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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) - Global Forecast to 2021

“Global permanent magnet market projected to register a CAGR of 8.8%”

The global permanent magnet market is projected to reach USD 22.67 billion by 2021, at a CAGR of 8.8% from 2016 to 2021. The growing trend of modernization and electrification to improve efficiency in various applications such as switches, lifts, and sensors is driving the use of permanent magnets globally. The factor restraining the growth of this market is the fluctuating cost of raw materials.

“Neodymium iron boron magnet to be the largest type in the global permanent magnet market”

The market for neodymium iron boron magnet is projected to be the largest segment by type in the global permanent magnet market from 2016 to 2021. Neodymium iron boron magnet is the most widely used permanent magnet because of its enhanced properties such as high heat resistance, coercivity, and remanence. Moreover, the rising demand from the automotive and consumer electronics industries is also fueling the growth of neodymium iron boron magnet segment in the permanent magnet market.

“Consumer electronics to be the largest end-use industry of the permanent magnet market during the forecast period”

Consumer electronics is expected to be the largest end-use industry segment of the global permanent magnet market from 2016 to 2021. The growing demand for consumer electronics products such as printers, fax machines, and scanners is fueling the growth of the permanent magnet market. Moreover, continuing economic development and increasing disposable income levels are also driving the global permanent magnet market in the consumer electronics industry.

“Asia-Pacific to be the largest permanent magnet market during the forecast period”

The Asia-Pacific region is the largest permanent magnet market. Strong economic development and substantial investments in industries such as automotive, consumer electronics, and environment & energy are driving the demand for permanent magnet. With economic contraction and saturation in the European and North American markets, the demand is shifting to the Asia-Pacific region. Moreover, the low cost of production is also propelling the growth of permanent magnets in this region.

Breakdown of profiles of primary interviews for the report

• By Company Type: Tier 1 - 30%, Tier 2 - 43%, and Tier 3 - 27%
• By Designation: C Level - 21%, Director Level - 23%, and Others - 56%
• By Region: North America - 37%, Europe - 23%, Asia-Pacific - 26%, and RoW - 14%
Some of the key companies profiled in this report are Hitachi Metals, Ltd. (Japan), Daido Steel Co., Ltd. (Japan), TDK Corporation (Japan), Shin-etsu Chemical Co., Ltd. (Japan), Arnold Magnetic Technologies (U.S.), Lynas Corporation Ltd. (Australia), Electron Energy Corporation (U.S.), Tengam Engineering, Inc. (U.S.), Adams Magnetic Products Co., Inc. (U.S.), and Bunting Magnetics Co. (U.S.), among others.

Study Coverage

The report is segmented based on type, end-use industry, and region. The major types covered in this report are neodymium iron boron magnet, ferrite magnet, samarium cobalt magnet, alnico magnet, and others. The end-use industry includes consumer electronics, general industrial, automotive, medical technology, environment & energy, aerospace & defense, and others. The market is also segmented based on regions into Asia-Pacific, Europe, North America, South America, and Middle East & Africa.

Key Benefits

This report covers the following studies which will benefit the client:

- Market segmentation based on type, end-use industry, and region
- Market dynamics including drivers, restraints, and opportunities
- Value chain analysis
- Porter's Five Forces Analysis
- Profile of the key players in the global permanent magnet market

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Table Of Contents for 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) - Global Forecast to 2021

- TABLE OF CONTENTS
  - INTRODUCTION 161.1
  - OBJECTIVES OF THE STUDY 161.2
  - MARKET DEFINITION 161.3
  - SCOPE OF THE STUDY 171.3.1
  - YEARS CONSIDERED FOR THE STUDY 181.4
  - CURRENCY 181.5
  - PACKAGE SIZE 181.6
  - LIMITATIONS 181.7
  - STAKEHOLDERS 182
  - RESEARCH METHODOLOGY 192.1
  - RESEARCH DATA 192.1.1
  - SECONDARY DATA 202.1.1
  - Key data from secondary sources 202.1.2
  - PRIMARY DATA 212.1.2.1
  - Key data from primary sources 212.1.2.2
  - Key industry insights 222.1.2.3
  - Breakdown of primary interviews 222.2
  - MARKET SIZE ESTIMATION 232.2.1
  - BOTTOM-UP APPROACH 232.2.2
  - TOP DOWN APPROACH 242.3
  - DATA TRIANGULATION 252.4
  - RESEARCH ASSUMPTIONS 263
  - EXECUTIVE SUMMARY 274
  - PREMIUM INSIGHTS 304.1
  - SIGNIFICANT OPPORTUNITIES IN THE PERMANENT MAGNET MARKET 304.2
  - PERMANENT MAGNET MARKET, BY REGION 314.3
  - PERMANENT MAGNET MARKET IN ASIA-PACIFIC, BY COUNTRY AND TYPE 314.4
  - PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2016 VS. 2021 324.5
  - MARKET OVERVIEW 334.6
  - IMPACT ANALYSIS 374.7
  - TRIWANGULATION 425.8
  - MARKET SIZE ESTIMATION 425.9
  - SECONDARY DATA 505.10
  - SCOPE OF THE STUDY 515.11
  - INTRODUCTION 635.12
  - EXECUTIVE SUMMARY 645.13
  - PERMANENT MAGNET MARKET, BY TYPE 755.14
  - PERMANENT MAGNET MARKET, BY END-USE INDUSTRY 855.15
  - MARKET, BY REGION 905.16
  - NORTH AMERICA 965.17
  - ASIA-PACIFIC 975.18
  - INDIAN 985.19
  - SUMMARY 995.20

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9.3.3 NORTH AMERICAN PERMANENT MAGNET MARKET, BY COUNTRY 100
9.3.3.1 U.S. 100
9.3.3.2 Canada 102
9.3.3.3 Mexico 103

9.4 EUROPE 104
9.4.1 EUROPEAN PERMANENT MAGNET MARKET, BY TYPE 106
9.4.2 EUROPE PERMANENT MAGNET MARKET, BY END-USE INDUSTRY 107
9.4.3 EUROPEAN PERMANENT MAGNET MARKET, BY COUNTRY 108
9.4.3.1 Germany 109
9.4.3.2 Russia 110
9.4.3.3 U.K. 111
9.4.3.4 France 112
9.4.3.5 Italy 113
9.4.3.6 Spain 114
9.4.3.7 Czech Republic 115
9.4.3.8 Poland 116
9.4.3.9 Germany 117
9.4.3.10 France 118
9.4.3.11 U.K. 119
9.4.3.12 Russia 120
9.4.3.13 France 121

9.5 MIDDLE EAST & AFRICA 115
9.5.1 MIDDLE EAST & AFRICA PERMANENT MAGNET MARKET, BY TYPE 115
9.5.2 MIDDLE EAST & AFRICA PERMANENT MAGNET MARKET, BY END-USE INDUSTRY 116
9.5.3 MIDDLE EAST & AFRICA PERMANENT MAGNET MARKET, BY COUNTRY 117
9.5.3.1 Saudi Arabia 118
9.5.3.2 Qatar 119
9.5.3.3 UAE 120
9.5.3.4 South Africa 121
9.5.3.5 Middle East 122

9.6 SOUTH AMERICA 121
9.6.1 SOUTH AMERICAN PERMANENT MAGNET MARKET, BY TYPE 122
9.6.2 SOUTH AMERICAN PERMANENT MAGNET MARKET, BY END-USE INDUSTRY 123
9.6.3 SOUTH AMERICAN PERMANENT MAGNET MARKET, BY COUNTRY 124
9.6.3.1 Brazil 125
9.6.3.2 Argentina 126

10 COMPETITIVE LANDSCAPE 127
10.1 OVERVIEW 127
10.2 MARKET SHARE OF MAJOR PLAYERS 129
10.2.1 TDK CORPORATION 130
10.2.2 SHIN-ETSU CHEMICAL CO., LTD. 130
10.3 COMPETITIVE BENCHMARKING 131
10.4 COMPETITIVE SITUATION AND TRENDS 132
10.4.1 EXPANSIONS 132
10.4.2 NEW PRODUCT LAUNCHES 133
10.4.3 MERGERS & ACQUISITIONS 134
10.4.4 JOINT VENTURES 134
10.4.5 PARTNERSHIPS & COLLABORATIONS 135

11 COMPANY PROFILES 136
11.1 HITACHI METALS, LTD. 136
11.2 DAIDO STEEL CO., LTD. 139
11.3 TDK CORPORATION 142
11.4 SHIN-ETSU CHEMICAL CO., LTD. 145
11.5 ARNOLD MAGNETIC TECHNOLOGIES 148
11.6 LYNAS CORPORATION LTD. 151
11.7 ELECTRON ENERGY CORPORATION 153
11.8 TENGAM ENGINEERING, INC. 153
11.9 ADAMS MAGNETIC PRODUCTS CO., INC. 154
11.10 BUNTING MAGNETICS CO. 155
11.11 YANTAI SHOUUGANG MAGNETIC MATERIALS INC. 156
11.12 GALAXY MAGNETS 157
11.13 OTHER KEY MARKET PLAYERS 158
11.13.1 NINGBO YUNSHENG CO. LTD. (CHINA) 158
11.13.2 ANHUI EARTH-PANDA ADVANCE MAGNETIC MATERIAL CO., LTD. (CHINA) 158
11.13.3 ECLIPSE MAGNETICS (U.K.) 158
11.13.4 GOUDSMIT MAGNETICS (NETHERLANDS) 158
11.13.5 HANGZHOU PERMANENT MAGNET GROUP (CHINA) 158
11.13.6 JPMF GUANGDONG CO., LTD. (CHINA) 158
11.13.7 NINGGANG PERMANENT MAGNETIC MATERIALS CO. LTD. (CHINA) 158
11.13.8 THOMAS & SKINNER INC. (U.S.) 159
11.13.9 MAGX AMERICA, INC. (U.S.) 159
11.13.10 MAGNUM MAGNETICS CORPORATION (U.S.) 159
11.13.11 YANTAI ZHENGHAI MATERIAL CO., LTD. (CHINA) 159
11.13.12 INTERMETALLICS JAPAN CORPORATION (JAPAN) 159
11.13.13 NINGBO CO-STAR MATERIALS HI-TECH CO., LTD. (CHINA) 159
11.13.14 RISHENG MAGNETS INTERNATIONAL CO., LTD. (CHINA) 159
11.13.15 SANVAC (BEIJING) MAGNETICS CO., LTD. (CHINA) 159
11.13.16 MOLYCORP MAGNEQUENCH (CANADA) 159
11.13.17 VACUUMSCHMELZE GMBH & CO., KG (GERMANY) 160
11.13.18 ZHONG KE SAN HUAN (CHINA) 160

Details might not be captured in case of unlisted companies.12 APPENDIX 161
12.1 INSIGHTS FROM INDUSTRY EXPERTS 161
12.2 DISCUSSION GUIDE 162
12.3 KNOWLEDGE STORE: MARKETSANDMARKETS SUBSCRIPTION PORTAL 165
12.4 INTRODUCING RT: REAL TIME MARKET INTELLIGENCE 167
12.5 AVAILABLE CUSTOMIZATIONS 168
12.6 RELATED REPORTS 168
12.7 AUTHOR DETAILS 169
List Of Tables in 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) - Global Forecast to 2021

LIST OF TABLES

TABLE 1 PERMANENT MAGNET MARKET, BY TYPE 35
TABLE 2 PERMANENT MAGNET MARKET, BY END-USE INDUSTRY 36
TABLE 3 PERMANENT MAGNET MARKET, BY REGION 37
TABLE 4 AVERAGE PRICE OF PERMANENT MAGNET (USD/KG) 46
TABLE 5 VEHICLES PRODUCTION, BY COUNTRY, 2011-2015 (THOUSAND UNIT) 48
TABLE 6 HEALTHCARE EXPENDITURE, PERCENTAGE OF GDP, BY COUNTRY, 2010-2014 49
TABLE 7 PERMANENT MAGNET MARKET SIZE, BY TYPE, 2014-2021 (USD MILLION) 51
TABLE 8 PERMANENT MAGNET MARKET SIZE, BY TYPE, 2014-2021 (KILOTON) 52
TABLE 9 ASIA-PACIFIC DOMINATES NEODYMIUM IRON BORON MAGNETS MARKET DURING FORECAST PERIOD 53
TABLE 10 NEODYMIUM IRON BORON PERMANENT MAGNET MARKET SIZE, BY REGION, 2014-2021 (USD MILLION) 53
TABLE 11 NEODYMIUM IRON BORON PERMANENT MAGNET MARKET SIZE, BY REGION, 2014-2021 (KILOTON) 54
TABLE 12 FERRITE PERMANENT MAGNET MARKET SIZE, BY REGION, 2014-2021 (USD MILLION) 55
TABLE 13 FERRITE PERMANENT MAGNET MARKET SIZE, BY REGION, 2014-2021 (KILOTON) 55
TABLE 14 ASIA-PACIFIC TO BE THE LARGEST SAMARIUM COBALT MAGNETS MARKET BETWEEN 2016 AND 2021 56
TABLE 15 SAMARIUM COBALT PERMANENT MAGNET MARKET SIZE, BY REGION, 2014-2021 (USD MILLION) 57
TABLE 16 SAMARIUM COBALT PERMANENT MAGNET MARKET SIZE, BY REGION, 2014-2021 (KILOTON) 57
TABLE 17 ALNICO PERMANENT MAGNET MARKET SIZE, BY REGION, 2014-2021 (USD MILLION) 59
TABLE 18 ALNICO PERMANENT MAGNET MARKET SIZE, BY REGION, 2014-2021 (KILOTON) 59
TABLE 19 OTHER PERMANENT MAGNET MARKET SIZE, BY REGION, 2014-2021 (USD MILLION) 60
TABLE 20 OTHER PERMANENT MAGNET MARKET SIZE, BY REGION, 2014-2021 (KILOTON) 61
TABLE 21 PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2014-2021 (USD MILLION) 63
TABLE 22 PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2014-2021 (KILOTON) 64
TABLE 23 PERMANENT MAGNET MARKET SIZE IN CONSUMER ELECTRONICS INDUSTRY, BY REGION, 2014-2021 (USD MILLION) 66
TABLE 24 PERMANENT MAGNET MARKET SIZE IN CONSUMER ELECTRONICS INDUSTRY, BY REGION, 2014-2021 (KILOTON) 66
TABLE 25 PERMANENT MAGNET MARKET SIZE IN GENERAL INDUSTRIAL, BY REGION, 2014-2021 (USD MILLION) 68
TABLE 26 PERMANENT MAGNET MARKET SIZE IN GENERAL INDUSTRIAL, BY REGION, 2014-2021 (KILOTON) 69
TABLE 27 PERMANENT MAGNET MARKET SIZE IN AUTOMOTIVE INDUSTRY, BY REGION, 2014-2021 (USD MILLION) 70
TABLE 28 PERMANENT MAGNET MARKET SIZE IN AUTOMOTIVE INDUSTRY, BY REGION, 2014-2021 (KILOTON) 71
TABLE 29 PERMANENT MAGNET MARKET SIZE IN MEDICAL TECHNOLOGY INDUSTRY, BY REGION, 2014-2021 (USD MILLION) 72
TABLE 30 PERMANENT MAGNET MARKET SIZE IN MEDICAL TECHNOLOGY INDUSTRY, BY REGION, 2014-2021 (KILOTON) 73
TABLE 31 PERMANENT MAGNET MARKET SIZE IN ENVIRONMENT & ENERGY INDUSTRY, BY REGION, 2014-2021 (USD MILLION) 74
TABLE 32 PERMANENT MAGNET MARKET SIZE IN ENVIRONMENT & ENERGY INDUSTRY, BY REGION, 2014-2021 (KILOTON) 75
TABLE 33 PERMANENT MAGNET MARKET SIZE IN AEROSPACE & DEFENSE INDUSTRY, BY REGION, 2014-2021 (USD MILLION) 76
TABLE 34 PERMANENT MAGNET MARKET SIZE IN AEROSPACE & DEFENSE INDUSTRY, BY REGION, 2014-2021 (KILOTON) 77
2014–2021 (KILOTON) 98

TABLE 53 NORTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2014–2021 (USD MILLION) 99

TABLE 54 NORTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2014–2021 (KILOTON) 99

TABLE 55 NORTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY COUNTRY, 2014–2021 (USD MILLION) 100

TABLE 56 NORTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY COUNTRY, 2014–2021 (KILOTON) 100

TABLE 57 U.S.: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2014–2021 (USD MILLION) 101

TABLE 58 U.S.: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2014–2021 (KILOTON) 101

TABLE 59 CANADA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2014–2021 (USD MILLION) 102

TABLE 60 CANADA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2014–2021 (KILOTON) 102

TABLE 61 MEXICO: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2014–2021 (USD MILLION) 103

TABLE 62 MEXICO: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2014–2021 (KILOTON) 104

TABLE 63 EUROPE: PERMANENT MAGNET MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION) 106

TABLE 64 EUROPE: PERMANENT MAGNET MARKET SIZE, BY TYPE, 2014–2021 (KILOTON) 106

TABLE 65 EUROPE: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2014–2021 (USD MILLION) 107

TABLE 66 EUROPE: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2014–2021 (KILOTON) 107

TABLE 67 EUROPE: PERMANENT MAGNET MARKET SIZE, BY COUNTRY, 2014–2021 (USD MILLION) 108

TABLE 68 EUROPE: PERMANENT MAGNET MARKET SIZE, BY COUNTRY, 2014–2021 (KILOTON) 108
TABLE 69 GERMANY: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2014–2021 (USD MILLION) 109

TABLE 70 GERMANY: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2014–2021 (KILOTON) 110

TABLE 71 RUSSIA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2014–2021 (USD MILLION) 110

TABLE 72 RUSSIA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2014–2021 (KILOTON) 111

TABLE 73 U.K.: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2014–2021 (USD MILLION) 112

TABLE 74 U.K.: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2014–2021 (KILOTON) 112

TABLE 75 MIDDLE EAST & AFRICA: PERMANENT MAGNET MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION) 115

TABLE 76 MIDDLE EAST & AFRICA: PERMANENT MAGNET MARKET SIZE, BY TYPE, 2014–2021 (KILOTON) 116

TABLE 77 MIDDLE EAST & AFRICA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2014–2021 (USD MILLION) 116

TABLE 78 MIDDLE EAST & AFRICA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2014–2021 (KILOTON) 117

TABLE 79 MIDDLE EAST & AFRICA: PERMANENT MAGNET MARKET SIZE, BY COUNTRY, 2014–2021 (USD MILLION) 117

TABLE 80 MIDDLE EAST & AFRICA: PERMANENT MAGNET MARKET SIZE, BY COUNTRY, 2014–2021 (KILOTON) 118

TABLE 81 SAUDI ARABIA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2014–2021 (USD MILLION) 118

TABLE 82 SAUDI ARABIA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2014–2021 (KILOTON) 119

TABLE 83 QATAR: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2014–2021 (USD MILLION) 119

TABLE 84 QATAR: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2014–2021 (KILOTON) 120

TABLE 85 SOUTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION) 122
TABLE 86 SOUTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY TYPE, 2014–2021 (KILOTON) 122

TABLE 87 SOUTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2014–2021 (USD MILLION) 123

TABLE 88 SOUTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2014–2021 (KILOTON) 123

TABLE 89 SOUTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY COUNTRY, 2014–2021 (USD MILLION) 124

TABLE 90 SOUTH AMERICA: PERMANENT MAGNET MARKET SIZE, BY COUNTRY, 2014–2021 (KILOTON) 124

TABLE 91 BRAZIL: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2014–2021 (USD MILLION) 125

TABLE 92 BRAZIL: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2014–2021 (KILOTON) 125

TABLE 93 ARGENTINA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2014–2021 (USD MILLION) 126

TABLE 94 ARGENTINA: PERMANENT MAGNET MARKET SIZE, BY END-USE INDUSTRY, 2014–2021 (KILOTON) 126

TABLE 95 BRANDS IN THE PERMANENT MAGNET MARKET 131

TABLE 96 EXPANSIONS, 2012–2016 132

TABLE 97 NEW PRODUCT LAUNCHES, 2012–2016 133

TABLE 98 MERGERS & ACQUISITIONS, 2012–2016 134

TABLE 99 JOINT VENTURES, 2012–2016 134

TABLE 100 PARTNERSHIPS & COLLABORATIONS, 2012–2016 135
List Of Figures, Charts and Diagrams in 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) - Global Forecast to 2021

LIST OF FIGURES

FIGURE 1 PERMANENT MAGNET: MARKET SEGMENTATION 17
FIGURE 2 PERMANENT MAGNET MARKET: RESEARCH DESIGN 19
FIGURE 3 KEY INDUSTRY INSIGHTS 22
FIGURE 4 MARKET SIZE ESTIMATION: BOTTOM-UP APPROACH 23
FIGURE 5 MARKET SIZE ESTIMATION: TOP-DOWN APPROACH 24
FIGURE 6 PERMANENT MAGNET MARKET: DATA TRIANGULATION 25
FIGURE 7 NEODYMIUM IRON BORON MAGNETS TO DOMINATE THE PERMANENT MAGNET MARKET BETWEEN 2016 AND 2021 27
FIGURE 8 CONSUMER ELECTRONICS INDUSTRY TO DOMINATE THE PERMANENT MAGNET MARKET BETWEEN 2016 AND 2021 28
FIGURE 9 PERMANENT MAGNET MARKET IN SOUTH AMERICA TO REGISTER HIGHEST CAGR BETWEEN 2016 AND 2021 29
FIGURE 10 PERMANENT MAGNET MARKET TO WITNESS HIGH GROWTH BETWEEN 2016 AND 2021 30
FIGURE 11 ASIA-PACIFIC TO BE THE BIGGEST PERMANENT MAGNET MARKET BETWEEN 2016 AND 2021 31
FIGURE 12 NEODYMIUM IRON BORON MAGNETS DOMINATES ASIA-PACIFIC MARKET 31
FIGURE 13 CONSUMER ELECTRONICS INDUSTRY DOMINATES PERMANENT MAGNET MARKET 32
FIGURE 14 OVERVIEW OF FACTORS GOVERNING THE PERMANENT MAGNET MARKET 37
FIGURE 15 VALUE CHAIN: PERMANENT MAGNET MARKET 42
FIGURE 16 PERMANENT MAGNET MARKET: PORTER’S FIVE FORCES ANALYSIS 44
FIGURE 17 ASIA-PACIFIC RECORDED HIGHEST NUMBER OF VEHICLES PRODUCED IN 2015 47
FIGURE 18 NEODYMIUM IRON BORON MAGNETS TO DOMINATE THE PERMANENT MAGNET MARKET BETWEEN 2016 AND 2021 51

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FIGURE 45 EXPANSION WAS THE MOST PREFERRED GROWTH STRATEGY ADOPTED BY MAJOR PLAYERS BETWEEN 2012 AND 2016 128

FIGURE 46 KEY GROWTH STRATEGIES IN THE PERMANENT MAGNET MARKET, 2012-2016 129

FIGURE 47 TDK CORPORATION IS THE LEADING PLAYER IN THE GLOBAL PERMANENT MAGNET MARKET 130

FIGURE 48 HITACHI METALS, LTD.: COMPANY SNAPSHOT 136

FIGURE 49 HITACHI METALS, LTD.: SWOT ANALYSIS 138

FIGURE 50 DAIDO STEEL CO., LTD.: COMPANY SNAPSHOT 139

FIGURE 51 DAIDO STEEL CO., LTD.: SWOT ANALYSIS 141

FIGURE 52 TDK CORPORATION: COMPANY SNAPSHOT 142

FIGURE 53 TDK CORPORATION.: SWOT ANALYSIS 144

FIGURE 54 SHIN-ETSU CHEMICAL CO., LTD.: COMPANY SNAPSHOT 145

FIGURE 55 SHIN-ETSU CHEMICAL CO., LTD.: SWOT ANALYSIS 146

FIGURE 56 ARNOLD MAGNETIC TECHNOLOGIES: SWOT ANALYSIS 149

FIGURE 57 LYNAS CORPORATION LTD.: COMPANY SNAPSHOT 150
How to Buy...

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) - Global Forecast to 2021

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