

Specialized in Suspension and Steering Parts of Automotive

# OSUNGTECHNICS CO., LTD.

Global Business Partner For Automobile Industry



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- Company Profile

## 1. Company Overview

- Intro / History / Organization Structure
- Mechanical equipment / Warehouse

## 2. Products

- The summary of Suspension and Steering Parts
- The Specification

## 3. Capacity

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# 1. Company Overview

# 1. Company Overview

## Intro

- **Representative : Misook Kong, Choonshik Oh**
- **Date of Establishment: 07. July. 2015**
- **Headquater address : 99-3 Masan-gil, Miyang-myeon, Anseong-si, Gyeonggi-do, Rep of Korea**

- **The company keeps the basic principles**
- **The company makes constant efforts.**

**OSUNGTECHNICS is an enterprise specializing in the Suspension & Steering parts of Automobile.**

**The main products manufactured by our company are Stabilizer link, Ball Joint, Tie Rod End, Rack End and Control Arm. We are liberal with investment and research especially on the technical quality and durability of products and also on the material development. To become a leading company in the industry of automobile components, OSUNGTECHNICS is constantly improving and making efforts with introduction of automation machineries and quality improvement systems.**

**In the endless competition, OSUNGTECHNICS will pledge itself to carry out original intention and to gain trust and confidence from our customers with the idea of 'the company keeping the basic principles'.**

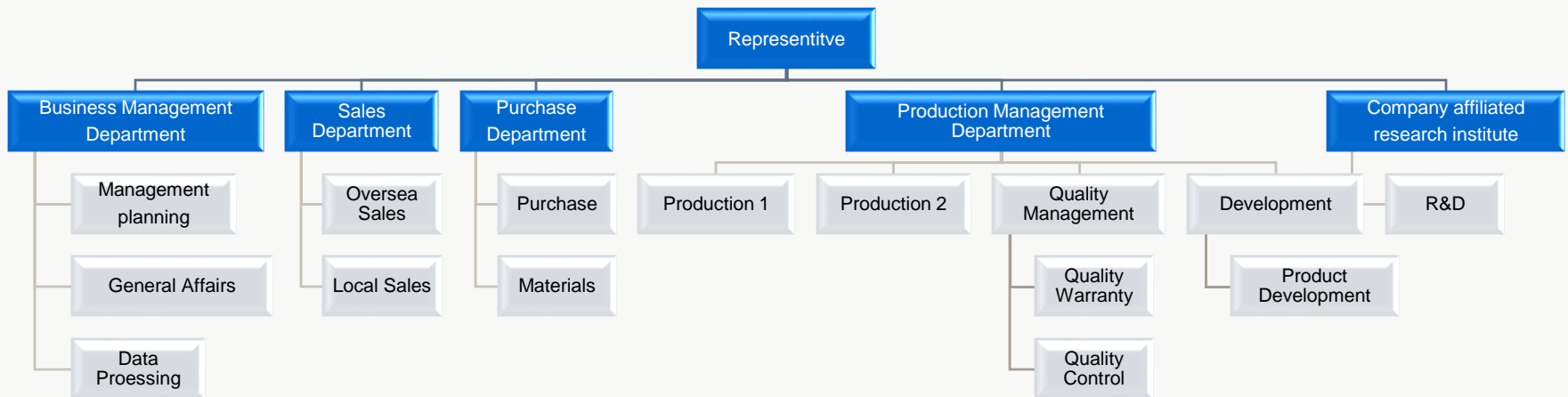
# 1. Company Overview

## History

- **1993. 10**      **Established Osung Metal Bolt**
- **1995. 01**      **Developed Camber bolt, Hub-bolt, Hub-nut, Guide rod and so on**
- **2004. 01**      **Developed Stabilizer link, Stabilizer link Assy and shoe spring kits**
- **2011. 01**      **Established HSTECH (Set up of Factory)**
- **2014. 01**      **Started to produce Stabilizer Link, Suspension parts of Automobile**
- **2015. 04**      **Changed company name to OSUNGTECH**
- **2015. 07**      **Achieved Certificate of ISO/TS16949:2009**
- **2015. 10**      **Established OSUNGTECHNICS CO., LTD. In Pocheon City, Korea**
- **2015. 10**      **Started to produce Ball joint, Tie Rod End and Rack End**
- **2016. 10**      **Started direct export**
- **2017. 07**      **Moved to the larger plant in Pocheon City, Korea**
- **2017. 10**      **Achieved R&D Certificate**
- **2018. 09**      **Achieved ISO 14001:2005**
- **2018. 10**      **Achieved Certificate of IATF16949**
- **2019. 12**      **Achieved Over \$1.5 million direct export**
- **2020. 03**      **Achieved MAIN-Biz Certificate**
- **2020. 06**      **Moved to the larger plant in Anseong City, Korea**

# 1. Company Overview

## Organization Structure



# 1. Company Overview

## Round bar cutting machine





# 1. Company Overview

## Round bar chamfer machine





# 1. Company Overview

## Ball stud and bearing press machine



# 1. Company Overview

## Welding machine



# 1. Company Overview

## Oil-hydraulic press machine





# 1. Company Overview

## CNC lathe machine



# 1. Company Overview

## Automatic packing machine





# 1. Company Overview

## Warehouse

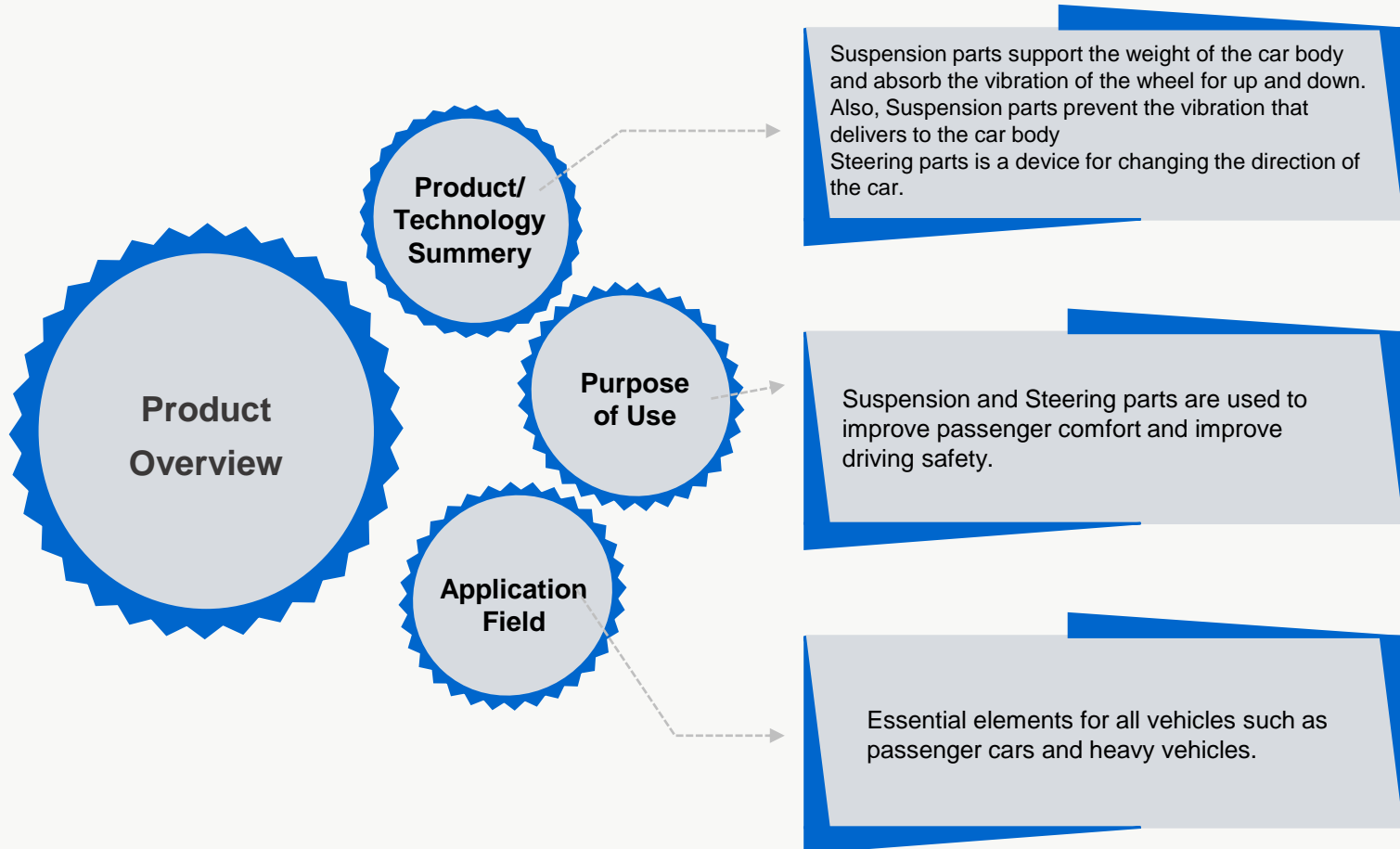


## 2. Product

- A. **제품의 개요 (The summary of Suspension and Steering Parts)**
- B. **규격 및 사양 (The Specification)**



## A. 제품의 개요 (The summary of Suspension and Steering Parts)



## 2. Product

### Stabilizer link



## 2. Product

### Ball joint



## 2. Product

### Tie rod end



## 2. Product

### Rack end



## 2. Product

### Control arm



## 2. Product

### Bolts and nuts 볼트 너트

ROD ASSY-GUIDE



HUB-NUT



HUB-BOLT&NUT



HUB-BOLT



BOLT ASSY-CAMBER



BOLT-CYLINDER HEAD

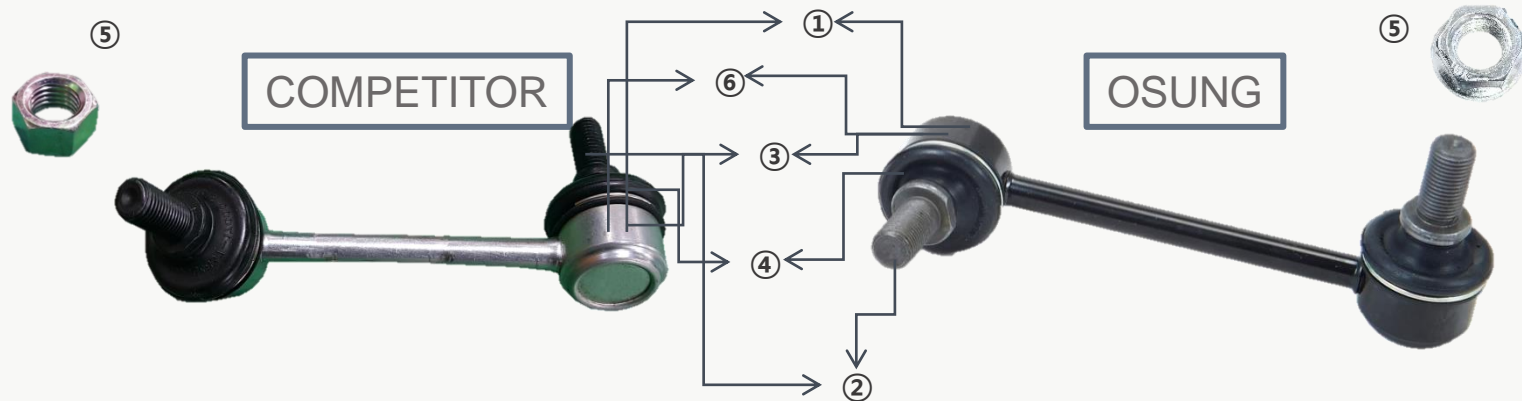




## B. 규격 및 사양 The specification

## B-1. Standard and Specifications (Stabilizer Link)

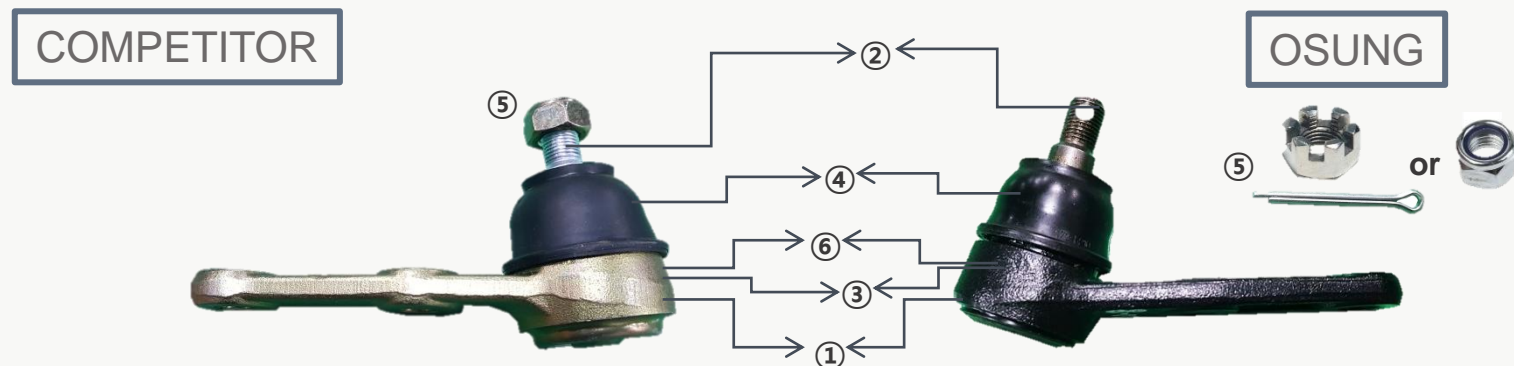
Stabilizer Link is a small bar that connects the suspension with stabilizer. Also, It keeps the balance of the Car body and suppress the noise.



	A Company (Korea)	B Company (China)	OSUNG
① Case	Normal Chromium Plating	Normal Chromium Plating	- Electro coating (Black) - Eco-friendly Chromium Plating
② Ball Stud	No heat treatment (silver color)	No heat treatment (silver color)	Heat treatment (OE Quality, BLACK color)
③ Injection	General Nylon (Easy to be transformed due to Temperature)	General Nylon (Easy to be transformed due to Temperature)	Special Nylon (High thermal resistance and High Abrasion Resistance)
④ Rubber Material	NBR	NBR	CR (OE Quality)
⑤ Nut	Hexagon Nut (Heat treatment)	Hexagon Nut (No heat treatment)	Flange Nut (Heat treatment)
⑥ Grease	Lose Lubrication ability over 180°C	Lose Lubrication ability over 180°C	OE Quality

## B-3. Standard and Specifications (Ball Joint)

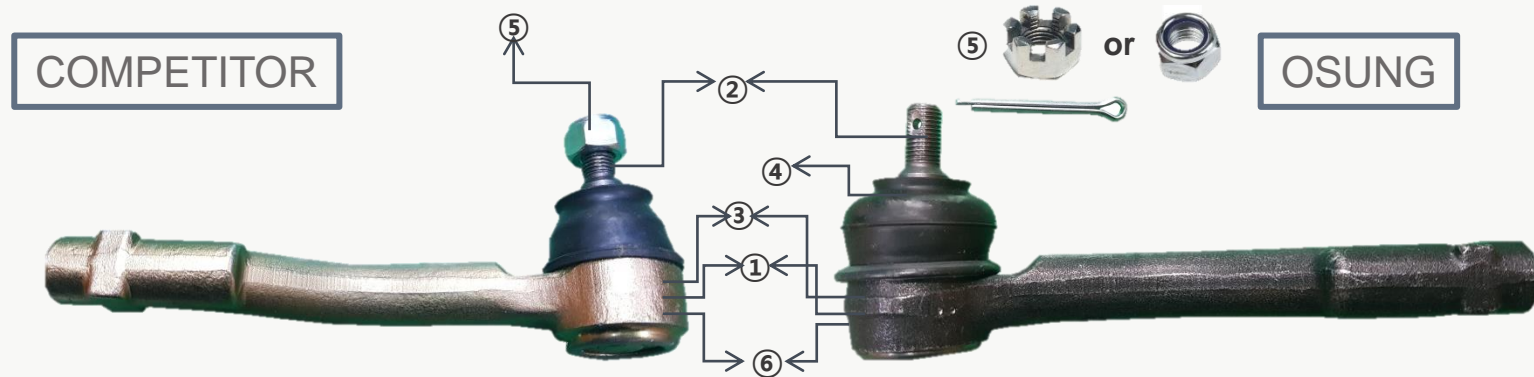
Ball Joint is a spherical bearing that is connecting the steering knuckle and the suspension control arm. It assists to rotate freely and the steering knuckle is to act as a center of rotation during the rotation of the steering wheel.



	A Company (Korea)	B Company (China)	OSUNG
① Forging	Normal Chromium Plating	Normal Chromium Plating	- Electro coating (Black) - Eco-friendly Chromium Plating
② Ball Stud	No heat treatment (silver color)	No heat treatment (silver color)	Heat treatment (OE Quality, BLACK color)
③ Injection	General Nylon (Easy to be transformed due to Temperature)	General Nylon (Easy to be transformed due to Temperature)	Special Nylon (High thermal resistance and High Abrasion Resistance)
④ Rubber Material	NBR	NBR	CR (OE Quality)
⑤ Nut	Nylon insert Locking nut	Nylon insert Locking nut	Nylon insert Locking nut Or Castle nut with Pin
⑥ Grease	Lose Lubrication ability over 180°C	Lose Lubrication ability over 180°C	OE Quality

## B-5. Standard and Specifications (Tie Rod End)

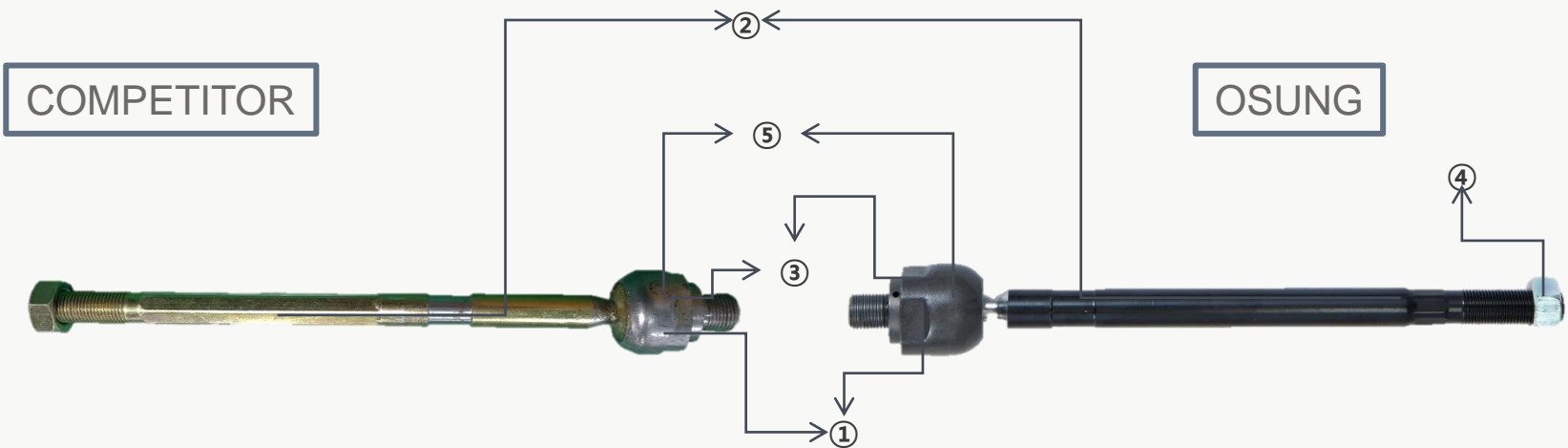
Tie Rod End is connected to the ends of the steering wheel. It makes possible to rotate and dump up and down, left and right of an automobile tire.



	A Company (Korea)	B Company (China)	OSUNG
① Forging	Normal Chromium Plating	Normal Chromium Plating	- Electro coating (Black) - Eco-friendly Chromium Plating
② Ball Stud	No heat treatment (silver color)	No heat treatment (silver color)	Heat treatment (OE Quality, BLACK color)
③ Injection	General Nylon (Easy to be transformed due to Temperature)	General Nylon (Easy to be transformed due to Temperature)	Special Nylon (High thermal resistance and High Abrasion Resistance)
④ Rubber Material	NBR	NBR	CR (OE Quality)
⑤ Nut	Nylon insert Locking nut	Nylon insert Locking nut	Nylon insert Locking nut Or Castle nut with Pin
⑥ Grease	Lose Lubrication ability over 180°C	Lose Lubrication ability over 180°C	OE Quality

# B-7. Standard and Specifications (Rack End)

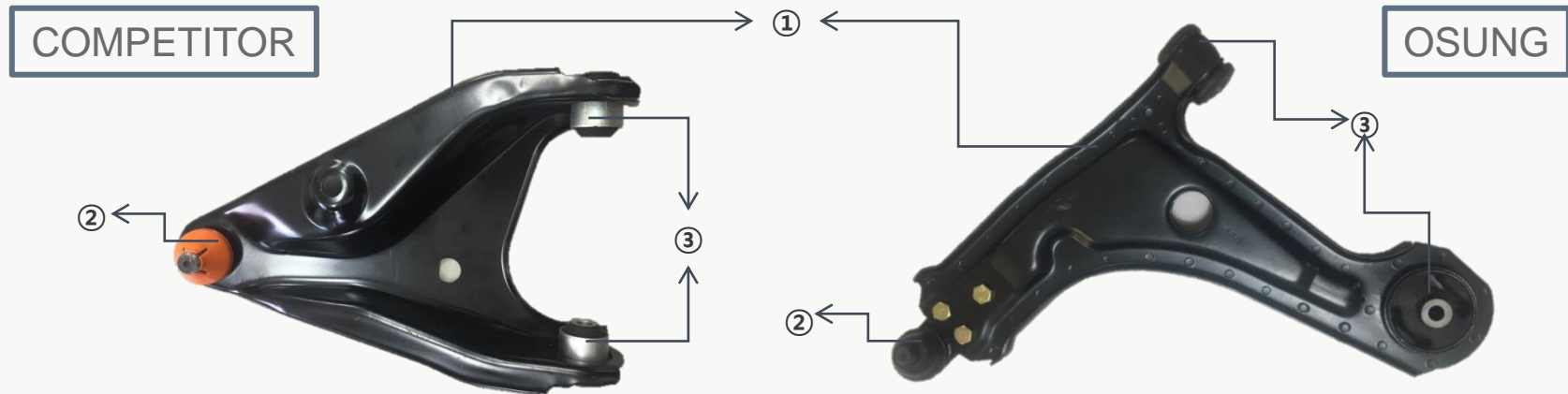
Rack End is a direct connection between the rack bar and the tie rods. It transfer the force to the left and right wheels.



	A Company (Korea)	B Company (China)	OSUNG
① Spherical Shell	Non-Phosphate Treatment	Non-Phosphate Treatment	Phosphate Treatment (Dark Grey)
② Ball Pin	Normal Chromium Plating	Normal Chromium Plating	Electro coating (Black)
③ Injection	General Nylon (Easy to be transformed due to Temperature)	General Nylon (Easy to be transformed due to Temperature)	Special Nylon (High thermal resistance and High Abrasion Resistance)
④ Nut	Not Included Or Chromium Plating	Not Included Or Chromium Plating	Included Chromium Plating (silver)
⑤ Grease	Lose Lubrication ability over 180℃	Lose Lubrication ability over 180℃	OE Quality

## B-9. Standard and Specifications (Control Arm)

Control Arm is a hinged suspension link between the chassis and the suspension upright or hub that carries the wheel.



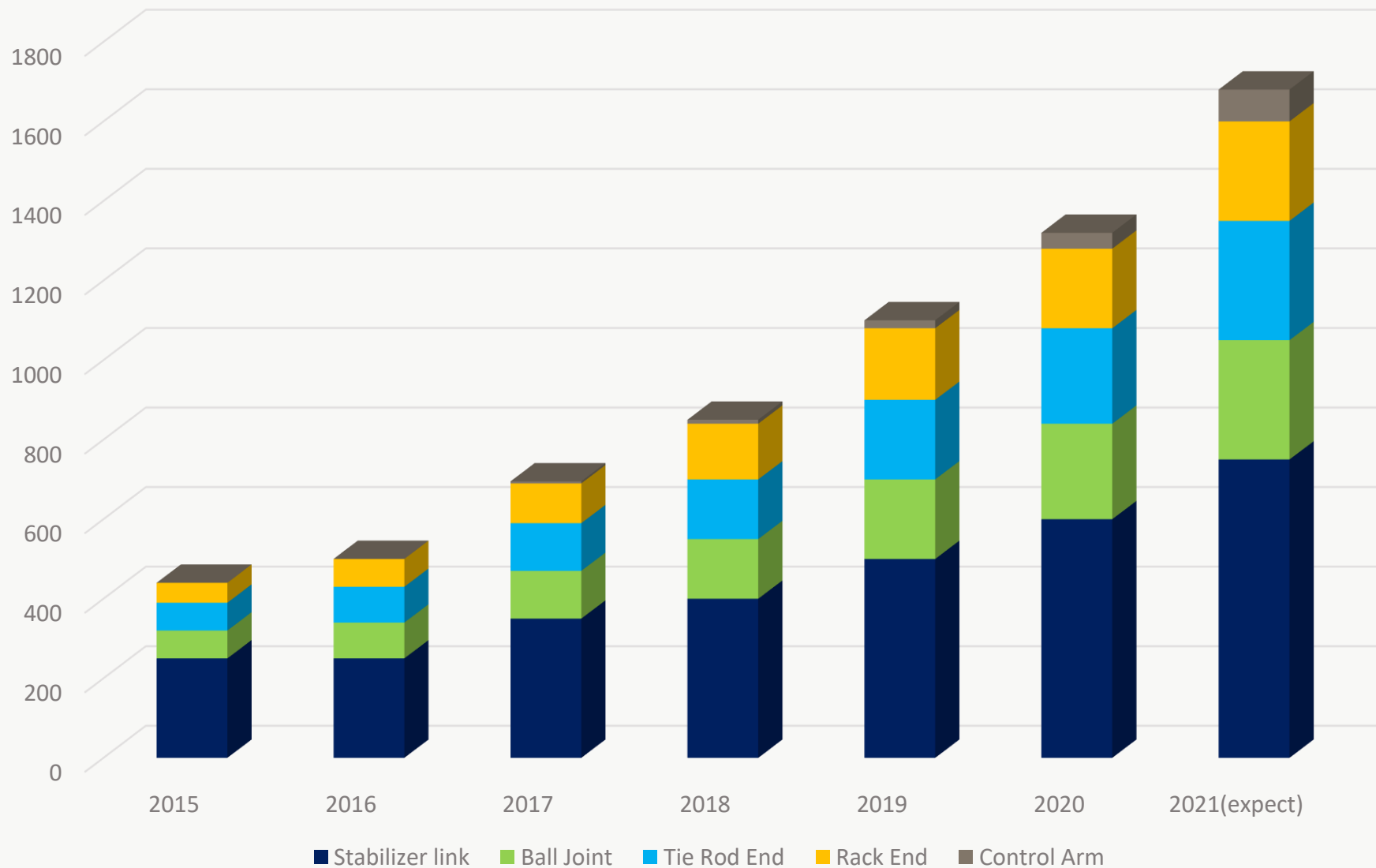
	A Company (Korea)	B Company (China)	OSUNG
① Body	- Electro coating (Black)	- Electro coating (Black)	- Electro coating (Black)
② Ball Joint	- Low thermal resistance - Low abrasion resistance - High temperature variation	- Low thermal resistance - Low abrasion resistance - High temperature variation	- High thermal resistance - High abrasion resistance - Low temperature variation
③ Bushing	- Material : NBR (Easy to be cracked) - Manufactured in China	- Material : NBR (Easy to be cracked) - Manufactured in China	- Material : CR (OE Quality) - Manufactured in Korea
④ Attached Condition	- No Separation	- No Separation	- No Separation

### 3. Capacity



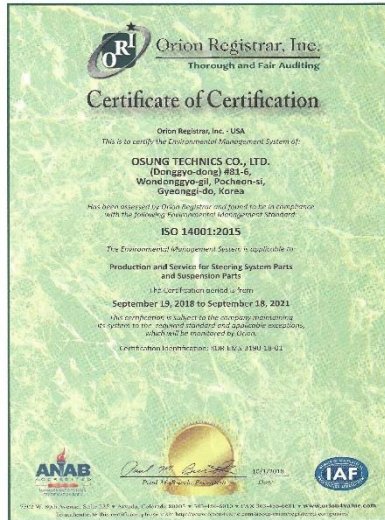
## Production increase status between year 2015 to 2020

Unit : 1000



## 4. Certificates

## 4. Certificates



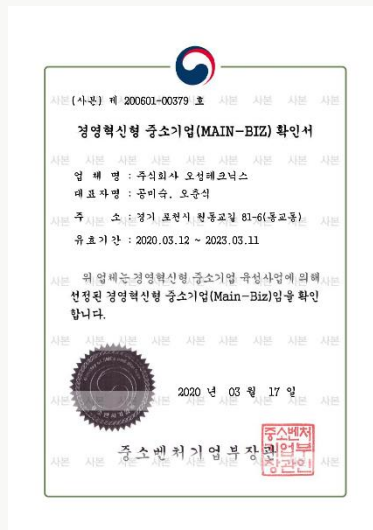
- ISO14001



- IATF16949



- Promising Export Small and Medium Business Certificate



- MAIN-BIZ



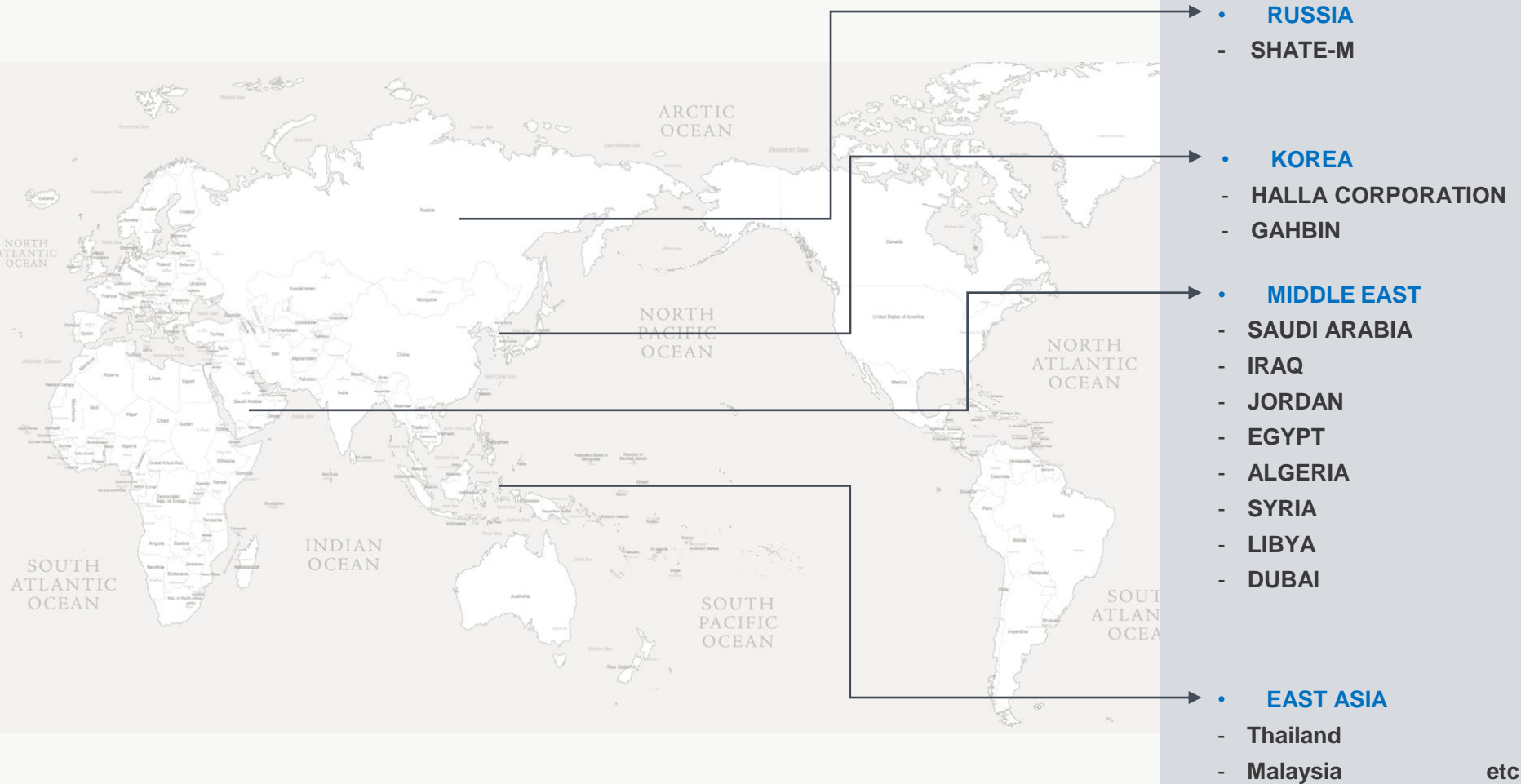
- R&D Certificate



- Trademark registration certificate

## 5. Main Clients

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# Thank you

## Contact

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