Industrial Fastener Catalogue

工业紧固件产品目录

以稳固之力
连接世界

FASTENING STRENGTH. CONNECTING THE WORLD.

Manufacturing / Standard Parts / Custom Parts / Export Delivery / 生产制造 / 标准件 / 非标定制 / 出口交付

FASTENERS

Henan Xiangzhen International Trading Co., Ltd
河南向振国际贸易有限公司

Professional fastener manufacturing and export support
Standard Parts / Custom Parts / Production Delivery
生产制造 / 非标定制 / 出口交付

2026 PRODUCT CATALOGUE

COMPANY BRIEF

Company Profile

公司概况

Henan Xiangzhen International Trading Co., Ltd is a China-based fastener manufacturer and export supplier serving industrial buyers worldwide. Since 2013, XZ has built its catalogue around bolts, nuts, washers, screws, threaded rods, anchors, rivets, pins, hardware kits and drawing-based custom fasteners. With production coordination, warehouse stock, quality inspection and export documentation managed in one workflow, the company supports building engineering, steel structure, machinery manufacturing, automotive assembly, new energy equipment, furniture hardware and petrochemical projects. More than standard-item supply, XZ helps customers confirm material, property class, thread, surface finish, packing labels, test records and shipment documents before production and delivery.

河南向振国际贸易有限公司是一家面向工业客户的紧固件生产制造与出口供应企业。公司自2013年开展业务，产品围绕螺栓、螺母、垫圈、螺丝、牙条、锚栓、铆钉、销轴、五金组合件及非标定制件展开，结合生产资源、仓储备货、质量检验和出口文件配套，为建筑工程、钢结构、机械制造、汽车装配、新能源设备、家具五金和石化项目提供稳定供应。我们不仅提供常规标准件，也可在生产前协助确认材质、性能等级、螺纹、表面处理、包装标签、检测记录和出货文件。

13+	50+	568+	6688+
years / 行业经验	countries / 服务国家	partners / 合作伙伴	products / 产品规格

Manufacturing supply
Factory resources for standard parts, assembly kits and non-standard fasteners.

Product coverage
Bolts, nuts, washers, rods, anchors, screws, rivets, pins and hardware kits.

Custom service
Matching by drawing, sample, material, grade, finish and packing requirement.

Document delivery
Inspection reports, material certificates, packing lists, labels and shipping records.

Inquiry | Drawing check | Production match | QC | Packing







MACHINERY / WAREHOUSE / QC

Machinery & Supply Capability

设备与供应能力

For manufacturing and stable delivery, production resources, warehouse management, inspection, packing traceability and export documents are integrated into one order workflow for standard items, assembly kits and custom drawings.

围绕生产制造与稳定交付，我们将生产资源、仓储管理、质量检验、包装追溯和出口文件纳入同一订单流程，支持标准件、组合件和非标图纸询价。

Production resources

Manufacturing resources are matched by item, grade, finish and order quantity.

Warehouse support

Common sizes and finishes consolidated for multi-category sourcing.

Inspection process

Dimensions, appearance, threads, finish and labels are checked against order requirements.

Export packing

Small boxes, cartons, woven bags, pallets, jumbo bags and customer labels.

Documents

Test reports, MTC, packing lists and commercial documents are prepared with order records.

Schedule tracking

Production, packing, inspection, loading and shipment milestones are followed through delivery.



Threading & forming resources / 生产设备



Warehouse management / 仓储管理



Inspection & sorting / 检验整理

BRAND ADVANTAGES / CERTIFICATE SUPPORT

Brand Advantages

质量控制与证书文件配套

For fastener manufacturing and export orders, product standards, material grades, surface finishes, packing labels, inspection files and shipment documents are coordinated in one controlled order system.

面向紧固件生产制造与出口交付，我们统一管理标准、材质、表面、包装、检测文件和出货资料，提升多品类采购效率。

01 Standard matching
DIN / ISO / ANSI / BS / AS / JIS / GB specifications are reviewed against drawings and destination-market requirements.

02 Quality documents
Inspection reports, MTC, shipment documents, labels and shipping marks are organized for each order file.

03 Batch traceability
Packing, quantity, finish and shipment milestones are recorded for order traceability.

04 Production & export packing
Small box, carton, woven bag, pallet, jumbo bag and customer label options are confirmed for production and delivery.

05 Stable delivery
Inquiry, confirmation, preparation, inspection and shipment are tracked through delivery.

CERTIFICATE SUPPORT

INSPECTION / MATERIAL / SYSTEM / CREDIT



PRODUCT STANDARD TEST REPORT



EN 10204 3.1 MATERIAL CERTIFICATE



API 20E CERTIFICATE



ISO 14001 ENVIRONMENTAL MANAGEMENT



ISO 45001 OCCUPATIONAL HEALTH & SAFETY



AAA CREDIT EVALUATION



GREEN LOW-CARBON AAA

TECHNICAL GUIDE

Fastener Structure & Selection Guide

紧固件结构与选型参考

Head Styles



Hex head / 六角头
DIN 931 / 933



Flange head / 法兰头
DIN 6921



Carriage head / 圆头方颈
DIN 603



CSK socket / 沉头内六角
DIN 7991

Drive Recess



Phillips / 十字槽
DIN 7981



Slotted / 一字槽
DIN 84



Hex socket / 内六角
DIN 912 / ISO 4762



Six-lobe / 梅花槽
ISO 14583 / ISO 10664

Threads & Points



Machine thread / 机牙
DIN 7985



Self-tapping / 自攻牙
DIN 7981



Self-drilling / 钻尾牙
DIN 7504-K



Cone-point set screw / 尖端紧定
DIN 914

Anchors & Custom



Wedge anchor / 楔形锚栓
Concrete



Drop-in anchor / 内迫壁虎
Internal thread



Cotter pin / 开口销
DIN 94



Anti-theft bolt / 防盗螺栓
Custom

SERIES / 品类	COMMON STANDARDS / 常用标准	SELECTION NOTES / 选型说明
Hex bolts / screws	DIN 931 / DIN 933	External wrenching for machinery, steel structure and general assemblies.
Socket screws	DIN 912 / ISO 4762 / DIN 7991	Used where compact tooling access or flush countersunk installation is required.
Tapping / drilling screws	DIN 7981 / DIN 7982 / DIN 7504	Selected by substrate; sharp point for sheet metal, drill point for roofing and light steel.
Nuts / washers	DIN 934 / DIN 985 / DIN 125 / DIN 9021	Matched by grade, material and locking requirement.
Anchors / rods / custom	DIN 975 / DIN 580 / drawing	Length, head style, finish, assembly kits and drawing-based parts can be customized.

PRODUCT RANGE

Product Categories

产品分类

SERIES 01 — Bolt Series / 螺栓系列



SERIES 02 — Socket & Set Screws / 内六角与紧定螺钉



SERIES 03 — Nuts & Inserts / 螺母与嵌件



SERIES 04 — Washers, Rings & Rigging / 垫圈挡圈索具



SERIES 05 — Screw Series / 螺丝系列



SERIES 06 — Rods, Anchors & Rivets / 牙条锚栓铆钉



SERIES 07 — Custom & Non-standard Parts / 非标定制件



More Bolts

- Heavy hex bolt
- Structural bolt
- Plow bolt
- Elevator bolt
- Track bolt
- Square head bolt

More Nuts

- Heavy hex nut
- Jam nut DIN 439
- All metal lock nut
- Wing nut DIN 315
- Square nut DIN 557
- Slotted nut

Washers & Rings

- Large washer DIN 9021
- Tooth lock washer
- Conical washer
- Spherical washer
- EPDM bonded washer
- Internal retaining ring

Anchors & Screws

- Sleeve anchor
- Through bolt
- Chemical anchor stud
- Hammer drive anchor
- Hollow wall anchor
- Frame anchor

Rivets & Pins

- Pop rivet
- Solid rivet
- Spring dowel pin
- Cotter pin
- Dowel pin
- Custom turned part

PRODUCT DISPLAY

01

CATEGORY REFERENCE / 品类参考

Bolt Series / 螺栓系列

Grouped for bolt sourcing, with material, strength grade, finish, packing and drawing requirements confirmed before production.

Material: carbon / alloy / stainless steel

Strength grade: 4.8 / 8.8 / 10.9 / 12.9 / A2 / A4

Standard: DIN / ISO / ANSI / GB

Finish: plain / zinc / black / HDG



Hex Bolt DIN 931
Partial thread
六角半牙螺栓 DIN 931



Hex Screw DIN 933
Full thread
六角全牙螺栓 DIN 933



SS 316 Hex Bolt DIN 933
A4 / SS316
不锈钢六角螺栓 DIN 933



High-strength Hex Bolt
Grade 8.8
高强度六角螺栓



Flange Bolt DIN 6921
Serrated option
法兰螺栓 DIN 6921



Carriage Bolt DIN 603
Square neck
马车螺栓 DIN 603



Eye Bolt DIN 580
Lifting
吊环螺栓 DIN 580



U Bolt DIN 3570
Pipe clamp
U型螺栓 DIN 3570



L Anchor Bolt
Cast-in anchor
L型预埋螺栓



J Anchor Bolt
Foundation fixing
J型预埋螺栓



T Bolt
Slot fixing
T型螺栓



Small Eye Bolt DIN 444
Joint connection
活节螺栓 DIN 444



Hex Coach Screw DIN 571
Timber fixing
六角木螺丝 DIN 571



Shield Anchor / Expansion Bolt
Expansion fixing
套管壁虎 / 膨胀螺栓



Anti-theft Bolt
Security fastening
防盗螺栓



Dome Head Bolt
Smooth head
圆头防盗螺栓

PRODUCT DISPLAY

02

CATEGORY REFERENCE / 品类参考

Socket & Set Screws / 内六角与紧定螺钉

Grouped for socket, set and machine screws, with property class, drive recess, finish and packing confirmed before production.

Material: alloy steel / stainless steel

Property class: 8.8 / 10.9 / 12.9 / A2 / A4

Drive: hex socket / Torx / slotted / Phillips

Finish: black / zinc / nickel / plain



Socket Cap Screw DIN 912
ISO 4762
内六角圆柱头螺钉 DIN 912



Countersunk Socket Screw DIN 7991
Flush head
沉头内六角螺钉 DIN 7991



Button Head Socket Screw
Low profile
半圆头内六角螺钉



Low Head Socket Screw
Compact assembly
薄头内六角螺钉



Set Screw DIN 913
Flat point
平端紧定螺钉 DIN 913



Set Screw DIN 914
Cone point
尖端紧定螺钉 DIN 914



Set Screw DIN 915
Dog point
柱端紧定螺钉 DIN 915



Set Screw DIN 916
Cup point
凹端紧定螺钉 DIN 916



Pan Machine Screw DIN 7985
Machine thread
盘头机螺钉 DIN 7985



CSK Machine Screw DIN 965
Countersunk
沉头机螺钉 DIN 965



Pan Self-tapping Screw DIN 7981
Sheet metal
盘头自攻螺丝 DIN 7981



CSK Self-tapping Screw DIN 7982
Flush install
沉头自攻螺丝 DIN 7982



Pan Self-drilling Screw DIN 7504-M
Phillips drive
盘头自钻螺丝 DIN 7504-M



Six-lobe Screw ISO 14583
Hexalobular drive
梅花槽螺钉 ISO 14583



Cheese Head Screw DIN 84
Slotted drive
圆柱头一字螺钉 DIN 84



Drywall Screw
Phosphate black
干壁钉

PRODUCT DISPLAY

03

CATEGORY REFERENCE / 品类参考

Nuts & Inserts / 螺母与嵌件

Grouped for nuts and inserts, with material, property class, thread, locking requirement and finish confirmed before production.

Material: carbon / stainless / alloy steel

Property class: 4 / 6 / 8 / 10 / 12 / A2 / A4

Standard: DIN 934 / 985 / 6923 / 6334

Finish: plain / zinc / black / Dacromet



Hex Nut DIN 934 / ISO 4032
Metric coarse / fine thread
六角螺母 DIN 934 / ISO 4032



Stainless Hex Nut DIN 934
SS 316 option
不锈钢六角螺母 DIN 934



Flange Nut DIN 6923
Integrated washer face
法兰螺母 DIN 6923



Nyloc Nut DIN 985
Anti-loosening
尼龙锁紧螺母 DIN 985



Nyloc Nut DIN 982
High pattern
高型尼龙锁紧螺母 DIN 982



Cap Nut DIN 1587
Dome
盖形螺母 DIN 1587



Coupling Nut DIN 6334
Rod connection
加长螺母 DIN 6334



Square Nut DIN 557
Square body
方螺母 DIN 557



Wing Nut DIN 315
Hand tightening
蝶形螺母 DIN 315



Cage Nut
Panel assembly
卡式螺母



Rivet Nut Insert
Blind insert
拉铆螺母



Weld Nut DIN 929
Weld fixing
焊接螺母 DIN 929



Square Weld Nut DIN 928
Weld assembly
方焊接螺母 DIN 928



Anti-theft Nut DIN 9150
Tamper resistant
防盗螺母 DIN 9150



Drop-in Anchor
Internal thread
内迫壁虎



White Zinc Drop-in Anchor
Internal thread
白锌内迫壁虎

PRODUCT DISPLAY

04

CATEGORY REFERENCE / 品类参考

Washers, Rings & Rigging / 垫圈挡圈索具

Grouped for washers, retaining rings and rigging items, with material, standard, size, finish and packing confirmed before production.

Material: carbon / stainless / spring steel / EPDM

Standard: DIN 125 / 127 / 9021 / 471 / 472 / 741

Size: M3-M100 / drawing-based

Finish: plain / zinc / black / HDG



Flat Washer DIN 125
Regular washer
平垫 DIN 125



Stainless Flat Washer DIN 125
SS 316 option
不锈钢平垫 DIN 125



Large OD Washer DIN 9021
Wide bearing surface
大垫圈 DIN 9021



Spring Washer DIN 127
Anti-loosening
弹垫 DIN 127



Star Washer DIN 6797
External teeth
外齿锁紧垫圈 DIN 6797



Tooth Washer DIN 6798
Locking washer
齿形锁紧垫圈 DIN 6798



Taper Washer DIN 434
Channel steel
斜垫圈 DIN 434



Tab Washer DIN 93 / DIN 463
Locking tab
止动垫圈 DIN 93 / DIN 463



External Circlip DIN 471
Shaft retaining
轴用挡圈 DIN 471



Internal Circlip DIN 472
Bore retaining
孔用挡圈 DIN 472



E Type Circlip DIN 6799
Shaft groove
E型卡簧 DIN 6799



Wire Rope Clip DIN 741
Rigging
钢丝绳夹 DIN 741



Eye Expansion Bolt
Hanging
吊环膨胀螺栓



Hook Expansion Bolt
Hanging
挂钩膨胀螺栓



U Bolt DIN 3570
Pipe clamp
U型螺栓 DIN 3570



Cotter Pin DIN 94
Locking pin
开口销 DIN 94

PRODUCT DISPLAY

05

CATEGORY REFERENCE / 品类参考

Screw Series / 螺丝系列

Grouped for screw sourcing, with material, standard, drive recess, thread type, finish and packing confirmed before production.

Material: carbon / stainless / alloy steel

Standard: DIN 7981 / 7982 / 7504 / 571

Drive: Phillips / slotted / Torx / hex

Finish: phosphate / zinc / yellow zinc / Dacromet



Hex Self-drilling Screw DIN 7504-K
Drill point
六角自钻螺丝 DIN 7504-K



Pan Self-drilling Screw DIN 7504-M
Phillips drive
盘头自钻螺丝 DIN 7504-M



CSK Self-drilling Screw DIN 7504-O
Flush head
沉头自钻螺丝 DIN 7504-O



Drywall Screw
Phosphate black
干壁钉



Wood Screw DIN 97
Wood construction
木螺丝 DIN 97



Hex Coach Screw DIN 571
Timber fixing
六角木螺丝 DIN 571



Pan Self-tapping Screw DIN 7981
Sheet metal
盘头自攻螺丝 DIN 7981



CSK Self-tapping Screw DIN 7982
Flush install
沉头自攻螺丝 DIN 7982



Pan Machine Screw DIN 7985
Machine thread
盘头机螺钉 DIN 7985



CSK Machine Screw DIN 965
Countersunk
沉头机螺钉 DIN 965



Six-lobe Screw ISO 14583
Hexalobular drive
梅花槽螺钉 ISO 14583



Cheese Head Screw DIN 84
Slotted drive
圆柱头一字螺钉 DIN 84



Socket Cap Screw DIN 912
ISO 4762
内六角圆柱头螺钉 DIN 912



Countersunk Socket Screw DIN 7991
Flush head
沉头内六角螺钉 DIN 7991



Set Screw DIN 913
Flat point
平端紧定螺钉 DIN 913



Set Screw DIN 914
Cone point
尖端紧定螺钉 DIN 914

PRODUCT DISPLAY

06

CATEGORY REFERENCE / 品类参考

Rods, Anchors & Rivets / 牙条锚栓铆钉

Grouped for rods, anchors and rivets, with material, grade, length, fixing method and finish confirmed before production.

Material: carbon / alloy / stainless steel

Grade: 4.8 / 8.8 / A2 / A4 / drawing-based

Standard: DIN 975 / 3570 / anchor series

Finish: zinc / HDG / Dacromet



Threaded Rod DIN 975
1m / 2m / 3m
牙条 DIN 975



Stud Bolt DIN 939
Half threaded
双头螺柱 DIN 939



Wedge Anchor
Concrete fixing
楔形膨胀螺栓



White Zinc Wedge Anchor
Concrete fixing
白锌楔形膨胀螺栓



Drop-in Anchor
Internal thread
内迫壁虎



White Zinc Drop-in Anchor
Internal thread
白锌内迫壁虎



Shield Anchor / Expansion Bolt
Expansion fixing
套管壁虎 / 膨胀螺栓



Eye Expansion Bolt
Hanging
吊环膨胀螺栓



Hook Expansion Bolt
Hanging
挂钩膨胀螺栓



Sleeve Anchor
Concrete fixing
套管膨胀锚栓



Pin Type Anchor
Hammer fixing
销钉式锚栓



TAM Anchor
Heavy duty
TAM锚栓



Blind Rivet DIN 7337
Blind riveting
抽芯铆钉 DIN 7337



Solid Rivet
Permanent joint
实心铆钉



Spring Dowel Pin
Locating pin
弹性圆柱销



U Bolt DIN 3570
Pipe clamp
U型螺栓 DIN 3570

PRODUCT DISPLAY

07

CATEGORY REFERENCE / 品类参考

Custom & Non-standard Parts / 非标定制件

Grouped for custom and non-standard parts, with material, process, tolerance, heat treatment, finish and packing confirmed by drawing.

Material: confirmed by drawing or sample

Grade: confirmed by load / heat treatment / use

Process: cold heading / turning / stamping / welding

Finish: customized by order



Anti-theft Bolt
Security fastening
防盗螺栓



Anti-theft Nut DIN 9150
Tamper resistant
防盗螺母 DIN 9150



Dome Head Bolt
Smooth head
圆头防盗螺栓



Square Weld Nut DIN 928
Weld assembly
方焊接螺母 DIN 928



Spring Dowel Pin
Locating pin
弹性圆柱销



Solid Dowel Pin
Precision locating
实心圆柱销



Cotter Pin DIN 94
Locking pin
开口销 DIN 94



Rivet Nut Insert
Blind insert
拉铆螺母



Hex Weld Nut DIN 929
Weld fixing
六角焊接螺母 DIN 929



T Bolt
Slot fixing
T型螺栓



U Bolt DIN 3570
Pipe clamp
U型螺栓 DIN 3570



L Anchor Bolt
Foundation fixing
L型预埋螺栓



J Anchor Bolt
Foundation fixing
J型预埋螺栓



Wire Rope Clip DIN 741
Rigging
钢丝绳夹 DIN 741



Solid Rivet
Permanent joint
实心铆钉



Small Eye Bolt DIN 444
Joint connection
活节螺栓 DIN 444

AVAILABLE RANGE

More Available Products

更多可供产品



Hex bolt

六角螺栓



Flange bolt

法兰螺栓



Carriage bolt

马车螺栓



Socket screw

内六角螺钉



Set screw

紧定螺钉



Hex nut

六角螺母



Rivet nut

拉铆螺母



Spring washer

弹垫



Circlip

轴用挡圈



Self-drilling screw

自钻螺丝



Drywall screw

干壁钉



Threaded rod

牙条



Wedge anchor

楔形锚栓



Hook anchor

挂钩膨胀



Spring pin

弹性圆柱销



Anti-theft bolt

防盗螺栓

More Bolts

- Heavy hex bolt
- Structural bolt
- Plow bolt
- Elevator bolt
- Track bolt
- Square head bolt
- Combination bolt
- Custom bolt

More Nuts

- Heavy hex nut
- Jam nut DIN 439
- All metal lock nut
- Wing nut DIN 315
- Square nut DIN 557
- Slotted nut
- Coupling nut DIN 6334
- Cage nut

Washers & Rings

- Large washer DIN 9021
- Tooth lock washer
- Conical washer
- Spherical washer
- EPDM bonded washer
- Internal retaining ring
- E-clip
- Stamping washer

Anchors & Screws

- Sleeve anchor
- Through bolt
- Chemical anchor stud
- Hammer drive anchor
- Hollow wall anchor
- Frame anchor
- Chipboard screw
- Roofing screw

Rivets & Pins

- Pop rivet
- Solid rivet
- Spring dowel pin
- Cotter pin
- Dowel pin
- Custom turned part
- Stamping part
- Assembly kit

Custom scope / 定制范围

- Drawing or sample parts
- Custom length and head style
- Special surface treatment
- Assembly packing and labels
- Multi-category shipment

SPECIFICATION REFERENCE

Materials & Standards

材质、等级与常用标准

Fastener grade

Grade selection considers application load, heat treatment and surface finish.

Thread control

Coarse, fine, UNC, UNF or drawing-based threads checked against the specification.

Drawing review

Custom parts require tolerance, chamfer, hole position and finish confirmation.

Order documentation

MTC, inspection reports, packing lists and shipment photos are organized with order records.



ITEM	COMMON OPTIONS	APPLICATION NOTES
Carbon steel	Q235 / 35K / 45# / 40Cr	Used for common bolts, nuts, rods, anchors and tapping or drilling screws.
Stainless steel	A2 / A4 / SS304 / SS316	For corrosion resistance, outdoor installation, equipment and clean applications.
Alloy steel	SCM435 / 40Cr / 42CrMo	For high-strength socket screws, structural joints and high-load assemblies.
Brass / Aluminum	H62 / 6061 / 7075	For lightweight, conductive, decorative or special custom parts.
Standards	DIN / ISO / ANSI / BS / AS / JIS / GB	Matched by destination market, drawing and order specification.

FINISH OPTIONS

Surface Finishes

常用表面处理与应用场景



Plain / 本色

For further processing, oil protection, short storage or customer-specified finish.



Black / 发黑

Common for hex bolts, socket parts and machine fasteners with a stable dark appearance.



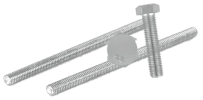
Zinc-plated / 镀锌

General anti-rust finish for standard export parts and equipment assembly.



Yellow zinc / 彩锌

Common for drilling screws, tapping screws, anchors and hardware kits.



Hot-dip galvanized / 热镀锌

For outdoor, steel structure, solar mounting and stronger corrosion resistance.



Dacromet / 达克罗

For higher corrosion resistance; testing and coating criteria follow the confirmed specification.

CONTROL	CHECKING POINT	NOTES
Appearance	Color / gloss / surface defect	外观颜色、光泽、明显磕碰、毛刺和锈蚀情况按订单确认。
Thickness	Zinc / HDG / coating layer	需要盐雾或膜厚要求时，需在订单前明确标准和测试方式。
Packing	Oil paper / bag / carton / pallet	不同表面处理对应不同防潮、防磕碰和标签要求。

DRAWING / SAMPLE / OEM

Custom Parts Process

非标件、组合件与来图来样加工

Custom parts are confirmed around application, critical dimensions, tolerance, finish, packing and inspection documents. Inquiry details are organized by drawing, sample or product image.



01 Inquiry review

Receive drawing, sample, photo or specification list and confirm use, quantity and market.

02 Specification check

Confirm material, grade, tolerance, thread, finish and packing requirement.

03 Sample / quotation

Evaluate tooling, sample, lead time, unit price and MOQ by part complexity.

04 Production control

Control key dimensions, holes, head style, thread and finish consistency.

05 Inspection file

Dimension records, inspection reports, MTC and packing photos are archived with order records.

06 Delivery follow-up

Packing, labels, loading, shipment documents and logistics milestones are followed.

APPLICATION GUIDE

Applications & Sourcing

按应用场景快速匹配紧固件品类

Steel structure / 钢结构

Hex bolts, high-strength bolts, square washers, HDG rods and structural joints.

Roofing & wall / 屋面墙面

Self-drilling screws, EPDM washers, roofing screws, yellow zinc or Dacromet finish.

Machinery / 机械设备

Socket screws, machine screws, washers, pins, set screws and turned custom parts.

Furniture & light assembly / 家具轻工

Wood screws, rivet nuts, coupling nuts, tapping screws and assembly kits.

Concrete fixing / 混凝土锚固

Wedge anchors, sleeve anchors, drop-in anchors, hook anchors and chemical studs.

Automotive & petrochemical / 汽车石化

Flange bolts, lock nuts, threaded rods, U bolts, flat washers and corrosion-resistant finishes.

INDUSTRY SOLUTIONS

Industry Solutions

按行业场景匹配紧固件组合、材质、表面处理、包装和文件

Referenced by application environment, assembly method and delivery requirement, each solution can be matched by drawing, standard, finish, packing and inspection documents.



SOLUTION 01

Automotive & New Energy Vehicles

汽车与新能源汽车

For vehicle assembly, maintenance kits and new-energy equipment, fasteners are matched around vibration resistance, locking performance, corrosion control and batch traceability.

面向汽车装配、维修包和新能源设备，围绕抗振、防松、防腐和批次追溯匹配紧固件组合。

Vibration areas
Flange bolts, nyloc nuts and spring washers selected for repeated vibration assemblies.

Batch control
Part numbers, carton labels and inspection records can be arranged for repeat orders.

Finish match
Zinc, black, nickel or Dacromet finish selected by assembly position and exposure.



SOLUTION 02

Aerospace & Rail Transit

航空航天与轨道交通

For cabin fixtures, equipment covers, tooling and rail interiors, the focus is on stable dimensions, clean appearance, controlled materials and reliable assembly fit.

面向舱内结构件、设备罩壳、工装夹具和轨交内装，重点控制尺寸稳定、外观一致、材质清晰和装配配合。

Precision fit
Socket screws, small-head screws, washers and locating pins matched by drawing.

Appearance
Stainless, zinc or black finish selected for visible and semi-visible assemblies.

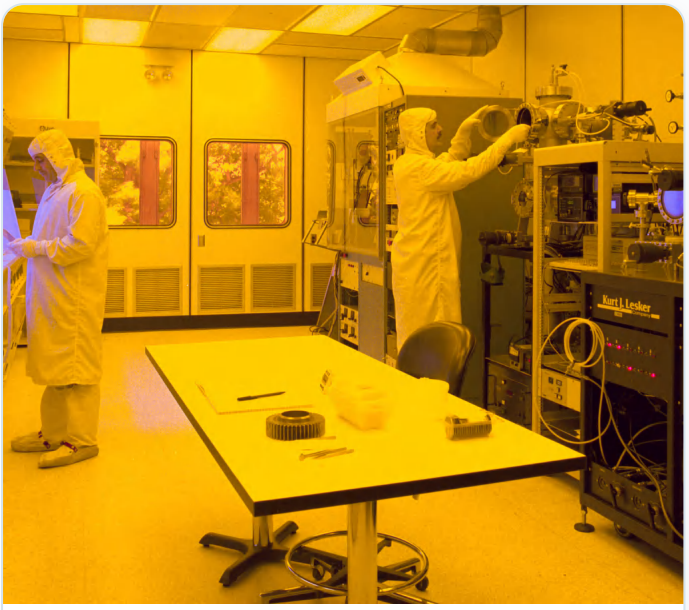
Documents
Material, inspection and packing records prepared according to order requirements.

INDUSTRY SOLUTIONS

Industry Solutions Continued

按行业场景匹配紧固件组合、材质、表面处理、包装和文件

Referenced by application environment, assembly method and delivery requirement, each solution can be matched by drawing, standard, finish, packing and inspection documents.



SOLUTION 03

Medical & Precision Equipment

医疗与精密设备

For clean equipment, carts, enclosures and precision assemblies, stainless parts and smooth finishes help support hygiene, maintenance and assembly reliability.

面向洁净设备、推车、机箱和精密装配，不锈钢件与光洁表面有助于卫生维护、保养和稳定装配。

Clean assembly
Stainless bolts, nuts, machine screws and washers selected for clean environments.

Surface control
Plain stainless, passivation or polishing requirements confirmed by order.

Packing
Clean bags, labels and carton separation can be arranged for sensitive components.



SOLUTION 04

Electronics & Electrical Enclosures

电子电器与机箱柜

For control boxes, electrical cabinets, consumer electronics and small equipment, compact fasteners are matched for thin sheet, inserts and repeated service access.

面向控制箱、电气柜、电子产品和小型设备，按薄板连接、嵌件安装和重复维护需求匹配小型紧固件。

Thin sheet
Machine screws, rivet nuts and cage nuts used for panel and cabinet assembly.

Service access
Socket and pan-head screws selected for repeated opening and maintenance.

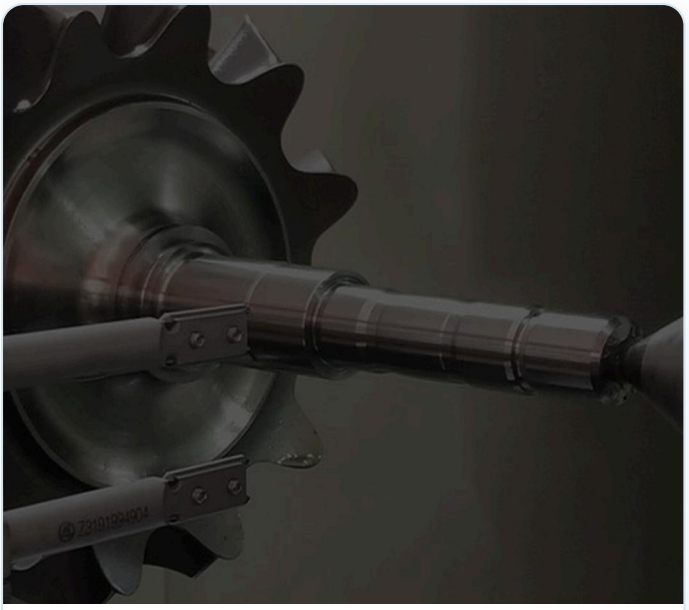
Small packing
Parts can be packed by set, bag, label and customer item number.

INDUSTRY SOLUTIONS

Industry Solutions Continued

按行业场景匹配紧固件组合、材质、表面处理、包装和文件

Referenced by application environment, assembly method and delivery requirement, each solution can be matched by drawing, standard, finish, packing and inspection documents.



SOLUTION 05

Machinery & Automation Equipment

机械设备与自动化

For machinery, fixtures, conveyors and automation equipment, fasteners are selected by assembly force, thread fit, locating accuracy and maintenance cycle.

面向机械设备、工装夹具、输送线和自动化设备，按装配受力、螺纹配合、定位精度和维护周期选型。

Assembly fit
Socket screws, set screws, threaded rods and locating pins matched by equipment drawing.

Dimensional check
Critical thread, length and head dimensions can be checked by order requirement.

Maintenance
Repeat items can be packed by SKU, carton label and equipment position.



SOLUTION 06

Construction, Roofing & Solar

建筑屋面与光伏工程

For roofing sheets, facade accessories, solar mounting and outdoor steel frames, the solution focuses on installation speed, sealing, corrosion resistance and project packing.

面向屋面板、幕墙配件、光伏支架和户外钢结构，重点匹配安装效率、密封、防腐和项目包装。

Weather sealing
Self-drilling screws and washers matched by panel thickness and installation site.

Outdoor corrosion
Hot-dip galvanized, zinc-flake or stainless options selected by exposure.

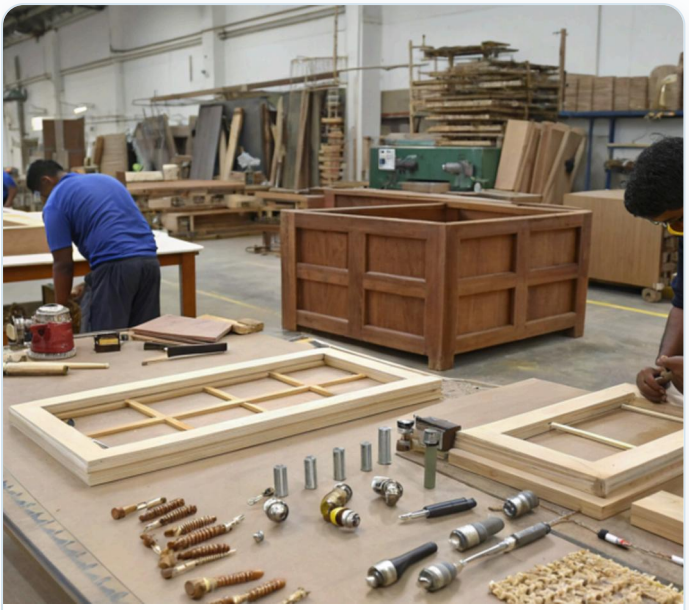
Project kits
Bolts, rods, washers and U bolts packed by mounting position or drawing.

INDUSTRY SOLUTIONS

Industry Solutions Continued

按行业场景匹配紧固件组合、材质、表面处理、包装和文件

Referenced by application environment, assembly method and delivery requirement, each solution can be matched by drawing, standard, finish, packing and inspection documents.



SOLUTION 07

Furniture, Retail & Light Assembly

家具零售与轻工装配

For furniture, cabinets, retail hardware kits and light assembly, small parts are organized by function, finish, packing unit and installation sequence.

面向家具、柜体、零售五金包和轻工装配，按功能、表面、包装单位和安装顺序组织配套小件。

Small-part matching
Wood screws, rivet nuts, coupling nuts, inserts and washers sourced together.

Kitting
Parts can be packed by set, bag, box, label or installation sequence.

Appearance
Nickel, zinc, black or stainless finish selected for visible assemblies.



SOLUTION 08

Petrochemical, Marine & Outdoor Facilities

石化海工与户外设施

For pipe brackets, outdoor equipment, marine-adjacent facilities and corrosion-sensitive sites, material, coating, thread length and documents are confirmed before supply.

面向管道支架、户外设备、近海设施和防腐场景，供货前确认材质、涂层、螺纹长度和配套文件。

Pipe fixing
U bolts, threaded rods, hex bolts and washers matched by pipe diameter and bracket design.

Corrosion control
Hot-dip galvanized, stainless or zinc-flake finish selected by site environment.

Documents
Material certificate, inspection report, packing list and shipment records prepared by order.

WAREHOUSE / LOADING / EXPORT

Packing, Loading & Export Delivery

包装、装柜与出口交付

Packing options include bags, cartons, wooden pallets, jumbo bags and customer-specific solutions. Marks, labels, container loading, customs documents and shipment schedules are confirmed before delivery.

支持袋装、纸箱、木托、吨袋和客户指定包装；唛头、标签、装柜加固、清关文件和出货节奏在交付前统一确认。

Packing options

Small boxes, cartons, woven bags, pallets, jumbo bags, neutral packing and customer labels.

Order consolidation

Bolts, nuts, washers, anchors and screws consolidated in one shipment plan.

Export documents

Commercial invoice, packing list, inspection documents, material files and shipping marks.

Shipment tracking

Production, packing, inspection, loading and shipment milestones are followed through delivery.



Packing preparation / 包装准备


SKU storage / 货架管理


Ready to ship / 待出货产品

01 **Packing confirmation** 包装确认

02 **Labels & shipping marks** 标签唛头

03 **Loading records** 装柜资料

04 **Export documents** 出口文件



MANUFACTURING / COOPERATION / EXPORT SUPPORT

以稳固之力
连接世界

Fastening Strength. Connecting the World.

Send drawings, specifications, product images or samples for production matching, material, grade, finish, packing method and shipment planning.

欢迎发送图纸、规格、产品图片或样品需求，用于确认生产匹配、材质、等级、表面处理、包装方式和出货安排。

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Manufacturing / Standard Parts / Custom Parts / Export Delivery
生产制造 / 标准件 / 非标定制 / 出口交付

FASTENERS

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