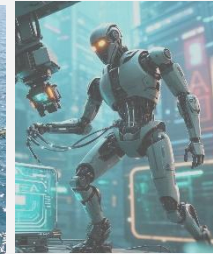
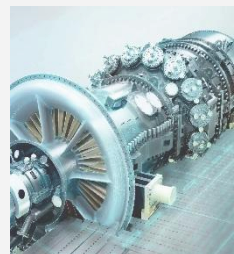




Shenzhen Stock Exchange : Finework Technology  
Stock code: 301232

# Finework(Hunan) New Energy Technology Co., Ltd.



**Finework Bolt (Hunan)  
Aerospace Technology  
CO., Ltd**



+86 0736-6643660  
+86 0736-6689739



Sales2@shfinework.cn



www.hnfinework.com



总部  
Headquarters

湖南省常德市桃源县陬市镇东新路  
Dongxin Road, Zoushi Town, Taoyuan County,  
Changde City, Hunan Province, PRC.



# CONTENTS

**1****About Finework****2****Bolt Business Introduction****3****Testing Capability****4****Qualification Certificate****5****Valuable Customer****6****Global Development**



## Introduction

- Finework Tech. was founded in 2012, located in Changde, Hunan Province, China.
- The company focuses on **High-strength fastener R&D**, manufacturing high-strength fasteners, and providing fastening system solutions.
- Our products are widely applied in high-end equipment manufacturing such as wind power, aerospace, petroleum, Gas Turbine, Ship or Vessel, construction machinery, etc..



No. of Employees: **1900+**



Output Value: **1.8 billion /Year**



Factory Acreage: **200,000m<sup>2</sup>+**

**Confidential**



# Our History

FINEWORK

2007

Our first factory was built in Shanghai.



2016

The company's output value exceeded to 100 million yuan, and was listed on the New OTC Market (Beijing)



2019

The company launched new products for wind power like turbine bolts, anchor components, etc..



2021

The company expanded its business from wind power to aviation, aerospace and petroleum.



2024

The company establishes three new subsidiaries: Yingji, Zhilingyun, and BoTe Aviation.



2012

The factory was relocated to Hunan. Finework (Hunan) was founded.



2018

Finework's factory expanded and modernized and standardized facilities were introduced.



2020

Awarded as the single champion of PRC Ministry of Industry and Information Technology (MIIT), Hunan Top 100 Manufacturing Industry.



2023

Shenzhen Stock Exchange's Growth Enterprise Market rings the bell for listing.



2025

Wind Energy Surge: Vietnam plant operational; Wind tower & farm projects launched. Aerospace Leap: Acquires Chengdu Guanhang subsidiary.



Confidential

# Organization Structure

## Finework (Hunan) New Energy Technology Co., Ltd. (Headquarter)

### Wind power components business

Finework(Hunan)New Energy Technology Co.,Ltd  
(Wind Turbine Rotor Blades and Nacelle High-Strength Fastening Systems)

Finework New Energy Technology (Huangshi) Co., Ltd  
(Wind turbine anchor bolt)

Finework New Energy Technology (Jilin) co., Ltd  
(Wind turbine anchor bolt)

Finework Union(Hunan) Industry Technology Co.,Ltd  
(Wind turbine flanges 、 anchor plates and large structural components)

Finework Nut(Hunan)Fastener Manufacturing Co., Ltd  
(Wind turbine nuts)

Vietnam Precision Craft Component Technology Co.,Ltd  
(Wind Turbine Rotor Blades and Nacelle High-Strength Fastening Systems)

Finework New Energy Equipment (Liuzhou) Co., Ltd  
(Wind turbine tower barrel)

Finework(Changde) Equipment Manufacturing Co., Ltd  
(Wind turbine tower barrel)

Finework(Huaihua) wind turbine tower barrel project

Finework (Ningxia) wind turbine anchor bolt project

### Aerospace components business

Finework Bolt(Hunan)Aviation Technology Co., Ltd  
(Aviation engine fasteners)

Engine(Hunan)Aviation Technology Co., Ltd  
(Key components of aviation engine)

Zhilingyun(Hunan) Aviation Technology Co., Ltd  
(Metal seal device of aviation engine)

Suzhou Finework Aviation Technology Co., Ltd  
(Sheet metal welding component for aviation engines)

Chengdu Guanhang Technology Co., Ltd  
(Oil and aviation Industries)

### New energy business

Finework Lingwo(Changde)New Energy Co., Ltd

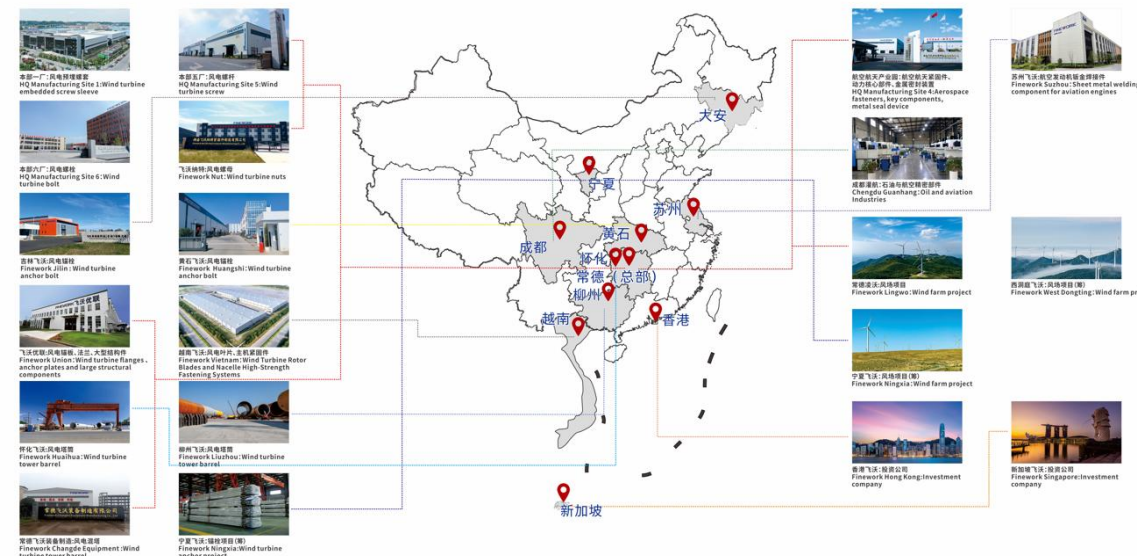
Finework(WestDongting) wind farm project

Finework (Ningxia) wind farm project

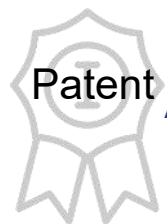
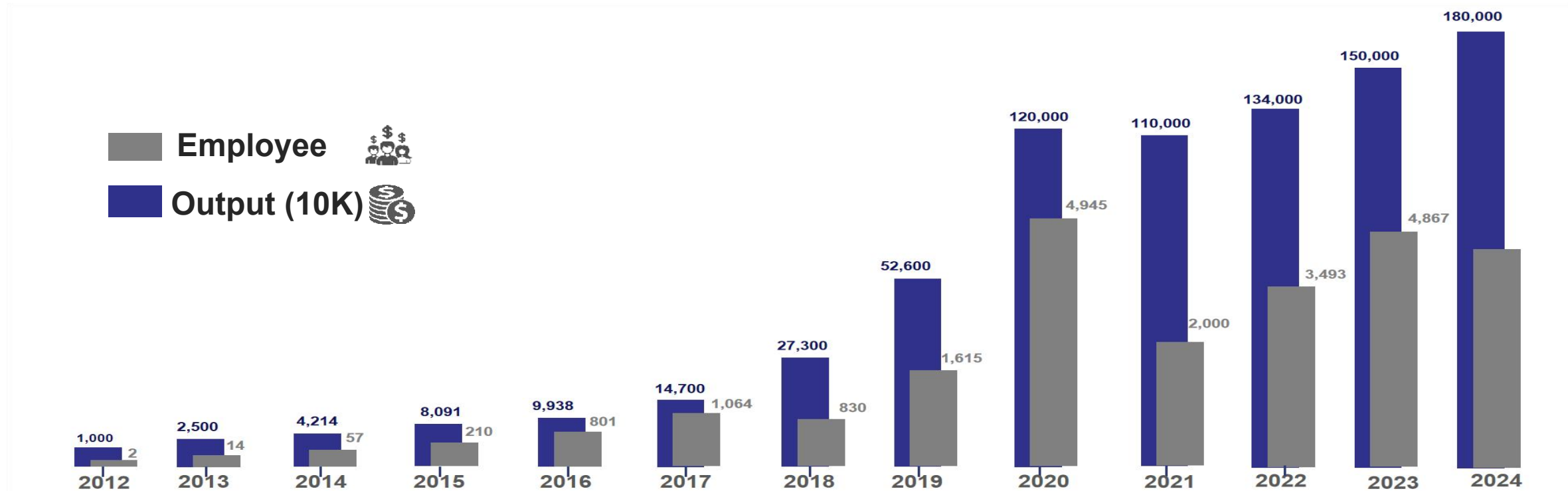
### Overseas investment business

Finework International(Hong Kong)Investment Co., Ltd

Finework International(Singapore)Technology Pte.,Ltd



# Our History



Patent

**75+** items

Authorized Patent

**24** items

Software Authorships

**36** items Patent for invention

**37** items Utility Model Patent

**8** items Leading participation indeveloping



Honor

Global market share of embedded screw sleeve of wind turbine blade

**No.1**

National Intelligent **Manufacturing** Pilot Demonstration Enterprise by MIIT



# CONTENTS

**1****About Finework****2****Bolt Business Introduction****3****Testing Capability****4****Qualification Certificate****5****Valuable Customer****6****Global Development**





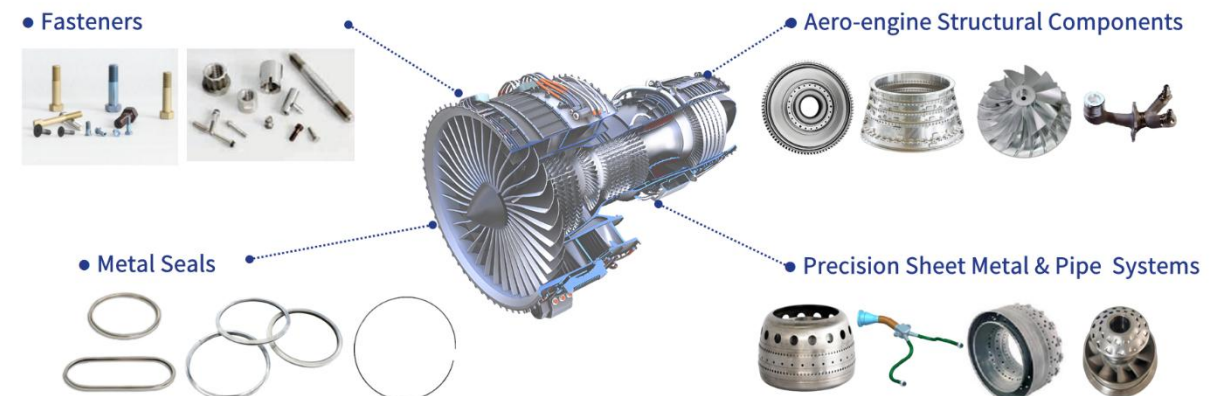
We focus on the global aerospace market, organizes **five subsidiary company**, and provides Four major types of aerospace products:

- **Aerospace Fasteners**  
(bolt, nut, washer, tie rod, pin, etc.)
- **Engine Precision Structural Parts**  
(casing, turbine disk, etc.)
- **Precision Sheet Metal**  
(combustion chamber, flame tube, tube assembly etc.)
- **Metal Seals**  
(W-rings, C-rings, multi-convolution rings, etc.)
- **Precision Machining Components for Oil & Aviation**  
(Oilfield equipment parts, Close blisk, etc.)

Initial Investment: **300 millions yuan**

Factory Acreage: **40,000m<sup>2</sup>**

No. of Employees: **400+**







## Brief Introduction

# Finework Bolt (Hunan) Aerospace Technology CO., Ltd



**Finework Bolt (Hunan) Aerospace Technology Co., Ltd** was established in Nov 2024 as sub-company of Finework Tech, with new technology research and development, performance testing, manufacturing. We were grew out of Fastener BU established in May 2017.

Effective standardization of management systems, obtained **ISO 14001, ISO 9001, AS9100D, IATF 16949.**

Fastener team members have many years' working experience reference to fastener R&D and manufacturing. The manufacturing processes are precision machining, hot forging, cold forging, thread rolling, heat treatment, surface treatment, NDT, performance test.

Our customers cover **aerospace, electronics, petroleum, nuclear power, gas turbines**, and etc.. The products are mainly based on new aerospace materials include with titanium alloy and supper alloy. The characteristics of products are high precision, high strength, high temperature resistance, fatigue resistance, and etc..

The product category is well-found, include nut series, bolt series, pipeline connecting series, retaining ring series, washer series, pin & plug series, shaft series, and etc..

**Committed To Be A Global Leading Aerospace Fastening System Solution Provider!**



## Typical Products -

# Structural steel & stainless-steel stud(screw)

### Structure:

- **Head Style:** Hexagonal and hex flange, 12-point flange, Cylinder Series, Panhead, Flat round head or oval head, Flat countersunk(90/100/120°), T - head, etc.;
- **Slot style:** Cross, Slotted head, Indented Hexagon, Hexagon lobular socket;

### Raw Material:

- **Alloy steel(A):** 30CrMnSiA, 40CrNiMoA, etc.;
- **Stainless steel(B):** 1Cr18Ni9Ti, 1Cr17Ni2, B4B, etc.;
- **Titanium alloy(C):** TC4, TC6, TC16, TB3, etc.;

### Coating Type:

- **A:** Galvanization, Cadmium plating, Blackening—oxidation, Electroless Nickel Plating, etc.
- **B:** Passivation, etc.
- **C:** Aluminum spraying, Anodizing, MnS<sub>2</sub>(molybdenum disulfide) praying, etc.

### Diameter Range:

1.6-50mm series

### Thread Type:

M THD, MJ THD, UN THD, UNJ THD, etc.





## Structure:

- **Head Style:** Hexagonal and hex flange, 12-point flange, Cylinder Series, Panhead, Flat round head or oval head, Flat countersunk(90/100/120° ), D - head, etc.;
- **Slot style:** Slotted head, Indented Hexagon, Hexagon lobular socket;

## Raw Material:

GH4169(Inconel718/N07718), GH2132(A286),GH159(MP159), GH4033(Inconel 625, or NC22DNb, W.Nr.2.4856), GH738(Waspaloy or NC20K14), GH141(UNS NO7041), GH2696, GH4698, GH30, etc.;

## Coating Type:

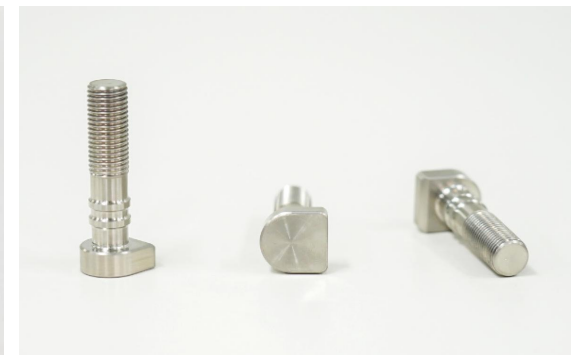
Passivation, Silver plating, etc.

## Diameter Range:

5-50mm series

## Thread Type:

M THD, MJ THD, UN THD, UNJ THD, etc.



## Structure:

Hexagonal and hex-flange(self-locking nut and normal nut), 12-point flange nut, receptacle nuts(or anchor nut 双耳托板螺母), floating self-locking nut(游动自锁螺母), etc.;

## Raw Material:

- **Alloy steel(A):** 30CrMnSiA, 40CrNiMoA, etc.;
- **Stainless steel(B):** 1Cr17Ni2, 1Cr18Ni9Ti, etc.;
- **Supper alloy(C):** GH2132(A286), GH4169 (Inconel718/N07718), GH738, etc.;

## Coating Type:

- **A:** Galvanization, Cadmium plating, etc.
- **B:** Passivation, MnS2(molybdenum disulfide) praying, etc.
- **C:** Aluminum spraying, Passivation, etc.

## Diameter Range:

3-56mm series

## Thread Type:

M THD, MJ THD, UN THD, UNJ THD, etc.







## Typical Products -

### Rivet & washer & locking washer& plug & pin

#### Structure:

Countersunk head rivets, countersunk hollow rivet, flat-head hollow rivet, panhead rivet, Titanium-niobium rivet, washer, locking washer, spring washer, plug, pin, etc.;

#### Raw Material:

- **Aluminum alloy(A):** 2A10, 2A12, etc.;
- **Titanium-niobium alloy(B):** Ti45Nb;
- **Super alloy(C):** GH3044, GH2132(A286), L605, etc.;
- **Stainless steel(D):** 1Cr18Ni9Ti(AISI 321), 0Cr18Ni9 etc.;
- **Alloy steel(E):** 30CrMnSiA, 40CrNiMoA, etc.;

#### Coating Type:

- **A:** Anodizing, etc.;
- **B:** Anodizing, etc.;
- **C:** Silver plating, Passivation, etc.;
- **D:** Passivation, etc.;
- **E:** Galvanization, Cadmium plating, Blackening – oxidation, etc.

#### Diameter Range:

3-10mm series



## Structure:

Lock plate, pin shroud, plug inner-barrel, washer, screw, etc.;

## Raw Material:

- **Super alloy(A):** Inconel 718, IncoloyA-286, UNS 30605(L605), N07750 Type 2, etc.;
- **Stainless steel(B):** 1Cr13, B4B, 06Cr19Ni10, 0Cr25Ni20, etc.;
- **Alloy steel(C):** B16(35CrMoVA), 42CrMo, etc.;

## Coating Type:

- **Super alloy(A):** N/A
- **Stainless steel(B):** N/A
- **Alloy steel(C):** Zinc Plating, etc.;

## Surface Harden Process:

- **Super alloy(A):** N/A
- **Stainless steel(B):** N/A
- **Alloy steel(C):** Nitriding, etc.;

## Diameter Range:

3-65mm series



## Structure:

Tie rod LPT - jupiter 1, nut LPT – Jupiter 1, plug LPT – Jupiter 1, self-locking nut, ring nut, screw with special head, etc.;

## Raw Material:

- **Super alloy(A):** Inconel 718, Was, UNS 30605(L605), etc.;
- **Stainless steel(B):** X12Cr13(12Cr13), B4B, NIMONIC263, ANSI 410, ANSI 316L, etc.;
- **Alloy steel(C):** B16(35CrMoVA), 42CrMo, etc.;

## Coating Type:

- **Super alloy(A):** N/A
- **Stainless steel(B):** Silver plating, Electroless Nickel Plating.
- **Alloy steel(C):** Zinc Plating, etc.;

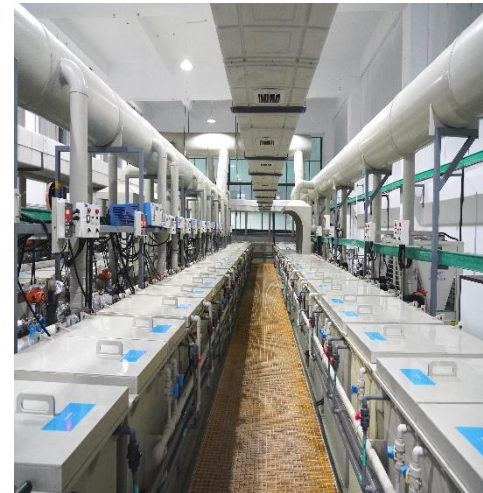
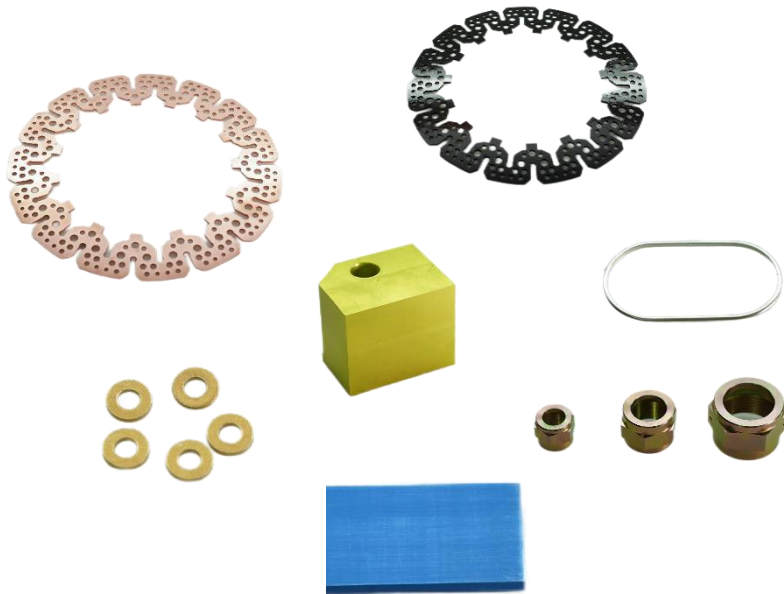
## Diameter Range:

3-65mm series



# Typical Products - Capacity for Surface Treatment

- Copper plating
- Nickel plating
- Silver plating
- Yellow sulfuric acid anodizing
- Gold conduction oxidation
- Blue anodizing
- Blackening-oxidation
- Pickling and passivation
- Phosphating
- Colored zinc electroplating
- Pulse anodizing
- Boronizing
- Electroless Nickel Plating( $\leq 75\mu\text{m}$ )





1

Super alloy and titanium alloy heat treatment and surface treatment process

2

Super alloy head hot upsetting forming process

3

High-strength bolt thread rolling forming process

4

Fatigue-resistant bolt head cold work strengthening process



Heat Treatment



Surface Treatment



Hot Forging



Thread Rolling



R Corner Rolling



# CONTENTS

**1****About Finework****2****Bolt Business Introduction****3****Testing Capability****4****Qualification Certificate****5****Valuable Customer****6****Global Development**

ICP



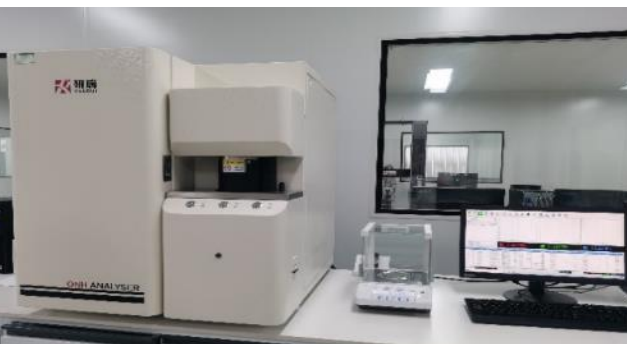
Hardness tester



Metallographic microscope



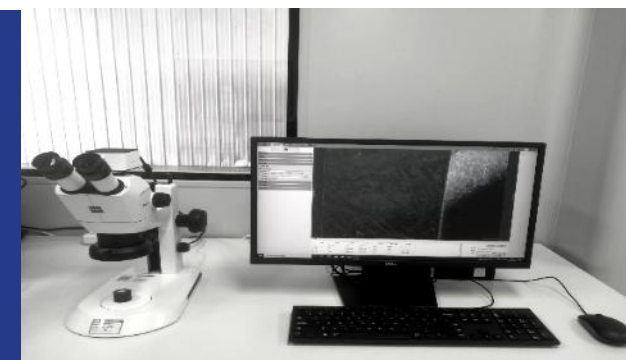
ONH



XRF



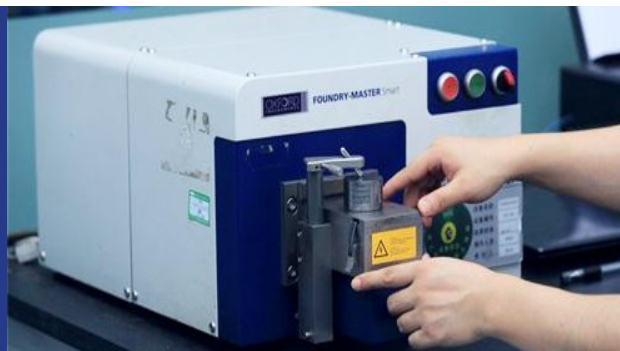
Body macroscope



CS



OES



NSS





# Test Equipment—Performance Test

FINEWORK

Vibration Test



Stress Rupture Test



Fatigue Test



Torque Test



Tensile Test at RT



Tensile Test at HT



Impact Test



Resistance Test



Magnetic permeability



Confidential



**UT (Ultrasonic Test)**



**MT (Fluorescent Magnetic Test)**



**PT (Fluorescent Penetrant Test)**



# Measuring Equipment- Precision Dimensional Measurement



**CMM**

**Band & Model**  
"Serein" Croma Classic&  
8106

**Measuring item**  
Dimensional measurement

**Measuring Capability**  
800mm\*1000mm\*600mm

**Measuring Accuracy**  
 $\pm(3+3 \times L/1000)\mu\text{m}$



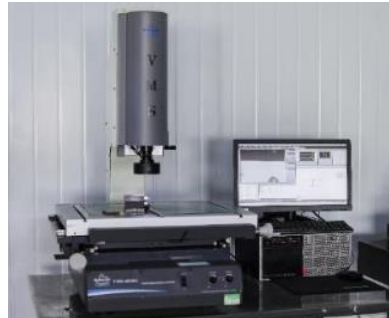
**Digital height Gauge**

**Band & Model**  
Mitutoyo&  
LH-600E

**Measuring item**  
Height measurement

**Measuring Capability**  
0-600mm

**Measuring Accuracy**  
 $1.1+0.6L/600\mu\text{m}$



**Digital Projector**

**Band & Model**  
Wanhao&  
VMS-4030G

**Measuring item**  
Dimensional measurement

**Measuring Capability**  
400mm\*300mm\*150mm

**Measuring Accuracy**  
 $3+L/200\mu\text{m}$



**Optical Comparator**

**Band & Model**  
WILSON&  
MMD-HPG150TSL

**Measuring item**  
Profile Measurement

**Measuring Capability**  
0-150mm

**Measuring Accuracy**  
5um



**Circularity gauge**

**Band & Model**  
WILSON&  
CA-95CNC

**Measuring item**  
Roundness Measurement

**Measuring Capability**  
 $\phi 400\text{mm} \times 500\text{mm}$

**Measuring Accuracy**  
0.8um/300  
X:( $0.025+5H/10000$ )um  
Z:( $0.025+6X/10000$ )um



**Gear measuring gauge**

**Band & Model**  
Shanghai Measuring Tools&  
DD30

**Measuring item**  
Gear Measurement

**Measuring Capability**  
 $M1-6 \times \phi 300\text{mm}$

**Measuring Accuracy**  
1um



# CONTENTS

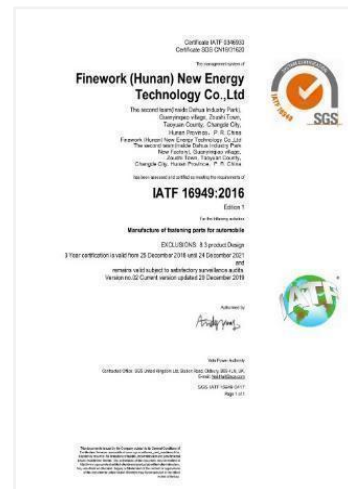
**1****About Finework****2****Bolt Business Introduction****3****Testing Capability****4****Qualification Certificate****5****Valuable Customer****6****Global Development**

# Qualification and Certificates

**FINEWORK**



ISO 14001



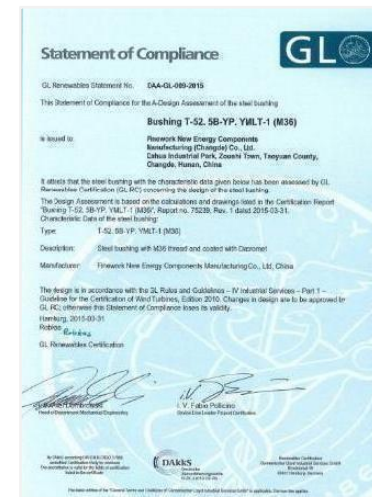
ISO 16949



ISO 9001



IATF 16949



GL



CNAS(ISO/IEC 17025)



TPG-Heat Treating



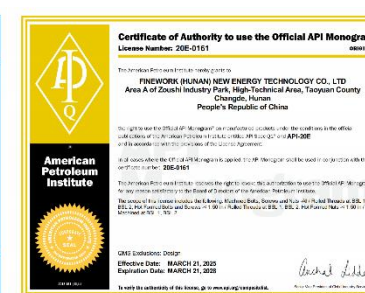
TPG-NDT



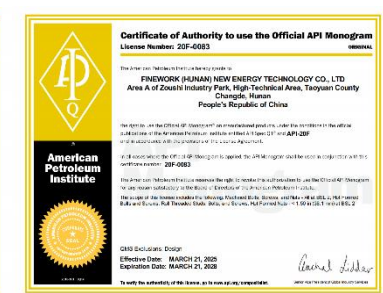
NADCAP(MT&PT)



AS9100D



API-20E



API-20F

Confidential



	Scope of Cert	Audit Plan	Certified Plan
<b>Nadcap Cert</b>	Vacuum Heat Treatment Super alloy & precipitation- hardened stainless steel	May 2025/On-going	Dec 2025/On-going



# CONTENTS

**1****About Finework****2****Bolt Business Introduction****3****Testing Capability****4****Qualification Certificate****5****Valuable Customer****6****Global Development**



GE VERNOVA

Baker Hughes



SIEMENS  
energy



HEGGEMANN  
O O O O O O

TRM TRMOTOR  
GÜÇ SİSTEMLERİ



Collins Aerospace



SAFRAN  
AEROSPACE · DEFENCE · SECURITY





## A Brief History of Cooperation on Different Categories with GE

Finework (Hunan) New Energy Technology CO. Ltd (Vendor #: S79292-108) has already been an approved supplier of GE Vernova since 2023. Our current business scope mainly focus on lock plate, pin shroud, plug inner-barrel, washer, screw with GE Vernova.

Year	PO lines	Qty. Demand	PO Amount (USD)	Qualified P/N Items	Orders from
2023	72	546	7, 538.19	40	US+QHD (Qinghuangdao)
2024	220	40124	163, 401.18	116	US+QHD (Qinghuangdao)
2025	91	15715	54, 606.32	2	US + Hungary + Netherlands



GE Qualified  
Records

- 158 items qualified by FPQ and with consistent orders
- Regarding the normal demand fasteners, Finework has planed stocking material with GE Vernova in 2024.

Main orders from GE Hungry, Netherlands, US, QHD for service. New opportunities is to developing with new turbines.

## A Brief History of Cooperation on Different Categories with BH

Finework (Hunan) New Energy Technology CO. Ltd has already been an approved supplier of BH since 2023. Our current business scope mainly focus on tie rod, plug, self-locking nut, ring nut, screw with special head.

Year	Yearly Volume (EUR)	Remark
2025	3, 850, 000	FPQ On-going
2026	7, 700, 000	Forecast per LOI
2027	6, 400, 000	Forecast per LOI

- MOU signed on Mar 25<sup>th</sup> , 2025.
- LOI signed on Mar 31<sup>st</sup>, 2025.

Mainly focus on fasteners, combustion parts and OFS.





# CONTENTS

**1****About Finework****2****Bolt Business Introduction****3****Testing Capability****4****Qualification Certificate****5****Valuable Customer****6****Global Development**



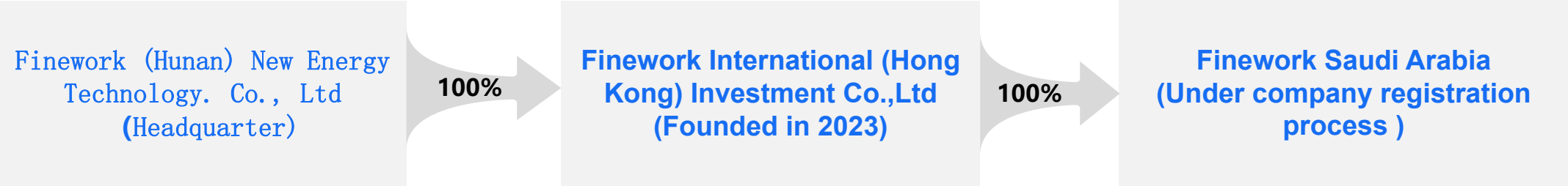
- A factory in **Vietnam** to manufacture all categories of fasteners with full in-house manufacturing for wind enegy set up in 2024

No.	Category/产品	Capacity/(Pcs/Year)	Capacity/(Metric Tons/Year)
1	Bushing(Insert)/螺套	1,000,000	6,126
2	Stud /螺杆	4,000,000	9,590
3	Nacelle & Tower Bolt/机舱&塔筒螺栓	1,500,000	6,080
4	Anchor bolt/锚栓	160,000 (2,000 sets)	17,795
5	Flange (In preparation) /锚板	3,500	7,000
	Total/总计		46,591

- Potential locations in **US** under review for selection
- Subsidiary in **Saudi Arabia** is under registration

# Finework New Factory in Saudi Arabia

**A Fully-owned overseas subsidiary invested by Finework Hong Kong, to be set up**



## Timeline

Category	Registration	Construction	Trial Manufacturing
Fasteners	Mar,2025-July,2025	July 2025 - July 2026	Q3, 2026
Precision Machining	Mar,2025-July,2025	July 2025 - July 2026	Q3, 2026
Laser Cladding	TBD	TBD	TBD

## Support needed from Baker Hughes in Saudi Arabia and GCC

- Fasteners: Baker Hughes Saudi already gave annual forecast of 2025
- Precision Machining: forecast of annual requirements in 2025;
- **Other GE VERNOVA facility BD support in GCC**



Shenzhen Stock Exchange : Finework Technology  
Stock code: 301232

# Thank you!

To be Global Leading High  
Strength Fastening System

Provider



+86 0736-6643660  
+86 0736-6689739



Sales2@shfinework.cn



www.hnfinework.com



总部  
Headquarters

湖南省常德市桃源县陞市镇东新路  
Dongxin Road, Zoushi Town, Taoyuan County,  
Changde City, Hunan Province, PRC.

