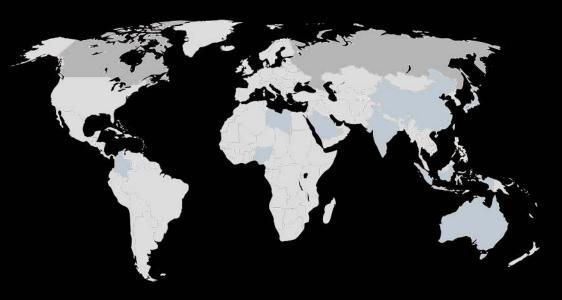
JC GRAND Corporation

Headquarters: 10F, No. 200, Sung Chiang Rd., Taipei, Taiwan. Year Established: 1978 Major Products: Industrial Fasteners, Small Steel Components Factory Area: 1,400,000 sq. ft. (130,000 sq. m.)

Factory Locations: Kangshan Dist., Kaohsiung City, Taiwan Haiyan (Zhejiang), China Email: sales@jcgrand.com Phone: +886 225 223 248 Fax: +886 225 365 500





www.jcgrand.com







About JC Grand Corporation

JC Grand is a manufacturer, exporter and distributor of industrial fasteners and related hardware components. Since 1978, JC Grand has been serving customers globally with an extensive line of high quality screws, nuts, bolts, washers, studs, and customized hardware products from its whollyowned factories in Taiwan and China. Our locations are ISO9001 and TS16949 certified, and singularly focused on delivering products and services of exceptionally consistent quality to our clients worldwide.

The company consists of a main office in Taipei, two production facilities totalling 400,000 square feet in Kaohsiung, Taiwan, and a 1 million square feet factory in Zhejiang Province, China (Shanghai region). JC Grand also owns and operates A2LA certified ISO17025 mechanical testing laboratories.

We dispatch more than 4000 metric tons of fasteners every month to over forty countries and employ more than 350 sales and factory personnel.

We are equipped to produce an extensive array of both standard and customized fasteners that meet all industrial requirements.

Our goal is to establish and maintain a long term, mutually beneficial relationship with our customers, and to provide a level of service that exceeds expectations.

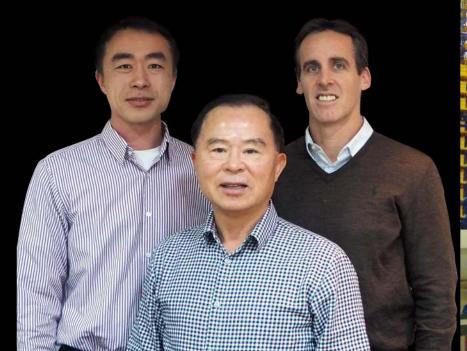
JC GRAND Corporation

JC GRAND Corporation

Since 1978, JC Grand has grown from a two person company based out of James Chen's living room to a multi region operation with customers all over the world. The one thing that has not changed over the past 40 years is dedication to customers.

Jon Hodowany joined JC Grand as General Manager in 2005, after serving in senior engineering and management roles at Boeing and Merck in the United States. Jon leads JC Grand's business development efforts, product development and quality teams as well as maintaining P&L responsibility for the entire organization.

Jon recruited Henry Chen from Hewlett Packard to join JC Grand in 2006. Henry brought a keen eye for finance and operations to JC Grand's operations in China.



Chairman James Chen (middle) GM Jon Hodowany (right) Operations Henry Chen (left)









JC GRAND Corporation







Significant Events

The founding of the company by current Chairman, James Chen Kangshan factory was established (near Kaohsiung, Taiwan) Mito factory was established (near Kaohsiung, Taiwan) ISO9001 certification Corporate Headquarters moved to its current location on Sung Chiang Road, Taipei 2001 JC Grand China's Zhejiang factory, encompassing nearly 1,000,000 square feet, commenced operations (near Shanghai) Hired American Engineer Jon Hodowany as new General Manager 2006 Hired American Henry Chen, previously in the Finance group of Hewlett Packard, as Director of Operations and Finance at JC Grand China. Companywide implementation of the SAP ERP system goes online JC Grand Quality Laboratories attained ISO17025 A2LA certification Expansion of Mito Factory to include an fully automated warehouse and optical sorting factory 2010 SixSigma training for key employees 2011 TS16949 automotive quality certification completed JC Grand Taiwan logistics factory commenced operations JC Grand new heat treatment factory commenced operations



Value-Added Client Services

Manufacturing high quality fasteners is only a part of what JC Grand's customers expect from us. In our 40 years in the business, JC Grand has an established array of services to offer our overseas clients. In addition to a broad fastener manufacturing range, JC Grand is also known for our detailed and flexible approach to customer service.

A few of the more common value added services that we can provide are

- Inventory Management Programs
- Full EDI Compliance for Ordering, Delivery and Stock Management
- Export/Import Consolidation
- Custom Packaging and Kitting
- Optical Sorting
- Mechanical Sorting

Industries and Clients

Main Industries Served

- Appliances & Consumer Durables
- Machinery & Motors
- Electrical Fixtures & Lighting
- Flectrical Tools

- Automotive
- HVAC
- Professional Construction
- Retail + Distribution Center Logistics







JC GRAND Corporation

Records of inprocess and final part inspection, as well as physical keeping samples, are retained for every production lot. Customers can obtain copies of the part inspection records upon request. JC Grand is one of a few Asian suppliers with an American Association for Laboratory Accreditation (A2LA) accredited ISO 17025 quality inspection lab.

All new part production follows a formal Production Part Approval Process (PPAP), which was originally introduced in the auto industry, but is nevertheless a generally useful process for ensuring our production workflow can capably and consistently meet all customer requirements. We provide PPAP Level III documentation as requested.





Quality System

As part of ISO9001 and TS16949 certification, JC Grand maintains a robust, modern quality system, which touches every aspect of our operation. The quality system is fully integrated with JC Grand's SAP operations management software, and includes comprehensive SOPs for:

- Part Revision Management and Control
- Statistical Process Control
- Material Purchasing
- Supplier Audit and Compliance
- Full Production Lot Traceability
- Process Capability Evaluation and Control
- Lot Acceptance Sampling and Inspection

- Laboratory Testing
- Test & Measurement Equipment
- Non Conforming Material & Corrective Action
- Storage, Packaging, & Shipping
- Long Term Records Control
- Data Integrity and Security



Internal Quality Laboratory Testing Capabilities



- Optical Projectors: 3D and 2D
- Distance: Calipers, Micrometers, Optical Comparators
- Gauges: Recess Penetration, Depth, Straightness, Thread Ring, Thread Plug
- Surface Roughness Gauge
- Surface Friction Coefficient
- Universal Tensile Testing
- Calibrated 3 Point & 4 Point Bending Moment
- Drill Test Stations
- Rockwell Superficial Hardness
- Microhardness
- Breaking Torque Testing
- Torsional Drive Testing
- PullOut Testing
- Dynamic Assembly Torque Testing
- Abrasive Cutting & Specimen Mount
- Hydrogen Embrittlement
- Salt Spray Corrosion Testing
- Recess CamOut Torque Testing Station
- Specific Gravity Meter
- pH Meters
- Temperature + Humidity
- Optical Microscopy (Microstructure)
- XRay Diffractometer for Coating Thickness
- Surface Chemistry Composition
- Tests for RoHS Banned Substances in surface Coatings
- Surface Adhesion
- Automated 100% Optical Sorting Machines



ISO 9001



ISO/TS16949



EN 14566 A2LA_ISO-17025

EN 14592





JC GRAND



DRYWALL & CHIPBOARD SCREWS



PLASTIC FASTENERS



SELF TAPPING SCREWS



COATING TYPE SCREWS



SELF DRILLING SCREWS



SEMS SCREWS



PAINTED SCREWS



NYLOK BOLTS



BOLTS



SPECIAL PARTS





ELECTRONIC SCREWS



CNC MACHINED PARTS





SPECIAL SCREWS



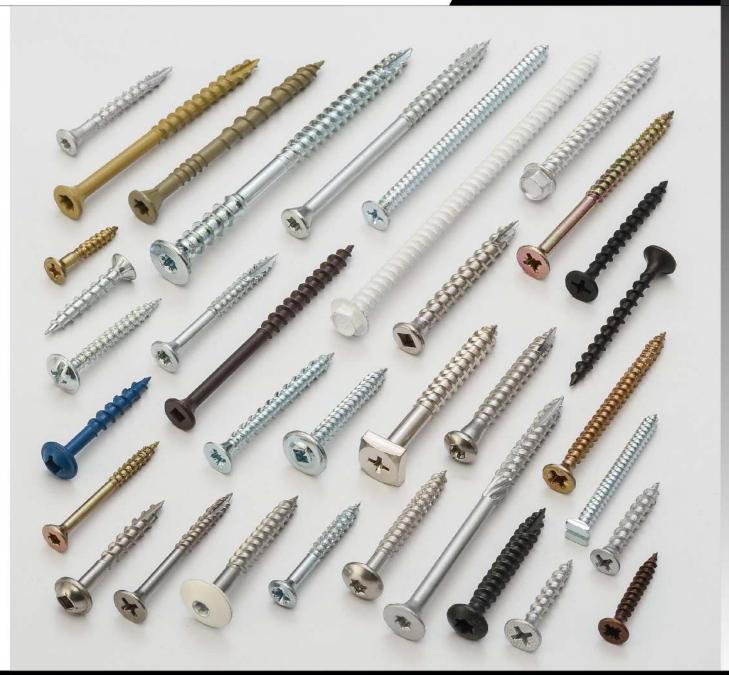
PRESSED PARTS



NUTS



CUSTOM PACKAGING



SELF TAPPING SCREWS











NUTS NUTS





COATING TYPE SCREWS





NYLOK SCREWS





SPECIAL PARTS

CNC MACHINED PARTS





PRESSED PARTS





JC GRAND

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PACKAGING









