NAKANO owns Machine Lists

Equipment	Maker	Machine Type	Size-Range	Work Table	No
5-axis machining center	MAKINO	a82M-5XR	1100×820×1020	2-face APC	1
		a61nx-5XR	730×650×800	2-face APC	1
		D-500	550×1000×500	2-face APC	1
		D-300	300×500×350	2-face APC	2
		a500z	730×750×500	2-face APC	2
	YASDA	H40i	875×740×685	22-surface APC	1
Horizontal machining center	MAKINO	a61nx	730×650×800	2-face APC	1
		a51nx	560×560×560	2-face APC	7
Vertical type machining center	MAKINO	V55	900×500×410		1
		L2	400×300×300	2-face APC	2
	FANUC	α-D21MiA5	500×400×330	With spindle through	2
		α-D21MiB5	500×400×330		6
		α-D21MiB5	700×400×330		2
Laser marker	Technifor	H10	140×140		1
3D printer	Maker Bot	METHOD	150×190×196		1

Certifications

- Aerospace Quality Management System Standard JISQ 9100*1
- International standard of the quality management system ISO 9001
- Registration of manufacturing medical device (Fukushima Prefecture) 07BZ200088

*1 The standard is equivalent to EN 9100 in Europe and AS 9100 in North America.

NAKANO INC.

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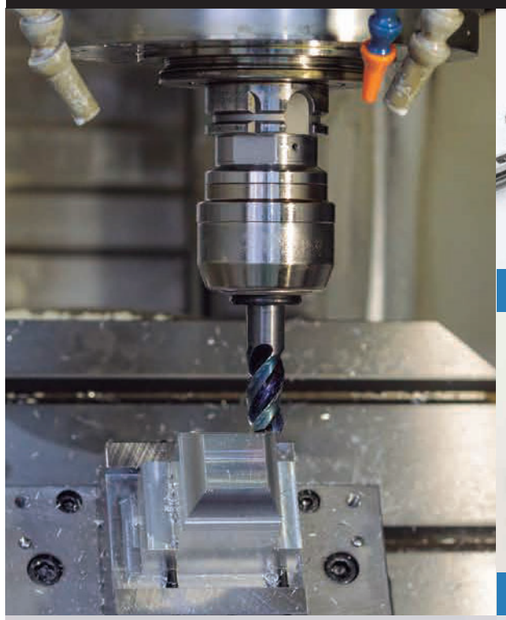
E-mail：sale@nakano.inc Web：https://nakano.inc/

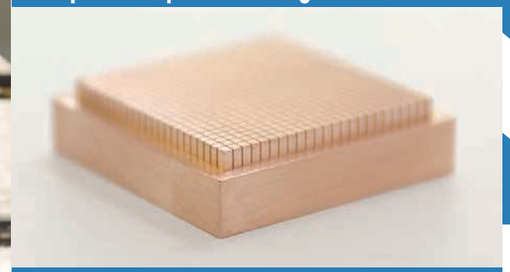
company profile website

NAKANO specializes in the machining of complex shapes.
Through our long track record of experience and achievements,
we are able to quickly create programs for
complex three-dimensional shapes,
and utilize our 5-axis machining centers
to provide high value to our customers.

JAPAN



Complex-shape machining



Microfabrication

Prototypes & mass production

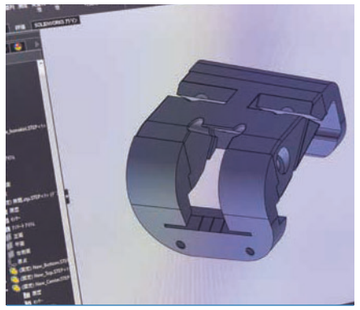
24-hour operation

Why Choose US

Design that is familiar with manufacturing,
stable quality and reasonable product development,
Our strength lies in our ability to provide total support for manufacturing,
from prototyping to mass production.

Episode1

We propose shape segmentation,
reduce costs and shorten delivery times.



Design change proposal

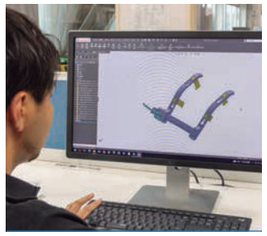
Osteotomy hardware (segmentation pieces)

Osteotomy hardware (finished product)

The osteotomy hardware is a type of orthopedic instruments. This item was initially considered to be a whole structure, but we changed the design to a three-piece segmentation. As a result, we significantly reduce the delivery time and the cost of manufacturing by reducing the material waste from machining. In comparison with the previous design, we have achieved a 50% cost reduction.

Episode2

We provide high-quality prototype development of medical devices in the shortest time possible.



Prototype design

Pediatric sternal spreader

Rib spreader
(for extremely low birth weight babys)

Orthopedic surgical instruments

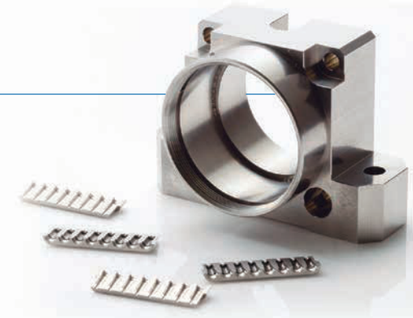
Medical scalpel

Spinal implant

NAKANO receives many inquiries from surgical medical device manufacturers due to its high-accuracy precision machining capabilities. We often participate in prototyping since the design process begins. We support the machining of various metals, including SUS630, SUS304, and Ti-6Al-4V, which are often used in the medical field. In the medical device industry, where speed is essential, we provide high-quality prototype development in the shortest time possible.

Machining Materials

NAKANO's technology is used in a variety of industries,
including communications,medical, automotive, precision,
and aerospace.



Kovar | Stainless Steel | Aluminum | 64 Titanium Alloy | Invar | Super Invar | Hastelloy | Ni/Nickel
Cu/Copper | Molybdenum | Brass | Copper Tungsten | Al-Si | Mg/magnesium | Copper Berylium

Kovar
Defense

Kovar
Defense

64Titanium Alloy
Aerospace

64Titanium Alloy/PEEK
Medical

Stainless Steel(sus630)
Medical

Stainless Steel(sus304)
miniature chess

Aluminum(a5052)
Optical communication

Super Invar
Optical communication

S P A C E E L E V A T O R

Corporate activities

The elevator extending from
the ground to the sky brings us to space

A space elevator is a transportation system. It uses a vertical cable to connect the Earth with a counterweight in space beyond the geostationary orbit about 36,000 kilometers (22,236 miles) above the equator. On the downward cable between the Earth and the orbit, an elevator transports people and materials. NAKANO is the first company in the world that participate in the space elevator project, which was driven by students. The knowledge and technologies we gain through the project have a positive impact on human resource development, community contributions, and the acquisition of skills that can be applied to our work.
We are always willing to face new challenges in various fields.