IGAWARA

IGAWARA CORPORATION PTE LTD

井河原私人有限公司

INDUSTRIAL FASTENERS



QUALITY POLICY

We deliver bias-free customer satisfaction through the effective implementation of **ISO 9001** and **AS9120** Compliant quality systems

We shall:

Never compromise and put profit above the quality management system.

Conduct stringent check on the reliability of customers and vendors.

Only engage in businesses where long term relations with customers and vendors are sustainable for the mutual benefit of all parties.

Adhere to customer requirements and specifications to achieve total customer satisfaction.

Service with a Difference

- Delivering service that consistently exceeds expectations
- Providing comprehensive, end-to-end integrated solutions
- Ensuring reliable performance for critical operations
- Driven by expert engineering and strict quality control
- Sourced from internationally compliant manufacturers
- One trusted partner from concept to completion
- Proven track record across international projects
- Extensive experience in global trade and logistics
- Delivering value through cost efficiency and reliability
- Rapid response with solutions tailored to your needs



THE GLOBAL INDUSTRIAL FASTENER MARKET

The Right Connection. The Right Material. The Right Supply.

Industrial fasteners may be small components, but their performance has a major impact on the safety, reliability and operational continuity of industrial systems.

From oil refineries and LNG terminals to power generation, chemical processing, marine engineering and infrastructure, every bolted connection must meet the demands of its operating environment.

As global industries place greater emphasis on supply chain diversification, procurement flexibility and verifiable product quality, access to dependable manufacturing resources has become increasingly important.

China has developed an extensive industrial manufacturing and supply base, offering international buyers a broad range of standard and specialized fastener products.

Igawara connects this manufacturing base with global industrial requirements through coordinated sourcing, technical specification review and quality documentation support.

The Changing Priorities of Industrial Procurement

- Supply Chain Diversification
  Access to alternative manufacturing resources and sourcing channels.
- Technical Compliance
  Products selected according to international standards and customer specifications.
- Material Performance
  A wider range of carbon steel, alloy steel, stainless steel and special alloy options.
- Quality Transparency
  Material certificates, inspection records and product identification.
- Supply Flexibility
  Sourcing standard products, custom requirements and varied order volumes.









CHINA'S MANUFACTURING STRENGTH

China Manufacturing. Global Industrial Possibilities.

China is an important manufacturing and sourcing base for industrial fasteners, offering a broad network of manufacturers, material resources and specialized production capabilities.

Its manufacturing ecosystem supports a wide range of fastening requirements, from standard carbon steel bolts and nuts to high-strength alloy steel, stainless steel, duplex and nickel-based alloy products.

For international buyers, this provides access to diversified product choices, customized production resources and flexible procurement arrangements.

Manufacturing Resources We Connect

01. Comprehensive Product Manufacturing

Hex bolts, heavy hex bolts, stud bolts, threaded rods, nuts, washers, anchor bolts, U-bolts and special fasteners.

02. Material Diversity

Carbon steel, alloy steel, stainless steel, duplex, super duplex and selected nickel-based alloys.

03. Dimensional & Production Flexibility

Metric and imperial dimensions, different diameters and lengths, special threading and customized configurations.

04. Surface Treatment Options

Electro-galvanizing, hot-dip galvanizing, zinc-nickel, zinc flake, PTFE, black oxide and other specified coating systems.

05. Technical & Quality Support

Coordination of product specifications, material documentation, inspection requirements and third-party inspection where required.

06. Flexible Sourcing Arrangements

Multiple supplier resources to support different technical requirements, order quantities and procurement budgets.

China's manufacturing resources.

Internationally specified products.

One coordinated sourcing partner.

Igawara works with qualified suppliers and manufacturers across China and international markets to connect customers with suitable production resources.



WHY IGAWARA

More Than a Fastener Supplier. Your Global Sourcing Partner.

Selecting industrial fasteners requires more than comparing prices and dimensions. Material grades, mechanical properties, international standards, surface treatments and documentation all contribute to the reliability of a fastening connection.

Igawara brings together manufacturing resources, product knowledge and international sourcing coordination to support industrial procurement requirements.

Five Reasons to Work with Igawara

01. China-Based Manufacturing Resources
    Access to qualified Chinese suppliers and manufacturing resources for standard, high-strength and specialized industrial fasteners.
02. Comprehensive Product & Material Range
    From standard bolts and nuts to large-diameter stud bolts, duplex stainless steel and nickel-based alloy fasteners.
03. International Standards Knowledge
    Product sourcing according to commonly specified ISO, DIN, ASTM, ASME, JIS, BS and GB standards.
04. Quality & Documentation Coordination
    Coordination of material certificates, dimensional inspection, mechanical testing and third-party inspection according to agreed requirements.
05. Global Supply Chain Management
    Technical coordination, supplier communication, order follow-up and delivery arrangements through an established international sourcing network.

Our Value Proposition

- Diversified manufacturing and sourcing resources.
- Competitive sourcing options.
- Standard and customized product solutions.
- Technical specification coordination.
- Quality documentation and traceability support.
- Responsive international customer service.
- Long-term supply partnership.

IGAWARA — Connecting Global Industries Through Reliable Supply Chain Solutions.



COMPLETE PRODUCT PORTFOLIO

One Sourcing Window. Comprehensive Fastening Solutions.

Igawara offers a comprehensive range of industrial fasteners sourced from qualified manufacturers in China and international markets.

Our portfolio covers bolts, nuts, rods, washers, structural and specialized fasteners, supported by flexible sourcing, customized solutions and reliable supply chain coordination.

BOLTS & SCREWS

- Hexagon Head Bolts
- Heavy Hex Bolts
- Hex Socket Head Cap Screws
- Flange Bolts
- Carriage Bolts
- Anchor Bolts
- U-Bolts
- Foundation Bolts
- Machine Screws

STUD BOLTS & THREADED PRODUCTS

- Stud Bolts
- Full Threaded Studs
- Double-End Studs
- Reduced Double-End Studs
- Tap-End Studs
- Threaded Rods
- Tie Rods
- Special Threaded Components

WASHERS

- Flat Washers
- Spring Washers
- Lock Washers
- Hardened Washers
- Structural Washers
- Special Washers

NUTS

- Hexagon Nuts
- Heavy Hex Nuts
- Thin Hex Nuts
- Flange Nuts
- Lock Nuts
- Coupling Nuts
- Jam Nuts
- Cap Nuts
- Special Nuts

SPECIAL & CUSTOMIZED FASTENERS

- Non-Standard Bolts
- Customized Nuts
- Special Alloy Fasteners
- Precision Fasteners
- Application-Specific Components
- Made-to-Order Fasteners

STRUCTURAL FASTENERS

- Tension Control Bolt Sets
- Shear Studs

INDUSTRIAL LOCK RIVET SYSTEMS

- Lock Rivets
- Hydraulic Power Units
- Hydraulic Installation Guns
- Nose Assemblies and Accessories

Product Range at a Glance

Specification	Available Range
Diameter	M12–M105 / 1/2"–4" for selected products; smaller sizes and other sizes on request
Length	Standard and customized, according to product
Dimensions	Metric and Imperial
Materials	Carbon Steel, Alloy Steel, Stainless Steel, Duplex, Super Duplex and Nickel-Based Alloys
Surface Treatments	PTFE, Electro-Galvanized, Hot-Dip Galvanized, Zinc Flake, Zn-Ni, Black Oxide, among

Product availability and specifications are subject to technical and sourcing confirmation.

STUD BOLTS & THREADED PRODUCTS

Engineered for Pressure. Specified for Industrial Reliability.

Stud bolts and threaded products are essential components in flanged connections, pressure equipment, pipelines, heat exchangers and industrial machinery.

For applications involving high pressure, temperature variations and demanding operating environments, selecting the correct material grade and mechanical properties is critical.

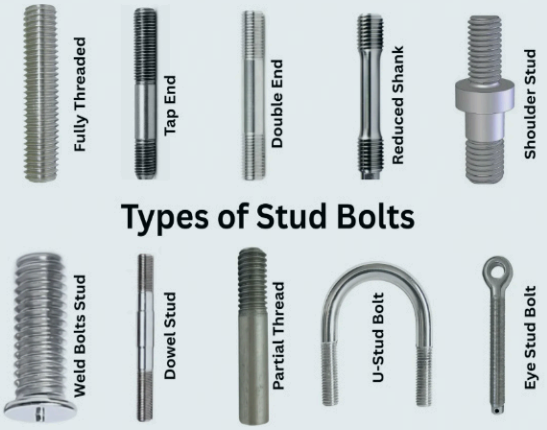
Igawara connects customers with manufacturing resources for standard and specialized stud bolts, supporting different dimensions, materials and international specifications.

Available Types

- Full Thread
- Tap End
- Double End
- Reduced Double End

Available Specifications

Item	Specification
Standards	ASME B18.31.2 / DIN 975 / DIN 976
Diameter	M12–M105 / 1/2"–4" / Customized
Length	Customized

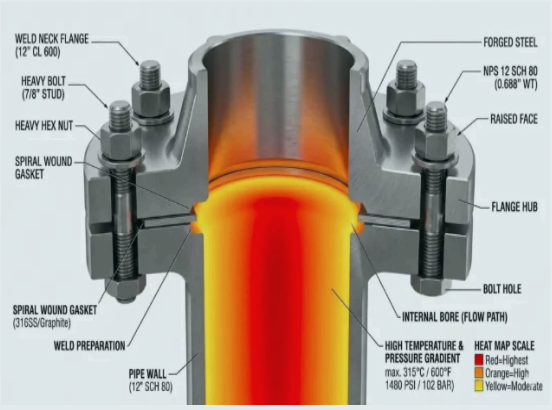


Carbon & Alloy Steel

- ASTM A193 GR B7 / B7M / B16
- ASTM A320 GR L7 / L7M / L43
- SAE J429 GR 5 / GR 8
- Class 8.8 / 10.9

Stainless Steel & Special Alloys

- ASTM A193 / A320 Bolting Grades:
  B8 / B8A / B8M / B8MA / B8C / B8T
- AISI Stainless Steel:
  304 / 316 / 310
- Special Alloys:
  A286 (660) / Inconel 625 / Inconel 718
- Duplex / Super Duplex:
  2205 / 2507



Typical Applications

- Oil & Gas Pipelines
- Pressure Vessels
- Heat Exchangers
- Pumps & Valves
- Petrochemical Plants
- Power Generation
- LNG Facilities
- Chemical Processing

From standard to specialized alloy fasteners, sourced to your requirements.

HEX BOLTS & HIGH-STRENGTH BOLTS

Strength You Can Specify. Performance You Can Verify.

Bolts are fundamental to industrial structures, mechanical assemblies, pressure equipment and heavy-duty engineering installations.

Igawara supports sourcing a broad range of hex bolts and socket head bolts in different sizes, thread configurations, material grades and surface treatments.

HEXAGON HEAD BOLTS

Available Types

- Full Thread
- Half Thread

Applicable Standards

- ASME B18.2.1
- ISO 4014 / ISO 4017
- ASME B18.2.6
- DIN 6914
- JIS B1186

Dimensions

- Diameter: M12–M64 / 1/2”–3”
- Length: Customized

Carbon & Alloy Steel Grades

- ASTM A193 GR B7 / B7M / B16
- ASTM A320 GR L7 / L7M / L43
- ASTM F3125 Grade A325 / A490 (Type 1)
- ASTM A307 GR A
- SAE J429 GR 5 / GR 8
- Class 8.8 / 10.9

Standard or customized.

Metric or Imperial.

Carbon steel or special alloys.

HEX SOCKET HEAD CAP SCREWS

Available Types

- Full Thread
- Half Thread

Applicable Standards

- ASME B18.3
- DIN 912 / ISO 4762

Dimensions

- Diameter: M12–M64 / 1/2"–4" standard; smaller and larger sizes customized
- Length: Customized

Carbon & Alloy Steel Grades

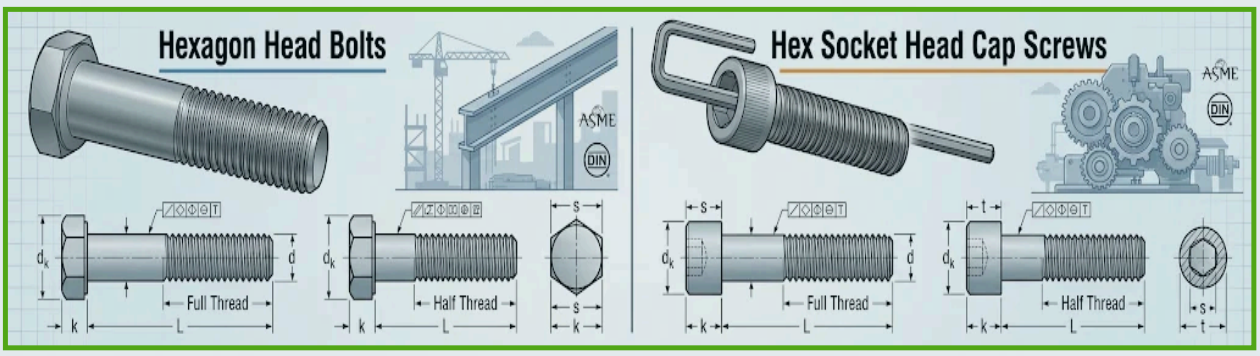
- ISO 898-1 Class 8.8 / 10.9 / 12.9
- ASTM A574

Stainless Steel & Special Alloy Grades

- ISO 3506 A2-70 / A4-70 / A4-80; ASTM F837
- AISI Stainless Steel: 304 / 316 / 310
- Special Alloys: A286 (660) / Inconel 625 / Inconel 718

Typical Applications

- Industrial Machinery
- Equipment Bases
- Automation Equipment
- Tooling & Dies



NUTS & WASHERS

Complete the Connection. Match Every Component.

A reliable bolted connection depends on more than the bolt itself. Nut compatibility, washer dimensions, material properties, thread tolerances and surface treatment must work together.

Igawara supports sourcing complete fastening combinations to meet customer drawings and applicable standards.

NUTS

Available Types

- Heavy Hex Nuts
- Hex Nuts
- Thin Hex Nuts
- Nylon Insert Lock Nuts
- Flange Nuts

Applicable Standards

- Heavy Hex: ASME B18.2.2
- Hex: ISO 4032 / ISO 4033 / DIN 934
- Thin Hex: DIN 439 / ISO 4035
- Nylon Insert Lock: DIN 985 / DIN 982
- Flange: DIN 6923
- Structural: ASTM A563 / ASTM F3125
- Diameter: M12–M105 / 1/2"–4" / Customized

Material Grades

- ASTM A194 2H / 2HM / 7 / 7M / 7L
- ASTM A194 8 / 8A / 8M / 8MA / 8C / 8T
- SS304 / SS316 / SS310
- Inconel 625 / 718 / A286 (660)
- Hastelloy C-276
- Duplex 2205 / S31803 (S32205)
- Super Duplex 2507 / S32750
- Super Duplex Zeron 100 / S32760

A complete fastening solution begins with compatible components.

WASHERS

Available Types

- Flat Washers
- Spring Washers

Applicable Standards

- DIN 125
- DIN 127
- ASTM F436

Dimensions

- Diameter: M12–M105 / 1/2"–4" / Customized

Material Grades

- Carbon Steel: ASTM F436 / F436M
- SS304 / SS316 / SS310 / SS660
- Inconel 625 / 718
- Hastelloy C-276
- Duplex 2205 / S31803 (S32205)
- Super Duplex 2507 / S32750
- Super Duplex Zeron 100 / S32760

Our Component-Matching Approach

- Bolt and nut compatibility.
- Material and mechanical property matching.
- Thread dimensions and tolerances.
- Hardness and strength requirements.
- Surface finish compatibility.
- Dimensional accuracy and consistency.



SPECIAL & CUSTOMIZED FASTENERS

Beyond Standard Dimensions. Built Around Your Requirements.

Industrial equipment, piping systems, structural assemblies and specialized machinery often require fastening components that are not available as standard catalogue products.

Igawara connects customers with manufacturing resources capable of supporting customized fastener requirements based on technical drawings, samples and project specifications.

U-BOLTS

Available Types

- U Type
- U Square Type

Material Grades

- SAE J429 GR 2 / GR 5 / GR 8
- Class 4.8 / 8.8 / 10.9
- SS304 / SS316

Specification

- Customized.

ANCHOR BOLTS

Available Types

- J Shape
- 7 Shape

Material Grades

- SAE J429 GR 2 / GR 5 / GR 8
- Class 4.8 / 8.8 / 10.9
- SS304 / SS316
- ASTM F1554 Gr.36 / 55 / 105

Specification

- Customized.

Sourcing Process

- Requirement Review
- Technical Clarification
- Supplier Selection
- Sample & Specification Confirmation
- Quality & Documentation Coordination
- Order & Delivery Follow-Up

SPECIAL FASTENERS

Our customized sourcing capabilities include:

Special Dimensions

Non-standard diameters, lengths, thread configurations and dimensional requirements.

Special Materials

Selected stainless steels, alloy steels, duplex materials and nickel-based alloys.

Special Head Designs

Customized head shapes, flange configurations and special fastening arrangements.

Special Threading

Different pitches, thread lengths and customized thread forms.

Special Surface Treatments

Coatings and finishes selected according to project specifications.

Application-Specific Components

Bolts, nuts, studs and washers designed for particular equipment and assembly requirements.

Your drawing. Your specification.
Our coordinated sourcing solution.



TENSION CONTROL BOLT SETS & SHEAR STUDS

High-Strength Connections for Structural Applications.

Specialized fastening products play an important role in structural assemblies, transportation equipment, heavy engineering and industrial installations.

Igawara supports sourcing of tension control bolt sets and shear studs according to specified product requirements.

TENSION CONTROL BOLT SETS

Applicable Standards

- GB/T 3632 (Metric, Class 10.9S)
- ASTM F3125 Grade F1852 (120 ksi) / Grade F2280 (150 ksi)

Specifications

Item	Range
Diameter	M16 / M20 / M22 / M24 / M27 / M30
Usage Length	40–200 mm
Grade	Class 10.9S (GB/T 3632)

Available Surface Treatments

- Electro-Galvanized
- Black Oxide
- Zn-Ni
- Hot-Dip Galvanized





Hot-dip galvanizing is not applicable to high-strength sets (e.g. F2280 / A490-type). Other coatings subject to hydrogen embrittlement control and baking.

SHEAR STUDS

Item	Range
Standard Reference	AWS D1.1 / ASTM A108 / ISO 13918 / GB/T 10433
Diameter	Ø13 / 16 / 19 / 22 / 25 mm
Imperial Diameter	1/2" / 5/8" / 3/4" / 7/8" / 1"
Usage Length	60–305 mm / Customized
Material	ASTM A108 1015/1017/1020
Surface	No Coating

Applications

- Rail Freight & Passenger Cars
- Railway Bogies and Body Joints
- Mining Screens and Coal Washers
- Crushers and Heavy Equipment
- Photovoltaic Mounting Systems
- Truck Trailers and Containers
- Refrigerated Container Bodies
- Wind Turbine Towers
- Steel Structures and Bridges
- Ships



Specialized fastening products for structural connections and demanding industrial applications.

INDUSTRIAL MATERIALS

From Carbon Steel to Nickel-Based Alloys.

Material selection is one of the most important considerations in industrial fastening.

Operating temperature, pressure, corrosive media, chloride concentration and mechanical loading all influence the required material properties.

Through our Chinese and international sourcing network, Igawara supports a broad range of materials for different industrial service conditions.

CARBON & ALLOY STEEL

- ASTM A193 B7
  High-strength alloy steel bolting commonly specified for pressure equipment and industrial piping.
- ASTM A193 B7M
  Bolting material with specified mechanical properties and hardness limitations for applicable sour-service conditions.
- ASTM A193 B16
  Alloy steel bolting grade specified for particular high-temperature and high-strength applications.
- ASTM A320 L7 / L7M / L43
  Bolting materials specified for low-temperature service according to applicable requirements.

STAINLESS STEEL

- SS304 / A2
  General industrial applications requiring good corrosion resistance.
- SS316 / A4
  Improved resistance to many corrosive environments, including chloride-containing conditions, subject to operating requirements.
- SS310
  Heat-resistant austenitic stainless steel for elevated-temperature service, subject to operating requirements.

DUPLEX & SUPER DUPLEX

- Duplex 2205 / S31803
  Combines relatively high mechanical strength with improved corrosion resistance compared with conventional austenitic stainless steels in many applications.
- Super Duplex 2507 / S32750
  For demanding corrosive environments where chloride resistance and mechanical strength are important.
- Zeron 100 / S32760
  Additional super duplex material option, subject to grade and specification confirmation.

NICKEL-BASED & SPECIAL ALLOYS

- Inconel 625
- Inconel 718
- A286 / ASTM A453 Gr.660
- Hastelloy C-276
- Monel 400 / K500
- Other nickel-based alloys, subject to project requirements and sourcing availability.

MATERIAL SELECTION FACTORS

- Operating Temperature
- Working Pressure
- Corrosive Media
- Chloride Concentration
- Mechanical Loading
- Environmental Conditions
- Applicable Industry Standards

The right material is selected according to the actual operating environment and engineering specification





SURFACE TREATMENTS & FINISHES

Protection for Different Operating Environments

Surface treatment plays an important role in corrosion protection, surface characteristics, installation performance and service requirements.

Igawara supports sourcing different coating and finishing options according to product material, operating environment, dimensional tolerances and customer specifications.

AVAILABLE SURFACE TREATMENTS

01. Plain

    For carbon steel fasteners where additional coating is not specified.

02. Electro-Galvanizing

    Zinc coating for corrosion protection in suitable operating environments.

03. Hot-Dip Galvanizing

    A thicker zinc coating commonly specified for outdoor and structural applications.

04. Mechanical Galvanizing

    Zinc coating for selected fastener applications.

05. Zinc Flake Coating

    Corrosion protection with controlled friction characteristics, depending on the coating system.

06. PTFE Coating

    Low-friction coating for selected chemical and environmental requirements.

07. Black Oxide

    Surface finish for selected applications where specified.

08. Zn-Ni Coating

    Zinc-nickel coating option for specified corrosion protection requirements.

09. Passivation

    Chemical treatment used for stainless steel to enhance its passive surface condition.

10. Special Coatings

    Other coating systems sourced according to project requirements.

COATING SELECTION CONSIDERATIONS

- Corrosion Exposure
- Salt and Chemical Environment
- Coating Thickness
- Thread Tolerance
- Coefficient of Friction
- Hydrogen Embrittlement Risk
- Operating Temperature

QUALITY VERIFICATION

Where specified, inspection and testing may include:

- Coating Thickness Measurement
- Adhesion Testing
- Salt Spray Testing (ASTM B117 / ISO 9227)
- Visual Inspection





The coating system must be compatible with the base material, dimensional requirements and intended operating conditions.

QUALITY ASSURANCE & TRACEABILITY

Quality Is More Than a Certificate. It Is a Documented Process.

For industrial fasteners, quality must be supported by verifiable specifications, appropriate inspection and reliable documentation.

Igawara coordinates supplier quality requirements and documentation throughout the sourcing process, helping customers obtain products supported by the agreed technical and inspection requirements.

OUR QUALITY ASSURANCE APPROACH

01. Supplier Coordination

Work with selected suppliers according to customer specifications, technical requirements and project needs.

02. Material Verification

Coordinate verification of material grades and supporting material documentation.

03. Dimensional Inspection

Review critical dimensions, thread specifications and applicable tolerances.

04. Mechanical Testing

Coordinate relevant mechanical tests according to specified product standards.

05. Surface & Coating Inspection

Review surface finish, coating requirements and relevant inspection records.

06. Documentation & Traceability

Coordinate material certificates, inspection reports and batch or lot identification.

Traceable sourcing.
Coordinated inspection.
Documented specifications.

INSPECTION & TESTING CAPABILITIES

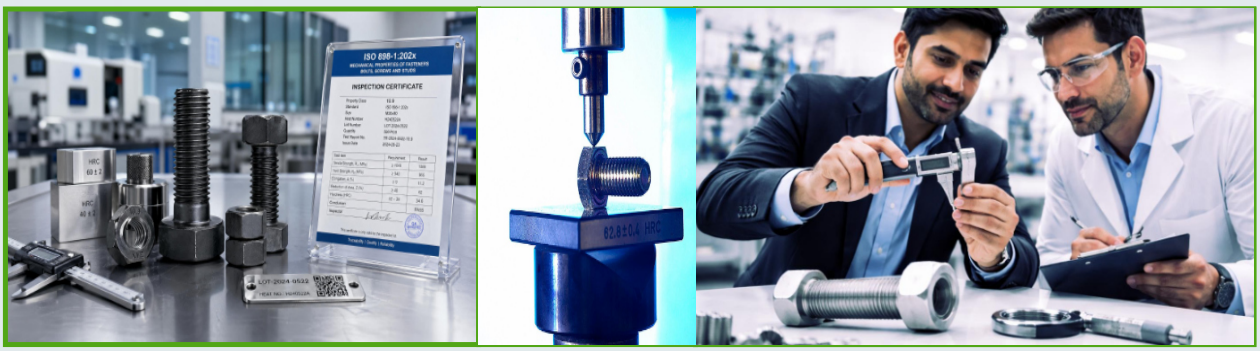
Depending on product specifications and order requirements:

- Chemical Composition Analysis
- Tensile Test
- Hardness Test
- Proof Load Test
- Wedge Tensile Test
- Impact Test
- Dimensional Inspection
- Thread Inspection
- Salt Spray Test
- Hydrogen Embrittlement Test
- Magnetic Particle Inspection
- Coating Thickness Test
- Metallographic Analysis
- Third-Party Inspection

QUALITY DOCUMENTATION

Available documentation, subject to product and order requirements:

- EN 10204 3.1 Certificate of Inspection
- Chemical Analysis Reports
- Mechanical Test Reports
- Dimensional Inspection Reports
- Heat Treatment Records
- Coating Inspection Reports
- Certificates of Conformity
- Third-Party Inspection Reports
- Batch and Lot Identification



INTERNATIONAL STANDARDS & SPECIFICATIONS

Specified to International Standards. Matched to Project Requirements.

Industrial fasteners are manufactured and specified according to different international standards.

Correct standard identification is essential for ensuring dimensional compatibility, mechanical performance and compliance with project requirements.

Igawara supports sourcing according to commonly specified international fastener standards.

INTERNATIONAL STANDARDS

Standard	Description
ISO	International Organization for Standardization
DIN	German Industrial Standards
ASTM	ASTM International Standards
ASME	American Society of Mechanical Engineers
JIS	Japanese Industrial Standards
BS	British Standards
GB	Chinese National Standards

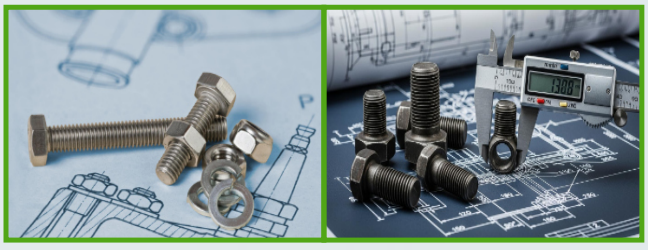


COMMON FASTENER STANDARDS

Standard	Product / Application	Equivalent
ISO 4014 / 4017	Hex Head Bolts	DIN 931 / 933
ISO 4032	Hex Nuts	DIN 934
ISO 4762	Socket Head Cap Screws	DIN 912
ASTM A193	Alloy & Stainless Bolting	—
ASTM A194	Carbon, Alloy & Stainless Nuts	—
ASTM A320	Low-Temperature Bolting	—
ASTM F3125	Structural Bolts (A325 / A490)	—
ASTM A354	Q&T Alloy Steel Bolts & Studs	—
ASTM F3125 (Grade F1852 / F2280)	Tension Control Bolt Sets (TC Bolts)	GB/T 3632
DIN 975 / 976	Threaded Rods & Studs	—
DIN 985 / 982	Nylon Insert Lock Nuts	ISO 10511 / 7040
DIN 6923	Flange Nuts	ISO 4161
DIN 125 / 127	Washers	—
ASME B18.2.1	Square & Hex Bolts	—
ASME B18.2.2	Nuts	—
ASME B18.3	Socket Cap Screws	—
ASME B18.31.2	Continuous Thread & Double-End Studs	—
ASME B18.31.3	Threaded Rod (Inch Series)	—
JIS B1186	High-Strength Bolts, Nuts & Washers	—
GB/T 5782 / 5783	Hex Head Bolts	ISO 4014 / 4017
GB/T 6170	Hex Nuts	ISO 4032
BS 3692	ISO Metric Hex Bolts & Nuts	—

OUR SPECIFICATION APPROACH

- Correct standard identification.
- Material grade verification.
- Dimensional specification matching.
- Mechanical property requirements.
- Surface treatment coordination.
- Appropriate inspection documentation.



International standards and specifications support reliable performance in industrial applications.

LOCK RIVETS & TOOLS

Fasteners and Installation Equipment. One Coordinated Supply.

Industrial fastening performance depends not only on the product, but also on the appropriate installation equipment and accessories.

Igawara supports sourcing of lock rivet installation equipment together with related consumables, helping customers coordinate fastening products and installation requirements through one supply channel.

HYDRAULIC POWER UNIT — HK3413

Specification	Technical Data
Flow Rate	3.2 L/min (50 Hz) / 3.85 L/min (60 Hz)
Maximum Pull Pressure	600 bar / 8,710 psi
Maximum Return Pressure	413 bar / 6,000 psi
Electrical Supply	3 × 400/440 VAC
Motor Power	2.2 kW
Motor Speed	1,420 rpm
Control Circuit	24 V DC
Hydraulic Pump	6-cylinder
Noise Level	Maximum 78 dB
Reservoir Capacity	6.9 L
Dimensions	540 × 470 × 510 mm
Weight Including Fluid	69 kg



HYDRAULIC INSTALLATION GUN

Available Models

- IGW2620 — 1/2"
- IGW3585 — 5/8" / 3/4"
- IGW2630 — 7/8"
- IGW507 — 1"
- IGW12142 — 1-3/8"





Technical Specifications

Item	Specification
Design	Angled-Handle Riveting Gun
Head Width / Diameter	89.0 mm
Head Length	190.0 mm
Minimum Stroke	46.0 mm
Weight	≤ 8.6 kg
Operating Pressure	7,400 psi
Standard Return Pressure	3,200 psi
Operating Capacity	203 kN @ 7,400 psi



NOSE OPTIONS

- IGW5000 — 1/2"
- IGW5008 — 5/8"
- IGW5010 — 3/4"
- IGW5014 — 7/8"
- IGW5017 — 1"

RELATED CONSUMABLES & ACCESSORIES

- Lock Rivets
- Washers
- Replacement Noses
- Hoses — IGW309-26
- Hydraulic Installation Tools & Power Units

Igawara provides coordinated sourcing of fasteners and installation equipment.

GLOBAL INDUSTRIAL APPLICATIONS

Fasteners for the Industries That Keep the World Moving.

Industrial fasteners are essential across a wide range of industries, from energy and chemical processing to transportation, infrastructure and advanced manufacturing.

Igawara supports sourcing requirements for applications where material selection, mechanical properties, dimensional accuracy and product specifications are important.

OIL, GAS & PROCESS INDUSTRIES

- Oil & Gas Exploration and Production
- Petrochemical Plants
- Oil Refineries
- LNG Facilities
- Cross-Country Pipelines
- Chemical Plants
- Pharmaceutical Plants
- Hydrogenation Facilities

ENERGY & INFRASTRUCTURE

- Power Generation
- Nuclear Facilities、Aerospace
- Renewable Energy
- Wind Turbine Towers
- Solar Photovoltaic Mounting Systems
- Bridges
- Infrastructure
- Construction

MARINE & HEAVY INDUSTRY

- Marine & Offshore
- Shipbuilding
- Water Treatment
- Seawater Desalination
- Smelting Plants
- Mining Equipment
- Industrial Plants
- Pulp & Paper

TRANSPORTATION & ENGINEERING

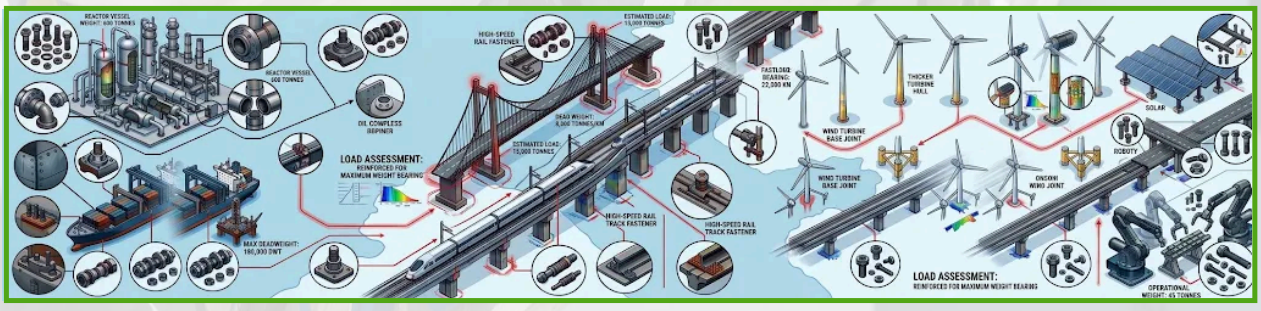
- Railway Freight and Passenger Cars
- Automobile Manufacturing
- Truck Trailers
- Container Manufacturing
- Precision Engineering Equipment
- Data Centers
- Laser Cutting Equipment
- Robotics

MATERIAL & PRODUCT APPLICATION MATCHING

Application Requirement	Relevant Product / Material Options
Pressure Equipment & Piping	Stud Bolts, ASTM A193 B7 / B7M
Low-Temperature Service	ASTM A320 L7 / L7M / L43
Structural Connections	High-Strength Bolts, Nuts and Washers
Corrosive Environments	SS316, Duplex 2205, Super Duplex 2507
Specialized Chemical Service	Inconel, Hastelloy and Selected Special Alloys
Outdoor Structural Installations	Galvanized and Hot-Dip Galvanized Fasteners
Customized Equipment	Special Bolts, Nuts, Studs and Anchors

Material selection and product suitability must be verified against actual operating conditions and engineering specifications.

One sourcing platform. Multiple industries. Global application requirements.



GLOBAL SOURCING & SUPPLY CHAIN

From China's Manufacturing Resources to Global Industrial Markets.

The strength of a sourcing solution depends on more than finding a manufacturer. It requires understanding customer specifications, identifying suitable suppliers, coordinating quality requirements and managing the supply process.

Igawara brings together manufacturing and sourcing resources across China and international markets to support customers with diverse industrial fastening requirements.

OUR SOURCING ADVANTAGES

01. China Manufacturing Access
Connect with qualified suppliers and manufacturing resources across China for a broad range of industrial fasteners.

02. Diversified Supplier Options
Identify alternative sourcing channels according to material, specifications, order quantities and budget requirements.

03. Technical Coordination
Coordinate customer and supplier requirements for drawings, dimensions, materials, standards and product specifications.

04. Quality Documentation Support
Coordinate material certificates, inspection reports, product identification and third-party inspection where required.

05. Flexible Procurement
Support different order quantities and sourcing arrangements, including selected products available from one unit.

06. Global Supply Coordination
Manage supplier communication, order progress, shipment arrangements and delivery follow-up.

FROM ENQUIRY TO DELIVERY

Our Process

- Customer Enquiry & Requirements
- Technical Specification Review
- Supplier Sourcing & Quotation
- Technical & Commercial Confirmation
- Purchase Order Coordination
- Production & Quality Follow-Up
- Inspection & Documentation Coordination
- Delivery & After-Sales Support

OUR INTERNATIONAL PRESENCE

With Singapore headquarters and business operations across China, Southeast Asia, India and the Middle East, Igawara provides an international platform for customer communication and supply chain coordination.

OUR COMMITMENT

Reliable industrial supply requires the right resources, clear specifications, quality assurance and effective coordination.

Igawara brings these elements together to build lasting supply partnerships.

Extensive China Manufacturing Reach.
Established Global Sourcing Network.
One Reliable International Supply Partner.



GLOBAL OFFICES 全球办事处

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Petrochemical / Refineries


Aerospace


Energy Generation


Nuclear


Marine & Offshore


Cross Country Pipeline Projects


Automobile


Water Treatment & Desalination Plants


Infrastructure


Renewable Energy


Smelting Plant


Precision Engineering Equipment


Data Center


Pulp & Paper


LNG


Construction Industry


Industry Plants


Chemical / Pharmaceutical Plant


Laser Cutting, Robot

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