

Satisfy every kinds of your needs with our experience and technical competence.

Highly-value-added products with reliable manufacturing technology



### Management principle

Provide employees with a workplace with long-term stability.

### Management Policy

Create reliable products, always putting the highest priority on the thoughts of customers.

Value creativity and spirit of study and develop products to be loved by users.

Always conserve the earth's resources and energy and be environmentally friendly in manufacturing products.

## Product Description

### Medical Blades and Needles

#### 1. Medical Puncture Needles

A needle for drainage tube to egest accumulated blood and others during surgery.  
(disposable)  
(Material sus301.sus303.sus304etc.)

\*Supplied to leading medical equipment manufacturer as needles.



#### 2. Other blades and knives for medical use

(Biopsy needles, punches for catheter hole drilling.)

#### 3. Blades for cosmetic purposes

### Various Punches

Various punches to cut a hole in paper, seal, rubber and leather.

ex) Cutting a hole in plastic bag to hook, make another hole in belt or holes for shoe straps.









### Custom Punches

Custom punches and dies to make irregular shaped holes in rubber or leather.





## Technology

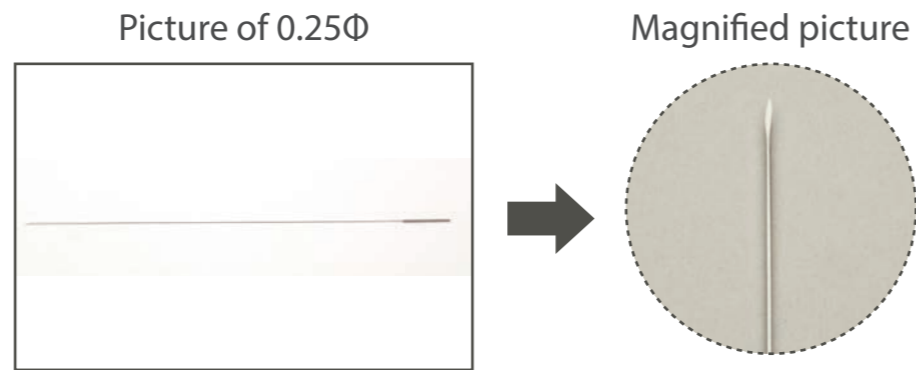
Names	scooped 2-sided	4-sided	6-sided
Blade plane			
Kerf			
	T shape	Plus shape	Straight line shape *Design registration applied.

## Machining Results

Minimum Diameter 0.25Φ - Maximum Diameter 8.5Φ

\*For other sizes, please contact us.

\*Please let us know the range of area for machining.

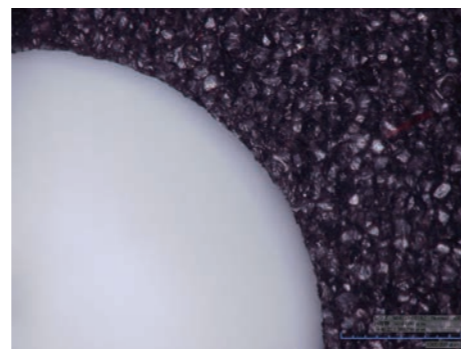


## Cut Section

Enlarged cut section by competitor's punch



Enlarged cut section by our abrasive blade



## Grow with customer and contribute to the society

### Advance Preparation

Sales activities at Exhibitions, etc.



### Design

Design by Development Division (CAD).



### Prototypes

- 11 CNC Lathe
- 1 Precision Machining Center
- 1 Grinding Center (see picture)
- 4 Abrasive Machines for TA
- 3 Turning Machines
- 1 Lazar Processing Machine (1KW)



### Inspection

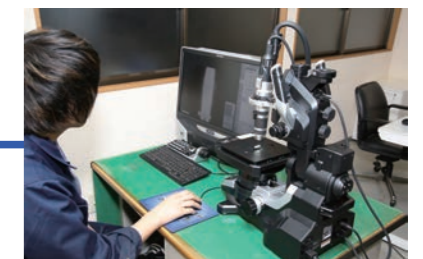
Inspect the details using various machines for inspection.



Image measurement machine



3 dimensions measuring machine



Microscope



## Awards

- 5<sup>th</sup> Eichi Shibusawa Business Award – Special prize
- Business Award of Industry and Academia Collaboration (Saitama office) – Award of Excellence

## Product with Design Registration

- 6 plane cutting needle (Registered September 9th 2016)

## Company Outline

- Company Name Technical Arts Co.,Ltd.
- Place of Business 5-11-19 Kitamachi, Warabi-City, Saitama Prefecture, 335-0001 JAPAN  
TEL: +81-48-444-7131  
FAX: +81-48-444-7150
- Found November 14, 1990
- Stated Capital 30 million yen
- Employees 20 persons
- Business Range Manufacturing of paper punch  
Lazar cutting  
Manufacturing of medical puncture needle
- Main Customers Vendix Co., Ltd.  
Leading medical equipment manufacturer
- Banks Aoki Shinkinbank  
Saitama Resona Bank, Limited  
The Musashino Bank, Ltd.

## History

- 1990 Found in Kawaguchi-City, CEO Yasunori Nakayama
- 1993 Moved to Warabi-City
- 2006 Increased capital to 30 million yen
- 2009 Started development of punches and polishing blades
- 2010 CEO Ryuji Yamagata appointed
- 2010 Started development of prototype for medical puncture needle
- 2010 Started shipment of medical puncture needle
- 2012 Participated Saitama Management Innovation Committee certified as Sai no Kuni Designated Factory
- 2012 Saitama Management Innovation Plan approved
- 2013 Awarded Fiscal 2012 Manufacturing Subsidy
- 2014 Awarded Fiscal 2013 Manufacturing Subsidy
- 2014-15 Awarded Fiscal 2014 Manufacturing Product Development support
- 2016 Six-sided puncture needle (Registered September 9th 2016) registration No.1560288
- 2017 Change the company name to “Technical Arts”
- 2017 Registered as Medical Equipment Manufacturer under No.“11BZ200271”
- 2019 Awarded Fiscal 2017 Manufacturing Subsidy



Technical Arts Co., Ltd.

<http://www.technical-arts.co.jp/>