

# 2018 Top 5 Solder Ball Players in North America, Europe, Asia-Pacific, South America, Middle East and Africa

<https://marketpublishers.com/r/2C973A90078EN.html>

Date: July 2018

Pages: 124

Price: US\$ 4,960.00 (Single User License)

ID: 2C973A90078EN

## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

In integrated circuit packaging, a solder ball, also a solder bump (often referred to simply as "ball" or "bumps") is a ball of solder that provides the contact between the chip package and the printed circuit board, as well as between stacked packages in multichip modules. The Solder Ball can be placed manually or by automated equipment, and are held in place with a tacky flux.

Solder Ball are very small spheres of high-purity solder for micro soldering system. The most important advantages of Solder Ball are their very clean surfaces and exact solder quantity control. Most suitable for Ball Grid Array, Multi-Chip Module, Chip On board Flip Chip and CSP.

Asia Pacific held the leading share of the market in terms of revenue in 2016. We estimate that the global market share of Solder Ball is 27.66% in Taiwan, 20.54% in Korea, 17.28% in Japan, 15% in China and 10.56% in South East Asia. Because there are many larger IC packaging (including testing) companies in these region, such as ASE, Amkor, SPIL etc. Solder Ball are most suitable for Ball Grid Array, Multi-Chip Module, Chip On board Flip Chip and CSP.

Senju Metal, DS HiMetal and MKE captured the top three revenue share spots in the Solder Ball market in 2016. Senju Metal dominated with 40.00% revenue share, followed by DS HiMetal with 19.14% revenue share and MKE with 7.08% revenue share.

Over the next five years, LPI(LP Information) projects that Solder Ball will register a 6.6% CAGR in terms of revenue, reach US\$ 310 million by 2023, from US\$ 210 million in 2017.

This report studies the global market, especially in North America, Europe, Asia-Pacific, South America, Middle East and Africa, focuses on the top 5 players in each region, with sales, price, revenue and market share from 2013 to 2018, the top players:

Senju Metal

DS HiMetal

MKE

YCTC

Nippon Micrometal

Accurus

PMTC

Shanghai hiking solder material

Shenmao Technology

Market Segment by Regions, this report splits Global into several key Regions, with sales, revenue, market share of top players in these regions, from 2013 to 2018 (forecast), like

North America (United States, Canada and Mexico)

Asia-Pacific (China, Japan, Southeast Asia, India and Korea)

Europe (Germany, UK, France, Italy and Russia etc.)

South America (Brazil, Chile, Peru and Argentina)

Middle East and Africa (Egypt, South Africa, Saudi Arabia)

Split by Product Types, with sales, revenue, price, market share of each type, can be

divided into

Lead Solder Ball

Lead Free Solder Ball

Split by applications, this report focuses on sales, market share and growth rate in each application, can be divided into

BGA

CSP & WLCSP

Flip-Chip & Others

## Contents

### **1 SOLDER BALL MARKET OVERVIEW**

- 1.1 Product Overview and Scope of Solder Ball
- 1.2 Solder Ball Segment by Types
  - 1.2.1 Global Sales Market Share of Solder Ball by Types in 2017
  - 1.2.2 Lead Solder Ball
    - 1.2.2.1 Major Players of Type I
  - 1.2.3 Lead Free Solder Ball
    - 1.2.3.1 Major Players of Lead Free Solder Ball
- 1.3 Solder Ball Segment by Applications
  - 1.3.1 Solder Ball Sales Market Share by Applications in 2017
  - 1.3.2 BGA
  - 1.3.3 CSP & WLCSP
  - 1.3.4 Flip-Chip & Others
- 1.4 Solder Ball Market by Regions
  - 1.4.1 North America Status and Prospect (2013-2023)
    - 1.4.1.1 North America Solder Ball Revenue (Million USD) and Growth Rate (2013-2023)
  - 1.4.2 Asia-Pacific Status and Prospect (2013-2023)
    - 1.4.2.1 Asia-Pacific Solder Ball Revenue (Million USD) and Growth Rate (2013-2023)
  - 1.4.3 Europe Status and Prospect (2013-2023)
    - 1.4.3.1 Europe Solder Ball Revenue (Million USD) and Growth Rate (2013-2023)
  - 1.4.4 South America Status and Prospect (2013-2023)
    - 1.4.4.1 South America Solder Ball Revenue (Million USD) and Growth Rate (2013-2023)
  - 1.4.5 Middle East and Africa Status and Prospect (2013-2023)
    - 1.4.5.1 Middle East and Africa Solder Ball Revenue (Million USD) and Growth Rate (2013-2023)
- 1.5 Global Market Size (Value) of Solder Ball (2013-2023)

### **2 GLOBAL SOLDER BALL SALES, REVENUE (VALUE) AND MARKET SHARE BY PLAYERS**

- 2.1 Global Solder Ball Sales and Market Share by Players in 2016 and 2017
  - 2.1.1 Global Solder Ball Sales by Players in 2016 and 2017
  - 2.1.2 Global Solder Ball Sales Market Share (%) by Players in 2016 and 2017
- 2.2 Global Solder Ball Revenue and Market Share by Players in 2016 and 2017

- 2.2.1 Global Solder Ball Revenue by Players in 2016 and 2017
- 2.2.2 Global Solder Ball Revenue Market Share (%) by Players in 2016 and 2017
- 2.3 Global Solder Ball Average Price by Players in 2016 and 2017
- 2.4 Global Solder Ball Manufacturing Base Distribution, Sales Area, Product Types by Players
  - 2.4.1 Global Solder Ball Manufacturing Base Distribution and Sales Area by Players
  - 2.4.2 Players Solder Ball Product Types
- 2.5 Solder Ball Market Competitive Situation and Trends
  - 2.5.1 Solder Ball Market Concentration Rate
  - 2.5.2 Solder Ball Market Share of Top 3 and Top 5 Players
  - 2.5.3 Mergers & Acquisitions, Expansion

### **3 GLOBAL SOLDER BALL SALES, REVENUE (VALUE) BY REGIONS, TYPE AND APPLICATION (2013-2018)**

- 3.1 Global Solder Ball Sales, Revenue and Market Share by Regions (2013-2018)
  - 3.1.1 Global Solder Ball Sales and Market Share by Regions (2013-2018)
  - 3.1.2 Global Solder Ball Revenue and Market Share by Regions (2013-2018)
- 3.2 Global Solder Ball Sales, Revenue, Market Share and Price by Type (2013-2018)
  - 3.2.1 Global Solder Ball Sales and Market Share by Type (2013-2018)
  - 3.2.2 Global Solder Ball Revenue and Market Share by Type (2013-2018)
  - 3.2.3 Global Solder Ball Price by Type (2013-2018)
- 3.3 Global Solder Ball Sales and Market Share by Application (2013-2018)
  - 3.3.1 Global Solder Ball Sales by Application (2013-2018)
  - 3.3.2 Global Solder Ball Sales Market Share by Application (2013-2018)
- 3.4 Global Solder Ball Sales, Revenue, Price and Gross Margin (2013-2018)

### **4 NORTH AMERICA TOP 5 PLAYERS SOLDER BALL SALES, REVENUE AND PRICE**

- 4.1 North America Top 5 Players Solder Ball Sales, Revenue and Market Share in 2016 and 2017
  - 4.1.1 North America Top 5 Players Solder Ball Sales and Market Share in 2016 and 2017
  - 4.1.2 North America Top 5 Players Solder Ball Revenue and Market Share in 2016 and 2017
- 4.2 North America Solder Ball Sales, Revenue, Market Share and Price by Type (2013-2018)
  - 4.2.1 North America Solder Ball Sales and Market Share by Type (2013-2018)

- 4.2.1.1 North America Solder Ball Sales by Type (2013-2018)
- 4.2.1.2 North America Solder Ball Sales Market Share by Type (2013-2018)
- 4.2.2 North America Solder Ball Revenue and Market Share by Type (2013-2018)
  - 4.2.2.1 North America Solder Ball Revenue by Type (2013-2018)
  - 4.2.2.2 North America Solder Ball Revenue Market Share by Type (2013-2018)
- 4.2.3 North America Solder Ball Price by Type (2013-2018)
- 4.3 North America Solder Ball Sales and Market Share by Application (2013-2018)
  - 4.3.1 North America Solder Ball Sales by Application (2013-2018)
  - 4.3.2 North America Solder Ball Sales Market Share by Application (2013-2018)
- 4.4 North America Solder Ball Sales and Market Share by Country (US, Canada and Mexico) (2013-2018)
  - 4.4.1 North America Solder Ball Sales by Country (2013-2018)
  - 4.4.2 North America Solder Ball Sales Market Share by Country (2013-2018)
- 4.5 North America Solder Ball Import & Export (2013-2018)

## **5 EUROPE TOP 5 PLAYERS SOLDER BALL SALES, REVENUE AND PRICE**

- 5.1 Europe Top 5 Players Solder Ball Sales, Revenue and Market Share in 2016 and 2017
  - 5.1.1 Europe Top 5 Players Solder Ball Sales and Market Share in 2016 and 2017
  - 5.1.2 Europe Top 5 Players Solder Ball Revenue and Market Share in 2016 and 2017
- 5.2 Europe Solder Ball Sales, Revenue, Market Share and Price by Type (2013-2018)
  - 5.2.1 Europe Solder Ball Sales and Market Share by Type (2013-2018)
    - 5.2.1.1 Europe Solder Ball Sales by Type (2013-2018)
    - 5.2.1.2 Europe Solder Ball Sales Market Share by Type (2013-2018)
  - 5.2.2 Europe Solder Ball Revenue and Market Share by Type (2013-2018)
    - 5.2.2.1 Europe Solder Ball Revenue by Type (2013-2018)
    - 5.2.2.2 Europe Solder Ball Revenue Market Share by Type (2013-2018)
  - 5.2.3 Europe Solder Ball Price by Type (2013-2018)
- 5.3 Europe Solder Ball Sales and Market Share by Application (2013-2018)
  - 5.3.1 Europe Solder Ball Sales by Application (2013-2018)
  - 5.3.2 Europe Solder Ball Sales Market Share by Application (2013-2018)
- 5.4 Europe Solder Ball Sales and Market Share by Country (Germany, UK, France, Italy and Russia) (2013-2018)
  - 5.4.1 Europe Solder Ball Sales by Country (2013-2018)
  - 5.4.2 Europe Solder Ball Sales Market Share by Country (2013-2018)
- 5.5 Europe Solder Ball Import & Export (2013-2018)

## **6 ASIA-PACIFIC TOP 5 PLAYERS SOLDER BALL SALES, REVENUE AND PRICE**

## 6.1 Asia-Pacific Top 5 Players Solder Ball Sales, Revenue and Market Share in 2016 and 2017

6.1.1 Asia-Pacific Top 5 Players Solder Ball Sales and Market Share in 2016 and 2017

6.1.2 Asia-Pacific Top 5 Players Solder Ball Revenue and Market Share in 2016 and 2017

## 6.2 Asia-Pacific Solder Ball Sales, Revenue, Market Share and Price by Type (2013-2018)

6.2.1 Asia-Pacific Solder Ball Sales and Market Share by Type (2013-2018)

6.2.1.1 Asia-Pacific Solder Ball Sales by Type (2013-2018)

6.2.1.2 Asia-Pacific Solder Ball Sales Market Share by Type (2013-2018)

6.2.2 Asia-Pacific Solder Ball Revenue and Market Share by Type (2013-2018)

6.2.3 Asia-Pacific Solder Ball Price by Type (2013-2018)

## 6.3 Asia-Pacific Solder Ball Sales and Market Share by Application (2013-2018)

6.3.1 Asia-Pacific Solder Ball Sales by Application (2013-2018)

6.3.2 Asia-Pacific Solder Ball Sales Market Share by Application (2013-2018)

## 6.4 Asia-Pacific Solder Ball Sales and Market Share by Country (China, Japan, Southeast Asia, India, Korea and Australia) (2013-2018)

6.4.1 Asia-Pacific Solder Ball Sales by Country (2013-2018)

6.4.2 Asia-Pacific Solder Ball Sales Market Share by Country (2013-2018)

## 6.5 Asia-Pacific Solder Ball Import & Export (2013-2018)

# **7 SOUTH AMERICA TOP 5 PLAYERS SOLDER BALL SALES, REVENUE AND PRICE**

## 7.1 South America Top 5 Players Solder Ball Sales, Revenue and Market Share in 2016 and 2017

7.1.1 South America Top 5 Players Solder Ball Sales and Market Share in 2016 and 2017

7.1.2 South America Top 5 Players Solder Ball Revenue and Market Share in 2016 and 2017

## 7.2 South America Solder Ball Sales, Revenue, Market Share and Price by Type (2013-2018)

7.2.1 South America Solder Ball Sales and Market Share by Type (2013-2018)

7.2.1.1 South America Solder Ball Sales by Type (2013-2018)

7.2.1.2 South America Solder Ball Sales Market Share by Type (2013-2018)

7.2.2 South America Solder Ball Revenue and Market Share by Type (2013-2018)

7.2.2.1 South America Solder Ball Revenue by Type (2013-2018)

7.2.2.2 South America Solder Ball Revenue and Market Share by Type (2013-2018)



- 7.2.3 South America Solder Ball Price by Type (2013-2018)
- 7.3 South America Solder Ball Sales and Market Share by Application (2013-2018)
  - 7.3.1 South America Solder Ball Sales by Application (2013-2018)
  - 7.3.2 South America Solder Ball Sales Market Share by Application (2013-2018)
- 7.4 South America Solder Ball Sales and Market Share by Country (Brazil, Argentina, Chile and Peru) (2013-2018)
  - 7.4.1 South America Solder Ball Sales by Country (2013-2018)
  - 7.4.2 South America Solder Ball Sales Market Share by Country (2013-2018)
- 7.5 South America Solder Ball Import & Export (2013-2018)

## **8 MIDDLE EAST & AFRICA TOP 5 PLAYERS SOLDER BALL SALES, REVENUE AND PRICE**

- 8.1 Middle East & Africa Top 5 Players Solder Ball Sales, Revenue and Market Share in 2016 and 2017
  - 8.1.1 Middle East & Africa Top 5 Players Solder Ball Sales and Market Share in 2016 and 2017
  - 8.1.2 Middle East & Africa Top 5 Players Solder Ball Revenue and Market Share in 2016 and 2017
- 8.2 Middle East & Africa Solder Ball Sales, Revenue, Market Share and Price by Type (2013-2018)
  - 8.2.1 Middle East & Africa Solder Ball Sales and Market Share by Type (2013-2018)
    - 8.2.1.1 Middle East & Africa Solder Ball Sales by Type (2013-2018)
    - 8.2.1.2 Middle East & Africa Solder Ball Sales Market Share by Type (2013-2018)
  - 8.2.2 Middle East & Africa Solder Ball Revenue and Market Share by Type (2013-2018)
    - 8.2.2.1 Middle East & Africa Solder Ball Revenue by Type (2013-2018)
    - 8.2.2.2 Middle East & Africa Solder Ball Revenue Market Share by Type (2013-2018)
  - 8.2.3 Middle East & Africa Solder Ball Price by Type (2013-2018)
- 8.3 Middle East & Africa Solder Ball Sales and Market Share by Application (2013-2018)
  - 8.3.1 Middle East & Africa Solder Ball Sales by Application (2013-2018)
  - 8.3.2 Middle East & Africa Solder Ball Sales Market Share by Application (2013-2018)
- 8.4 Middle East & Africa Solder Ball Sales and Market Share by Country (Egypt, Saudi Arabia, South Africa and Iran) (2013-2018)
  - 8.4.1 Middle East & Africa Solder Ball Sales by Country (2013-2018)
  - 8.4.2 Middle East & Africa Solder Ball Sales Market Share by Country (2013-2018)
- 8.5 Middle East & Africa Solder Ball Import & Export (2013-2018)



## **9 GLOBAL SOLDER BALL PLAYERS PROFILES/ANALYSIS**

### **9.1 Senju Metal**

9.1.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

9.1.2 Solder Ball Product Types, Application and Specification

9.1.2.1 Product A

9.1.2.2 Product B

9.1.3 Senju Metal Solder Ball Sales, Revenue, Price and Gross Margin (2013-2018)

9.1.4 Main Business/Business Overview

9.1.5 Senju Metal News

### **9.2 DS HiMetal**

9.2.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

9.2.2 Solder Ball Product Types, Application and Specification

9.2.2.1 Product A

9.2.2.2 Product B

9.2.3 DS HiMetal Solder Ball Sales, Revenue, Price and Gross Margin (2013-2018)

9.2.4 Main Business/Business Overview

9.2.5 DS HiMetal News

### **9.3 MKE**

9.3.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

9.3.2 Solder Ball Product Types, Application and Specification

9.3.2.1 Product A

9.3.2.2 Product B

9.3.3 MKE Solder Ball Sales, Revenue, Price and Gross Margin (2013-2018)

9.3.4 Main Business/Business Overview

9.3.5 MKE News

### **9.4 YCTC**

9.4.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

9.4.2 Solder Ball Product Types, Application and Specification

9.4.2.1 Product A

9.4.2.2 Product B

9.4.3 YCTC Solder Ball Sales, Revenue, Price and Gross Margin (2013-2018)

9.4.4 Main Business/Business Overview

9.4.5 YCTC News

### **9.5 Nippon Micrometal**

- 9.5.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
- 9.5.2 Solder Ball Product Types, Application and Specification
  - 9.5.2.1 Product A
  - 9.5.2.2 Product B
- 9.5.3 Nippon Micrometal Solder Ball Sales, Revenue, Price and Gross Margin (2013-2018)
- 9.5.4 Main Business/Business Overview
- 9.5.5 Nippon Micrometal News
- 9.6 Accurus
  - 9.6.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
  - 9.6.2 Solder Ball Product Types, Application and Specification
    - 9.6.2.1 Product A
    - 9.6.2.2 Product B
  - 9.6.3 Accurus Solder Ball Sales, Revenue, Price and Gross Margin (2013-2018)
  - 9.6.4 Main Business/Business Overview
  - 9.6.5 Accurus News
- 9.7 PMTC
  - 9.7.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
  - 9.7.2 Solder Ball Product Types, Application and Specification
    - 9.7.2.1 Product A
    - 9.7.2.2 Product B
  - 9.7.3 PMTC Solder Ball Sales, Revenue, Price and Gross Margin (2013-2018)
  - 9.7.4 Main Business/Business Overview
  - 9.7.5 PMTC News
- 9.8 Shanghai hiking solder material
  - 9.8.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
  - 9.8.2 Solder Ball Product Types, Application and Specification
    - 9.8.2.1 Product A
    - 9.8.2.2 Product B
  - 9.8.3 Shanghai hiking solder material Solder Ball Sales, Revenue, Price and Gross Margin (2013-2018)
  - 9.8.4 Main Business/Business Overview
  - 9.8.5 Shanghai hiking solder material News
- 9.9 Shenmao Technology
  - 9.9.1 Company Basic Information, Manufacturing Base, Sales Area and Its

## Competitors

### 9.9.2 Solder Ball Product Types, Application and Specification

#### 9.9.2.1 Product A

#### 9.9.2.2 Product B

### 9.9.3 Shenmao Technology Solder Ball Sales, Revenue, Price and Gross Margin (2013-2018)

#### 9.9.4 Main Business/Business Overview

#### 9.9.5 Shenmao Technology News

## **10 GLOBAL SOLDER BALL MARKET FORECAST (2018-2023)**

### 10.1 Global Solder Ball Sales, Revenue Forecast (2018-2023)

### 10.2 Global Solder Ball Sales, Consumption Forecast by Regions (2018-2023)

#### 10.2.1 Global Solder Ball Sales Forecast by Regions (2018-2023)

#### 10.2.2 Global Solder Ball Sales Market Share Forecast by Regions (2018-2023)

### 10.3 Global Solder Ball Sales and Market Share Forecast by Type (2018-2023)

#### 10.3.1 Global Solder Ball Sales Forecast by Type (2018-2023)

#### 10.3.2 Global Solder Ball Sales Market Share Forecast by Type (2018-2023)

### 10.4 Global Solder Ball Sales and Market Share Forecast by Application (2018-2023)

#### 10.4.1 Global Solder Ball Sales Forecast by Application (2018-2023)

#### 10.4.2 Global Solder Ball Sales Market Share Forecast by Application (2018-2023)

### 10.5 Solder Ball Price Forecast (2018-2023)

## **11 SOLDER BALL MANUFACTURING COST ANALYSIS**

### 11.1 Solder Ball Key Raw Materials Analysis

#### 11.1.1 Key Raw Materials

#### 11.1.2 Price Trend of Key Raw Materials

#### 11.1.3 Key Suppliers of Raw Materials

#### 11.1.4 Market Concentration Rate of Raw Materials

### 11.2 Proportion of Manufacturing Cost Structure

#### 11.2.1 Raw Materials

#### 11.2.2 Labor Cost

#### 11.2.3 Manufacturing Expenses

### 11.3 Manufacturing Process Analysis of Solder Ball

## **12 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS**

### 12.1 Solder Ball Industrial Chain Analysis

- 12.2 Upstream Raw Materials Sourcing
- 12.3 Raw Materials Sources of Solder Ball Major Players in 2017
- 12.4 Downstream Buyers

## **13 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS**

- 13.1 Marketing Channel
  - 13.1.1 Direct Marketing
  - 13.1.2 Indirect Marketing
  - 13.1.3 Marketing Channel Development Trend
- 13.2 Market Positioning
  - 13.2.1 Pricing Strategy
  - 13.2.2 Brand Strategy
  - 13.2.3 Target Client
- 13.3 Distributors/Traders List

## **14 MARKET EFFECT FACTORS ANALYSIS**

- 14.1 Technology Progress/Risk
  - 14.1.1 Substitutes Threat
  - 14.1.2 Technology Progress in Related Industry
- 14.2 Consumer Needs/Customer Preference Change
- 14.3 Economic/Political Environmental Change

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

- 16.1 Methodology
- 16.2 Data Source

## List Of Tables

### LIST OF TABLES AND FIGURES

Figure Picture of Solder Ball

Table Product Specifications of Solder Ball

Figure Global Sales Market Share of Solder Ball by Types in 2017

Figure Product Picture of Lead Solder Ball

Table Major Players of Lead Solder Ball

Figure Product Picture of Lead Free Solder Ball

Table Major Players of Lead Free Solder Ball

Figure Solder Ball Sales Market Share by Applications in 2017

Table Applications of Solder Ball

Figure CSP & WLCSP Examples

Figure Flip-Chip & Others Examples

Figure North America Solder Ball Revenue (Million USD) and Growth Rate (2013-2023)

Figure Asia-Pacific Solder Ball Revenue (Million USD) and Growth Rate (2013-2023)

Figure Europe Solder Ball Revenue (Million USD) and Growth Rate (2013-2023)

Figure South America Solder Ball Revenue (Million USD) and Growth Rate (2013-2023)

Figure Middle East and Africa Solder Ball Revenue (Million USD) and Growth Rate (2013-2023)

Figure Global Solder Ball Revenue (Million USD) and Growth Rate (2013-2023)

Table Global Solder Ball Sales by Players in 2016 and 2017

Table Global Solder Ball Sales Market Share (%) by Players in 2016 and 2017

Figure Global Solder Ball Sales Market Share by Players in 2016

Figure Global Solder Ball Sales Market Share by Players in 2017

Table Global Solder Ball Revenue by Players in 2016 and 2017

Table Global Solder Ball Revenue Market Share (%) by Players in 2016 and 2017

Figure Global Solder Ball Revenue Market Share by Players in 2016

Figure Global Solder Ball Revenue Market Share by Players in 2017

Table Global Solder Ball Average Price by Players in 2016 and 2017

Figure Global Solder Ball Average Price by Players in 2017

Table Global Solder Ball Manufacturing Base Distribution and Sales Area by Players

Table Players Solder Ball Product Types

Figure Solder Ball Market Share of Top 3 Players

Figure Solder Ball Market Share of Top 5 Players

Table Global Solder Ball Sales by Regions (2013-2018)

Table Global Solder Ball Sales Market Share by Regions (2013-2018)

Figure Global Solder Ball Sales Market Share by Regions (2013-2018)

Figure Global Solder Ball Sales Market Share by Regions in 2017  
Table Global Solder Ball Revenue by Regions (2013-2018)  
Table Global Solder Ball Revenue Market Share by Regions (2013-2018)  
Figure Global Solder Ball Revenue Market Share by Regions (2013-2018)  
Figure Global Solder Ball Revenue Market Share by Regions in 2017  
Table Global Solder Ball Sales by Type (2013-2018)  
Table Global Solder Ball Sales Market Share by Type (2013-2018)  
Figure Global Solder Ball Sales Market Share by Type (2013-2018)  
Figure Global Solder Ball Sales Market Share by Type in 2017  
Table Global Solder Ball Revenue by Type (2013-2018)  
Table Global Solder Ball Revenue Market Share by Type (2013-2018)  
Figure Global Solder Ball Revenue Market Share by Type (2013-2018)  
Figure Global Solder Ball Revenue Market Share by Type in 2017  
Table Global Solder Ball Price by Type (2013-2018)  
Table Global Solder Ball Sales by Application (2013-2018)  
Figure Global Solder Ball Sales Market Share by Application in 2017  
Table Global Solder Ball Sales Market Share by Application (2013-2018)  
Figure Global Solder Ball Sales Market Share by Application (2013-2018)  
Table Global Solder Ball Sales, Revenue, Price and Gross Margin (2013-2018)  
Table North America Top 5 Players Solder Ball Sales in 2016 and 2017  
Table North America Top 5 Players Solder Ball Sales Market Share (%) in 2016 and 2017  
Figure North America Top 5 Players Solder Ball Sales Share in 2016  
Figure North America Top 5 Players Solder Ball Sales Share in 2017  
Table North America Top 5 Players Solder Ball Revenue in 2016 and 2017  
Table North America Top 5 Players Solder Ball Revenue Market Share (%) in 2016 and 2017  
Figure North America Top 5 Players Solder Ball Revenue Share in 2016  
Figure North America Top 5 Players Solder Ball Revenue Share in 2017  
Table North America Solder Ball Sales by Type (2013-2018)  
Figure 2017 North America Solder Ball Sales Market Share by Type  
Table North America Solder Ball Sales Market Share by Type (2013-2018)  
Figure North America Solder Ball Sales Market Share by Type (2013-2018)  
Table North America Solder Ball Revenue by Type (2013-2018)  
Figure North America Solder Ball Revenue Market Share by Type in 2017  
Table North America Solder Ball Revenue Market Share by Type (2013-2018)  
Figure North America Solder Ball Revenue Market Share by Type (2013-2018)  
Table North America Solder Ball Price by Type (2013-2018)  
Table North America Solder Ball Sales by Application (2013-2018)



Figure North America Solder Ball Sales by Application in 2017

Table North America Solder Ball Sales Market Share by Application (2013-2018)

Figure North America Solder Ball Sales Market Share by Application (2013-2018)

Table North America Solder Ball Sales by Country (2013-2018)

Figure 2017 North America Solder Ball Sales Market Share by Country

Table North America Solder Ball Sales Market Share by Country (2013-2018)

Figure North America Solder Ball Sales Market Share by Country (2013-2018)

Table North America Solder Ball Import & Export (2013-2018)

Table Europe Top 5 Players Solder Ball Sales in 2016 and 2017

Table Europe Top 5 Players Solder Ball Sales Market Share (%) in 2016 and 2017

Figure Europe Top 5 Players Solder Ball Sales Share in 2016

Figure Europe Top 5 Players Solder Ball Sales Share in 2017

Table Europe Top 5 Players Solder Ball Revenue in 2016 and 2017

Table Europe Top 5 Players Solder Ball Revenue Market Share (%) in 2016 and 2017

Figure Europe Top 5 Players Solder Ball Revenue Share in 2016

Figure Europe Top 5 Players Solder Ball Revenue Share in 2017

Table Europe Solder Ball Sales by Type (2013-2018)

Figure 2017 Europe Solder Ball Sales Market Share by Type

Table Europe Solder Ball Sales Market Share by Type (2013-2018)

Figure Europe Solder Ball Sales Market Share by Type (2013-2018)

Table Europe Solder Ball Revenue by Type (2013-2018)

Figure Europe Solder Ball Revenue Market Share by Type in 2017

Table Europe Solder Ball Revenue Market Share by Type (2013-2018)

Figure Europe Solder Ball Revenue Market Share by Type (2013-2018)

Table Europe Solder Ball Price by Type (2013-2018)

Table Europe Solder Ball Sales by Application (2013-2018)

Figure Europe Solder Ball Sales Market Share by Application in 2017

Table Europe Solder Ball Sales Market Share by Application (2013-2018)

Figure Europe Solder Ball Sales Market Share by Application (2013-2018)

Table Europe Solder Ball Sales by Country (2013-2018)

Figure Europe Solder Ball Sales Market Share by Country in 2017

Table Europe Solder Ball Sales Market Share by Country (2013-2018)

Figure Europe Solder Ball Sales Market Share by Country (2013-2018)

Table Europe Solder Ball Import & Export (2013-2018)

Table Asia-Pacific Top 5 Players Solder Ball Sales in 2016 and 2017

Table Asia-Pacific Top 5 Players Solder Ball Sales Market Share (%) in 2016 and 2017

Figure Asia-Pacific Top 5 Players Solder Ball Sales Share in 2016

Figure Asia-Pacific Top 5 Players Solder Ball Sales Share in 2017

Table Asia-Pacific Top 5 Players Solder Ball Revenue in 2016 and 2017



Table Asia-Pacific Top 5 Players Solder Ball Revenue Market Share (%) in 2016 and 2017

Figure Asia-Pacific Top 5 Players Solder Ball Revenue Share in 2016

Figure Asia-Pacific Top 5 Players Solder Ball Revenue Share in 2017

Table Asia-Pacific Solder Ball Sales by Type (2013-2018)

Figure Asia-Pacific Solder Ball Sales Market Share by Type in 2017

Table Asia-Pacific Solder Ball Sales Market Share by Type (2013-2018)

Figure Asia-Pacific Solder Ball Sales Market Share by Type (2013-2018)

Table Asia-Pacific Solder Ball Revenue by Type (2013-2018)

Table Asia-Pacific Solder Ball Revenue Market Share by Type (2013-2018)

Figure Asia-Pacific Solder Ball Revenue Market Share by Type (2013-2018)

Figure Asia-Pacific Solder Ball Revenue Market Share by Type in 2017

Table Asia-Pacific Solder Ball Price by Type (2013-2018)

Table Asia-Pacific Solder Ball Sales by Application (2013-2018)

Figure Asia-Pacific Solder Ball Sales by Application in 2017

Table Asia-Pacific Solder Ball Sales Market Share by Application (2013-2018)

Figure Asia-Pacific Solder Ball Sales Market Share by Application (2013-2018)

Table Asia-Pacific Solder Ball Sales by Country (2013-2018)

Figure Asia-Pacific Solder Ball Sales Market Share by Country in 2017

Table Asia-Pacific Solder Ball Sales Market Share by Country (2013-2018)

Figure Asia-Pacific Solder Ball Sales Market Share by Country (2013-2018)

Table Asia-Pacific Solder Ball Import & Export (2013-2018)

Table South America Top 5 Players Solder Ball Sales in 2016 and 2017

Table South America Top 5 Players Solder Ball Sales Market Share (%) in 2016 and 2017

Figure South America Top 5 Players Solder Ball Sales Share in 2016

Figure South America Top 5 Players Solder Ball Sales Share in 2017

Table South America Top 5 Players Solder Ball Revenue in 2016 and 2017

Table South America Top 5 Players Solder Ball Revenue Market Share (%) in 2016 and 2017

Figure South America Top 5 Players Solder Ball Revenue Share in 2016

Figure South America Top 5 Players Solder Ball Revenue Share in 2017

Table South America Solder Ball Sales by Type (2013-2018)

Figure South America Solder Ball Sales by Type in 2017

Table South America Solder Ball Sales Market Share by Type (2013-2018)

Figure South America Solder Ball Sales Market Share by Type (2013-2018)

Table South America Solder Ball Revenue by Type (2013-2018)

Figure South America Solder Ball Revenue by Type in 2017

Table South America Solder Ball Revenue Market Share by Type (2013-2018)

Figure South America Solder Ball Revenue Market Share by Type (2013-2018)  
Table South America Solder Ball Price by Type (2013-2018)  
Table South America Solder Ball Sales by Application (2013-2018)  
Figure South America Solder Ball Sales by Application in 2017  
Table South America Solder Ball Sales Market Share by Application (2013-2018)  
Figure South America Solder Ball Sales Market Share by Application (2013-2018)  
Table South America Solder Ball Sales by Country (2013-2018)  
Figure South America Solder Ball Sales by Country in 2017  
Table South America Solder Ball Sales Market Share by Country (2013-2018)  
Figure South America Solder Ball Sales Market Share by Country (2013-2018)  
Table South America Solder Ball Import & Export (2013-2018)  
Table Middle East & Africa Top 5 Players Solder Ball Sales in 2016 and 2017  
Table Middle East & Africa Top 5 Players Solder Ball Sales Market Share (%) in 2016 and 2017  
Figure Middle East & Africa Top 5 Players Solder Ball Sales Share in 2016  
Figure Middle East & Africa Top 5 Players Solder Ball Sales Share in 2017  
Table Middle East & Africa Top 5 Players Solder Ball Revenue in 2016 and 2017  
Table Middle East & Africa Top 5 Players Solder Ball Revenue Market Share (%) in 2016 and 2017  
Figure Middle East & Africa Top 5 Players Solder Ball Revenue Share in 2016  
Figure Middle East & Africa Top 5 Players Solder Ball Revenue Share in 2017  
Table Middle East & Africa Solder Ball Sales by Type (2013-2018)  
Figure Middle East & Africa Solder Ball Sales by Type in 2017  
Table Middle East & Africa Solder Ball Sales Market Share by Type (2013-2018)  
Figure Middle East & Africa Solder Ball Sales Market Share by Type (2013-2018)  
Table Middle East & Africa Solder Ball Revenue by Type (2013-2018)  
Figure Middle East & Africa Solder Ball Revenue by Type in 2017  
Table Middle East & Africa Solder Ball Revenue Market Share by Type (2013-2018)  
Figure Middle East & Africa Solder Ball Revenue Market Share by Type (2013-2018)  
Table Middle East & Africa Solder Ball Price by Type (2013-2018)  
Table Middle East & Africa Solder Ball Sales by Application (2013-2018)  
Figure Middle East & Africa Solder Ball Sales by Application in 2017  
Table Middle East & Africa Solder Ball Sales Market Share by Application (2013-2018)  
Figure Middle East & Africa Solder Ball Sales Market Share by Application (2013-2018)  
Table Middle East & Africa Solder Ball Sales by Country (2013-2018)  
Figure Middle East & Africa Solder Ball Sales by Country in 2017  
Table Middle East & Africa Solder Ball Sales Market Share by Country (2013-2018)  
Figure Middle East & Africa Solder Ball Sales Market Share by Country (2013-2018)  
Table Middle East & Africa Solder Ball Import & Export (2013-2018)

Table Senju Metal Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Senju Metal Solder Ball Sales, Revenue, Price and Gross Margin (2013-2018)

Figure Senju Metal Solder Ball Market Share (2013-2018)

Table DS HiMetal Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table DS HiMetal Solder Ball Sales, Revenue, Price and Gross Margin (2013-2018)

Figure DS HiMetal Solder Ball Market Share (2013-2018)

Table MKE Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table MKE Solder Ball Sales, Revenue, Price and Gross Margin (2013-2018)

Figure MKE Solder Ball Market Share (2013-2018)

Table YCTC Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table YCTC Solder Ball Sales, Revenue, Price and Gross Margin (2013-2018)

Figure YCTC Solder Ball Market Share (2013-2018)

Table Nippon Micrometal Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Nippon Micrometal Solder Ball Sales, Revenue, Price and Gross Margin (2013-2018)

Figure Nippon Micrometal Solder Ball Market Share (2013-2018)

Table Accurus Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Accurus Solder Ball Sales, Revenue, Price and Gross Margin (2013-2018)

Figure Accurus Solder Ball Market Share (2013-2018)

Table PMTC Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table PMTC Solder Ball Sales, Revenue, Price and Gross Margin (2013-2018)

Figure PMTC Solder Ball Market Share (2013-2018)

Table Shanghai hiking solder material Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Shanghai hiking solder material Solder Ball Sales, Revenue, Price and Gross Margin (2013-2018)

Figure Shanghai hiking solder material Solder Ball Market Share (2013-2018)

Table Shenmao Technology Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Shenmao Technology Solder Ball Sales, Revenue, Price and Gross Margin (2013-2018)

Figure Shenmao Technology Solder Ball Market Share (2013-2018)

Figure Global Solder Ball Sales and Growth Rate Forecast (2018-2023)

Figure Global Solder Ball Revenue and Growth Rate Forecast (2018-2023)

Table Global Solder Ball Sales Forecast by Regions (2018-2023)

Table Global Solder Ball Sales Market Share Forecast by Regions (2018-2023)

Table Global Solder Ball Sales Forecast by Type (2018-2023)  
Table Sales Base and Market Concentration Rate of Raw Material  
Table Global Solder Ball Sales Forecast by Application (2018-2023)  
Table Global Solder Ball Sales Market Share Forecast by Application (2018-2023)  
Table Sales Base and Market Concentration Rate of Raw Material  
Figure Price Trend of Key Raw Materials  
Table Key Suppliers of Raw Materials  
Figure Manufacturing Cost Structure of Solder Ball  
Figure Manufacturing Process Analysis of Solder Ball  
Figure Solder Ball Industrial Chain Analysis  
Table Raw Materials Sources of Solder Ball Major Players in 2017  
Table Major Buyers of Solder Ball  
Table Distributors/Traders List

## I would like to order

Product name: 2018 Top 5 Solder Ball Players in North America, Europe, Asia-Pacific, South America, Middle East and Africa

Product link: <https://marketpublishers.com/r/2C973A90078EN.html>

Price: US\$ 4,960.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/2C973A90078EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

