



# We are hakkai.

**Bisai, Molds, Manufacturing.**

We have a strong desire to contribute to society from the nature-rich area of Uonuma, at the base of Mt. Hakkai through manufacturing and personnel development. We believe we can achieve manufacturing that no one else can imitate. We will do so by building workplaces for people with environments that help them to grow. hakkai is a company that is constantly growing and evolving.



# We Make Good

“ ”

What makes something good?

The criteria probably differ from  
person to person.

But, we want to make something good  
that surprises people around the world by  
greatly exceeding their criteria.

We are a company that  
makes something good.







# From Our President

**For the future  
we should strive  
to bring about.**

Give clients what they want. Respect diversity and be flexible. Respond to changes in society. hakkai will continue to move forward as long as we have a future to strive towards.





hakkai President  
**Akihiko SEKI**

# We Make Good

“ ”

**hakkai will continue to evolve.**

## Unchanging Values.

**Values that have not changed since our founding.**

As a company providing molded products, we are focused on mass production. We help our clients by providing, not prototyping or development, but products mass produced at steady quality. This is one of the values that has not changed since our founding. Prototypes are important, of course, but if there are defects in the final products clients use, they are pointless. Our development of molds and automation also grew out of our approach to steady quality in mass production. We remain as committed as ever to the idea of fully providing our clients with what they seek.

## Looking To The Future.

**Our vision for the future.**

We will promote diversity within our company and through our business activities as we pursue further growth. A company has greater potential for growth when it includes a variety of people with different origins, nationalities, and ages. But 99% of things in this world are still beyond our control. I believe we can survive and grow in this society if we are open to adapting to new environments and taking on challenges. Under the conviction that We Make Good “ ” hakkai will continue to evolve in pursuit of creating something good.

hakkai Brand Statement 01

# We Make Good “PRODUCTS”

**hakkai products  
build the future.**

In order to provide our clients with good products,

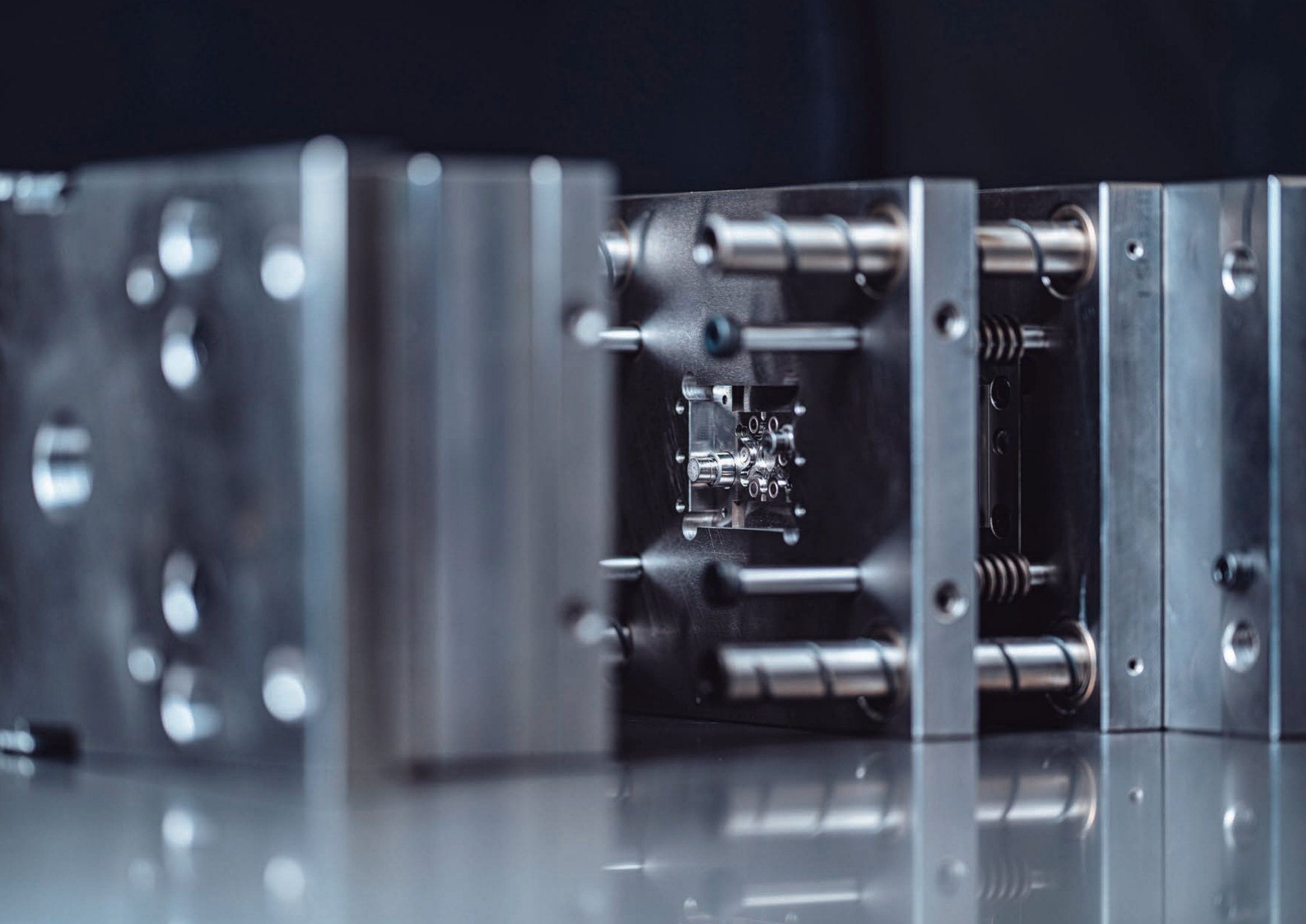
hakkai makes no compromises.

Our system for mass producing minute 0.001 to 1 mm

products at steady quality is second to none.

And we bring new things into the world.





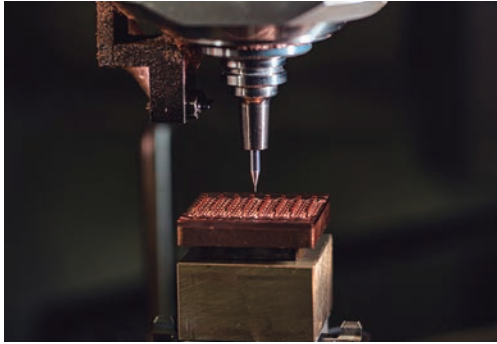
# We Can Do It

**Achieve things that nobody has achieved before.**

hakkai will take on the challenge of pioneering the future 5 to 10 years ahead, and beyond. At more than half a century since our founding, this spirit is only intensifying. We will keep abreast of the times, constantly consider all variables, and create reliable manufacturing technology that has never been seen before. This will empower us. to give shape to our clients' manufacturing ideas.







Main 01

## Bisai Microfabrication

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**The pinnacle of microfabrication.**

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We are accelerating manufacturing into the previously impossible realm of 0.001 to 1 mm. We want to use our strength to make the word "BISAI(micro)" a common term throughout the world.



Main 02

## Molds

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**World-class technology.**

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We design and manufacture jigs and tools, produce molds, and machine mold components based on our strengths in precision processing technology.



Main 03

## Manufacturing

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**A production line that can meet almost any needs.**

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The comprehensive system that only our company can provide allows us to handle everything from plastic molding to component assembly. We can also meet a wide range of manufacturing needs from small quantity runs to mass production.

# 3 Main Pillars

**hakkai boasts 3 global pillars of business.**



Strength 01

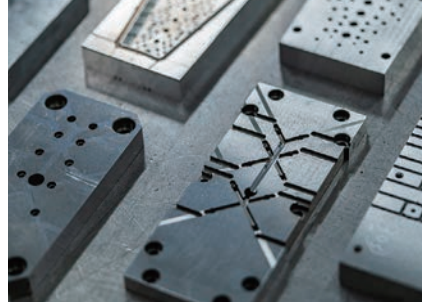
## One-Stop Service

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**Global locations provide one-stop service to clients.**

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Our precision processing technology enables our global locations to offer one-stop service that includes everything from mold component processing, production of jigs and tools, to molding and assembly.



Strength 02

## Ultra Micro Precision

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**Ultra-precision plastic products created using ultra-precise mold machining technology.**

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Ultra-precision plastic products are only possible thanks to the precision machining required to create ultra-precise molds. Our company can handle both of these things.



Strength 03

## Flexible Manufacturing

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**A production system capable of supporting high-variety low-volume manufacturing.**

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We produce 50 million products of around 400 types every month. Clients can consult us about anything from small lots of 10 pieces per month, to large lots of more than 100 thousand pieces.



Strength 04

## High Difficulty Materials

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**We have experience in mass producing products made from materials that are considered difficult to process.**

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These include super engineering plastics that account for 1.4% of the plastic produced in Japan. These materials are considered to be difficult to process, but we have experience processing and manufacturing it in large quantities.

# hakkai's Strengths

**hakkai's strengths are born out of our 3 pillars of business.**

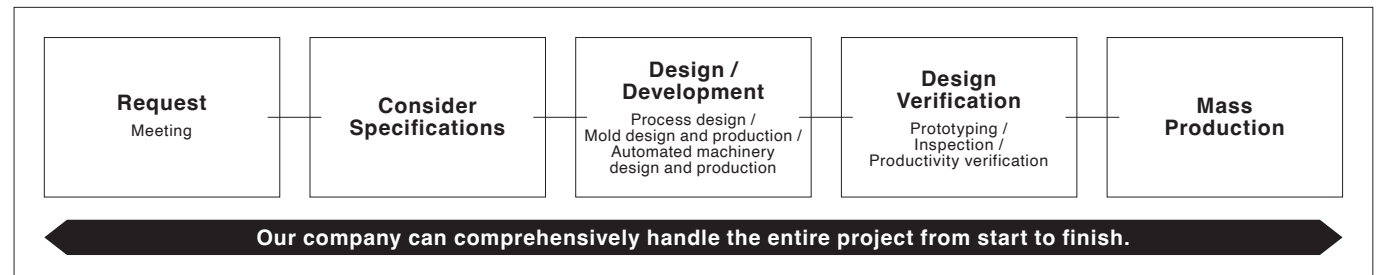




## Flowchart

### Our comprehensive workflow

Manufacturing usually consists of individual requests to different suppliers. But hakkai employs a comprehensive system which integrates mold design and manufacture, tool production, molding, prototyping, mass production, and assembly. This allows us to implement a workflow more closely aligned with client requests.



## Hassle-free

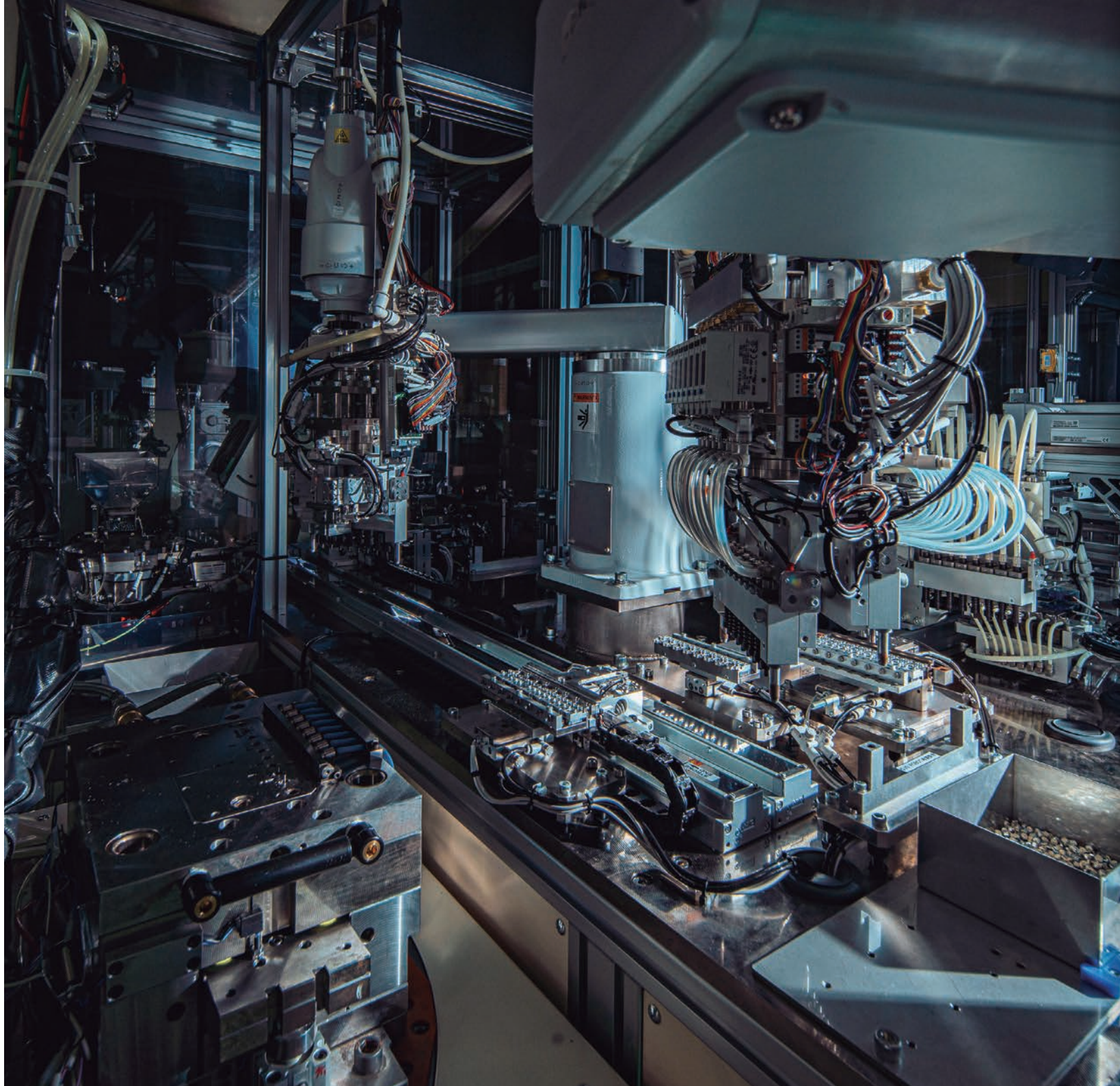
We free clients from hassle.



# List of Equipment

**A step towards the future created through a variety of equipment.**

No matter how difficult the product, hakkai will stick with it even when competitors have given up. We deploy a wide array of equipment as we strive to handle any order from clients. And we won't fail to take the next step towards the future.





# Main Factory Equipment

※This page only lists the equipment at our main factory. Overseas locations are shown on pages 18 - 20.



Mold Processing Machines	Sodick	Wire Electric Discharge Machines EDM	EXC100L	1
			AQ327L	1
			AP200L	1
			AP200	1
			SL400P	1
			SLN400G	1
		Diesinking EDM	AP1L	2
			AQ35L	1
			AP-3R	2
		Small-hole Drilling EDM	K1C	1
			K1BL	1
			K3BL	1
		Machining Center	MC430L	1
			HS430L	1
			NH4000DCG	1
			MSA40	1
	DMG Mori			
	Makino			
	Fanuc		α-T21IDL	1
	Mitsui High-tec	Forming Grinding Machines	MSG-200M	4
			MSG-205M	2
			MSG-250M	1
			UPZ420NC II	1
		Okamoto Machine Tool Works		PFG500DXSL
	Surface Grinding Machines		PSG65EXB	1
			PSG65DX	1
	Tesa	Precision Micro-hite	micro-hite350	

Injection Molding Machines	Sumitomo	Molding Machines	SE18DU 18t	1	
			SE18S 18t	2	
			SS30 30t	1	
			V12 / 15V 15t	1	
			V26 / 15V 15t	1	
			SV18 18t	1	
			SV18M 18t	6	
			α-15B 15t	14	
			α-15C 15t	2	
			α-15IA 15t	5	
	Fanuc		S-2000i 15A 15t	10	
			S-2000i 15B 15t	5	
			α-30iA 30t	1	
			α-S30iA 30t	2	
			S-2000i 30A 30t	5	
			S-2000i 30B 30t	1	
			S-2000i 50BP 50t	3	
			S-2000i 50A 50t	1	
			α-S50iA 50t	18	
			α-S100iA 100t	2	
			LD10EH2 10t	10	
			TR20EH2 20t	1	
			LD20EH2 20t	10	
			LP30EH2 30t	7	
			LD30EH2 30t	2	
	TR30EH2 30t		1		
	LA60 60t		1		
	NEX300 30t		2		
	Si-30V 30t		3		
	Sodick		Servo Traverse Robots	VZ-30D	1
RA-30D		2			
RB-30D		4			
VNIIEA100D		3			
SA-70D		2			
YC-30		29			
HASIII-80S		2			
ix-500s		1			
Nissei					
Toyo Machinery & Metal					
Yushin Seiki					
Harmo					
Star Seiki					
Mold Design Equipment	Kodama	CAD / CAM	TOP Solid	9	
	Andor		CAMCORE Handy	1	
			CADSUPER FXII	3	
	Techno Solutions		Solid Works	3	
	Sodick		Dispro solid	3	
	Vero Software		VISI	2	
	Date Design		SURFCAM	1	
	Autodesk		AutoCAD LT 2016	1	
		CAE	Autodesk Simulation Moldflow	1	
Measuring Instruments	Nikon	Factory Microscopes	MM-22(DP attached)	3	
			MM-40	1	
			MM-60	2	
			MESURE SCOPE 20(DP attached)	2	
			MF-1020TH	1	
	Mitsutoyo	3d Measuring Instruments	QV202-PRO	1	
			QV606-PRO	1	
	Keyence	Image Dimension	IM-7020	1	
	Nikon	Measuring Instruments	NEXIV VMZ-R3020	1	
		Projectors	V-20A	1	
	Union	Non-contact Depth Measuring Instruments	HISOMET II	1	
	Pearl	Autocollimators	AC-140FTV	1	
	Accretech	Surface Texture and Contour Measuring Instruments	SURFCOM NEX 100	1	

# Product Achievements

## Products imbued with hakkai DNA.

To date, we have helped numerous clients to create products. Each and every product imbued with hakkai DNA is a step on the road taken together with clients towards a more prosperous future.





# Various Clients

We deliver steady quality that meets a wide range of needs for clients from national brands to component manufacturers.

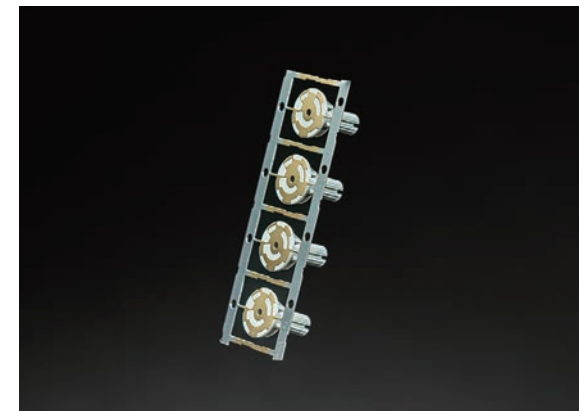
## Actual Applications

- Automotive
- Home appliances
- Clocks
- Cameras
- Housing equipment
- Gaming devices
- Medical devices
- etc.

## Supported Resins

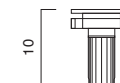
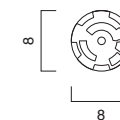
- Various engineering plastics  
LCP / PPS / PEI / PA / POM / PC / PBT / ABS / etc.
- Various biomass plastics

# 01



## Rotary Switch Parts

### Size



S=1/1 [mm]

### Specifications

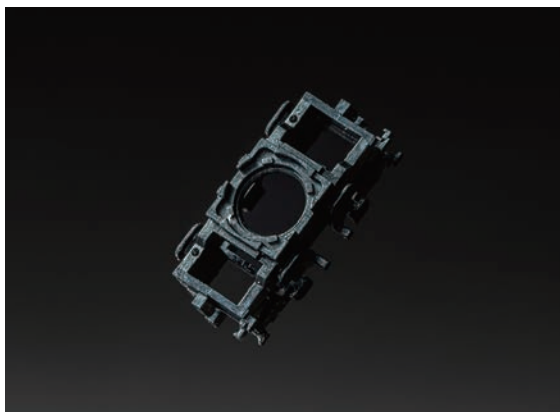
Material : PA  
Precision : 1/10 - 1/100mm  
Lot : 100,000 pcs or more

### Implemented process

- ☐ Product design
- ☒ Precision mold
- ☐ Clean environment
- ☒ Molding  
(including insert molding)
- ☒ Inspection
- ☒ Shipping

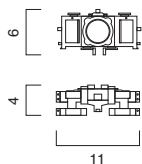
Parts used in rotary switches. Metal parts stamped into a belt-shape (hoops) are fed into the mold using the automatic hoop feed system, insert molding is then carried out. By creating our own automatic hoop feed equipment and automatic winding systems, we have achieved more steady quality and reduce costs.

## 02



### Optical Pickup Lens Holder

#### Size



S=1/1 [mm]

#### Specifications

Material : LCP  
Precision : 1/100 - 1/1000mm  
Lot : 100,000 pcs or more

#### Implemented process

- ☐ Product design
- ☒ Precision mold
- ☐ Clean environment
- ☒ Molding  
(including insert molding)
- ☒ Inspection
- ☒ Shipping

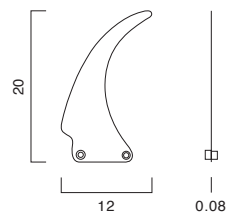
A holder for the optical pickup lens used in Blu-ray disc players. We conducted flow analysis of the resin used in molding to understand the sites where the liquid resin merged and weld lines which are typical of LCP. This helped us to place air vents and lands when we were making the mold. We also modified the mold, based on dimensional measurement data obtained from the product after test molding, to achieve even higher precision.

## 03



### Camera Aperture Blades

#### Size



S=1/1 [mm]

#### Specifications

Material : POM  
Precision : 1/10~1/100mm  
Lot : 100,000 pcs or more

#### Implemented process

- ☐ Product design
- ☒ Precision mold
- ☐ Clean environment
- ☒ Molding  
(including insert molding)
- ☒ Inspection
- ☒ Shipping

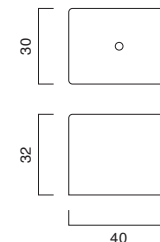
Aperture blades used in the lens portion of a camera. Basic practice in injection molding is to use side gates for thin-walled components. But we carry out injection molding using pin gates in order to reduce the time and effort expended in secondary processing. hakkai's unique technology is ideal for multi-cavity and continuous molding of 0.08 mm thick products, which are at the limits of injection molding.

## 04



### Automotive Relay Case

#### Size



S=1/3 [mm]

#### Specifications

Material : PBT  
Precision : 1/10 - 1/100mm  
Lot : 10,000 - 100,000 pcs

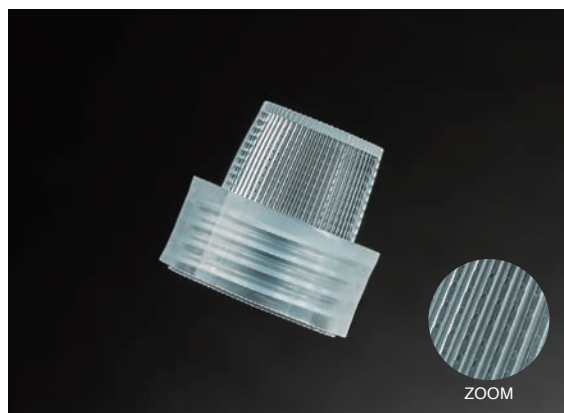
#### Implemented process

- ☐ Product design
- ☒ Precision mold
- ☒ Clean environment
- ☒ Molding  
(including insert molding)
- ☒ Inspection
- ☒ Shipping

Automotive relay cases serve to keep dust and debris from getting inside relays. These are molded in a clean environment, since it is essential to prevent foreign material from getting into automotive components. Moreover, since burrs and gate scraps on molded products can become sources of foreign matter, we produce high-precision molds and carry out mold management and maintenance.

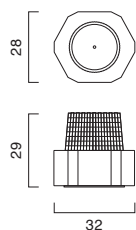


# 05



## Micro Mesh Filters

### Size



S=1/3 [mm]

### Specifications

Material : PP  
Precision : 1/10 - 1/100mm  
Lot : None (under development)

### Implemented process

- Product design
- Precision mold
- Clean environment
- Molding (including insert molding)
- Inspection
- Shipping

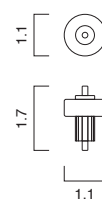
We have produced a novel brake oil filter as a research item. This research item demonstrates one-piece molding of both mesh and female threads through rotation pull extraction using a servo motor. The mesh portion is achieved through the use of our unique BISA / microfabrication technology and know-how. This technology can be used in a variety of fields, including automotive components, medical devices, and home appliances.

# 06



## Rotors for Quartz Watches

### Size



S=5/1 [mm]

### Specifications

Material : POM  
Precision : 1/100 - 1/1000mm  
Lot : 100,000 pcs or more

### Implemented process

- Product design
- Precision mold
- Clean environment
- Molding (including insert molding)
- Inspection
- Shipping

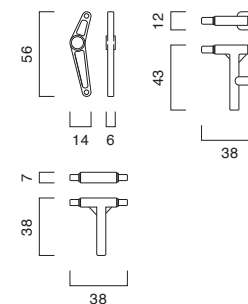
The rotor component of quartz watches is an ultra-small insert molded product with a product diameter of 1.1 mm, and a gear tip diameter of 0.44 mm. We have introduced automatic production equipment developed in-house that automates the process from supply of pre-magnetization magnets, insert molding, and post-molding crack inspection. This has made it possible to mass produce over 100,000 units per month.

# 07



## Parts for radio-controlled cars

### Size



S=1/5 [mm]

### Specifications

Material : POM & PBT  
Precision : 1/100 - 1/1000mm  
Lot : 5,000 pcs

### Implemented process

- Product design
- Precision mold
- Clean environment
- Molding (including insert molding)
- Inspection
- Shipping

Original radio-controlled car parts made of plastic. When we received the request, there were not even any product drawings. We handled every step of the manufacturing process, from creating product drawings, to producing molds and carrying out molding.

hakkai Brand Statement 02

# We Make Good “PEOPLE”

**Good manufacturing  
starts with good personnel  
development.**

hakkai employs people from a wide array of nationalities.

These employees raised in different environments and ideologies work together  
to improve themselves through friendly rivalry.

We firmly believe that it is people who lead the way to good manufacturing.

This is why hakkai puts its focus on people and growing together with its people.





We are hакkai



# Overseas Locations

**We are taking  
our technology  
from a local to  
a global level.**

We transmit technologies "Made in UONUMA" Japan to hakkai production bases in Thailand, China, and Mexico. The products that clients require are then sent from these four locations to the places the client needs them to be.





# HAKKAI PRECISION THAILAND CO.,LTD.



**Company Name**  
HAKKAI PRECISION THAILAND CO.,LTD.

**Established**  
Jul. 1, 2004

**Stated Capital**  
215,000,000 THB

**Business Activities**  
Design and Manufacture of Precision /  
Plastic Molds, and Molding Using Engineering Plastics

**Plant Area**  
3600m<sup>2</sup>

**International Standards Acquired**  
ISO 9001 \*Acquired Mar. 2007 / ISO 14001 \*Acquired Mar. 2008  
IATF 16949 \*Acquired Mar. 2018

**Address**  
Hi-Tech Industrial Estate, 156 Moo 1, Tambol Banlane,  
Amphur Bangpa-In, Ayutthaya 13160 Thailand

**Tel**  
+66 0-3535-1672-5

Mold Processing Machines	Sodick	Wire Electric Discharge Machines EDM	AG400L	2
		Diesinking EDM	AG40L	3
		Small-hole Drilling EDM	K1C	1
			K1BL	1
	Shizuoka	Machining Center	HS430L	3
		Milling Machines	AN-SRN	3
			VHR-SD	1
	Okamoto Machine Tool Works	Surface Grinding Machines	Grind-X ACC65DX	1
	Mitsui High-tec	Forming Grinding Machines	MSG-205M	10
	Takisawa	General Purpose Lathes	TSL-800	1
	Hikoki	Bench Drilling Machines	BT13S	2
		Bench Grinders	GR21	2
	Heiwa Technica	FineCutter	HS-100	2
Rofin	Laser Welders	Performance Base	1	
Somax	Mold-washers	CPS-115-TKP25	1	
Sanwa Shoko	TIG Welders	SW-V01	1	
Injection Molding Machines	Fanuc	Molding Machines	S-2000i 15B 15t	20
			S-2000i 30B 30t	13
			S-2000i 50B 50t	17
			α-100iB 100t	10
	Yushin Seiki	Take-out Devices	HOP Five 450X	32
			SA-70DL	15
			SA-70DLL	2
			RCII-150	3
			ATB-150	2
		ATC-150	5	
	Stolz	Pulverizers	SX-250	15
			SX-160	8
		Mixers	BK-01	2
			Dehumidification Dryers	NS-15
				NS-25
			Mold temperature Controllers	TB-32
	TB-41			5
	TB-42			2
				WLX0001 / OTS-0058
Kannetsu		WL-015SII	7	
Mold Design Equipment	Kodama	CAD / CAM	TOP solid	3
	Saeilo		Cimatron E15	6
		Viewer		2
Measuring Instruments	Nikon	Projectors	V20B	1
		Factory Microscopes	MM-40	1
			MM-60	1
	Mitsutoyo		MF-A1020	1
	Keyence	Image Dimension Measuring Instruments	IM-6020	1
	Aikoh Engineering	Load Measuring Instruments	1307R	1
	Zeiss	3D Measuring Instruments	Duramax	1



# HAKKAI PRECISION SUZHOU CO.,LTD.

**Company Name**  
HAKKAI PRECISION SUZHOU CO.,LTD.

**Established**  
Nov. 7, 2011

**Stated Capital**  
7,000,000 USD

**Business Activities**  
Design and Manufacture of Precision /  
Plastic Molds, and Molding Using Engineering Plastics

**Plant Area**  
5,901m<sup>2</sup>

**International Standards Acquired**  
ISO 9001 \*Acquired Apr. 2014 / ISO 14001 \*Acquired Apr. 2014  
ISO / TS 16949 \*Acquired May 2016  
IATF 16949 \*Acquired Jun. 2018

**Address**  
Suzhou, No.18, Jinjiang Road, Suzhou Industrial Park  
Jiangsu Province, China

**Tel**  
+86 512-6280-5865

Processing Machines	Mytech	Milling Machines	SZ1900VSD	1	
	Mitsui High-tec	Forming Grinding machines	MSG-205 MH	1	
	Techno Coat	Laser Welders	TL-150T	1	
	Kakura	Mold-washers	K50	1	
Injection Molding Machines	Fanuc	Molding Machines	S-2000i 15B 15t	6	
			α-S15iA 15t	7	
			α-S50iA 50t	20	
			α-S50iB 50t	6	
			α-S100iA 100t	2	
	Toyo Machinery & Metal		Si-30V 30t	4	
			Si-50Vcs 50t	3	
	Yushin Seiki	Servo Traverse Robots	SC-70D	3	
			SC-70DL	15	
			SC-70DLL	13	
			SC-150D	4	
			SD-G-0310D-16	5	
	Star Seiki		CZ-650sII	3	
	Harmo	Take-out Robots	EXIII-60	3	
	EXFIII-150		1		
	Ushio Lighting	Mold Monitoring Devices	PE-500	10	
	Shanghai Chikaku Optoelectronics Co.		A1326473	10	
			ZJ-YTJ2000	16	
			S1000-H-2	7	
			S1000-L-2	1	
	Stolz	Dehumidification Dryers	NS-15	6	
			NR-5	2	
CNR-5			2		
CNS-15			2		
CNS-25			25		
CNS-50			5		
SSD-2000-KS			2		
SD-9			1		
Kawata			Mold Temperature Controllers	GMCH-25A	18
				CTA-42E	1
		CTB-41E		9	
Matsui MFG.			CTB-42E	4	
			Annealing Machines	SNH14	1
Measuring Instruments	Mitsutoyo	Factory Microscopes	MF-A505C	1	
			MF-B2010D	1	
			MF-A2010D	1	
		Image Dimension Measuring Instruments	QV-E202PiLC	1	



# HAKKAI MEXICO S.A. de C.V.



<b>Company Name</b> HAKKAI MEXICO S.A. de C.V.	<b>Plant Area</b> 5,095m²
<b>Established</b> May 2016	<b>International Standards Acquired</b> IATF 16949 *Acquired Oct. 2019
<b>Stated Capital</b> 1,500,000 USD	<b>Address</b> Boulevard Milenium No. 5020 B, Parque Industrial Milenium, Apodaca Nuevo Leon C.P. 66600
<b>Business Activities</b> Design and Manufacture of Precision / Plastic Molds, and Molding Using Engineering Plastics	<b>Tel</b> +52 81-8865-0850

Mold Processing Machines	Sodick	Wire Electric Discharge Machines EDM	AG400L	1	
		Diesinking EDM	AG40L	1	
		Machining Center	HS430L	1	
	Mitsui High-tec	Forming Grinding Machines	MSG-205M	1	
	Okamoto Machine Tool Works	Surface Grinding Machines	PSG65DX	1	
	Kira	Bench Drilling Machines	KRT-420	1	
	Hikoki	Bench Grinders	GR21	1	
	Amada	Band Saws	NCC-300L	1	
	Rofin	Laser Welders	Performance Basic	1	
Somax	Mold-washers	CP111-115-P25	1		
Injection Molding Machines	Fanuc	Molding Machines	S-2000i 15B 15t	1	
			α-S50iA 50t	11	
			α-S100iA 100t	10	
			SE50EV-A 50t	7	
			NEX50iV-5EG 50t	5	
	Sumitomo		NEX110iV-18E 100t	1	
			NEX110iIII-T-12E 100t	2	
	Yushin Seiki	Take-out Robots	HOP Five-450X	1	
			YC-30D-15	2	
			YC-70D-17	20	
			YC-150D-19	12	
	Star Seiki		ES-800SII	2	
	Matsui MFG.	Dehumidification Dryers	MJ5-i	7	
			NS-15	1	
	Stolz		NS-25	27	
	Kawata		Mold Temperature Controllers	DRG-75Z-KS	1
				DRG-25Z-KS	1
		TW-200MA-KS		2	
	Matsui MFG.	GMCH-25A		7	
	Stolz	TN-30		2	
			TB-42	25	
	Yushin Seiki	Stocking Systems	ACS-EGS-H	8	
Mold Design Equipment	Sodick	CAD / CAM	Dipro Solid	2	
	Techno Solutions		Solid Works	1	
Measuring Instruments	Mitsutoyo	Factory Microscopes	MF-A2010D	2	
		CNC Image Measuring Instruments	QVTP Apex302 PRO	1	
		Surface Texture & Contour Measuring Instruments	CV-3200	1	
	Keyence	Image Dimension Measuring Instruments	IM-7020	1	

hakkai Brand Statement 03

# We Make Good “FUTURE”

**Making something  
new that will surprise  
the whole world.**

Our field is not limited to manufacturing.

It covers a wide variety of fields from technical consulting for enterprises,

to support for forming an idea-based approach.

We want to help create a good future around the world

by constantly dabbling in new fields.



**from UONUMA  
to the WORLD.**



# Company Overview

## Pursuing further possibilities.

In an era of tumultuous changes, we aim to achieve continual growth as an ideal partner that our clients can rely on.



# hakkai Brand

Our Code of Conduct

## Statement

# We Make Good

“

”

What makes something good?

The criteria probably differ from  
person to person.

But, we want to make something good  
that surprises people around the world by  
greatly exceeding their criteria.

We are a company that  
makes something good.

## Mission

We will enrich society by providing highly satisfying  
differentiated services to our clients,  
creating workplaces for people, and encouraging  
the growth of those who work in them.  
We aim to contribute to the world by creating  
something good that overturns conventional thinking.  
We will pioneer the future through global technologies  
that are produced locally based on the vision we pursue.

## Vision

Contribute to society through manufacturing and  
personnel development in the nature-rich area  
of Uonuma, at the base of Mt. Hakkai.  
We will create something good that cannot be imitated  
by creating workplaces for people with  
environments that allow them to grow.  
hakkai is a company that is constantly growing and evolving.

# Profile

## Company Information

<b>Company Name</b>	hakkai inc.
<b>Address</b>	2845 Kokonkamachi, Minamiuonuma City, Niigata Prefecture 949-7312, Japan [main plant]
<b>Tel &amp; Fax &amp; Direct Sales Line</b>	+81 25-777-2410 / +81 25-777-2881 / +81 25-716-2410
<b>President &amp; Representative Director</b>	Akihiko SEKI
<b>Established</b>	Jul. 01, 1967
<b>Stated Capital</b>	57,300,000 JPY
<b>Net Sales</b>	2.186 billion yen *Net sales for 2021
<b>Number of Employees</b>	181 *As of Jan. 2023
<b>Group Companies</b>	HAKKAI PRECISION THAILAND CO.,LTD.[Thailand] / HAKKAI PRECISION SUZHOU CO.,LTD.[China] / HAKKAI MEXICO S.A. de C.V.[Mexico]
<b>Banks</b>	Daishi Hokuetsu Bank, Ltd. / Sumitomo Mitsui Banking Corporation / Japan Finance Corporation / The Shoko Chukin Bank, Ltd. / RESONA Bank, Limited
<b>Business Activities</b>	Design and manufacture of precision plastic molds, molding using engineering plastics, winding processing and assembly of various types of coils, automated machinery and precision jigs and tools
<b>Certification Standards</b>	IATF 16949 *Acquired July 2015 / ISO 9001 *Acquired March 2003 / ISO 14001 *Acquired February 2007
<b>Certification Scope</b>	IATF 16949 [Manufacture of precision plastic injection molded products] ISO9001 / ISO14001 [Design & manufacture of molds for precision plastic molding, & manufacture of injection molded products]
<b>Quality Management Policy</b>	<ol style="list-style-type: none"> <li>1. Focus on how to improve customer satisfaction and make the most of the resources at your disposal to build mutually beneficial relationships with our customers.</li> <li>2. Build a system that can provide products and services that meet customer requirements at steady quality, cost, and delivery times. Also conduct periodic reviews in an effort to improve this system. Share this Quality Management Policy with the entire organization, and have each department set measurable quality targets in accordance with this policy. Also strive for continuous improvement by conducting suitable reviews as necessary. Each individual should work to achieve our quality targets. Review this Quality Management Policy through management reviews to ensure that it remains relevant.</li> </ol>
<b>Environmental Policy</b>	<ol style="list-style-type: none"> <li>1. hakkai inc. works to clearly capture the environmental impact of precision plastic molded products and molds, which are our primary field of business.</li> <li>2. Build and operate an environmental management system, and strive to protect the environment through pollution prevention and continuous improvement.</li> <li>3. Comply with relevant environmental laws, regulations, and customer requirements.</li> <li>4. Promote enhanced environmental awareness among hakkai inc. employees, by spreading knowledge related to the environment.</li> </ol>

## hakkai CSR

What we should achieve in society

### 01 For Our Clients

**Customer satisfaction**

Differentiated QCDS  
[Provide Quality, Cost, Delivery time, and Service.]

### 02 to Our Community & Society

**Local contribution**

Create places of employment with environments that allow the people working in them to grow. We conduct our business activities with the conviction that our most important responsibility is to contribute to our community and society.

### 03 For Our Partners

**Mutual prosperity**

Deal fairly in a spirit of mutual prosperity.

### 04 For Compliance

**Legal compliance**

Comply with the laws and regulations of each country and region as we continue to conduct our business activities.

### 05 For the Environment

**Reduction of environmental impact**

Strive to reduce our impact on the environment through recycling, waste reduction, utilizing renewable energy, and the like, toward the goal of achieving carbon neutrality.

### 06 For Our Employees

**Create an environment in which they can grow**

Strive to create an environment where employees work comfortably and grow.



# History 1950-

Our journey to date



## 1950

- 1957.Sep Plastic compression molding process in Shinagawa Tokyo. Established as Seki Seisakusyo
- 1958.Sep Began production of audio components
- 1959.Oct Began production of communication equipment components

## 1960

- 1963.Apr Began injection molding. Entered the field of engineering plastics
- 1967.Jul Newly established as Hakkai Jushi Kogyosho in Yamatomachi, Niigata Prefecture

## 1970

- 1971.Mar Reorganized into Hakkai Jushi Kogyosho Co., Ltd.
- 1972.Jul Entered the field of high-precision electronic components

## 1980

- 1980.Jun Established Hakkai Kanagata Kogyosho Co., Ltd.
- 1983.Apr Built new molding plant for Hakkai Jushi Kogyosho Co., Ltd.
- 1984.Jan Began design and manufacture of automated machinery for development of in-house production technology
- 1984.Apr Built new mold plant for Hakkai Kanagata Kogyosho Co., Ltd.
- 1988.Jul Expanded administration building and began composite molding

## 1990

- 1990.Aug Built model molding plant
- 1992.Apr Merger of Hakkai Jushi Kogyosho Co., Ltd. and Hakkai Kanagata Kogyosho Co., Ltd. Start anew as Hakkai Creates Co., Ltd.
- 1995.Jul Aimed to improve mold manufacturing precision by expanding molds / molding plant facilities
- 1997.Sep Began operation of integrated production and cost management system
- 1999.Sep Built No.2 precision molding plant

## 2000

- 2001.Aug Built No.3 precision molding plant
- 2002.Mar Opened Tokyo sales office
- 2002.Mar Spun off production department of Hakkai Creates Co., Ltd. Established ATEX Co., Ltd.
- 2003.Mar Acquired ISO 9001 certification
- 2004.Jul Established hakkai Precision Thailand Co., Ltd.
- 2007.Feb Acquired ISO 14001 certification(Excluding Tokyo Sales Office)
- 2008.Jun Selected as one of the "300 Energetic Manufacturing SMEs"

## 2010

- 2011.Nov Established HAKKAI PRECISION SUZHOU CO., LTD.
- 2011.Dec Merger of Hakkai Creates Co., Ltd. and ATEX Co., Ltd. Name changed to hakkai inc.
- 2014.May El Sol Electronics Device Philippines Inc. becomes a group company
- 2015.Jul Acquired ISO / TS 16949 certification
- 2016.May Established HAKKAI MEXICO S.A. de C.V.
- 2018.Jul Acquired IATF 16949 certification
- 2018.Nov Established Micro Manufacturing Association Representative Director Akihiko SEKI appointed as Vice President

## 2020

- 2021.Nov Expert Bisai Creators Contest 2021
- Won the Free Division of the Micro Machining Technology Contest

