

## Company Profile

Manufacturing Precision

fasteners, Threaded rod, Bolt, Nut, Screw, Washer&custom Proudly since 2005.

## 公司产品简介

精密制造始于2005

螺纹杆、螺栓、螺母、螺丝、垫圈及定制产品。

## Expertise:

Shine Yu Hardware, was formed way back in 2005.

It has focused on the research and development and manufacturing of fasteners for machinery, construction, and industry.

To meet the needs of OEM manufacturers and global customers, the company adheres to a “customer-centric” philosophy, continuously optimizing quality and service, creating value for customers, and establishing a strong reputation and trust in the global market.

自2005年成立以来，Shineyu Hardware 专注于机械、建筑及工业紧固件的研发与制造。

为满足 OEM 制造商及全球客户的需求，公司始终秉承“以客户为中心”的理念，不断优化品质与服务，持续为客户创造价值，并在全球市场树立了良好的信誉与信任。



## Quality Control:

Strict quality control in compliance with international standards, ensuring every fastener is consistent and dependable.

### Dimensional Inspection

Tools Used: Digital calipers, micrometers, thread gauges (Go/No-Go), optical comparators.

Standards: ISO 4759-1, DIN 267, BS 3692

Purpose: Ensures bolts meet precise tolerances for dimensions such as diameter, length, and thread pitch.

### Thread Inspection

Tools Used: Thread ring gauges, thread plug gauges.

Standards: ISO 965-1, DIN 13-1, BS 3643

Purpose: Verifies proper threading to ensure compatibility and avoid issues with fitting.

### Hardness Testing

Tools Used: Rockwell hardness testers (HRB, HRC scales).

Standards: ISO 6508, DIN 50103, BS EN ISO 6508

Purpose: Ensures the bolt meets the required hardness for its intended use.

### Tensile Strength Test

Tools Used: Universal testing machines (UTM).

Standards: ISO 898-1, DIN EN ISO 6892-1

Purpose: Measures the maximum tensile load a bolt can endure before breaking.

### Coating Thickness Measurement

Tools Used: Coating thickness gauges (magnetic induction, eddy current).

Standards: ISO 2178, ISO 2360

Purpose: Measures coating thickness to ensure corrosion protection and adherence to industry standards.

### 尺寸检查

所用工具: 数字卡尺、千分尺、螺纹 (Go/No-Go)、光学比较仪。

标准: ISO 4759-1、DIN 267、BS 3692

目的: 确保螺栓在直径、长度及螺纹螺距等尺寸参数上符合精确公差要求。

### 螺纹检验

所用工具: 螺纹环规、螺纹塞规。

标准: ISO 965-1、DIN 13-1、BS 3643

目的: 验证螺纹是否正确, 以确保兼容性并避免装配问题。

### 硬度测试

所用工具: 洛氏硬度计 (HRB, HRC 标尺)。

标准: ISO 6508、DIN 50103、BS EN ISO 6508

目的: 确保螺栓达到其预期用途所需的硬度要求。

### 抗拉强度试验

所用工具: 万能试验机 (UTM)。

标准: ISO 898-1、DIN EN ISO 6892-1

目的: 测定螺栓在断裂前所能承受的最大拉伸载荷。

### 涂层厚度测量

所用工具: 万能试验机 (UTM)。

标准: ISO 898-1、DIN EN ISO 6892-1

目的: 测定螺栓在断裂前所能承受的最大拉伸载荷。



## Delivery:

### Manufacturing Capabilities

At Shine Yu Hardware, we pride ourselves on utilizing advanced manufacturing technologies and processes to ensure precision, quality, and efficiency. Our commitment to innovation and continuous improvement allows us to meet the exacting demands of global industries.

### Flat Thread Rolling Machines

Ensures consistent and accurate threading for bolts across various sizes and standards.

### Punch Press

Advanced stamping presses ensure high precision and consistent forming quality.

### Multi-station Bolt Formers

High-speed automatic cold heading machines for precision bolt manufacturing, with capacities ranging from M6 to M16 in diameter and up to 160mm in length.

### Heat Treatment Furnaces

Capable of quenching, tempering, and carburizing, allowing us to provide a wide range of mechanical properties for our products.

### 生产能力

ShineYu以运用先进制造技术与工艺为荣，确保产品精准、优质且高效。我们始终致力于创新与持续改进，从而满足全球各行业严苛的高标准要求。

### 平纹螺纹滚压机

能确保不同规格和标准的螺栓螺纹加工均匀精准。

### 冲压机

先进冲压设备确保高精度与稳定成型质量。

### 多工位螺栓成型机

高速自动冷镦机，专用于精密螺栓制造，螺栓直径范围M6至M16，长度可达160毫米。

### 热处理炉

能够进行淬火、回火和渗碳处理，使我们能够为产品提供广泛的机械性能。



## Service:

Shine Yu Hardware proudly caters to a diverse range of industries by supplying high-quality fasteners that meet the specific requirements of each sector. Our extensive experience and versatile production capabilities enable us to serve:

### Mechanical manufacturing

Producing trapezoidal rod designed for precision and high performance in manufacturing machinery equipment assembly, and other industrial applications.

### Agricultural Equipment

Designed for heavy-duty agricultural environments, trapezoidal lead screws ensure precise, stable, and maintenance-friendly motion control.

### Energy & Renewable Energy

Supplying fasteners for solar panels, wind turbines, and energy infrastructure, ensuring stability and long-lasting performance in challenging environments.

### Construction & Infrastructure

Delivering high-tensile fasteners used in large-scale construction projects, from bridges and buildings to heavy machinery.

### Industrial Manufacturing

Producing bolts and fasteners designed for precision and high performance in manufacturing machinery, equipment assembly, and other industrial applications.

### 机械制造

生产用于制造机械设备装配及其他工业应用的精密高性能梯形杆。

### 农业设备

专为重载农业环境设计，提供精准稳定且易维护的线性运动控制。

### 能源与可再生能源

为太阳能板、风力涡轮机及能源基础设施供应紧固件，确保在严苛环境中保持稳定性和持久性能。

### 建筑与基础设施

为桥梁、建筑及重型机械等大型建设项目提供高拉伸强度紧固件。

### 工业制造

生产螺栓和紧固件，用于制造机械、设备装配和其他工业应用，具有精确性和高性能。



## We are committed to delivering:

cost-effective power transmission solutions — an ideal choice for low-cost drive systems.  
reliable self-locking performance under heavy loads.

## 我们承诺:

经济高效的动力传输解决方案——低成本驱动系统的理想之选。  
重载下可靠的自锁性能。



**Threaded rod series**

# Trapezoidal Rod 梯形螺杆

## Applications

Used for heavy-duty lifting, positioning, and linear motion in:

- Industrial machinery
- Agricultural equipment
- Construction systems
- Automation devices

## Features

- High load capacity
- Self-locking design for safety
- Smooth and precise movement
- Durable and long service life

## Technical Specifications

Diameter (D)	Pitch	Length (L) mm	surface	Metric Grades	Standards
T36	P6	500	Plain/Customized	4.8/6.8/8.8	Customized
		600	Plain/Customized	4.8/6.8/8.8	Customized
		1200	Plain/Customized	4.8/6.8/8.8	Customized
		1500	Plain/Customized	4.8/6.8/8.8	Customized
T32	P6	1600	Plain/Customized	4.8/6.8/8.8	Customized
		2100	Plain/Customized	4.8/6.8/8.8	Customized
		2300	Plain/Customized	4.8/6.8/8.8	Customized
		2400	Plain/Customized	4.8/6.8/8.8	Customized
T25	P5	2600	Plain/Customized	4.8/6.8/8.8	Customized
		2700	Plain/Customized	4.8/6.8/8.8	Customized
		2800	Plain/Customized	4.8/6.8/8.8	Customized
T24	P5	3000	Plain/Customized	4.8/6.8/8.8	Customized

## 应用

用于重型起重、定位和线性运动：

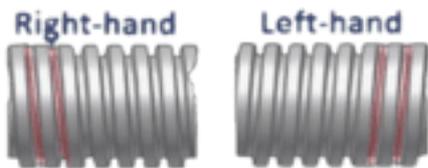
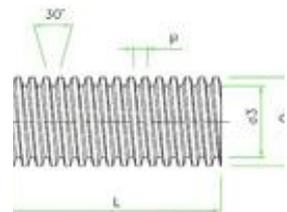
- 工业机械
- 农业设备
- 建筑系统
- 自动化设备

## 特色

- 高载荷能力
- 自锁设计以保障安全
- 平稳精准的运动
- 耐用且长寿命

## 技术规格

直径	螺距	长度mm	表面	公制等级	标准
T36	P6	500	本色/定制	4.8/6.8/8.8	定制
		600	本色/定制	4.8/6.8/8.8	定制
		1200	本色/定制	4.8/6.8/8.8	定制
		1500	本色/定制	4.8/6.8/8.8	定制
T32	P6	1600	本色/定制	4.8/6.8/8.8	定制
		2100	本色/定制	4.8/6.8/8.8	定制
		2300	本色/定制	4.8/6.8/8.8	定制
		2400	本色/定制	4.8/6.8/8.8	定制
T25	P5	2600	本色/定制	4.8/6.8/8.8	定制
		2700	本色/定制	4.8/6.8/8.8	定制
		2800	本色/定制	4.8/6.8/8.8	定制
T24	P5	3000	本色/定制	4.8/6.8/8.8	定制



# Threaded rod 通丝螺杆

## Applications

Used for structural fastening and suspension systems:

Ceiling suspension systems

Construction anchoring

HVAC installation

Pipe and equipment hanging

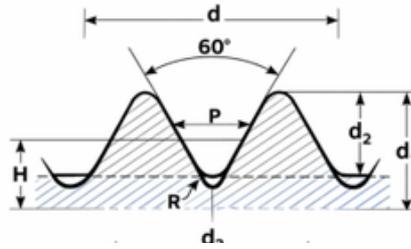
## Features

High strength and load capacity

Easy cutting and installation

Full-thread for flexible adjustment

Durable and corrosion resistant



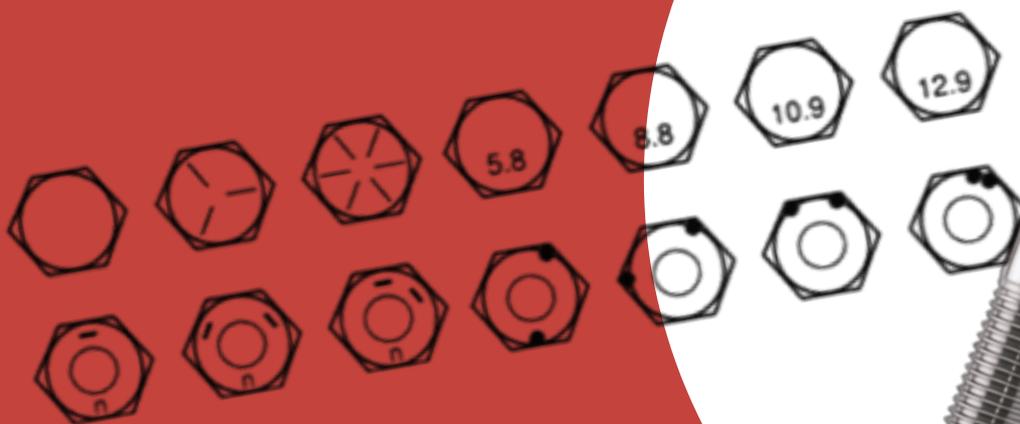
## Technical Specifications

Diameter (D)	Pitch	Length (L)mm	Length (L)inch	surface	Metric Grades	Standards
M20	P2.5	500	3/4"	BZP/HDG/YZP	4.8/8.8/10.9/12.9/A	DIN 975/DIN 976/ASTM A193 (Grade B7)
		600	3/4"	BZP/HDG/YZP	2-70/80 A4-70/80	DIN 975/DIN 976/ASTM A193 (Grade B7)
		1200	3/4"	BZP/HDG/YZP	4.8/8.8/10.9/12.9/A	DIN 975/DIN 976/ASTM A193 (Grade B7)
M24	P3	1500	1/8"	BZP/HDG/YZP	4.8/8.8/10.9/12.9/A	DIN 975/DIN 976/ASTM A193 (Grade B7)
		1600	1/8"	BZP/HDG/YZP	2-70/80 A4-70/80	DIN 975/DIN 976/ASTM A193 (Grade B7)
		2100	1/8"	BZP/HDG/YZP	4.8/8.8/10.9/12.9/A	DIN 975/DIN 976/ASTM A193 (Grade B7)
M30	P3.5	2300	1 1/4"	BZP/HDG/YZP	4.8/8.8/10.9/12.9/A	DIN 975/DIN 976/ASTM A193 (Grade B7)
		2400	1 1/4"	BZP/HDG/YZP	2-70/80 A4-70/80	DIN 975/DIN 976/ASTM A193 (Grade B7)
		2600	1 1/4"	BZP/HDG/YZP	4.8/8.8/10.9/12.9/A	DIN 975/DIN 976/ASTM A193 (Grade B7)
M36	P4	2700	2"	BZP/HDG/YZP	4.8/8.8/10.9/12.9/A	DIN 975/DIN 976/ASTM A193 (Grade B7)
		2800	2"	BZP/HDG/YZP	2-70/80 A4-70/80	DIN 975/DIN 976/ASTM A193 (Grade B7)
		3000	2"	BZP/HDG/YZP	4.8/8.8/10.9/12.9/A	DIN 975/DIN 976/ASTM A193 (Grade B7)



Precision Manufacturing. Reliable Fastening

精密制造. 稳固连接



**Bolt series**

# Bolt 螺栓

**Applications**

Hex Head Bolt-General purpose fastening  
 Flange Bolt-With built-in washer for better load distribution  
 Fish Bolt-Railway track connections  
 Weld Bolt-Steel structure connections  
 U-Bolt-Pipe and tube support

**Features**

High strength and reliable load capacity  
 Secure and stable fastening performance  
 Easy installation and maintenance  
 Durable with corrosion-resistant options

**Technical Specifications**

PRODUCT	Diameter (D)	Length (L)mm	Length (L)inch	surface	Metric Grades	Standards
Hex Head Bolt	M5-M48	100-800mm	1/4"-2"	Customized	4.8/8.8/10.9/12.9/A2-70/80 A4-70/80	DIN 931/ DIN 933
Flange Bolt	M5-M20	100-300mm	1/4"-3/4"	Customized	4.8/8.8/10.9/12.9/A2-70/80 A4-70/80	DIN 6921
Fish Bolt	M10-M22	16-300mm	7/16"-7/8"	Customized	4.8/8.8/10.9/12.9/A2-70/80 A4-70/80	DIN 5903
Weld Bolt	M6-M16	12-150mm	5/8"-5/16"	Customized	4.8/8.8/10.9/12.9/A2-70/80 A4-70/80	DIN34817/ DIN818
U-Bolt	M6-M36	50-820mm	5/16"-2"	Customized	4.8/8.8/10.9/12.9/A2-70/80 A4-70/80	

**应用**

六角头螺栓-通用固定  
 法兰螺栓-内置垫圈，提升负载分  
 鱼尾螺栓-铁路轨道连接  
 焊接螺栓-钢结构连接  
 U型螺栓-管道和管道支撑

**特色**

高强度和可靠载荷能力  
 安全稳定的固定性能  
 安装与维护简便  
 耐用且具耐腐蚀功能

**技术规格**

名称	直径	长度mm	英制	表面	公制等级	标准
六角头螺栓	M5-M48	100-800mm	1/4"-2"	定制	4.8/8.8/10.9/12.9/A2-70/80 A4-70/80	DIN 931/ DIN 933
法兰螺栓	M5-M20	100-300mm	1/4"-3/4"	定制	4.8/8.8/10.9/12.9/A2-70/80 A4-70/80	DIN 6921
鱼尾螺栓	M10-M22	16-300mm	7/16"-7/8"	定制	4.8/8.8/10.9/12.9/A2-70/80 A4-70/80	DIN 5903
焊接螺栓	M6-M16	12-150mm	5/8"-5/16"	定制	4.8/8.8/10.9/12.9/A2-70/80 A4-70/80	DIN34817/DIN 818
U型螺栓	M6-M36	50-820mm	5/16"-2"	定制	4.8/8.8/10.9/12.9/A2-70/80 A4-70/80	



Hex Bolts 六角螺栓



Stainless steel half threaded hexagonal bolt 不锈钢半螺纹六角螺栓



Hexagonal slotting bolt 六角打孔螺栓



Flange Bolts 法兰螺栓



Full-thread ANSI hexagon flange bolt 全牙美制六角法兰面螺栓



ANSI flange bolt 美制法兰面螺栓

# Bolt 螺栓



Stainless steel fishtail bolt  
不锈钢鱼尾螺栓



Blue white zinc gluing fish tail bolt  
蓝白锌涂胶鱼尾螺栓



Black zinc gluing fish tail bolt  
黑锌涂胶鱼尾螺栓



Weld Bolts  
焊接螺栓



Round head welding bolt  
圆头焊接螺栓



Round head welding bolt  
圆头焊接螺栓



U-Bolts  
U型螺栓



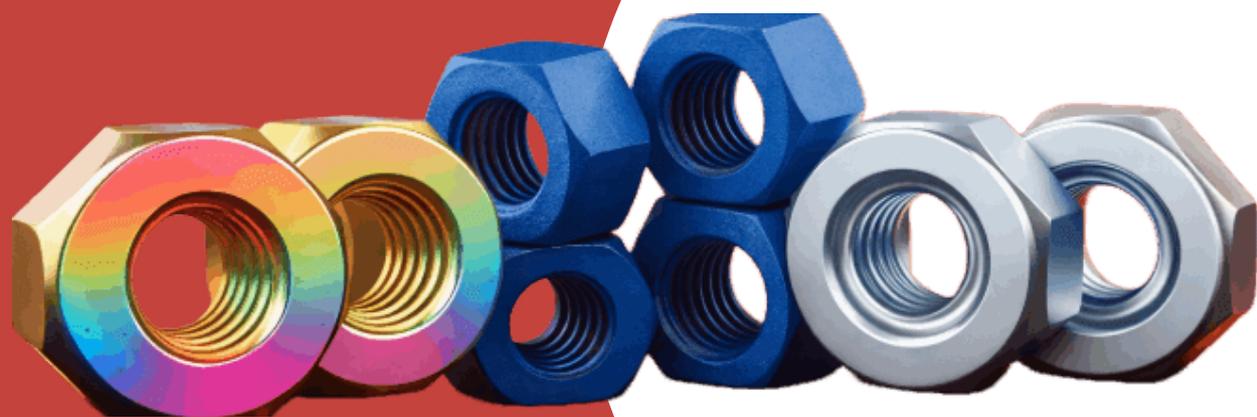
U-Bolts  
U型螺栓



Non-standard U-shaped bolt  
非标U型螺栓

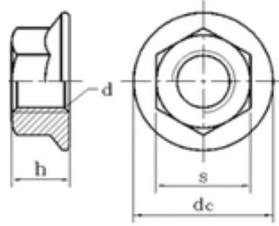
Small Parts, Powerful Performance

小部件.强劲表现



**Nut series**

# Nut 螺母



**应用**

通用机械组装  
建筑与钢结构  
汽车及工业设备  
用螺栓和螺纹杆固定

**特征**

牢固可靠的固定  
安装和拆卸简便  
高承重能力  
提供多种材料和表面处理

**技术规格**

名称	直径	表面	公制等级	标准
六角螺母	M6-M64	定制	4/6/8/10/A2-70/80 A4-70/80	DIN934/936 6
法兰螺母	M6-M64	定制	4/6/8/10/A2-70/80 A4-70/80	DIN6923

**Applications**

General machinery assembly  
Construction and steel structures  
Automotive and industrial equipment  
Fastening with bolts and threaded rods

**Features**

Strong and reliable fastening  
Easy installation and removal  
High load-bearing capacity  
Available in various materials and finishes

**Technical Specifications**

PRODUCT	Diameter (D)	surface	Metric Grades	Standards
Hex Nut	M6-M64	Customized	4/6/8/10/A2-70/80 A4-70/80	DIN934/936
Flange Nut	M6-M64	Customized	4/6/8/10/A2-70/80 A4-70/80	DIN6923



Hex Nut  
六角螺母



Lock Hex Nut  
防松六角螺母



YZP Hex Nut  
黄镀锌六角螺母



Teflon Hex Nut  
特氟龙六角螺母



Stainless steel hex nut  
不锈钢六角螺母



flange nut  
法兰螺母

**Stronger Connections, Better Solutions**

**小螺丝.大承载**

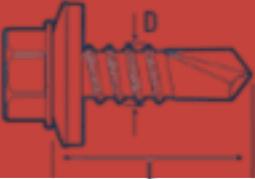


**Screw series**

# Screw 螺钉

**Light duty**  
**Hex Washer Head**

Applications  
For light duty purpose  
Stitch roof deck and wall panel sidelaps  
Residential steel frame construction  
Brick ties to steel framing



**轻型六角头螺丝**

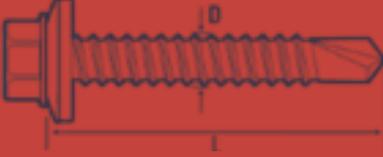
应用范围  
轻型用途  
屋顶板和墙板侧搭接连接  
住宅钢结构框架  
钢筋与钢结构框架的连接



Suggested application thickness  
Point #2 < 2 - 4mm  
Point #3 < 3 - 4mm

**Medium duty**  
**Hex Washer Head**

Applications  
For medium duty purpose  
Roof deck to steel framing  
Accessories to steel framing



**中型六角头螺丝**

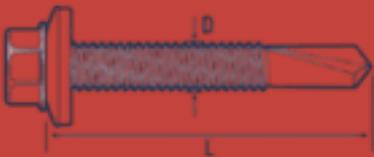
应用范围  
适用于中等负荷作业  
用于钢结构框架的甲板安装  
用于钢结构框架的配件安装



Suggested application thickness  
Point #3 < 5mm

**Heavy duty steel to steel applications**  
**Hex Washer Head**

Applications  
For heavy duty purpose  
Metal deck to structural steel or bar joist  
Clip to structural or bar joist  
Longer length fasteners for sheet applications



**重型六角头螺丝**

应用范围  
适用于重型用途  
金属板材与结构钢或钢筋桁架的连接  
夹紧结构钢或钢筋桁架  
适用于板材应用的加长型紧固件

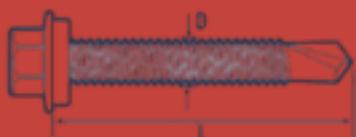


Suggested application thickness  
Point #5 < 12mm

## Hex Washer Flange

### Applications

For medium duty purpose  
Roof deck to steel framing  
Accessories to steel framing



## 六角头法兰螺丝

### 应用范围

适用于中等负荷用途  
屋顶板与钢结构框架的连接  
钢结构框架的配件



Suggested application  
thickness  
Point #3 < 5mm

## Connect with Us

Stay updated on the latest developments and innovations at FB Fasteners by  
Following us on our social media channels:



<https://www.linkedin.com/in/shineyuhardware/>

Shine Yu Hardware is more than just a supplier — we are your trusted partner in delivering excellence.

## Shine YU-Built for industry

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### Phone



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