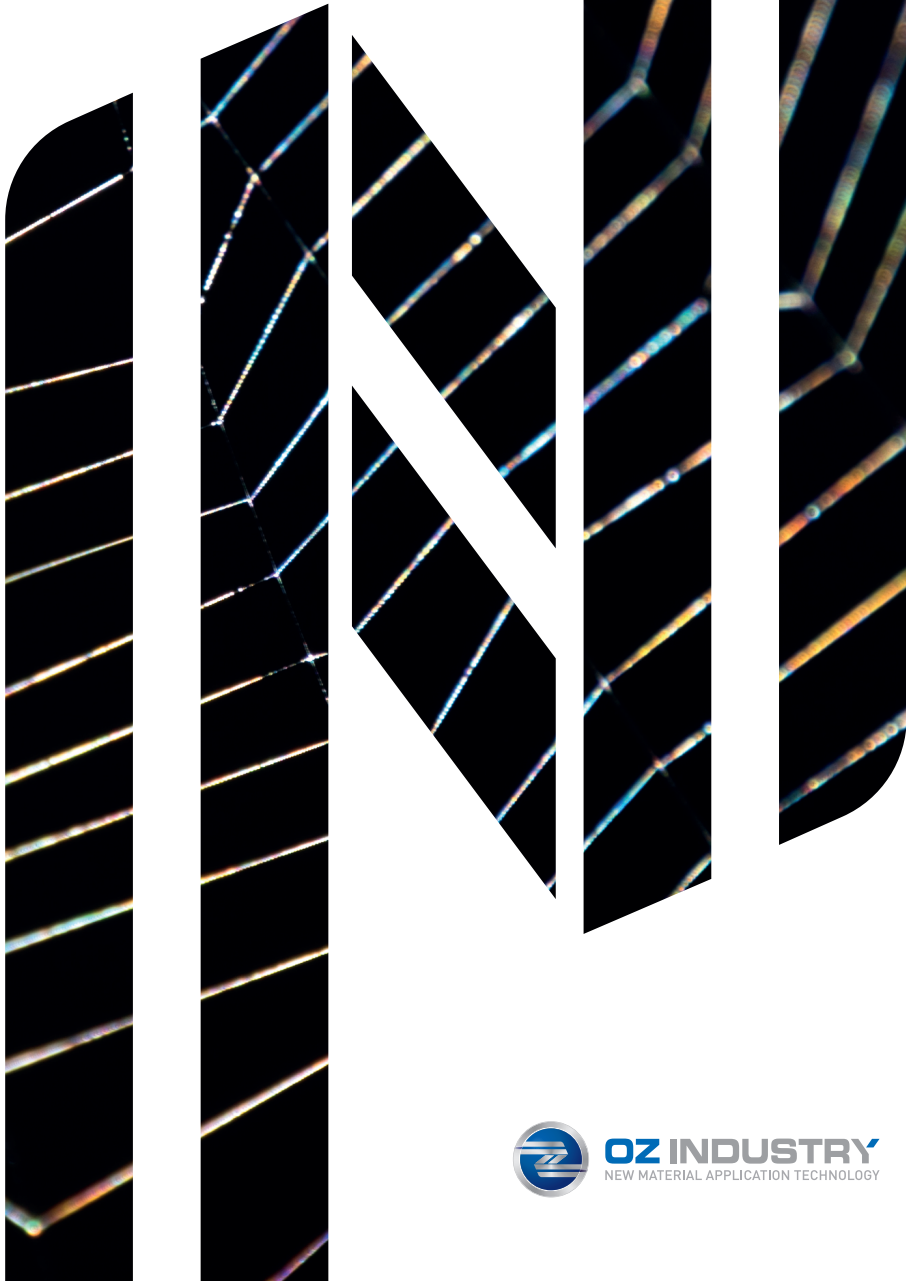


# OZ INDUSTRY

INSPIRE THE WORLD, CREATE THE FUTURE

PRODUCTS CATALOG





**Oz Industry** has pursued the goal of human benefits and new future values on the new ideas and technologies.

### Company Vision



### Certificates & Patents



### 2016 •

- 10 Patent registration for Composite Lashing Bar
- 01 Established ex-company "OZS"

### 2017 •

- 12 Selected as an outstanding project by government
- 10 KOMARINE 2017 (BEXCO in Busan) omarine 2017 Exhibitor
- 09 International patent application(43 countries)
- 04 SMART-IP CARE Project Agreement Established R&D center Research & Business Development(R&BD) Agreement
- 03 K-Start Up Support Project Agreement Patent application for PCT Collected Investment capital
- 02 Founded "OZ INDUSTRY"

### 2018 •

- 10 International Patent Application in Russia and India
- 08 Acquired ISO9001:2015(QMS) Certified Approval In Principle(AIP) for Composite Lashing Bar by KR
- 06 POSIDONIA 2018(in Athens) Exhibitor Installed the self test system
- 05 Patent registration for Lashing Bar & Manufacturing
- 03 Opened a manufacturing workshop

### 2019 •

- 11 Ministry of Trade, Industry and Energy : Material parts-CCT development Agreement Ministry of SMEs and Startups : Startup Growth Technology Development Project Agreement CERTIFICATE OF PATENT IN SINGAPOR (11201707981U)
- 10 KOMARINE 2017 (BEXCO in Busan)omarine 2019) Exhibitor

### 2020 •

- 07 ABS Confirmation of Product Type Approval(Knob Type)
- 06 ABS Material Certification Report(Knob Type)
- 05 Ministry of Trade, Industry and Energy : Material parts-TD(Packaging Project)
- 01 Plan Approval Comments from CCS(Knob Type)

# Composite Tie Rod

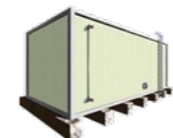
## Water Tank Type



SMC Water Tank



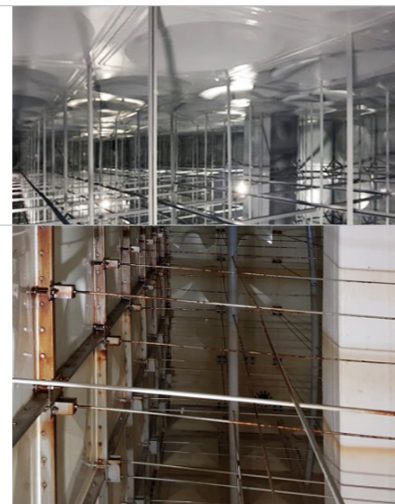
STS Water Tank



PDF Water Tank

## Tie Rod



Internal reinforcement to prevent deformation due to internal water pressure in the water tank (reservoir)



## Problems

1. Rapid corrosion occurs due to salt or chlorine components in the water tank
2. Shorten the life of the product due to corrosion and cracking caused by welding or processing parts.
3. Proliferation of bacteria harmful to human body due to corrosion.

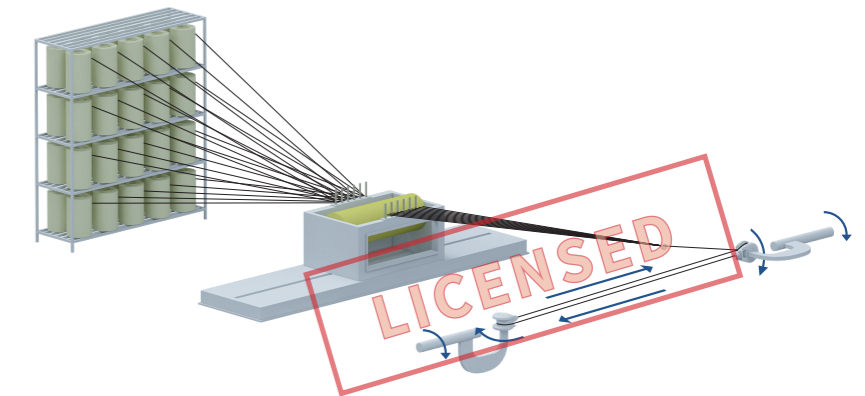
## Comparison

Stainless Steel Tie Rod		Composite Tie Rod
		
Equal ○	Tensile Strength	◎ <b>Higher</b>
Occur ×	Corrosion	◎ <b>Not Occurring</b>
Heavy ×	weight	○ <b>Lighter Weight</b>
Double rows ×	Working	◎ <b>Single rows</b> <b>Excellent Working</b>
Not Permanent ×	Product Life	◎ <b>Semi-permanent</b>
Equal ○	Price	○ <b>Equal</b>

◎ Best ○ Good △ General × Bad

## Winding process development for new material filament

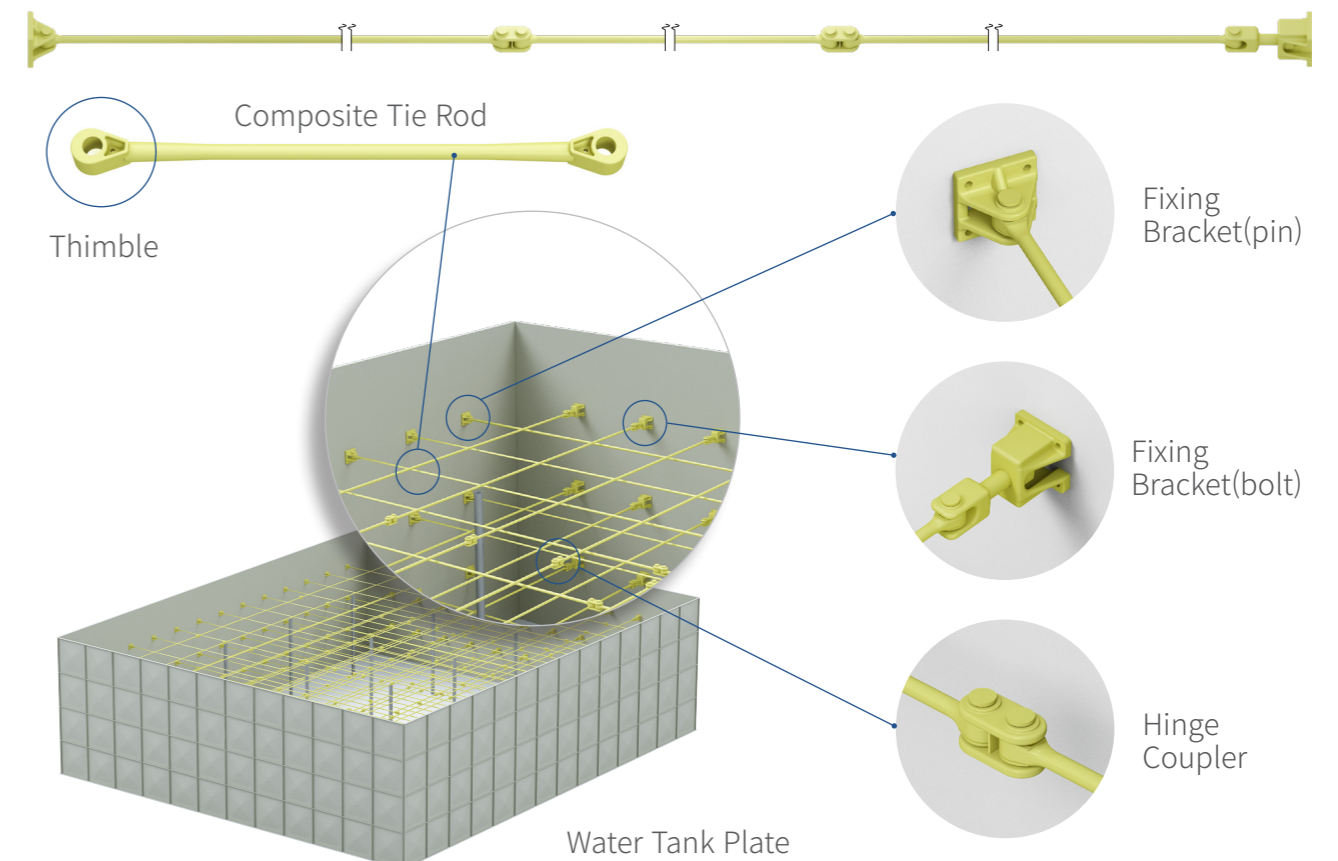
Reducing the cost due to improving the manufacturing process on ends linked.



\*Patent No. 10-1669582

## Composite Tie Rods

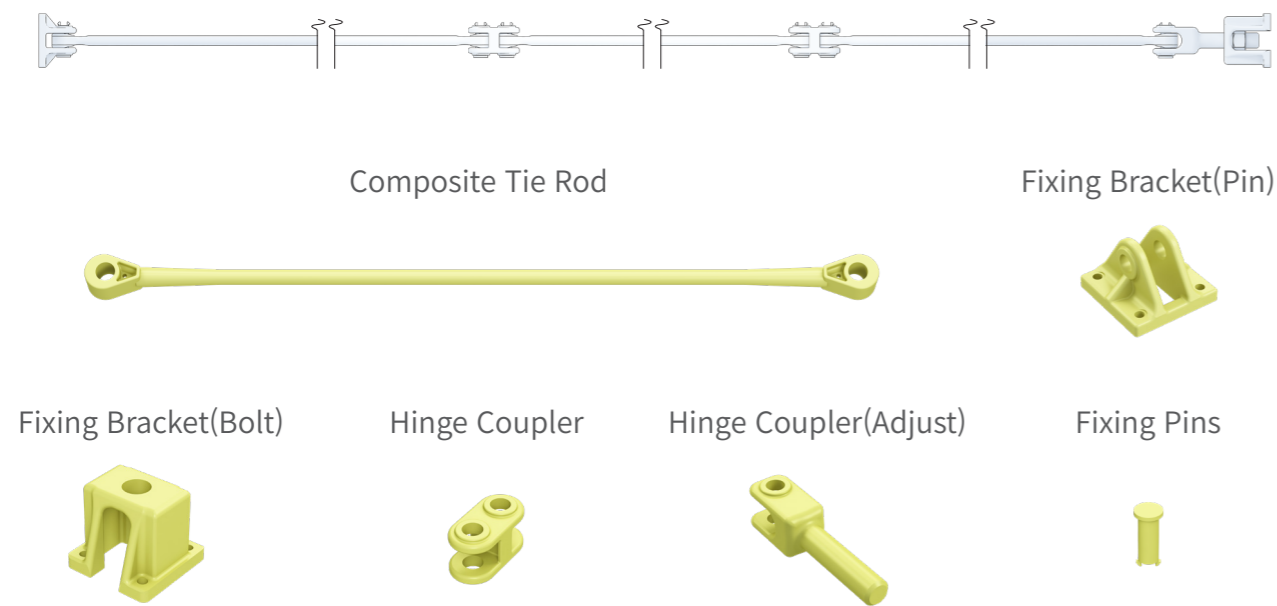
Hygienic product that is harmless to the human body / Eco-friendly product that is excellent corrosion resistance / Semi-permanent product that is quality recognition / Safety and cost improvement product that is simple method



# Derivatives Products Business

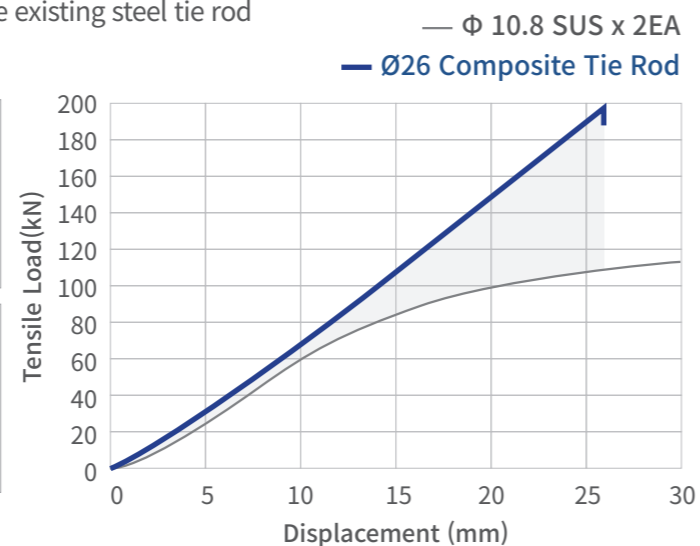
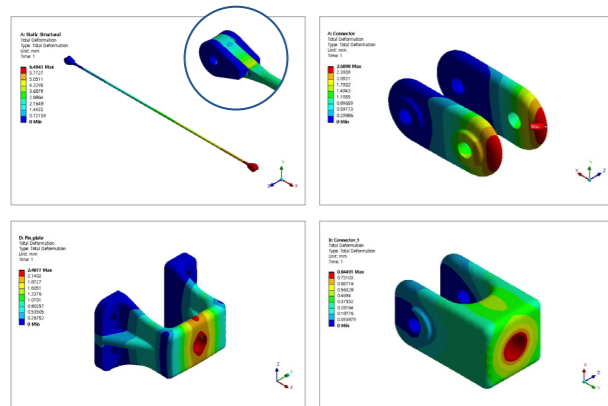
As a derivative business that applies patented technology for new materials, it is applied to various fields that require high strength and weight reduction.

## Composite Tie Rod Parts



## Structural analysis and testing

Checking the performance equal or higher than the existing steel tie rod



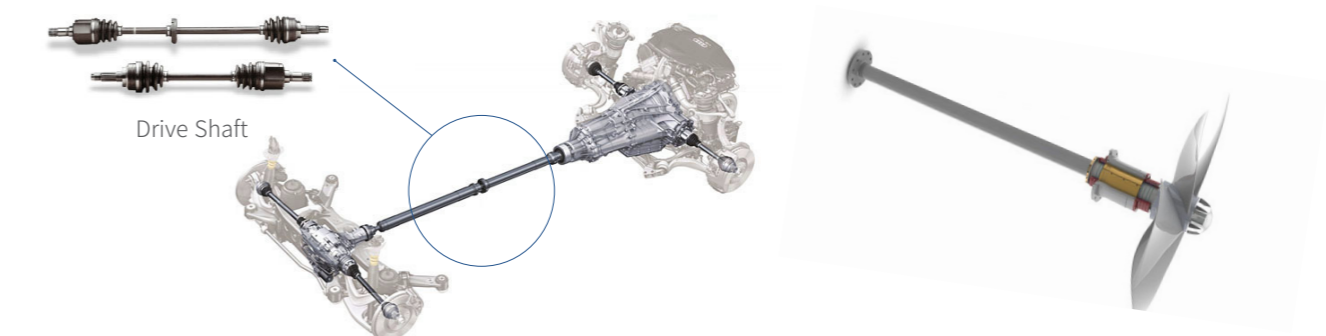
## Composite Lashing Bar

Lashing Bar is a securing device with being manufactured by high tensile steel for containers, which is in compliance with the Classes's stringent rules & regulations.

Securing Composite Lashing Bar



## Automobile / Shipbuilding propeller & driver shaft



OZ INDUSTRY ALWAYS  
PURSURE AN INNOVATION.



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