUTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (USD MILLION)

TABLE 214 REST OF SOUTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2017–2020 (KILOTON)

TABLE 215 REST OF SOUTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY

END-USE INDUSTRY, 2021–2026 (USD MILLION)

TABLE 216 REST OF SOUTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY
END-USE INDUSTRY, 2021–2026 (KILOTON)

9 COMPETITIVE LANDSCAPE

9.1 INTRODUCTION

FIGURE 35 EXPANSION IS THE KEY GROWTH STRATEGIES ADOPTED BETWEEN

2016 TO 2021

9.2 MARKET SHARE ANALYSIS

9.3 MARKET RANKING

FIGURE 37 RANKING OF TOP FIVE PLAYERS IN THE PERMANENT MAGNET
MARKET

9.4 MARKET EVALUATION FRAMEWORK

TABLE 218 PERMANENT MAGNET MARKET: NEW PRODUCT
LAUNCH/DEVELOPMENT, 2016–2020

TABLE 219 PERMANENT MAGNET MARKET: DEALS, 2016–2020

TABLE 220 PERMANENT MAGNET MARKET: OTHER DEVELOPMENTS, 2016–2020

9.5 REVENUE ANALYSIS OF TOP MARKET PLAYERS

9.6 COMPANY EVALUATION MATRIX

9.6.1 STAR

9.6.2 PERVASIVE

9.6.3 PARTICIPANTS

9.6.4 EMERGING LEADERS

FIGURE 38 PERMANENT MAGNET MARKET (GLOBAL) COMPETITIVE LEADERSHIP
MAPPING, 2020

9.6.5 STRENGTH OF PRODUCT PORTFOLIO

FIGURE 39 PRODUCT PORTFOLIO ANALYSIS OF TOP PLAYERS IN PERMANENT
MAGNET MARKET

9.6.6 BUSINESS STRATEGY EXCELLENCE

FIGURE 40 BUSINESS STRATEGY EXCELLENCE OF TOP PLAYERS IN
PERMANENT MAGNET MARKET

FIGURE 41 PERMANENT MAGNET MARKET: SMALL AND MEDIUM-SIZED
ENTERPRISES MAPPING, 2020

10 COMPANY PROFILES

(Business Overview, Products Offered, Recent Developments, SWOT Analysis, MnM View)*

10.1 KEY COMPANIES

10.1.1 HITACHI METALS, LTD.

FIGURE 42 HITACHI METALS, LTD.: COMPANY SNAPSHOT

10.1.2 ARNOLD MAGNETIC TECHNOLOGIES

TABLE 226 ARNOLD MAGNETIC TECHNOLOGIES: COMPANY OVERVIEW

10.1.3 YANTAI SHOUGANG MAGNETIC MATERIALS INC.

TABLE 227 YANTAI SHOUGANG MAGNETIC MATERIALS INC.: COMPANY OVERVIEW

10.1.4 TDK CORP.

TABLE 228 TDK CORP.: COMPANY OVERVIEW

FIGURE 43 TDK CORP.: COMPANY SNAPSHOT

10.1.5 SHIN-ETSU CHEMICAL CO., LTD.

TABLE 229 SHIN-ETSU CHEMICAL CO., LTD.: COMPANY OVERVIEW

FIGURE 44 SHIN-ETSU CHEMICAL CO., LTD.: COMPANY SNAPSHOT

10.1.6 ELECTRON ENERGY CORPORATION

TABLE 230 ELECTRON ENERGY CORPORATION: COMPANY OVERVIEW

10.1.7 ADAMS MAGNETIC PRODUCTS CO., INC.

TABLE 231 ADAMS MAGNETIC PRODUCTS CO., INC.: COMPANY OVERVIEW

10.1.8 BUNTING MAGNETICS CO.

TABLE 232 BUNTING MAGNETICS CO.: COMPANY OVERVIEW

10.1.9 TENGAM ENGINEERING, INC.

TABLE 233 TENGAM ENGINEERING, INC.: COMPANY OVERVIEW

10.1.10 NINGBO YUNSHENG CO., LTD.

TABLE 234 NINGBO YUNSHENG CO., LTD.: COMPANY OVERVIEW

10.1.11 CHENGDU GALAXY MAGNETS CO. LTD.

TABLE 235 CHENGDU GALAXY MAGNETS CO. LTD.: COMPANY OVERVIEW

10.1.12 GOUDSMIT MAGNETICS

TABLE 236 GOUDSMIT MAGNETICS: COMPANY OVERVIEW

10.2 OTHER PLAYERS

10.2.1 ECLIPSE MAGNETICS

10.2.2 EARTH-PANDA ADVANCE MAGNETIC MATERIAL CO., LTD.

10.2.3 HANGZHOU PERMANENT MAGNET GROUP

10.2.4 JPMF GUANGDONG CO., LTD.

10.2.5 NINGGANG PERMANENT MAGNETIC MATERIALS CO. LTD.

10.2.6 THOMAS AND SKINNER INC.

10.2.7 MAGX AMERICA, INC.

10.2.8 MAGNUM MAGNETICS CORPORATION

- 10.2.9 YANTAI ZHENGHAI MATERIAL CO., LTD.
- 10.2.10 INTERMETALLICS JAPAN CORPORATION
- 10.2.11 NINGBO CO-STAR MATERIALS HI-TECH CO., LTD.
- 10.2.12 RISHENG MAGNETS INTERNATIONAL CO., LTD.
- 10.2.13 MOLYCORP MAGNEQUENCH
- 10.2.14 VACUUMSCHMELZE GMBH & CO., KG
- 10.2.15 PERMANENT MAGNETS LTD.

*Details on Business Overview, Products Offered, Recent Developments, SWOT Analysis, MnM View might not be captured in case of unlisted companies.

11 APPENDIX

- 11.1 DISCUSSION GUIDE
- 11.2 KNOWLEDGE STORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL
- 11.3 AVAILABLE CUSTOMIZATIONS
- 11.4 RELATED REPORTS
- 11.5 AUTHOR DETAILS

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