

GENERAL CATALOGUE / 2026

PRECISION. IN EVERY CONNECTION.



FASTENERS / MACHINED PARTS / HARDWARE



CHARVISO

PRECISION COMPONENTS

OUR SPECIALISM

SMALL PARTS. BIG POSSIBILITIES.

Precision screws. Special fasteners.
Machined components. Assembly hardware.

PRECISION
SCREWS



ESTABLISHED IN 2001

From standard fastening to custom components manufactured to your drawings.

EXPLORE THE RANGE

CONTENTS

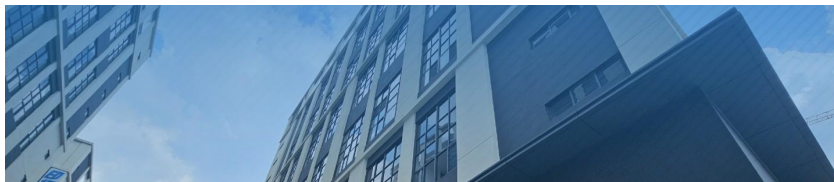
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COMPANY PROFILE

PRECISION BUILT AROUND YOUR NEEDS.

Founded in 2001, CHARVISO specialises in precision screws, special fasteners and machined components. The range includes M1-M18 screws, nuts, shafts and custom parts for electronics, automotive, energy and other industrial applications.

Production can be specified to applicable JIS, GB, DIN and ANSI requirements, or to customer drawings. Our network spans Guangdong, Vietnam and Singapore.



DRAWING-LED / APPLICATION-FOCUSED

OUR APPROACH

PRECISION. PARTNERSHIP. PROGRESS.

OUR MISSION

Deliver precision hardware that helps customers build reliable products and assemblies.

OUR VISION

Be a trusted global partner for precision fasteners and essential hardware components.

CUSTOMER FOCUS / ACCURACY
PROFESSIONALISM / CONTINUOUS IMPROVEMENT



CHARVISO

PRECISION COMPONENTS

OUR HISTORY

BUILT OVER TWO DECADES.

A growing network, built on experience in precision fasteners and hardware manufacturing.

2001

COMPANY FOUNDED

CHARVISO was established in Zhongshan.

2008

QUALITY SYSTEMS

The company developed its quality and environmental management framework.

OUR HISTORY

GROWING OUR NETWORK.

2012**XIAOLAN**

The Xiaolan branch was established.

2022**FOSHAN**

The Foshan branch joined the network.

2025**OVERSEAS LOCATIONS**

Expansion into Singapore and Vietnam.

2026**GUANGZHOU**

The Guangzhou branch was added.

OUR LOCATIONS

CONNECTED ACROSS ASIA.



Regional locations shown schematically; not to scale.

OUR LOCATIONS

ONE CONNECTED NETWORK.

ZHONGSHAN HEADQUARTERS

Founded in 2001, Zhongshan is the home of CHARVISO Precision Hardware and CHARVISO Industry and Trading, covering precision fasteners and custom hardware.

XIAOLAN BRANCH

Established in 2012, Xiaolan forms part of our Zhongshan network. The branch is located on North Gongye Avenue in Xiaolan Town.

FOSHAN BRANCH

Established in 2022, our Foshan location is based in Guangfo Hardware City, Dali, Nanhai District, within the Guangdong network.

GUANGZHOU BRANCH

Added in 2026, Guangzhou is the newest location in our Guangdong network.

BAC NINH, VIETNAM

Our Vietnam location in Bac Ninh extends the CHARVISO network beyond China and forms part of our regional manufacturing presence.

SINGAPORE

Our Singapore location forms part of the overseas network established in 2025. The listed office is at 112 Robinson Road, #03-01.

HOW WE WORK

PEOPLE BEHIND THE PARTS.

A coordinated structure connects leadership, customer support, production and quality.

LEADERSHIP

Chairman / General Manager / Deputy General Manager

OPERATIONS & SUPPORT

Finance / Administration / Purchasing / Planning

DELIVERY TEAMS

Sales & Export / Production / Quality / Engineering

QUALITY MANAGEMENT

CONSISTENCY AT EVERY STAGE.

ISO 9001

Quality management systems

ISO 14001

Environmental management systems

IATF 16949

Automotive quality management

IECQ QC 080000

Hazardous substance process management

Requirements, inspection methods and documentation are agreed for each project. Applicable certification scope should be checked against the relevant certificate.



CHARVISO

PRECISION COMPONENTS

OUR FOUNDER

WEN HONGTIAN



CHAIRMAN / CO-FOUNDER

OUR FOUNDER

EXPERIENCE THAT CONNECTS.

Wen Hongtian began his career at Guizhou Kaili Fastener Factory in 1994, working in finance. In 1996, he moved into sales and management at its Zhuhai subsidiary.

In 2001, he co-founded Zhongshan CHARVISO Industry and Trading and Zhongshan CHARVISO Precision Hardware with a core technical team.

His experience spans finance, sales, business management and manufacturing operations. CHARVISO has since developed a product range serving electronics, automotive, energy, robotics and other industrial sectors.

MANUFACTURING

AUTOMATIC TURNING.



Turning operations for screws, shafts and other precision components.

Process routes and dimensional requirements are selected to suit the component drawing.

MANUFACTURING

COLD HEADING & THREAD ROLLING.



Cold heading forms the fastener profile. Thread rolling produces the external thread. Together, these processes support efficient production of suitable fastener designs.

FORMING / THREADING / PROCESS CONTROL

MANUFACTURING

CNC MACHINING.



MANUFACTURING

TURNING. MILLING. CUSTOM GEOMETRY.



CNC equipment supports machining of shafts, sleeves and other drawing-defined components.

Dimensions and inspection criteria are agreed before production.

INSPECTION

TESTING & MEASUREMENT.



Inspection resources include salt-spray testing, tensile testing, dimensional measurement and hardness testing.

Test methods and acceptance criteria are specified for the product and its intended application.

INSPECTION

SORTING & CONSISTENCY.



Optical sorting equipment supports checks of component features and helps identify nonconforming parts before delivery.

The required sorting and inspection plan is agreed against the drawing and the customer specification.

MATERIALS & LOGISTICS

RAW MATERIAL CONTROL.



Raw materials are received, identified and organised before production. Material selection and batch control support consistent manufacturing and project traceability.

MATERIALS & LOGISTICS

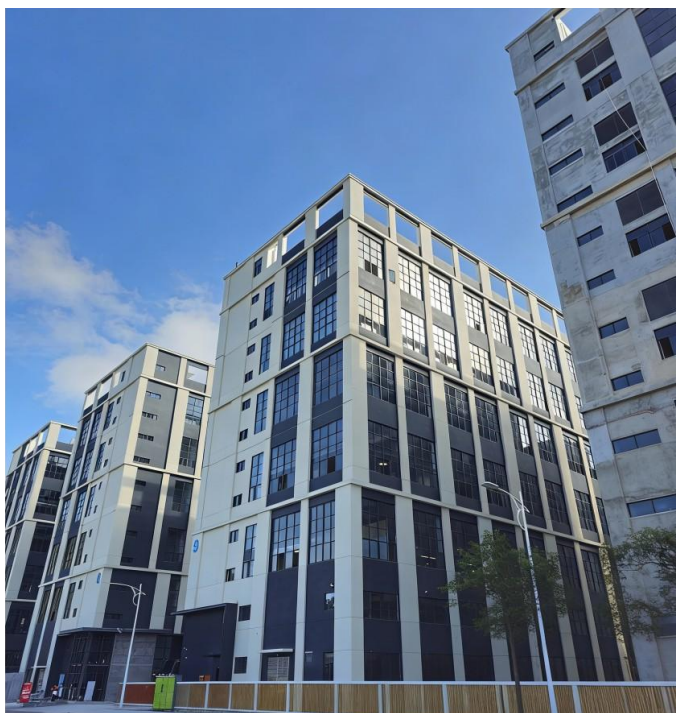
READY FOR DELIVERY.



Finished goods are stored and organised for order preparation. Packaging, identification and delivery arrangements are aligned with customer requirements.

OUR WORKPLACE

WORKING TOGETHER.

**OFFICE / COORDINATION / CUSTOMER SUPPORT**

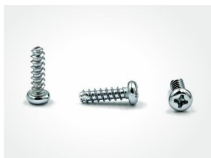
OUR WORKPLACE

SPACE TO COLLABORATE.



Open-plan work areas and meeting spaces support communication across our teams.

PRECISION SCREWS



Pan Head Tapping Screw



Pan Head Tapping Screw



Socket Head Cap Screw



Pan Head Tapping Screw



Button Head Socket Screw



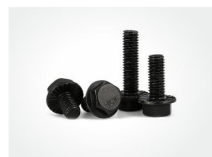
Socket Head Tapping Screw



Cross-Recessed Tapping Screw



Washer Head Screw



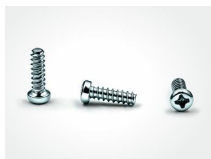
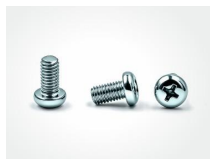
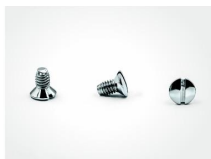
Hex Head Bolt

PRECISION SCREWS


Thread-Locking Screw

Socket Head Tapping Screw

Pan Head Tapping Screw

Truss Head Tapping Screw

Blunt-End Tapping Screw

Pan Head Machine Screw

Slotted Screw

Washer Head Tapping Screw

Socket Washer Head Screw

Socket Head Cap Bolt

SEMS Screw Assembly

Captive-Washer Screw

PRECISION SCREWS

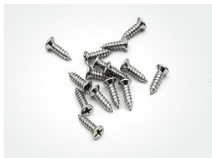

Countersunk Socket Screw

Round Head Machine Screw

Three-Piece SEMS Screw

Washer Head Tapping Screw

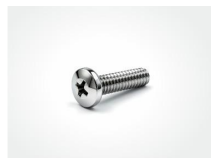
Large Pan Head Screw

Knurled Thumb Screw

Miniature Tapping Screw

6-Lobe Machine Screw

6-Lobe Countersunk Screw

Carriage Bolt

Large Pan Head Screw

Machine Screw

PRECISION SCREWS

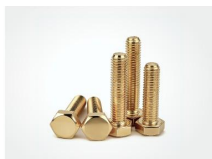

Cross-Recessed Hex Screw

6-Lobe Socket Screw

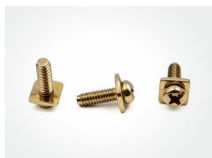
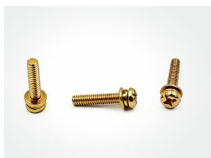
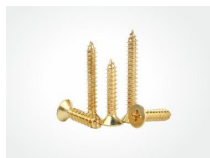
Self-Tapping Screw

Combination-Drive Screw

Countersunk Machine Screw

Flange Head Locking Screw

Brass Hex Head Bolt

Brass 6-Lobe Screw

Brass Countersunk Screw

Square-Washer Screw

Brass SEMS Assembly

Brass Tapping Screw

SPECIAL FASTENERS



Thread-Locking Screw



Socket Shoulder Screw



Round Head Rivet



Shoulder Tapping Screw



Socket Shoulder Screw



Threaded Shoulder Pin



Knurled Thumb Screw



Washer Head Shoulder Screw



Hex Head Shoulder Screw



Cross-Recessed Shoulder Screw



Slotted Machine Screw



Shoulder Machine Screw

SPECIAL FASTENERS



Expansion Anchor Bolt



Part-Threaded Screw



Grooved Shoulder Screw



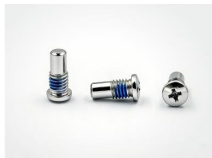
Pan Head Shoulder Screw



Threaded Locating Pin



Rounded-End Shoulder Screw



Thread-Locking Shoulder Screw



Slotted Shoulder Screw



Captive Screw



Self-Clinching Nut



Double-Shoulder Screw



Slotted Set Screw

SPECIAL FASTENERS



Solar Mounting Hanger Bolt



Machine Screw



Knurled Thumb Screw



Slotted Locating Pin



Cone-Point Set Screw



SEMS Screw Assembly



Nylon-Insert Lock Nut



Hex Nut



Knurled Nut



Cage Nut



Split Lock Washer



Screw & Wall Plug Set

SPECIAL FASTENERS



Socket Shoulder Screw



Long Threaded Rod



Dowel Pin



Long Socket Head Screw



Shoulder Dowel Pin



Socket SEMS Screw



Socket Shoulder Screw



Socket Shoulder Screw



Thread-Locking Screw



Stepped Hex Nut



Nylon-Insert Lock Nut



Threaded Insert

PRECISION MACHINED PARTS



Bearing Shaft Assembly



Multi-Shoulder Dowel Pin



Hollow Shoulder Pin



Stepped Locating Shaft



Precision Locating Pin



Stepped Guide Pin



Knurled Counterweight



Counterweight



Speaker Phase Plug

PRECISION MACHINED PARTS


Pointed Adjustment Screw

Multi-Thread Adjustment Screw

Precision Shaft

Knurled Adjustment Adapter

Grooved Shaft

Shouldered Dowel Pin

Bored Clamping Disc

Knurled Threaded Nut

Internally Threaded Bushing

Threaded Shoulder Pin

Threaded Standoff

Dowel Pin Assembly

PRECISION MACHINED PARTS

**Hex Head Screw****Shorting Ring****Threaded Top Cover****Audio Linkage Component****Water-Cooling Block****Turn-Milled Component****Knurled Thumb Screw****Knurled Counterweight****Speaker Phase Plug****Knurled Thread Adapter****Composite Adjustment Pin****Stepped Bushing**

PRECISION MACHINED PARTS



Counterweight



Slotted Shoulder Screw



Precision Shaft



Flanged Threaded Nut



Turned Insert



Double-Male Thread Adapter



Threaded Bushing



Threaded Standoff



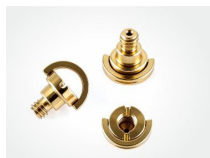
Pulley



Thumb Screw



Terminal Post



Camera Mounting Screw

STAMPED & CAST PARTS

STAMPING PARTS AND DIE-CAST PARTS



Heat Sink



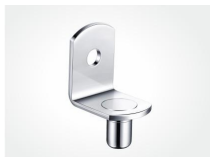
Flanged Linear Bushing



Aluminium Plate



Stamped Connecting Plate



Mounting Bracket



Stamped Plate Assembly



Electronic Enclosure



Formed Metal Strip



Metal Retaining Clip

STAMPED & CAST PARTS



Stamped Clip Assembly



Power Supply Enclosure



Spring Clip



Circlip



Flat Washer



Metal Gasket



Chassis Bracket Assembly



Magnetic Phone Mount



Mounting Bracket



Grill Guard Assembly



Electrical Contact



Multi-Hole Connecting Strip

TOOLS & ASSEMBLY HARDWARE



Slotted Screwdriver



Voltage Tester Screwdriver



Phillips Screwdriver



L-Handle Hex Driver



Double-Ended Screwdriver



6-Lobe Screwdriver



T-Handle Screwdriver



Brass Hand Tool



Precision Diagonal Cutters

TOOLS & ASSEMBLY HARDWARE



Quick-Release Assembly



Quick-Release Lever



Crank Handle



Clamping Lever



**Bicycle Derailleur
Assembly**



Star Knob Screw



Quick-Release Skewer



U-Bolt Assembly



Hose Clamp



Hex Key Set



Open-End Spanner Set



**Double-Ended Ring
Spanner**

APPLICATIONS

AUDIO & SPEAKERS



Small components. A precise acoustic assembly.

COMPONENTS IN CONTEXT



FASTENERS & PRECISION MACHINED PARTS

Audio products combine threaded joints, rotating parts and carefully positioned internal assemblies. CHARVISO supplies screws, nuts, shafts, bushings and custom turned components for speaker and audio-equipment projects.

- Enclosure and driver mounting
- Shafts, rings and locating components
- Drawing-led custom hardware

APPLICATIONS

SECURITY EQUIPMENT



Hardware for housings, mounts and adjustment.

COMPONENTS IN CONTEXT



Surveillance equipment relies on compact fastening and reliable adjustment. Our product range includes miniature screws, precision shafts and machined components for camera housings, support brackets and positioning mechanisms.

- **Camera housings and covers**
- **Adjustable mounting assemblies**
- **Small screws and locating parts**

APPLICATIONS

STROLLERS & MOBILITY



Connecting the details of everyday movement.

COMPONENTS IN CONTEXT



FASTENERS & PRECISION MACHINED PARTS

Stroller assemblies use a wide variety of connecting and locating components. CHARVISO offers screws, shoulder pins and machined parts that can be specified for frames, folding joints, wheel assemblies and accessory connections.

- **Frame and folding connections**
- **Shoulder pins and pivot hardware**
- **Customer-specific assembly parts**

APPLICATIONS

UNMANNED AERIAL VEHICLES



Precision hardware for compact assemblies.

COMPONENTS IN CONTEXT

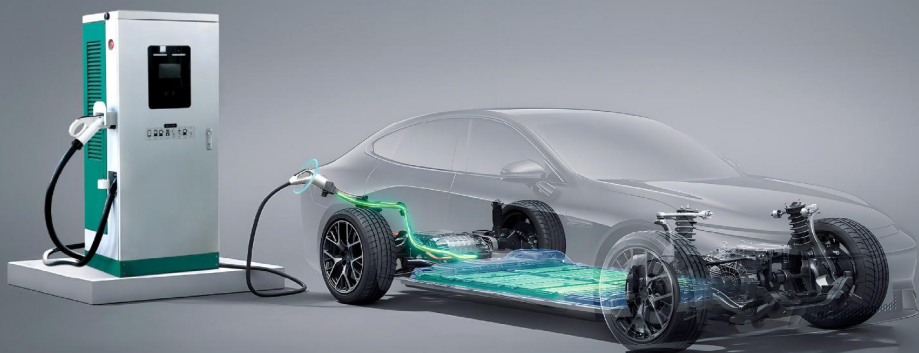


Drone assemblies place particular importance on component fit, mass and secure connections. Our range includes small screws, shafts and machined components for airframes, equipment mounts and internal assemblies.

- Airframe and payload hardware
- Small screws and custom shafts
- Drawing-led dimensional control

APPLICATIONS

ELECTRIC MOBILITY



Fasteners and turned parts for electrification.

COMPONENTS IN CONTEXT

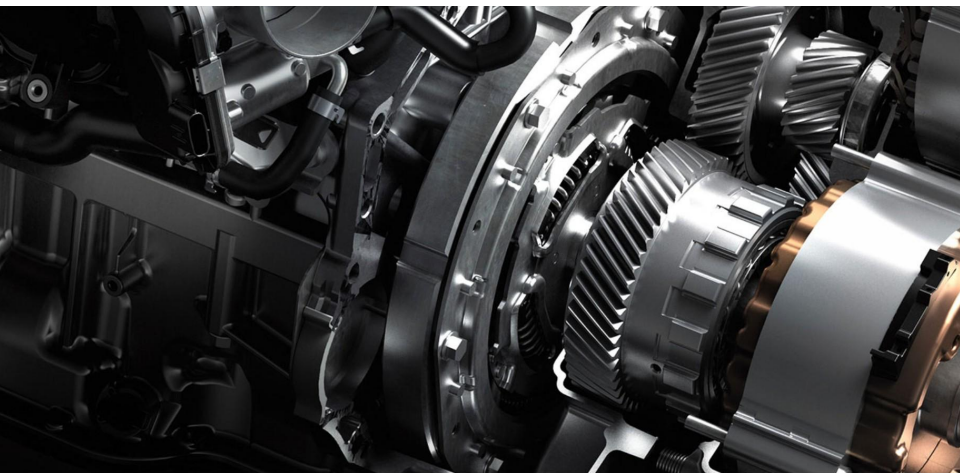


Electric vehicles and charging equipment bring together mechanical structures, electrical enclosures and precision mounting systems. CHARVISO offers fasteners and machined parts for project-specific connections across these assemblies.

- **Charging equipment enclosures**
- **Mounting sleeves and spacers**
- **Precision connection components**

APPLICATIONS

CUSTOM MACHINED PARTS



From a defined drawing to a finished component.

COMPONENTS IN CONTEXT



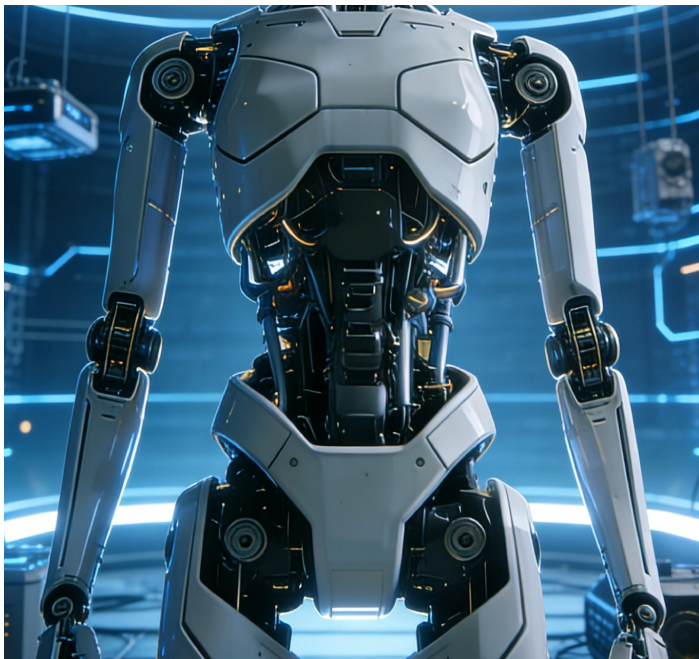
FASTENERS & PRECISION MACHINED PARTS

Special-purpose parts often combine several features in one component. CHARVISO works with customer drawings to produce shafts, sleeves, pins and threaded parts with the geometry required for the assembly.

- Turned and milled features
- Threads, shoulders and bores
- Dimensional review before production

APPLICATIONS

ROBOTICS & AUTOMATION



Connecting motion, positioning and structure.

COMPONENTS IN CONTEXT



FASTENERS & PRECISION MACHINED PARTS

Industrial robots and automation equipment require a combination of standard fastening and custom interfaces. CHARVISO supplies screws and precision machined parts for brackets, fixtures and other equipment assemblies.

- **Mounting and fixture hardware**
- **Locating pins and shoulder parts**
- **Custom components to drawing**

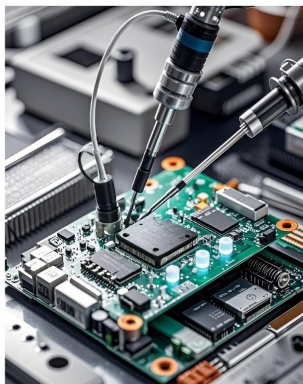
APPLICATIONS

COMPUTER HARDWARE



Compact hardware for complex electronics.

COMPONENTS IN CONTEXT



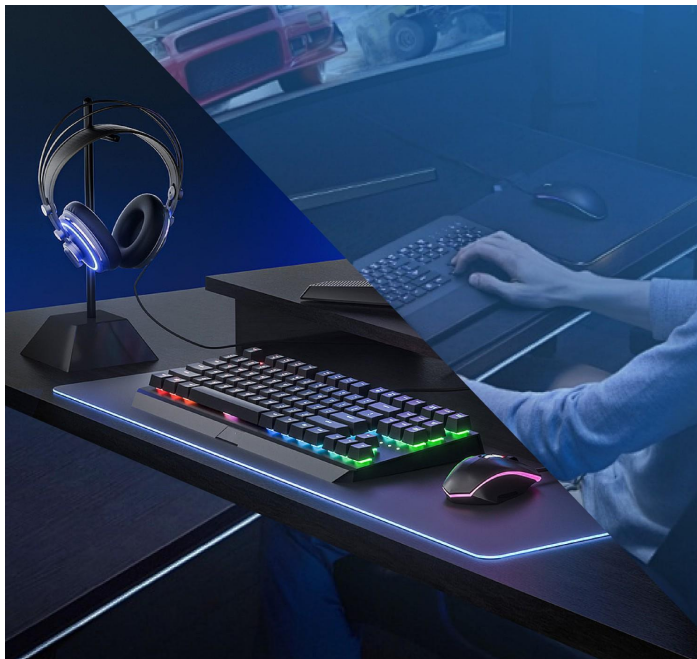
FASTENERS & PRECISION MACHINED PARTS

Computer assemblies use miniature fasteners and precision components to connect housings, circuit-board supports and cooling structures. Our range supports customer-specific requirements for mounting, alignment and service access.

- Enclosures and mounting points
- Board supports and spacers
- Cooling and structural components

APPLICATIONS

GAMING PERIPHERALS



Engineered details behind the user experience.

COMPONENTS IN CONTEXT



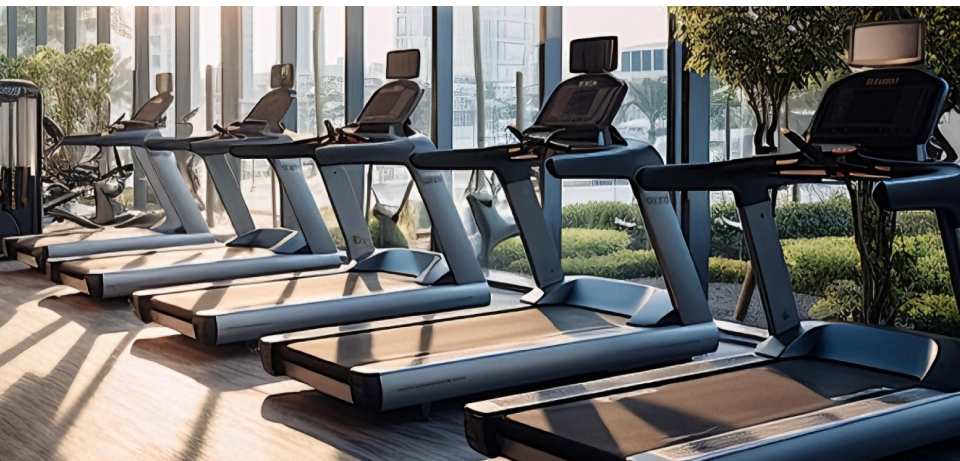
FASTENERS & PRECISION MACHINED PARTS

Gaming keyboards, mice and related peripherals use compact screws, shafts and structural hardware. CHARVISO offers drawing-led components for precise assembly, moving interfaces and customer-specific product designs.

- Keyboard and enclosure hardware
- Small shafts and adjustment parts
- Compact assembly components

APPLICATIONS

FITNESS & SPORTS EQUIPMENT



Connection hardware for active applications.



COMPONENTS IN CONTEXT



FASTENERS & PRECISION MACHINED PARTS

Sports and fitness equipment combines structural joints, adjustment features and moving assemblies. CHARVISO supplies fasteners and custom machined parts that can be specified for indoor equipment and outdoor sporting products.

- **Frame and accessory connections**
- **Adjustment and locating hardware**
- **Application-specific material selection**

APPLICATIONS

ENERGY STORAGE & SOLAR



Connecting energy equipment and infrastructure.

COMPONENTS IN CONTEXT



Energy storage and solar equipment require fastening for cabinets, mounting structures and associated hardware. CHARVISO offers screws, bolts and custom machined components for project-specific assembly needs.

- Cabinets and equipment housings
- Mounting and support hardware
- Corrosion requirements by project

APPLICATIONS

PHOTOGRAPHY EQUIPMENT



Precise adjustment. Secure positioning.

COMPONENTS IN CONTEXT



Cameras, tripods and photographic accessories depend on accurately fitted connections. Our range includes adjustment screws, locating pins and custom turned parts for mounting interfaces and equipment positioning.

- **Camera and accessory mounting**
- **Tripod and pan-tilt mechanisms**
- **Adjustment and locating components**

APPLICATIONS

STAGE & LIGHTING EQUIPMENT



Hardware behind lighting, sound and control.

COMPONENTS IN CONTEXT



Stage lighting and audio-control equipment brings together enclosures, support assemblies and adjustable fixtures. CHARVISO provides fastening and machined components for customer-defined installation and equipment requirements.

- **Control panels and enclosures**
- **Lighting and accessory mounting**
- **Custom connection hardware**

APPLICATIONS

TOOLS & MAINTENANCE KITS.



Hand tools and organised tool sets support installation, assembly and maintenance. The catalogue includes screwdrivers, hex keys, spanners, cutters and related assembly hardware.

ASSEMBLY / INSTALLATION / MAINTENANCE

CLIENTS & PROJECTS

BUSINESS PARTNERS.

**JBL**

harman / kardon

Canon**B&W**
Bowers & Wilkins**BYD****SAMSUNG****SONY****STEELMATE****XPENG****PHILIPS****THULE**

Astell&Kern



CHARVISO

PRECISION COMPONENTS

LET'S BUILD YOUR NEXT PART.

**ZHONGSHAN CHARVISO PRECISION HARDWARE CO., LTD.
ZHONGSHAN CHARVISO INDUSTRY AND TRADING CO., LTD.**

ZHONGSHAN

Building 9, No. 61 Yangwu, Longshi Village, Wuguishan Subdistrict, Zhongshan,
Guangdong, China

XIAOLAN

1st Floor, No. 21 North Gongye Avenue, Xiaolan Town, Zhongshan, Guangdong, China

FOSHAN

No. 38, Hall 9, Guangfo Hardware City, Huangqi, Dali Town, Nanhai District, Foshan,
Guangdong, China

GUANGZHOU / VIETNAM

Guangzhou, Guangdong, China / Bac Ninh, Vietnam

SINGAPORE

112 Robinson Road, #03-01, Singapore 068902

T +86 760 8633 1516 / F +86 760 8633 1561
info@charviso.com / changxiang@188.com
www.charviso.com / www.luosi114.cn