Customer Satisfaction from BEST QUALITY

DOOWON

INDUSTRIES CO.

Leading manufacturer in Korea, Supplying OEM parts for automobiles. for Friction Disk & Thrust Washer







CEO Massage

Doowon Industries aims for the leader in manufacturing & service with a specific product group that customer needs.

Established in 1994, our company has the motto of technology development for customer satisfaction, and manufactured automobile components during the past 20 years. Our clients include renowned conglomerates, which we are producing and supplying internal combustion engine and driving system components.

Also, we have founded the company-affiliated R&D institution, focusing on development in special components using sintering technique. As a production company specializing in material, we are expanding our business field by manufacturing sintering wear plate that can be used in synchronizer friction ring for the vehicle's manual transmission, large-sized brake system, clutch and others.

Doowon Industries promise customers that they will be satisfied with top quality by realizing tailored production service for specific material in need and simultaneously focusing on continuous R&D and investment.

Thank you very much.

Doowon Industries CEO, Won-Seok Lee



VISION



Our company delivering high customer satisfaction through top-grade quality and technology development.

By producing high quality products with R&D in new materials and many years of processing knowhow, we aim for a company expanding together with our customers by achieving customer satisfaction.

HISTORY



CERTIFICATION

Doowon Industries is always with you in the future through R&D and quality improvement.



R&D Institution Certificate



Company-affiliated Excellent Company in Technology **Evaluation Certificate**



Management Innovation for Small and Medium Businesses Confirmation



Quality Management System Certificate ISO9001:2009



Manufacturing Method and Patent Registration of Friction Ring



Patent Registration of Thrust Washer



Installed and operating by adopting South Korea's largest synchronous sintering furnace. According to customer's request, we can produce from small-sized Ø60 to mega-sized Ø650.

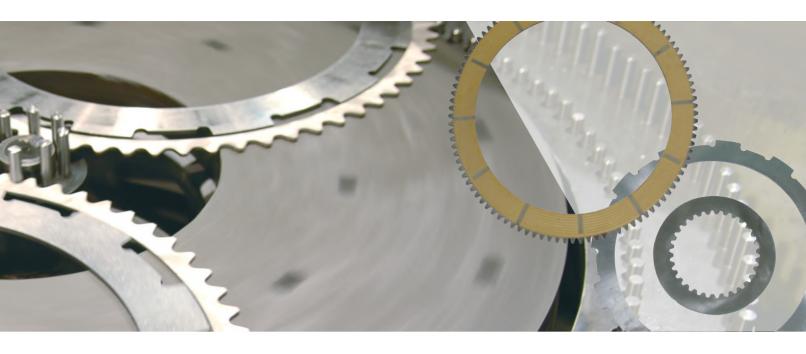


Friction Disk, Steel Plate

Applied Industry



from BEST QUALITY



Condition of Related Facilities



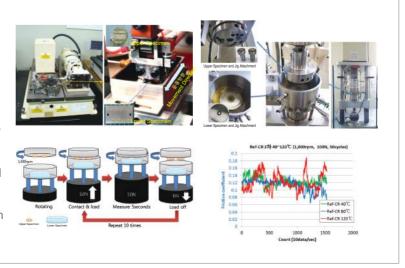


Sintering Furnace No.2

Cooperation with R&D

KATECH KOREA AUTOMOTIVE TECHNOLOGY INSTITUTE

- Cooperating Department
 Center Manager Joon-Won Min
 from Environment-Friendly
 Material Technology R&D Center
- Measure friction factor using analyzing equipment and mutual development on test module
- Provides performance evaluation of products and test certificate





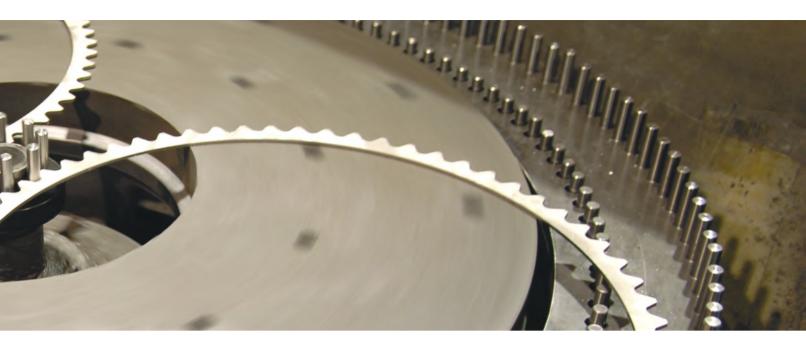
Through independent technology development, we have succeeded in localization of friction ring used in multi-cone type synchronizer ring. We can supply corn type friction ring with requested standard by using our own facility.



Synchronizer Friction Ring

Applied Industry





Condition of Related Facilities



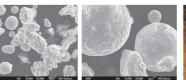


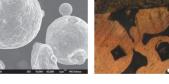
Sintering Furnace No.1

Cooperation with R&D

CNU CHUNGNAM NATIONAL UNIVERSITY

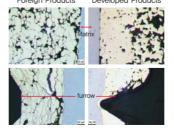
- Cooperating Department New Material Engineering Department, Professor Soon-Ik Hong
- Mutual research on compositional analysis and optimized compositional value for sintering of mixed alloy
- Providing research material through minute structure analysis of sintering items and filming of shape

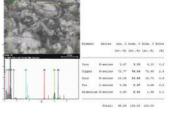


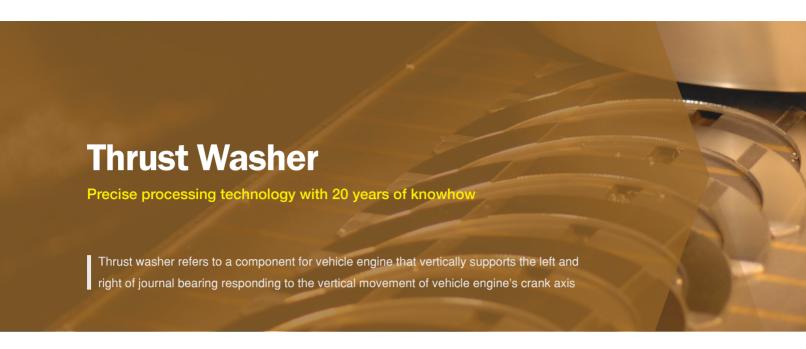




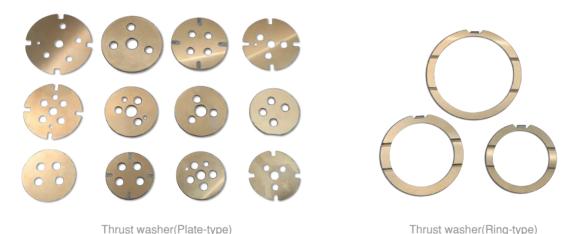




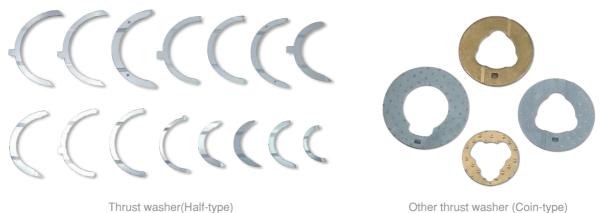




During 20 years of business, we produced thrust washers, and manufacture and deliver all types of thrust washers that customers need regardless of quantity. When producing plate-typed thrust washer, we guarantee our product's quality based on independent production technology for high-intensity steel plate with thickness of 6T.



When producing half type thrust washer, production of large-sized over Ø100 that is difficult for adopting automation facilities can be done, and top-grade quality is guaranteed for whatever size requested.



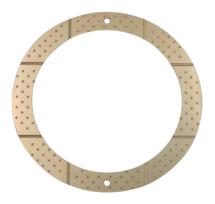
Thrust washer(Half-type)

DOOWON Industries co.



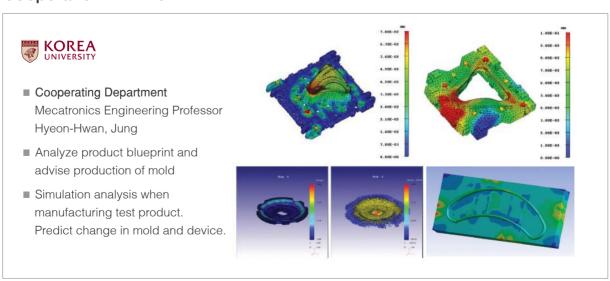
Thrust Washer made with Sintering Material

If the material that customer requested is not avaliable, we manufacture and provide self-produced thrust washer by mixing compositional powder that customer wants.



Sintering thrust

Cooperation with R&D





As the automobile industry evolved to electric cars, we hold processing technology such as dry bush using Teflon coating material, further promotes continuous R&D.





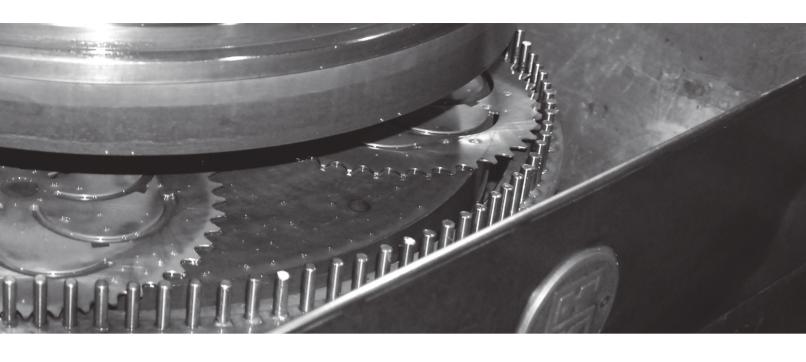


Half Bearing



DOOWON Industries co.





Condition of Related Facilities



Condition of Self-retention examination equipment

