

**Material Technical Innovation Group**  
**TITANIUM Parts Popularization**

# TITANIUM WORLD



**Mass Production**  
**Automated Production**  
**Cheap Price**

# About us

We are the eco-friendly company leading the popularization of titanium that can be applied in various fields from the core space aerial titanium parts to the titanium things for everyday life with our new technology to produce the titanium materials of high price cheaply

## MTIG Business

- Production and sales of titanium powder
- Titanium PM parts manufacturing
- Titanium MIM parts manufacturing
- Titanium plasma thermal spray coating
- Surface treatment in natural titanium colors
- Titanium NC/CNC parts
- Materials for sale

## Titanium's features and functionality

- High strength,
- Ultra-lightweight,
- High Corrosion Resistant,
- Human-friendly,
- Implementation of various



## TITANIUM IT PARTS

Kind - Hinges, Electric Device Inner/  
Outer Materials, Electric Button,  
Cell Phone Case, Wafer Carrier, Etc



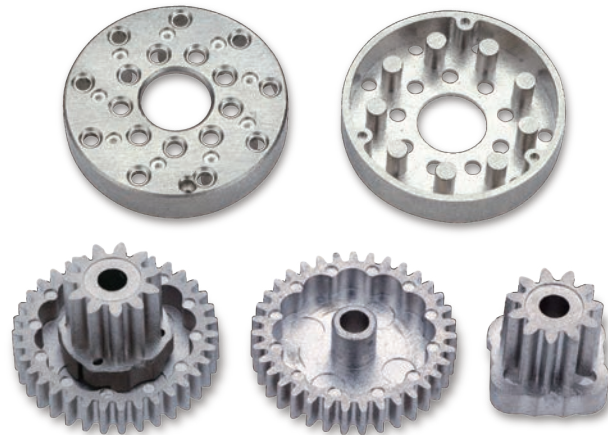
## TITANIUM MACHINE PARTS

Kind - Bolt, Nuts, Washers  
- Auto Motive, Aerospace,  
Other Industrial Parts



## TITANIUM ROBOT PARTS

Kind - Precision Gear, Etc



## TITANIUM POWDER

Kind : Ti , TiH<sub>2</sub>, Alloy Powder  
Size : Under 200, 325, 625 mesh





# TITANIUM MEDICAL PARTS

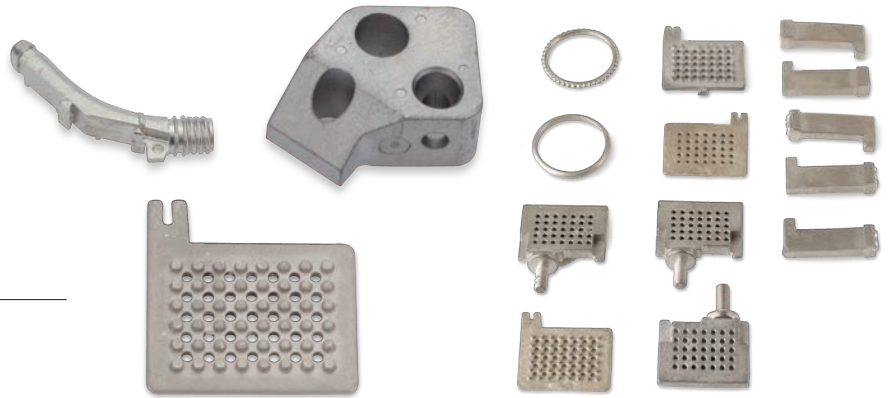
Kind

- Orthopedic Parts : Plate, Screw, etc
- Medical Alloy Parts for Hip-joint Shape Memory
- PM of Dental Implants
- Custom Made for Medical Special Parts
- Joint Implants, Dental Implants Packaging Parts



# TITANIUM HIGH PRECISION PARTS

- Kind - Bolt, Nuts, Washers, Electrode  
- Auto Motive, Aerospace,  
Other Industrial Parts



# TITANIUM LIFE DEVICES

- Kind - Spoon, Knife, Fork, Etc



# TITANIUM BEAUTY TOOLS

- Kind - Scissors, Cutter, Etc



# TITANIUM FASHION SUBSIDIARY

Kind  
Button-Zipper Handle, Jewelry Pendants,  
Bracelet, Other Fashion Subsidiary  
- Jewelry, Crosses, Bullet, Rings



# TITANIUM SEAL KIND

Kind -Seal

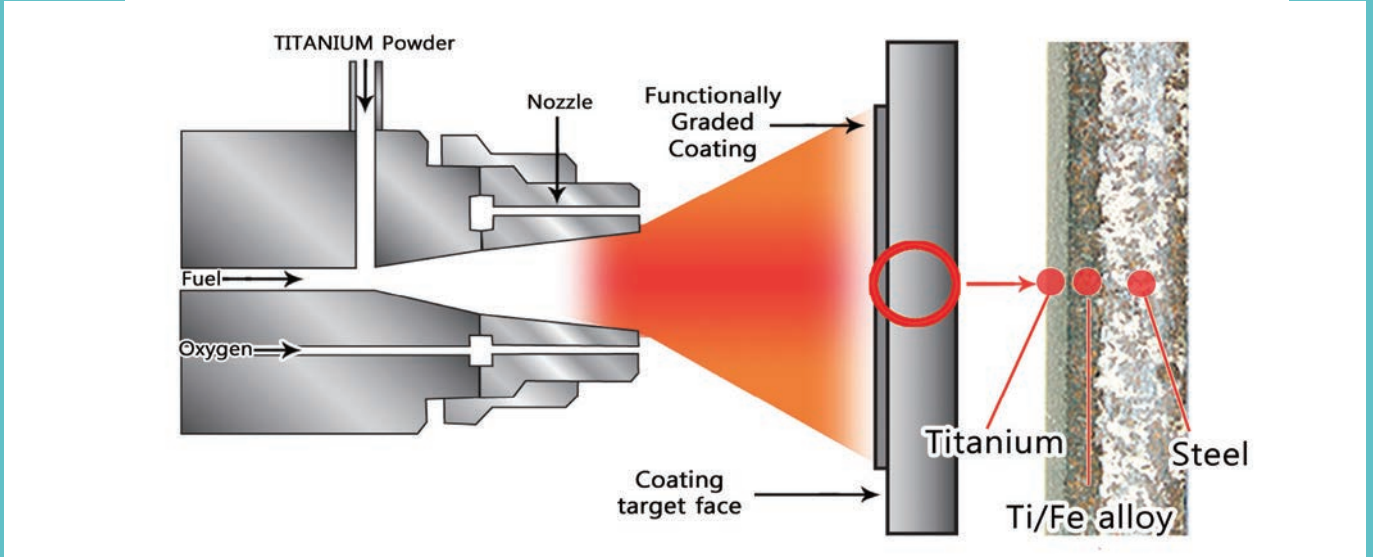


# TITANIUM COLOR

Implementation of human-friendly natural color  
Materialization of over 100 colors  
Prevention of special fingerprint



# TITANIUM PLASMA THERMAL SPRAY COATING



## 1) How to coat

- Titanium thermal spray coating in air

## 2) Characteristics of coating

- Coating face is not divided due to chemical combination and function of graded. Products by forming an alloys layer between titanium coating face and object metal.
- Realize perfect titanium coating by minimizing thermal expansion coefficient among different metals.



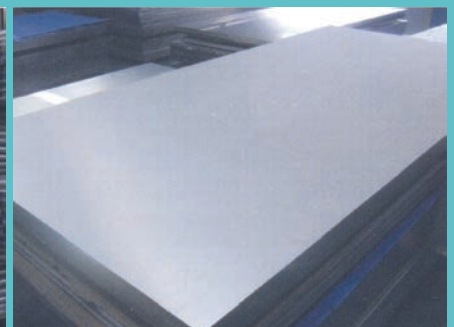
## 3) Expected Effect

- Prevent rust for 100 years in seawater by one thermal spray coating
- Reduce cost as you can produce titanium products by selective thermal spray coating for the required area only
- Superior price competitiveness because of titanium thermal spray coating in air
- Superior price competitiveness compared with special coating for seawater



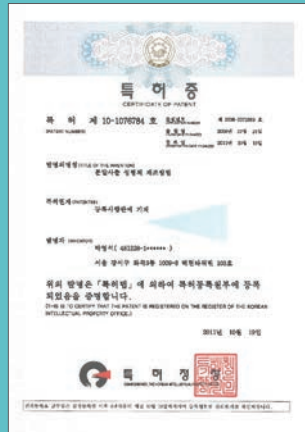
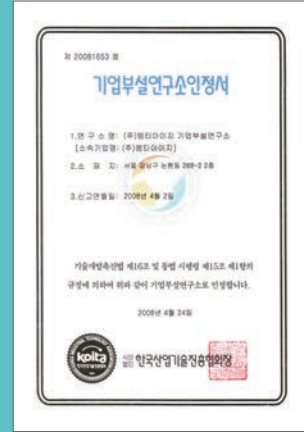
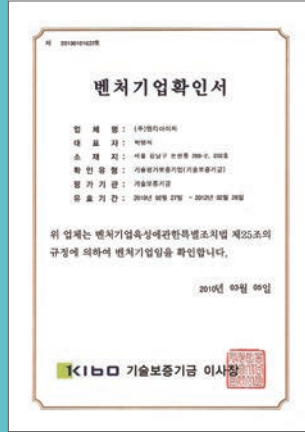
# TITANIUM RAW MATERIAL

Pure Titanium, Titanium Alloy,  
Shape Memory Alloy  
Kind : Rod, Wire Rod, Plate, Pipe, Etc





# MTIG CERTIFICATION DATE



1. Certification of ISO 9001 : 2000
2. Venture Business Certificate
3. Certification of Attached Research Institute of Enterprise
4. Certification of RoHs
5. Korea International Trade Association membership
6. GD(Good Design) Certification and Awarded by (President of Institute of Design Promotion)
7. SBA Promising Export Certificate
8. Domestic Patent : 15, Chinese Patent : 1
9. Certification of NET (New Excellent Technology)



Material Technical Innovation Group

## Company Information

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