

United States Commutator Market by Manufacturers, States, Type and Application, Forecast to 2023

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Abstracts

A commutator is the moving part of a rotary electrical switch in certain types of electric motors and electrical generators that periodically reverses the current direction between the rotor and the external circuit. It consists of a cylinder composed of multiple metal contact segments on the rotating armature of the machine. Two or more stationary electrical contacts called 'brushes' made of a soft conductor like carbon press against the commutator, making sliding contact with successive segments of the commutator as it rotates. The windings (coils of wire) on the armature are connected to the commutator segments.

Scope of the Report:

This report focuses on the Commutator in United States market, to split the market based on manufacturers, states, type and application.

Market Segment by Manufacturers, this report covers'

Kolektor

Huarui Electric

Kaizhong

Angu

Sugiyama

Great Wall

Nettelhoff

Lifeng

Suzhou Kegu

Electric Materials

Takachiho

TRIS

MAM

Toledo

Market Segment by States, covering

California

Texas

New York

Florida

Illinois

Market Segment by Type, covers

Groove Commutator

Hook Type Commutator

Others

Market Segment by Applications, can be divided into

Automatic Industry

Household Appliances

Power Tools

Others

There are 17 Chapters to deeply display the United States Commutator market.

Chapter 1, to describe Commutator Introduction, product type and application, market overview, market analysis by States, market opportunities, market risk, market driving force;

Chapter 2, to analyze the manufacturers of Commutator, with profile, main business, news, sales, price, revenue and market share in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the United States market by States, covering California, New York, Texas, Illinois and Florida, with sales, price, revenue and market share of Commutator, for each state, from 2013 to 2018;

Chapter 5 and 6, to show the market by type and application, with sales, price, revenue, market share and growth rate by type, application, from 2013 to 2018;

Chapter 7, 8, 9, 10 and 11, to analyze the key States by Type and Application, covering California, New York, Texas, Illinois and Florida, with sales, revenue and market share by types and applications;

Chapter 12, Commutator market forecast, by States, type and application, with sales, price, revenue and growth rate forecast, from 2018 to 2023;

Chapter 13, to analyze the manufacturing cost, key raw materials and manufacturing process, etc.

Chapter 14, to analyze the industrial chain, sourcing strategy and downstream end users (buyers);

Chapter 15, to describe sales channel, distributors, traders, dealers, etc.

Chapter 16 and 17, to describe Commutator Research Findings and Conclusion, Appendix, methodology and data source.

Contents

1 MARKET OVERVIEW

- 1.1 Commutator Introduction
- 1.2 Market Analysis by Type
 - 1.2.1 Groove Commutator
 - 1.2.2 Hook Type Commutator
 - 1.2.3 Others
- 1.3 Market Analysis by Applications
 - 1.3.1 Automatic Industry
 - 1.3.2 Household Appliances
 - 1.3.3 Power Tools
 - 1.3.4 Others
- 1.4 Market Analysis by States
 - 1.4.1 California Status and Prospect (2013-2023)
 - 1.4.2 Texas Status and Prospect (2013-2023)
 - 1.4.3 New York Status and Prospect (2013-2023)
 - 1.4.4 Florida Status and Prospect (2013-2023)
 - 1.4.5 Illinois Status and Prospect (2013-2023)
- 1.5 Market Dynamics
 - 1.5.1 Market Opportunities
 - 1.5.2 Market Risk
 - 1.5.3 Market Driving Force

2 MANUFACTURERS PROFILES

- 2.1 Kolektor
 - 2.1.1 Business Overview
 - 2.1.2 Commutator Type and Applications
 - 2.1.2.1 Type
 - 2.1.2.2 Type
 - 2.1.3 Kolektor Commutator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.2 Huarui Electric
 - 2.2.1 Business Overview
 - 2.2.2 Commutator Type and Applications
 - 2.2.2.1 Type
 - 2.2.2.2 Type

2.2.3 Huarui Electric Commutator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.3 Kaizhong

2.3.1 Business Overview

2.3.2 Commutator Type and Applications

2.3.2.1 Type

2.3.2.2 Type

2.3.3 Kaizhong Commutator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.4 Angu

2.4.1 Business Overview

2.4.2 Commutator Type and Applications

2.4.2.1 Type

2.4.2.2 Type

2.4.3 Angu Commutator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.5 Sugiyama

2.5.1 Business Overview

2.5.2 Commutator Type and Applications

2.5.2.1 Type

2.5.2.2 Type

2.5.3 Sugiyama Commutator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.6 Great Wall

2.6.1 Business Overview

2.6.2 Commutator Type and Applications

2.6.2.1 Type

2.6.2.2 Type

2.6.3 Great Wall Commutator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.7 Nettelhoff

2.7.1 Business Overview

2.7.2 Commutator Type and Applications

2.7.2.1 Type

2.7.2.2 Type

2.7.3 Nettelhoff Commutator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.8 Lifeng

2.8.1 Business Overview

- 2.8.2 Commutator Type and Applications
 - 2.8.2.1 Type
 - 2.8.2.2 Type
- 2.8.3 Lifeng Commutator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.9 Suzhou Kegu
 - 2.9.1 Business Overview
 - 2.9.2 Commutator Type and Applications
 - 2.9.2.1 Type
 - 2.9.2.2 Type
 - 2.9.3 Suzhou Kegu Commutator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.10 Electric Materials
 - 2.10.1 Business Overview
 - 2.10.2 Commutator Type and Applications
 - 2.10.2.1 Type
 - 2.10.2.2 Type
 - 2.10.3 Electric Materials Commutator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.11 Takachiho
 - 2.11.1 Business Overview
 - 2.11.2 Commutator Type and Applications
 - 2.11.2.1 Type
 - 2.11.2.2 Type
 - 2.11.3 Takachiho Commutator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.12 TRIS
 - 2.12.1 Business Overview
 - 2.12.2 Commutator Type and Applications
 - 2.12.2.1 Type
 - 2.12.2.2 Type
 - 2.12.3 TRIS Commutator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.13 MAM
 - 2.13.1 Business Overview
 - 2.13.2 Commutator Type and Applications
 - 2.13.2.1 Type
 - 2.13.2.2 Type
 - 2.13.3 MAM Commutator Sales, Price, Revenue, Gross Margin and Market Share

(2016-2017)

2.14 Toledo

2.14.1 Business Overview

2.14.2 Commutator Type and Applications

2.14.2.1 Type

2.14.2.2 Type

2.14.3 Toledo Commutator Sales, Price, Revenue, Gross Margin and Market Share

(2016-2017)

3 UNITED STATES COMMUTATOR MARKET COMPETITION, BY MANUFACTURER

3.1 United States Commutator Sales and Market Share by Manufacturer (2016-2017)

3.1.1 United States Commutator Sales by Manufacturer (2016-2017)

3.1.2 United States Commutator Sales Market Share by Manufacturer (2016-2017)

3.2 United States Commutator Revenue and Market Share by Manufacturer

(2016-2017)

3.2.1 United States Commutator Revenue by Manufacturer (2016-2017)

3.2.2 United States Commutator Revenue Market Share by Manufacturer (2016-2017)

3.3 United States Commutator Price by Manufacturers (2016-2017)

3.4 Market Concentration Rate

3.4.1 Top 3 Commutator Manufacturer Market Share (2016-2017)

3.4.2 Top 5 Commutator Manufacturer Market Share (2016-2017)

3.5 Market Competition Trend

4 UNITED STATES COMMUTATOR MARKET ANALYSIS BY STATES

4.1 United States Commutator Sales Market Share by States (2013-2018)

4.2 United States Commutator Sales and Market Share by States (2013-2018)

4.2.1 United States Commutator Sales by States (2013-2018)

4.2.2 United States Commutator Sales Market Share by States (2013-2018)

4.3 United States Commutator Revenue (Value) and Market Share by States
(2013-2018)

4.3.1 United States Commutator Revenue by States (2013-2018)

4.3.2 United States Commutator Revenue Market Share by States (2013-2018)

5 UNITED STATES MARKET SEGMENTATION COMMUTATOR BY TYPE

5.1 United States Commutator Sales, Revenue and Market Share by Type (2013-2018)

5.1.1 United States Commutator Sales and Market Share by Type (2013-2018)

- 5.1.2 United States Commutator Revenue and Market Share by Type (2013-2018)
- 5.2 Type 1 Sales Growth Rate and Price
- 5.2 Groove Commutator Sales Growth and Price
 - 5.2.1 United States Groove Commutator Sales Growth (2012-2017)
 - 5.2.2 United States Groove Commutator Price (2012-2017)
- 5.3 Hook Type Commutator Sales Growth and Price
 - 5.3.1 United States Hook Type Commutator Sales Growth (2012-2017)
 - 5.3.2 United States Hook Type Commutator Price (2012-2017)
- 5.4 Others Sales Growth and Price
 - 5.4.1 United States Others Sales Growth (2012-2017)

6 UNITED STATES MARKET SEGMENTATION COMMUTATOR BY APPLICATION

- 6.1 United States Commutator Sales Market Share by Application (2013-2018)
- 6.2 Automatic Industry Sales Growth (2012-2017)
- 6.3 Household Appliances Sales Growth (2012-2017)
- 6.4 Power Tools Sales Growth (2012-2017)
- 6.5 Others Sales Growth (2012-2017)

7 CALIFORNIA COMMUTATOR SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

- 7.1 California Commutator Revenue, Sales and Growth Rate (2013-2018)
- 7.2 California Commutator Sales and Market Share by Type (2013-2018)
 - 7.2.1 California Commutator Sales by Type (2013-2018)
 - 7.2.2 California Commutator Sales Market Share by Type (2013-2018)
- 7.3 California Commutator Sales and Market Share by Application (2013-2018)
 - 7.3.1 California Commutator Sales by Application (2013-2018)
 - 7.3.2 California Commutator Sales Market Share by Application (2013-2018)

8 NEW YORK COMMUTATOR SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

- 8.1 New York Commutator Revenue, Sales and Growth Rate (2013-2018)
- 8.2 New York Commutator Sales and Market Share by Type (2013-2018)
 - 8.2.1 New York Commutator Sales by Type (2013-2018)
 - 8.2.2 New York Commutator Sales Market Share by Type (2013-2018)
- 8.3 New York Commutator Sales and Market Share by Application (2013-2018)
 - 8.3.1 New York Commutator Sales by Application (2013-2018)

8.3.2 New York Commutator Sales Market Share by Application (2013-2018)

9 TEXAS COMMUTATOR SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

9.1 Texas Commutator Revenue, Sales and Growth Rate (2013-2018)

9.2 Texas Commutator Sales and Market Share by Type (2013-2018)

9.2.1 Texas Commutator Sales by Type (2013-2018)

9.2.2 Texas Commutator Sales Market Share by Type (2013-2018)

9.3 Texas Commutator Sales and Market Share by Application (2013-2018)

9.3.1 Texas Commutator Sales by Application (2013-2018)

9.3.2 Texas Commutator Sales Market Share by Application (2013-2018)

10 FLORIDA COMMUTATOR SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

10.1 Florida Commutator Revenue, Sales and Growth Rate (2013-2018)

10.2 Florida Commutator Sales and Market Share by Type (2013-2018)

10.2.1 Florida Commutator Sales by Type (2013-2018)

10.2.2 Florida Commutator Sales Market Share by Type (2013-2018)

10.3 Florida Commutator Sales and Market Share by Application (2013-2018)

10.3.1 Florida Commutator Sales by Application (2013-2018)

10.3.2 Florida Commutator Sales Market Share by Application (2013-2018)

11 ILLINOIS COMMUTATOR SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

11.1 Illinois Commutator Revenue, Sales and Growth Rate (2013-2018)

11.2 Illinois Commutator Sales and Market Share by Type (2013-2018)

11.2.1 Illinois Commutator Sales by Type (2013-2018)

11.2.2 Illinois Commutator Sales Market Share by Type (2013-2018)

11.3 Illinois Commutator Sales and Market Share by Application (2013-2018)

11.3.1 Illinois Commutator Sales by Application (2013-2018)

11.3.2 Illinois Commutator Sales Market Share by Application (2013-2018)

12 COMMUTATOR MARKET FORECAST (2018-2023)

12.1 United States Commutator Sales, Revenue and Growth Rate (2018-2023)

12.2 Commutator Market Forecast by States (2018-2023)

- 12.2.1 United States Commutator Sales Forecast by States (2018-2023)
- 12.2.2 United States Commutator Market Share Forecast by States (2018-2023)
- 12.3 Commutator Market Forecast by Type (2018-2023)
 - 12.3.1 United States Commutator Sales Forecast by Type (2018-2023)
 - 12.3.2 United States Commutator Market Share Forecast by Type (2018-2023)
- 12.4 Commutator Market Forecast by Application (2018-2023)
 - 12.4.1 United States Commutator Sales Forecast by Application (2018-2023)
 - 12.4.2 United States Commutator Market Share Forecast by Application (2018-2023)

13 COMMUTATOR MANUFACTURING COST ANALYSIS

- 13.1 Commutator Key Raw Materials Analysis
 - 13.1.1 Key Raw Materials
 - 13.1.2 Price Trend of Key Raw Materials
 - 13.1.3 Key Suppliers of Raw Materials
 - 13.1.4 Market Concentration Rate of Raw Materials
- 13.2 Proportion of Manufacturing Cost Structure
 - 13.2.1 Raw Materials
 - 13.2.2 Labor Cost
 - 13.2.3 Manufacturing Expenses
- 13.3 Manufacturing Process Analysis of Commutator

14 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

- 14.1 Commutator Industrial Chain Analysis
- 14.2 Upstream Raw Materials Sourcing
- 14.3 Raw Materials Sources of Commutator Major Manufacturers in 2017
- 14.4 Downstream Buyers

15 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS

- 15.1 Sales Channel
 - 15.1.1 Direct Marketing
 - 15.1.2 Indirect Marketing
 - 15.1.3 Marketing Channel Future Trend
- 15.2 Distributors, Traders and Dealers

16 RESEARCH FINDINGS AND CONCLUSION

17 APPENDIX

17.1 Methodology

17.2 Data Source

List Of Tables

LIST OF TABLES AND FIGURES

Figure Commutator Picture

Table Product Specifications of Commutator

Figure United States Sales Market Share of Commutator by Types in 2017

Table Types of Commutator

Figure Groove Commutator Picture

Figure Hook Type Commutator Picture

Figure Others Picture

Figure United States Commutator Sales Market Share by Applications in 2017

Table Applications of Commutator

Figure Automatic Industry Picture

Figure Household Appliances Picture

Figure Power Tools Picture

Figure Others Picture

Figure California Commutator Revenue (Million USD) and Growth Rate (2013-2023)

Figure Texas Commutator Revenue (Million USD) and Growth Rate (2013-2023)

Figure New York Commutator Revenue (Million USD) and Growth Rate (2013-2023)

Figure Florida Commutator Revenue (Million USD) and Growth Rate (2013-2023)

Figure Illinois Commutator Revenue (Million USD) and Growth Rate (2013-2023)

Table Kolektor Basic Information, Manufacturing Base and Competitors

Table Kolektor Commutator Type and Applications

Table Kolektor Commutator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Huarui Electric Basic Information, Manufacturing Base and Competitors

Table Huarui Electric Commutator Type and Applications

Table Huarui Electric Commutator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Kaizhong Basic Information, Manufacturing Base and Competitors

Table Kaizhong Commutator Type and Applications

Table Kaizhong Commutator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Angu Basic Information, Manufacturing Base and Competitors

Table Angu Commutator Type and Applications

Table Angu Commutator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Sugiyama Basic Information, Manufacturing Base and Competitors

Table Sugiyama Commutator Type and Applications

Table Sugiyama Commutator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Great Wall Basic Information, Manufacturing Base and Competitors

Table Great Wall Commutator Type and Applications

Table Great Wall Commutator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Nettelhoff Basic Information, Manufacturing Base and Competitors

Table Nettelhoff Commutator Type and Applications

Table Nettelhoff Commutator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Lifeng Basic Information, Manufacturing Base and Competitors

Table Lifeng Commutator Type and Applications

Table Lifeng Commutator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Suzhou Kegou Basic Information, Manufacturing Base and Competitors

Table Suzhou Kegou Commutator Type and Applications

Table Suzhou Kegou Commutator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Electric Materials Basic Information, Manufacturing Base and Competitors

Table Electric Materials Commutator Type and Applications

Table Electric Materials Commutator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Takachiho Basic Information, Manufacturing Base and Competitors

Table Takachiho Commutator Type and Applications

Table Takachiho Commutator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table TRIS Basic Information, Manufacturing Base and Competitors

Table TRIS Commutator Type and Applications

Table TRIS Commutator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table MAM Basic Information, Manufacturing Base and Competitors

Table MAM Commutator Type and Applications

Table MAM Commutator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Toledo Basic Information, Manufacturing Base and Competitors

Table Toledo Commutator Type and Applications

Table Toledo Commutator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table United States Commutator Sales by Manufacturer (2016-2017)
Table United States Commutator Sales Market Share by Manufacturer (2016-2017)
Figure United States Commutator Sales Market Share by Manufacturer in 2016
Figure United States Commutator Sales Market Share by Manufacturer in 2017
Table United States Commutator Revenue by Manufacturer (2016-2017)
Table United States Commutator Revenue Market Share by Manufacturer (2016-2017)
Figure United States Commutator Revenue Market Share by Manufacturer in 2016
Figure United States Commutator Revenue Market Share by Manufacturer in 2017
Table United States Commutator Price by Manufacturers (2016-2017)
Figure Top 3 Commutator Manufacturer Market Share in 2016
Figure Top 3 Commutator Manufacturer Market Share in 2017
Figure Top 5 Commutator Manufacturer Market Share in 2016
Figure Top 5 Commutator Manufacturer Market Share in 2017
Figure United States Commutator Sales and Growth Rate (2013-2018)
Table United States Commutator Sales by States (2013-2018)
Table United States Commutator Sales Market Share by States (2013-2018)
Figure United States Commutator Sales Market Share by States in 2013
Figure United States Commutator Sales Market Share by States in 2017
Table United States Commutator Revenue by States (2013-2018)
Figure United States Commutator Revenue and Growth Rate (2013-2018)
Table United States Commutator Revenue Market Share by States (2013-2018)
Figure United States Commutator Revenue Market Share by States in 2013
Figure United States Commutator Revenue Market Share by States in 2017
Table United States Commutator Sales by Type (2013-2018)
Table United States Commutator Sales Share by Type (2013-2018)
Table United States Commutator Revenue by Type (2013-2018)
Table United States Commutator Revenue Share by Type (2013-2018)
Figure United States Groove Commutator Sales Growth (2012-2017)
Figure United States Groove Commutator Price (2012-2017)
Figure United States Hook Type Commutator Sales Growth (2012-2017)
Figure United States Hook Type Commutator Price (2012-2017)
Figure United States Others Sales Growth (2012-2017)
Figure United States Others Price (2012-2017)
Table United States Commutator Sales by Application (2012-2017)
Table United States Commutator Sales Share by Application (2012-2017)
Figure United States Automatic Industry Sales Growth (2012-2017)
Figure United States Household Appliances Sales Growth (2012-2017)
Figure United States Power Tools Sales Growth (2012-2017)
Figure United States Others Sales Growth (2012-2017)

Figure California Commutator Revenue and Growth Rate (2013-2018)
Figure California Commutator Sales and Growth Rate (2013-2018)
Table California Commutator Sales by Type (2013-2018)
Table California Commutator Sales Market Share by Type (2013-2018)
Table California Commutator Sales by Application (2013-2018)
Table California Commutator Sales Market Share by Application (2013-2018)
Figure New York Commutator Revenue and Growth Rate (2013-2018)
Figure New York Commutator Sales and Growth Rate (2013-2018)
Table New York Commutator Sales by Type (2013-2018)
Table New York Commutator Sales Market Share by Type (2013-2018)
Table New York Commutator Sales by Application (2013-2018)
Table New York Commutator Sales Market Share by Application (2013-2018)
Figure Texas Commutator Revenue and Growth Rate (2013-2018)
Figure Texas Commutator Sales and Growth Rate (2013-2018)
Table Texas Commutator Sales by Type (2013-2018)
Table Texas Commutator Sales Market Share by Type (2013-2018)
Table Texas Commutator Sales by Application (2013-2018)
Table Texas Commutator Sales Market Share by Application (2013-2018)
Figure Florida Commutator Revenue and Growth Rate (2013-2018)
Figure Florida Commutator Sales and Growth Rate (2013-2018)
Table Florida Commutator Sales by Type (2013-2018)
Table Florida Commutator Sales Market Share by Type (2013-2018)
Table Florida Commutator Sales by Application (2013-2018)
Table Florida Commutator Sales Market Share by Application (2013-2018)
Figure Illinois Commutator Revenue and Growth Rate (2013-2018)
Figure Illinois Commutator Sales and Growth Rate (2013-2018)
Table Illinois Commutator Sales by Type (2013-2018)
Table Illinois Commutator Sales Market Share by Type (2013-2018)
Table Illinois Commutator Sales by Application (2013-2018)
Table Illinois Commutator Sales Market Share by Application (2013-2018)
Figure United States Commutator Sales, Revenue and Growth Rate (2018-2023)
Table United States Commutator Sales Forecast by States (2018-2023)
Table United States Commutator Market Share Forecast by States (2018-2023)
Table United States Commutator Sales Forecast by Type (2018-2023)
Table United States Commutator Market Share Forecast by Type (2018-2023)
Table United States Commutator Sales Forecast by Application (2018-2023)
Table United States Commutator 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 Commutator

Figure Manufacturing Process Analysis of Commutator

Figure Commutator Industrial Chain Analysis

Table Raw Materials Sources of Commutator Major Manufacturers in 2017

Table Major Buyers of Commutator

Table Distributors/Traders/ Dealers List

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