

TAKAHA SOLENOID

Earth friendly solenoid to be sent to you

Brand of Safety and Trust Takaha Solenoid

**TK TAKAHA KIKO** CO.,LTD.  
Takaha Kiko Co.,Ltd.

| Corporate profile

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**TAKAHAKI**  
**CO., LTD.**

Takaha Kiko Co.,Ltd.

## Corporate profile



Our motto is

# To contribute to the industry society

By our Takaha solenoid brand.

## Greeting

We have renewed of our company homepage on our 30th year from establishment.

We have revised our homepage putting weight on how our customers can look at it with ease, because we want customers everywhere to see our products.

On our internet shop, we have made it easy for our customers to choose the product they want. Also, we have confidence in our quality, delivery, price as a direct selling maker.



## New products are good for the environment.

## We are aiming for the new market.

Takaha is not just a “manufacturing company”. “Let’s make thin that will impress the world!” “And let’s sell I at a price that will impress the world!” was our motive and continued on making a new product.

We believe that “The Hercules solenoid” the new product our company made, can meet our customer’s “power up”, and “characteristics improvement” needs.

Furthermore, we are now tackling on making “eco solenoids” and “reuse(recycle) solenoids” considering the environment problem, staring the greenhouse effect. All of these are sold just like the existing type, at a reasonable cost.

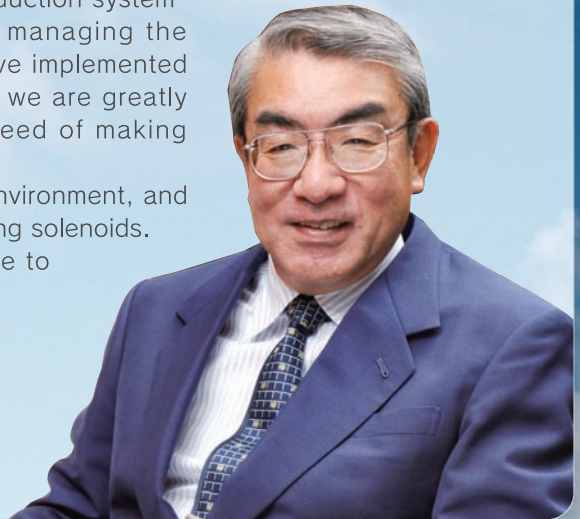




It has been 30 years since Takaha was established. The reason we have been a “solenoid only maker” for this long, would not have been without our customers, and our suppliers. I am greatly thankful from the bottom of my heart. Our company has held “The integrated production system” from our establishment. By making and managing the solenoid parts inside our company, we have implemented low cost, high quality, speed. Especially, we are greatly appreciated by our customers of our speed of making samples along with the quality of it. Takaha will contribute to saving the earth environment, and contribute to the industry society by producing solenoids. We would appreciate it, if you will continue to support us.

Takaha Kiko Co.,Ltd.  
President

**Taisuke Okubo**





# Takaha Products

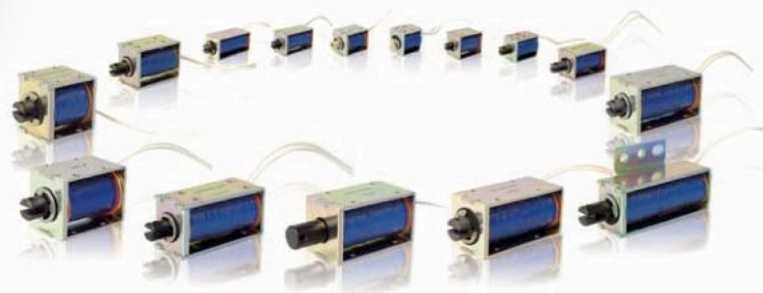
Safe, Reliable, High-quality and now,  
solenoids have come to a new ECO era

## Push solenoid

By attaching a push bar on the top of the plunger, this type pulls and pushes at the same time. This solenoid simply "pushes", so, it does not need a complicated mechanism.

## Pull solenoid

The standard type solenoid.  
When it impresses, it pulls the plunger,  
so it is called the "pull solenoid".  
This type is a rather inexpensive type,  
used for a wide range like  
office machine devices and  
cars.



By improving the Hercules solenoid,  
we have made an **eco type** solenoid.

## Magnet latching solenoid

The magnet latching solenoid is used in things like lock systems. The plunger is continues pulling after the power is turned off. This is because this has a magnet inside which holds continues pulling and only uses electricity when it recovers from pulling.



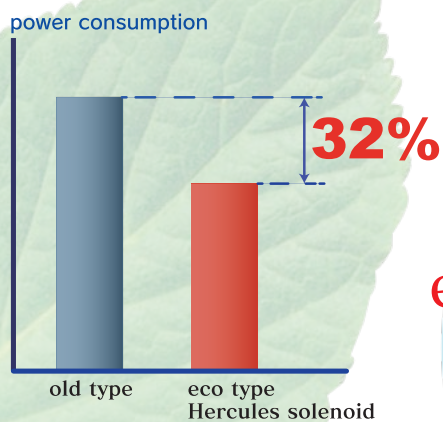
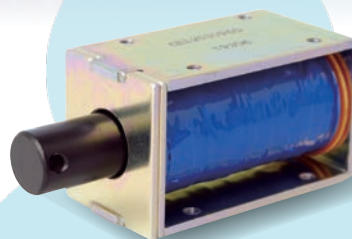
## Hercules solenoid

Takaha's technology has changed the common thought of solenoids coils! Also adding annealing, the pull force increased over 40%!!!



## New eco type solenoid has come

The eco type solenoid is a product that reduces the loss of magnetic field by its original coil structure and also, by using a special material, it reduces that it uses, but maintains the pull force. By reducing the usage of the electricity, it can save the electricity resources.



For example...

**CE10530**

when 82W of voltage is needed for a normal type CA10530070 solenoid, the eco type CE10530070 needs only 56W!

→ **32% of electricity is able to be cut down.**



# Production system

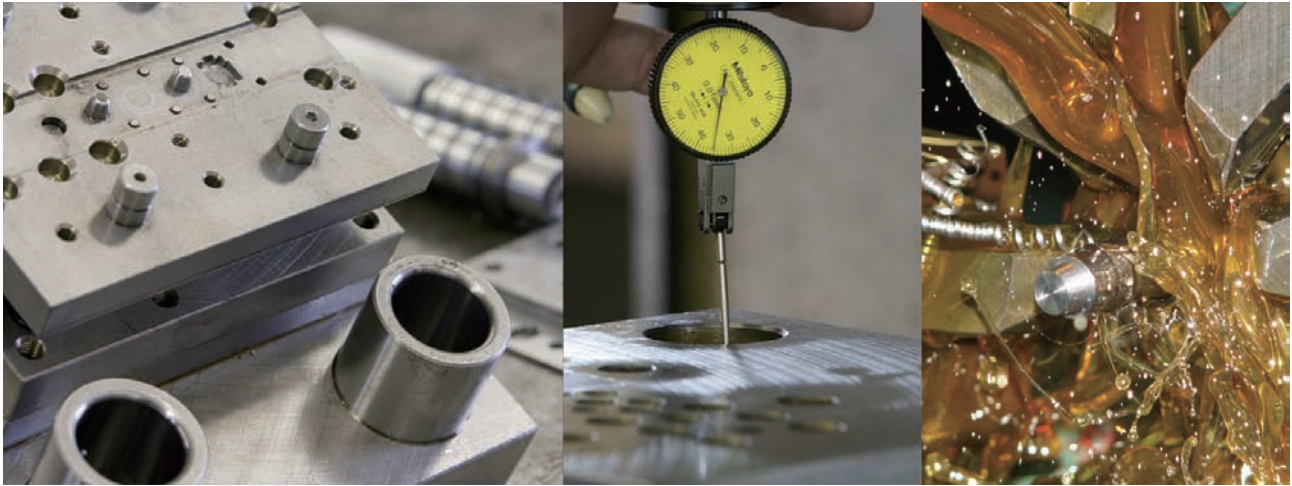
## To answer precisely to the needs of the market

Takaha has established the integrated production system from research and development to part processing of surrounding and assembling.

### Business outline and producing system

At Takaha, we have all the manufacturing process. Also, by doing the integrated production system, with president Okubo in direct control of the quality, we can match our customer's needs for fast delivery, low cost, and products with special features.





## The advantages that the integrated production system

### Development & Sample

#### Prompt correspondence of development and making samples

By the unification of production line, we can correspond to the usage condition needs like diversification, complication, and miniaturization that our customers want. Also, the other strong point of the integrated production system is that we can correspond to an urgent change in drawing notification.

### ASSY

#### Correspondence to the parts around solenoids

Takaha has a working department that does pressing, molding, and machining, which makes it able to not only make solenoids, but also parts used around it.

By doing this, we can cut the intermediate cost, and shorten the time of all the manufacturing process, and can produce the product matching our customer's needs.

### Low cost

#### Cost performance

Our company's original producing system "no use outsourcing" makes it possible to correspond to a wide range from mass production to small rods, of course with high quality and a low price. It's ok to order 1 solenoid from the online shop.

### Delivery

#### Flexible correspondence with mass production and fast delivery

We will meet the "produce many solenoids in a short time" needs that many companies want. The reason is we produce the solenoid and make it in our company factory. Also, our company's strong point is that we can correspond with urgent change in design from our customers with low costs.

### Quality control

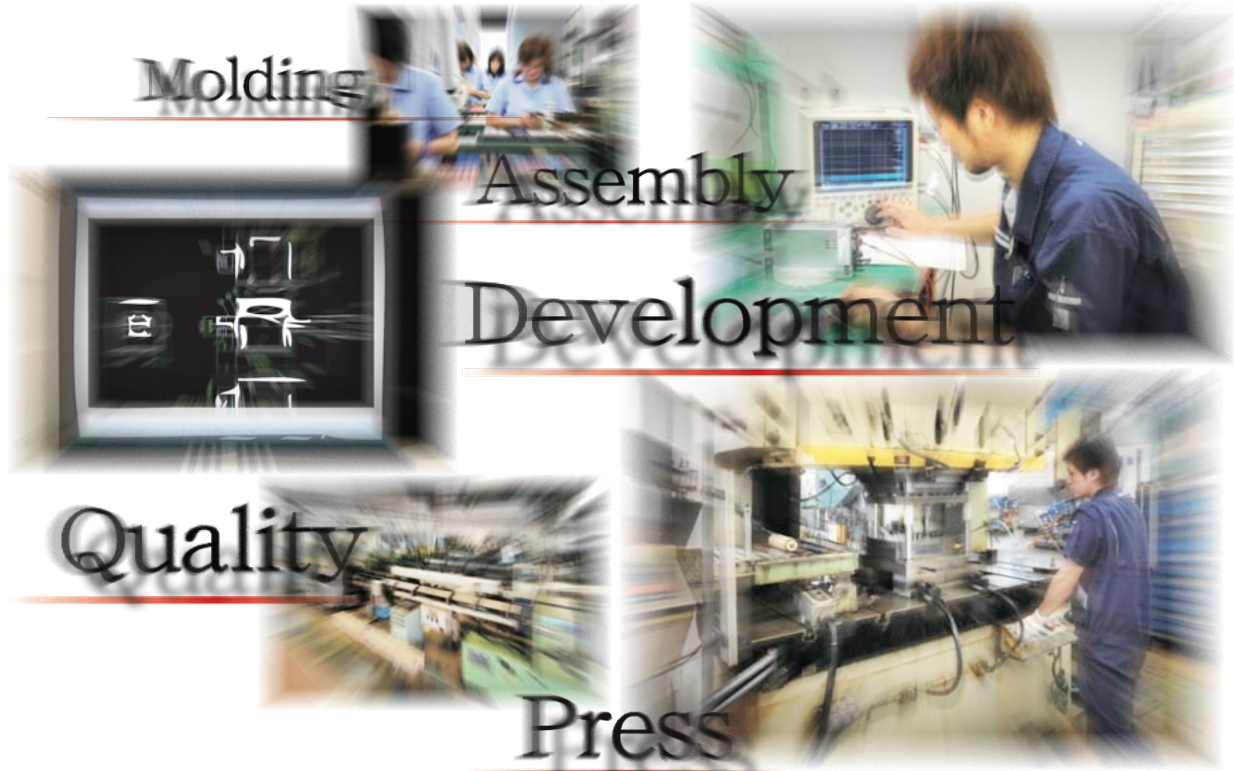
#### Thorough quality control

Every production department has a strict management system, making it possible to provide a stable, high quality solenoid. Our company is attractive in a way that there is a production process without any waste because of a fast feedback to the company factory if there is even a little adjustment of the product.

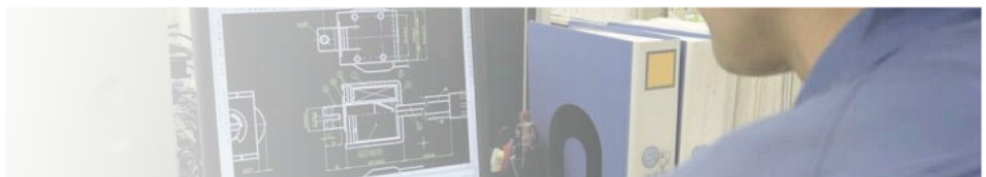
# Seven sections

## 7 departments that support the integrated production system

We support all of the departments with thorough quality control and the work done by professionals.



### Research and Development department



Highly trained, knowledge staffs will corresponds with speed to our customers by proposing how to cut the cost, boosting up the pull force of the solenoids. Not just superior in the environment measures, but also in work speed.

### Quality Assurance department



This department checks the entire department's for the quality of the solenoid, starting inside the company, when our solenoids are shipped to our customers, and after they reach them.



## Die department

Design, production and maintenance of die



Highly trained staffs will make an accurate metal press die. This is the reason why we can correspond speedy to the maintenance and making an amendment of the die. Also, we correspond to urgent changes in a short period of time, another attracting point of our company.

## Machining department

Machining work



This department cuts the kp, plunger and guide bars that control the solenoid characteristics with the latest NC lathe turning machine. If our customers want us to produce more solenoids urgently, we are prepared with highly trained staff, and a 24 hour working production line.

## Press department

Metal pressing and tapping



Makes high quality pressed products in liaison with the die department. Corresponds broad, from solenoid frames to washer, switch fittings.

## Molding department

Plastic molding



Can correspond to solenoid unit parts from the bobbin to others. Many supplies are able to correspond to a wide range of demands.

## Winding and Assembly department



Highly trained specialists neatly build high quality solenoids. "Follow and do what you are told" is the motto here, we are keeping strict quality control until they are shipped.



## A substantial solenoid online shop

We provide **over 70 types**, and **over 200** products of solenoid, all of the time.

Please choose the best solenoid for your company.

### Can be ordered by Fax or online

Our products are the "most" low-priced, and also the "most" fastest to deliver.

You can use the solenoid as a sample for making new products.

If you choose a type out of this online catalog, you do not have to pay for the initial cost. We will correspond to any changes about the plunger.



**If you order before 15:00,  
you will get your solenoid the next day at the fastest!**

**We'll send it on that day!!**

**Arrival the next day**

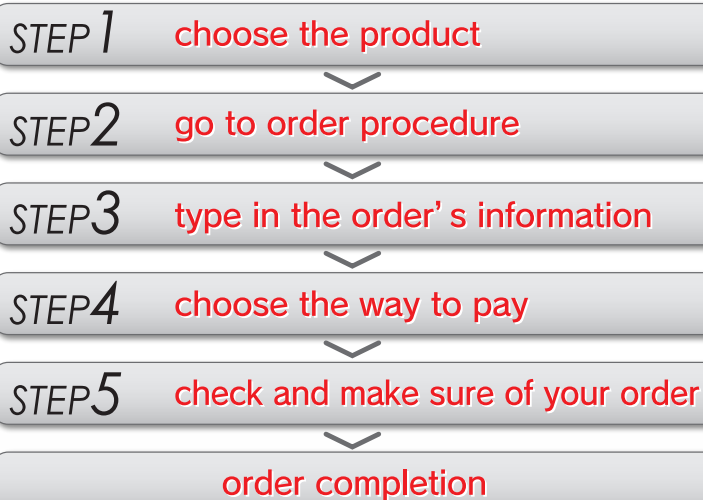
**1~10  
Sent that day!**

**11~30  
Sent in 5 days!!**

**31~  
We will contact you!!**

※The order after 15:00 will become a treatment the next day.

### Flow of ordering



We recommend that  
you use  
**buying it online.**  
You can order easily even  
if it is your first time.  
You can even start from  
ordering just 1!







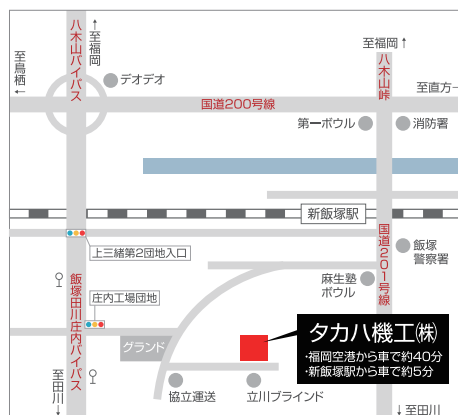
■ Company Name Takaha Kiko Co.,Ltd.

■ Establishment 1979/12/22

■ Location

〒820-0111  
958-9Ariyasu, Iizuka-shi,  
Fukuoka  
Phone: (0948)82-3222  
FAX: (0948)82-2616

■ 地図



■ Business contents

- 1) Manufacturing and sales of DC solenoids
- 2) Manufacturing and sales of all the assemblies including the solenoid
- 3) Manufacturing die
- 4) Manufacturing metal pressed products
- 5) Manufacturing machining parts
- 6) Manufacturing plastic molding parts
- 7) Management of the DC solenoid internet shop

■ Capital 50,000,000yen

■ Directors

- Taisuke Okubo, President
- Chiho Okubo, Executive director, Yumiko Ichiki, Non-executive director

■ Employees 71

■ Cooperating factory  
in Indonesia

PT HARMONCS TECHINDO AGUNG  
Desa Gintung Kerta Kec.Klari, karawang  
Timur Jawa Barat · Indonesia

■ USA/CANADA  
distributor

Takaha America  
111 Crest Lake Ct.  
Yorktown, VA23693 USA





We have provided movies so that you can see  
how the solenoids move normally, and how the movie differs in types.  
Please take a look.

<http://www.takaha.co.jp>

**Shop easily for solenoid online**

You can even order just 1! We'll send it on that day!!!

**Takaha Kiko Co.,Ltd.**

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