

**THE TURNKEY AND ENGINEERED
ACCESS HARDWARE SUPPLIERS**



LOOKING FOR BETTER LIFE CYCLE COSTING FOR YOUR EQUIPMENT?

CHOOSE THE RIGHT PRODUCTS FOR YOUR APPLICATIONS

WE HAVE MORE SOLUTIONS

TO KNOW MORE

LETS HAVE A DISCUSSION!

CALL NOW!

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ABOUT

Dynamic Technologies is the leading distributor for engineered access hardware and solutions.

We are an AS 9120B certified firm. Having headquarters in Hyderabad, India for more than a decade, we have created value for customers with providing and supplying innovative solutions, designed to enhance the touch points of their products.

Our customers belong to different range and spectrum of industries, from a PIN TO AEROPLANE i.e industries such as Aerospace, Defence, Transportation and Industrial applications, Medical equipment, Data centers and many more.

Having served more than 400+ happy customers who are leaders in their markets and industries, we have one of the broadest portfolio of premium engineered solutions to choose from for the different products and different requirements.

VISION

India's best and trusted source for engineering access solutions

MISSION

Milestone of serving 2000 customers in South India.

We will achieve the milestone by

- > Continuous engagement with customers
- > Create or add value to customers' product
- > Suggest Right Product to save costs

VALUES

Passion
Commitment
Integrity
Growth

AS 9120B ACCREDITED
CERTIFICATE NO 298016



**DEDICATED
TEAM**



**400+
CUSTOMERS**



**GLOBAL
AVAILABILITY**



**200000+
PRODUCTS**

Electronic Access Solutions

Intelligent locking and latching
Remote access control and monitoring
Simplified key management
Bluetooth Locking systems
Data Center Latches with custom software and audit trail systems



Display Mounts

Allows for ergonomic positioning of displays
Integrated positioning technology that provides precision control
Maintenance- and adjustment-free performance for the lifetime



Compression Latches

Compresses gaskets and seals doors with one simple motion
NEMA/IP Compliance
Clamps securely to eliminate noise and rattle
Available in hand, tool and key options to meet application security requirements



Gaskets

Seal out dust and moisture
Minimize rattles due to vibration
Compensate for surface contour irregularities



Draw Latches

Clamps and holds two panels together
Secures against vibration, rattle and panel misalignment
Wide variety of sizes and styles to suit varying strength requirements



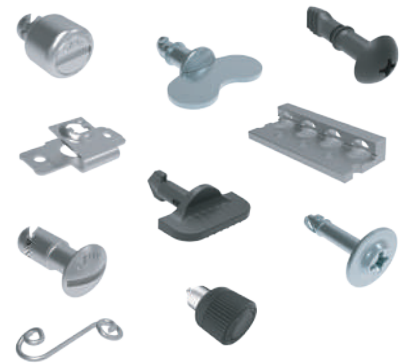
Hinges

Allows doors to open and close easily
Positioning options to hold door in any position.
Options for quick door removal and
concealed mounting to enhance industrial design



DZUS® Quarter-Turn Fasteners

Quickly secures and releases with a 90 degree turn
Stays captive to the panel, providing ease of use and
preventing lost hardware
Provides a strong, consistent clamping with repeated operation
MIL-F-25173A * APPROVED components



Drive Rivets

Create high-strength permanent bonding of diverse materials
such as metal, wood and masonry, in through-hole and
blind-hole applications, with affordable Southco Drive Rivets.
Easy installation with just a hammer make Drive Rivets a
great choice for field work.



Captive Screws

Stays secure to the panel, preventing loss and protecting
sensitive electronics.
Spring ejection and self-aligning float.
Tool recess, thread size and installation options to suit any application.



Panel Fasteners

Provides quick access for hinged or removable panels
Latches into thru or blind holes
Locates sliding panels



Rotary Latch Systems

Concealed, push-to-close latching at one or more points of a door
Remote actuation allows latch and actuator to be positioned independently
High strength and reliable performance in demanding applications



Push-to-Close Latches

Intuitive push-to-close operation holds doors secure
Wide range of quick actuation options
Easy user access
Simple, single hole installation



Cam Latches, Locks and Swinghandles

Simple quarter-turn operation to secure doors
Adjustable versions allow users to customize the fit
Sealed versions provide NEMA/IP compliance



Multi-Point Latching Systems

Provides latching at multiple points around a door with a single action
Optimizes sealing and eliminates pry points, door flexing and rattle
Wide range of actuator styles suit indoor and outdoor enclosures



Handles and Pulls

Provides comfortable touch points for opening, closing and lifting
Surface mount, flush and folding models to suit any application
Quick and easy installation



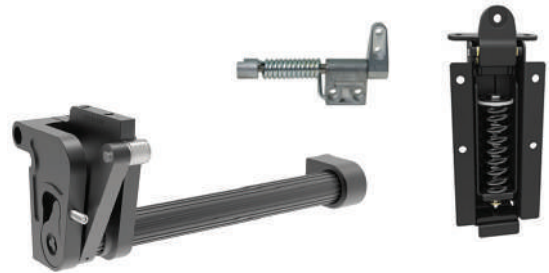
Door Locksets

Door hardware engineered to withstand harsh marine environments
Suitable for cabin or entry door and deck applications
Provides performance, design and styling



LIFT-A-SYST® and Counterbalance System

Easily lift and position heavy objects with very little effort
Highly repeatable, maintenance-free life up to 100k cycles
Consistent performance over a wide range of temperatures



Marine Hardware

Marine hardware engineered to withstand harsh marine environments
Suitable for variety of applications can provide performance, design and styling
We have latches, hinges and many more suitable for marine grade.



Key-Locking



Key-Choice System



Padlockable



Stainless Steel



NEMA / IP Rated



Multi-Point Capability



Vibration Resistant



Fire Resistant

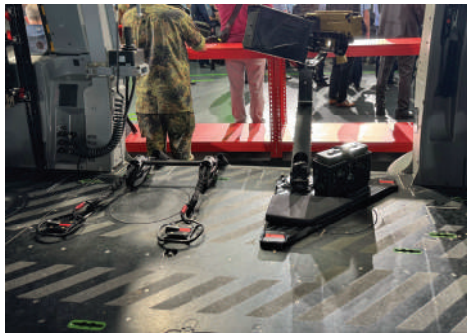
Southco's products are engineered to meet demanding application requirements across a wide range of industries.

Images and Content courtesy from SOUTHCO.COM

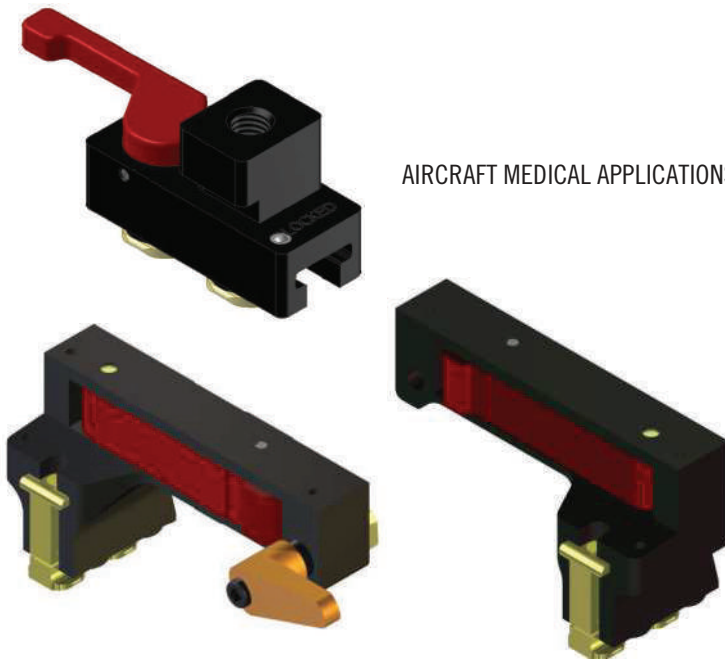


Quick Change Track Lock - QCTL®

The Quick Change Track Lock System is the easy to fit and remove your equipments on an airline 'C' Track, providing a complete solution. You could also use these QCTLs when you want to furnish your interior differently by saving time and space.



HELICOPTER APPLICATIONS



AIRCRAFT MEDICAL APPLICATIONS



EJOT TSSD®

The fastening element for lightweight design

The EJOT TSSD® (thermal adhesive bonding boss and in German: Thermischer Stoff-Schluss-Dom) has been developed including the appropriate joining process, in order to realise fastening options for lightweight material. The process is suitable for sandwich elements with hollow core and foam core structures with different top layers preferably with fibre content. The TSSD® can be used as a screw boss for the DELTA PT® screw, or directly as fastening element.



EJOT TSSD®
Ø 9 x 12



EJOT TSSD®
Ø 12 x 13



EJOT TSSD®
with ball head

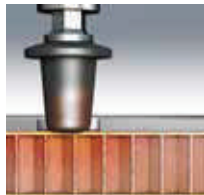
Standard based on PA6- or PP-matrix

TSSD® installation process

During the joining process, a thermoplastic boss is installed into the plastic component with a defined rotation speed and axial load. The installation can be done with or without a pilot hole, depending on the component material. Due to the applied axial load the fastening element penetrates the component and the frictional heat caused by the rotation causes a partial fusing of the joining parts. After a brief cooling time a thermal adhesive bond and / or mechanical and form-fit occurs, depending on the material.



Positioning



Grinding / fusing



Penetrating



Complete setting

Holding with
contact pressureTool
removal**Application examples**

Paper honeycomb + PUR GF toplayer
Pull-out force 900N



Aramid honeycomb + Aramid
Pull-out force 700–1,200 N



PP honeycomb + PP GF toplayer
Pull-out force 800 N



PUR foam + 0.6mm Aluminium AW3003
Pull-out force 800 N



Rohacell foam + CRP top layer
Pull-out force 1,300-1,700N



XPS- foam + PS GF top layer
Pull-out force 500N



EPP foam + PP GF top layer
Pull-out force 500- 900 N

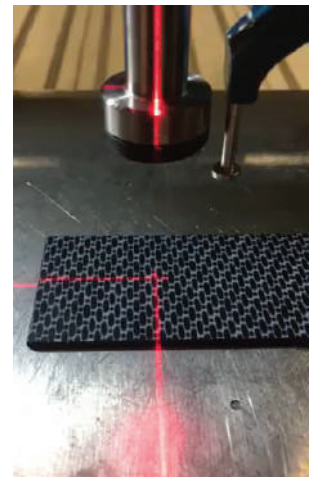
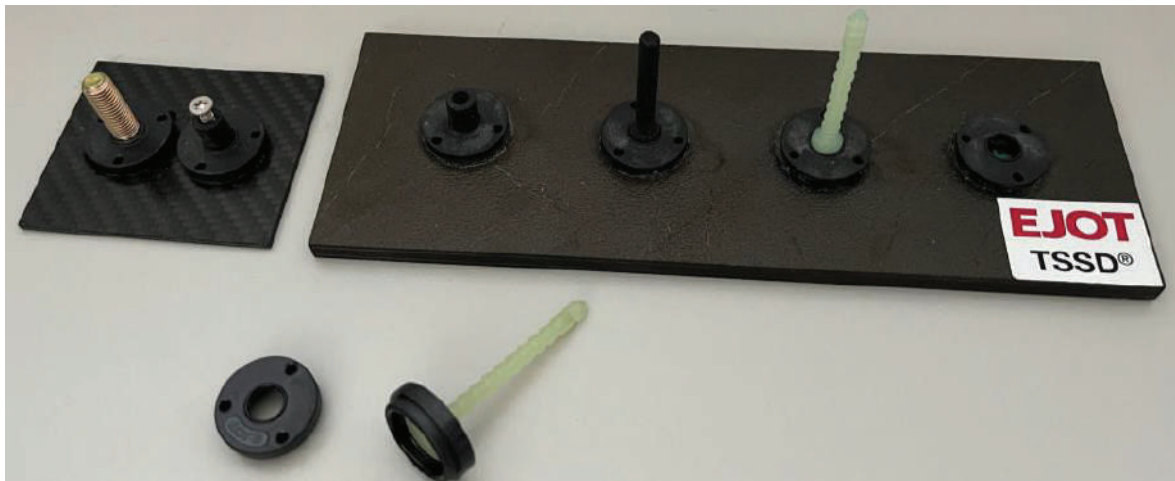


PP GF Foam + PP GF top layer
Pull-out force 1,900 N

EJOT's surface fastener(Composite Sheets)



Connection on composite surface both for thermoset & thermoplastics.
No adhesives used.
No penetration into the composite /only adheres onto surface.
Full automatization potential (high-speed installation).
Multifunctional elements.



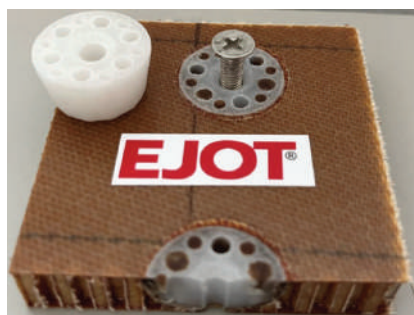
EJOT Floating TSSD (Sandwich)



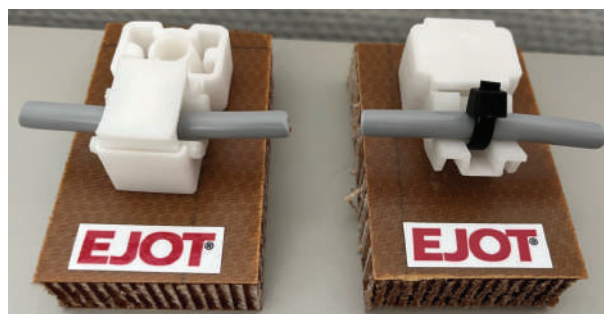
These type of products are produced only on DEMAND.
Please check with the technical team for insert sizes and type of sandwich materials you are looking to use for.

New Materials on the market

EJOT Through-holed TSSD

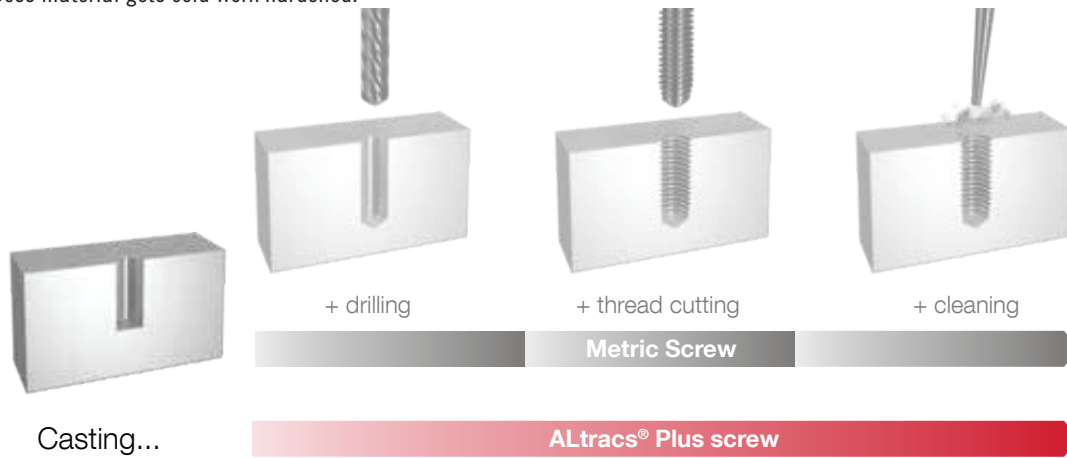


EJOT Cable Systems' TSSD



ALtracs Plus®

Self-tapping in light alloys (Aluminum, Magnesium, Zinc, Copper and many more...)
Zero-play engagement of thread (self-locking)
Boss material gets cold work hardened.

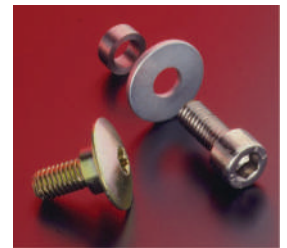


...and assembling

EJOFORM®

EJOT's Innovative Solutions

Forging parts customized parts
Simplification of the assembly
Reduction of parts; multiple-stock

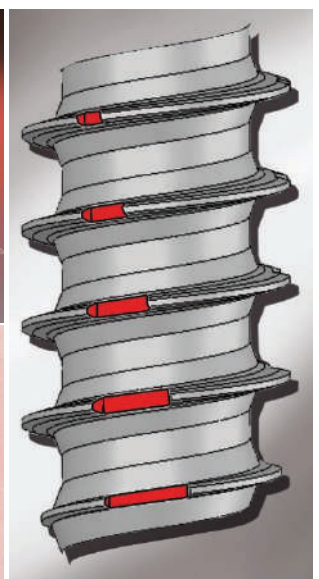


DELTA PT® DS

Direct fastening into thermosets

No cutting operation needed

No additional thread-lock needed





KWIK-LOK®

Kwik-Lok® Pins provide quick, easy, positive engagement and high-holding strength for applications requiring frequent, repetitive use. If you need safety, speed and dependability, then you need Jergens Kwik-Lok Pins. Over 6,000 standard items are in stock and a quick turnaround is available on special grip length, handles, materials and ball configurations. Jergens is an ISO 9001:2015 certified government QSL-approved manufacturer. Find the right one for your application!



ACME KEYLOCKING THREADED INSERTS

Easy-to-install Jergens Keylocking Inserts do not require special drills, taps or other installation tools, rising them above the competition. Rated among the highest pullout strength, Jergens Keylocking Inserts are available in **MS/NAS** product options.



ACME KEYLOCKING THREADED STUDS

Acme Keylocking Studs provide security and “repairability” in applications where you can’t use a through-bolt/nut combination. They are superior for use in soft materials such as aluminum or magnesium when extra strength, extended thread life and vibration-resistance are required.



SWAGE-SERT™ THINWALL THREADED INSERTS

Manufactured to MIL-45932-1

Acme Swage-Sert thinwall threaded inserts are used to repair stripped, damaged or worn out threads. They are employed in original equipment to strengthen threads and extend thread life in soft base materials like aluminum or magnesium.

Swage-Sert inserts are also ideal when a lighter weight assembly is required.



TOOLS

Acme tools are used for very hard parent materials to help install the insert. We offer variety of tools both manual and pneumatic based tools.

Pneumatic Insert Power Tool for Keylocking Inserts speeds the installation of Acme inserts, precisely torquing them into the base material and then driving the keylocks into place. A single button operates the tool. The tool installs inserts from M5 to M12 and #10 to ½” inside diameter. Each size requires a specific nose assembly tip. Tool and tips need to be ordered separately.

LANYARDS

302/304 Stainless Steel cable, 1/16" (1.59 mm), with green nylon jacket, 1/8" (3.18 mm), meets Mil-DTL-83420
Other cable diameters, other jacket colors (blue, black, clear) and special configuration styles by special order.



LIFTING SOLUTIONS

Jergens offers a wide variety of advanced lifting solutions. Particularly, swivel hoist rings in Forged Alloy Steel, Stainless Steel and many more to suit your needs and requirements. These rings are used in Defence, Aerospace, Railways and many more industries.



LIFT-CHECK™ SWIVEL HOIST RINGS

Jergens center-pull style hoist rings are available in varying U-bar sizes, all proof tested to 200% of rated load capacity. The NEW Lift-Check™ Hoist Ring assures safety with a patented built-in visual tension indicator in its hex head cap screw to eliminate calibration.



STAINLESS STEEL SWIVEL HOIST RINGS

The Stainless Steel rings are made of 17-4 PH material. Not only do you get the environmental protection of stainless steel same strength/load capacity as alloy steel i.e capacities up to 5000 lbs. Both Inch and metric styles available. Magnetic Particle Inspected. Maximum operating temperature 600°F continuous



SWIVEL EYEBOLT

The Jergens Swivel Eyebolt™ lifting product has a full swivel and pivoting action that allows for the flipping and turning of the part without unhooking. The patented tamper resistant design is ideal for permanent mounting on OEM applications or on molds, dies and fixtures.



TOGGLE CLAMPS

Jergens toggle clamps are a top quality products. The new toggle clamps are very innovative for your fixtures and are long lasting. The clamps are available in Steel and Stainless Steel versions to fit to the right product for your application.



SPECIAL HARDWARES

Jergens offers a wide variety of easy-to-use specialty hardware solutions.



SPRING, BALL, PRESS FIT, RETRACTABLE THREADED PLUNGERS

Our unique Solid Drive™ design allows the entire plunger to move, eliminating the need for set screws that often result in hard-to-remove plunger bodies and lost springs.



POWER CLAMPING

Durable, reliable clamping solutions from Jergens provide cost-effective performance, with a wide selection of boosters, clamps, cylinders, pumps, swing cylinders, hydraulic controls and more.



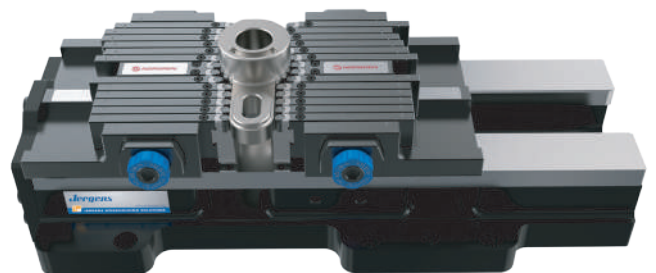
WORKHOLDING AND LOCATING COMPONENTS

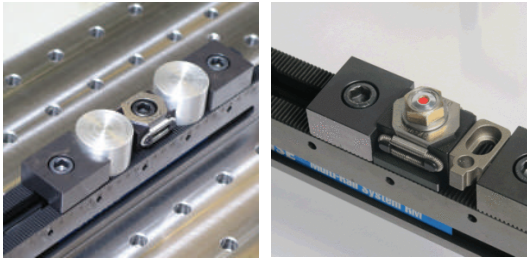
With one of the largest selections of workholding and locating components available, Jergens has everything you need to design and build fixtures, jigs and other workholding devices.



ADAPTIX™ WITH JERGENS BALL LOCKS

Adaptix™ rapidly adjusts to powerfully grip the most challenging of pieces. Innovative technology ensures repeatability and precision are maintained throughout the machining process, resulting in more uptime and faster changeovers. Unique shapes can be quickly set up and held for high mix, low volume orders, meaning you'll have more time to quote and easier with Jergens & Adaptix™.





OK-VISE®

OK-Vise® with a tagline “Small in size – Giant in performance”, is a true performer of the tagline given. The OK-VISE’s wedge operated low-profile clamp gives you the possibility to clamp workpieces, no matter what size or shape, reliably and firmly! First in the market, our low-profile clamp is known for its high clamping power on a small footprint.

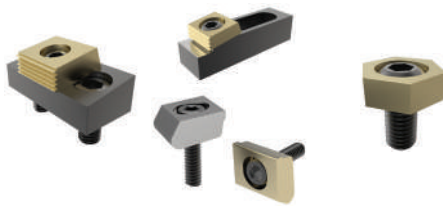
OK-VISE’s clamps come with various jaw options and sizes.

Depending on your workpiece, you can choose the right combination exactly suitable for your needs.



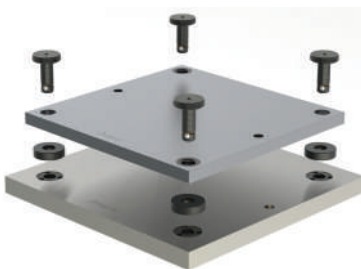
MICRO CLAMP SOLUTIONS

OK-Vise® and Micro Clamps bring 3D machining to your work flow. These devices extend cycle time and provide more efficient usage of space compared to traditional vises.



FIXTURE -PRO®

Jergens Fixture-Pro® is a unique modular workholding system for maximum flexibility. The line has a variety of subplates, risers, quick change pallets and top tooling to get the spindle and cutting tool close to the workpiece.



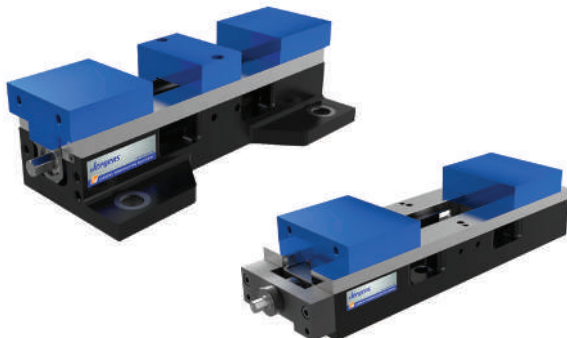
BALL LOCK® AND ZPS

Jergens is the world leader in quick-change fixturing systems that help you maximize efficiency and uptime. These productivity-boosting systems include the Ball-Lock® Mounting System and the Zero Point System.

PRODUCTION VISES

Production Vises are ideal for vertical, horizontal, and 5-axis machining. Production Vises are an integral part of Jergens’ Quick Change Systems, providing maximum productivity and flexibility.

Production vises are available in manual and hydraulic configurations as well as a complete line of jaws and other vise accessories.



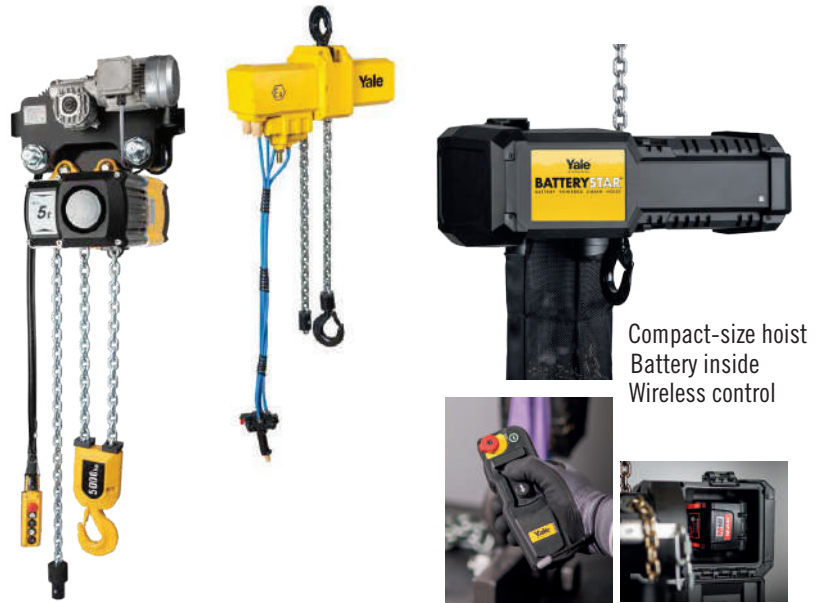
HOISTING & LIFTING EQUIPMENT

ELECTRIC AND PNEUMATIC HOISTS

Available in a wide range of capacities, features, and specifications, Columbus McKinnon's portfolio of electric and pneumatic hoists are known throughout the material handling industry for their strength and performance.

Product range

- Electric chain hoists
- Pneumatic chain hoists
- Electric wire rope hoists
- Explosion proof (ATEX) electric chain hoists
- Explosion proof (ATEX) pneumatic chain hoists
- Explosion proof (ATEX) electric wire rope hoists



Compact-size hoist
Battery inside
Wireless control

WORKPLACE AND JIB CRANES

Columbus McKinnon offers the optimal solution for every application with its complete range of crane systems and lifting systems.

Product range

- Gantry cranes
- Floor mounted jib cranes
- Wall mounted jib cranes



Floor mounted jib crane with four electric chain hoists ST 50

Yale®
TIGRIP®



Capacity 500 - 3000 kg

This clamp is primarily used for transporting single steel plates in the vertical position, as well as lifting and turning through 180°. This clamp can also be used for transporting steel constructions and profiles. It is recommended to use a pair of plate clamps in conjunction with a spreader beam for large sized sheets and long materials which have a tendency to sag.

POWER & MOTION TECHNOLOGY

ACTUATORS

Our actuator systems with worm gear screw jacks are used in a wide variety of applications in areas such as mechanical engineering, the automotive industry, energy supply, the food sector and logistics applications. Suitable series are available for requirements in a wide range of load ranges and different sizes or stroke speeds. This includes the proven screw jack series as well as the newly developed SSP series with stainless steel screw jacks. We offer high-quality drive systems with comprehensive service, consulting and engineering.

Product range

- Screw jacks 2.5kN up to 2000kN
- Linear actuators 0.55 kN up to 100kN
- Lifting columns PHOENIX up to 25kN
- Bevel gear boxes up to 8.500Nm output torque
- Clutches, cardan shafts, spindle covers
- Screws & nuts



PAFF
silberblau



Columbus McKinnon is equipping the ferry port in Kuryk on the shores of the Caspian Sea with Pfaff-silberblau screw jacks. The two huge loading bridges each contain 24 Pfaff-silberblau SHE 150.1 special screw jacks and 48 special geared motors, thus creating the technical basis for complete freight trains to enter and leave the ferries quickly.

VISUAL INDICATOR BOLTS

SmartBolts® are tension indicating fasteners that ensure proper clamp force is achieved at installation and maintained over time. Each SmartBolt features a visual indicator that changes color to measure and display tension in real time. Tension creates the clamp force that keeps a bolted joint secure.



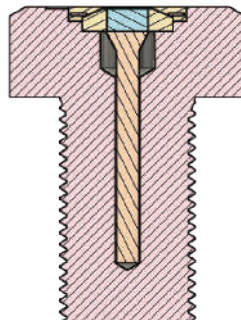
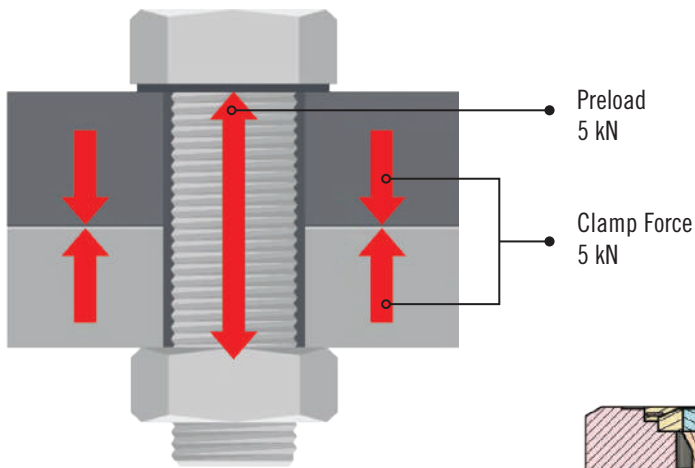
Verify that bolts are properly installed with reliable preload measurements.



Visually monitor the bolted connection over time with no downtime.



Protect assets and prevent accidents by identifying issues before they become problems.



The Visual Indicator

Every SmartBolt has an embedded visual indicator with a color-calibrated real-time display of tensile load. The indicator is bright red when the fastener is loose and gradually transitions to black when the fastener is tightened to its desired tensile load.



Loose

Tight



ISO 9001:2015



100% Quality
Inspection



Full Material
Traceability



1-Year Warranty

Why We Measure Tension ?

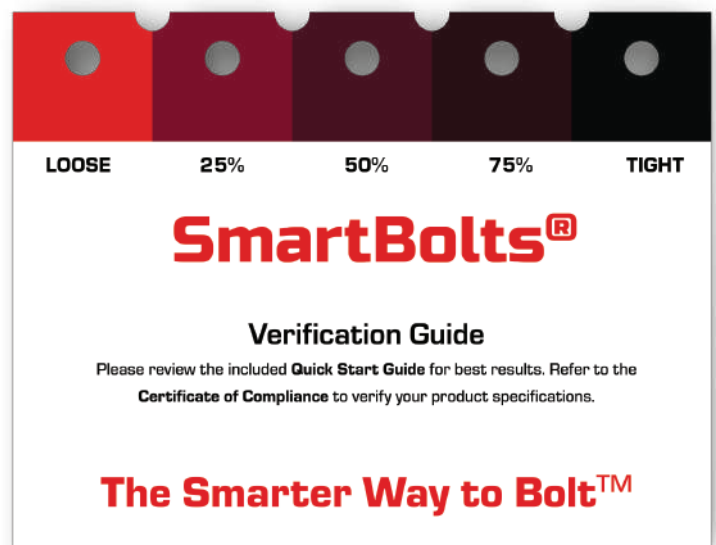
Measuring tension is the best way to keep a bolted joint secure because tension creates clamp force. Clamp force holds a bolted joint together and prevents it from loosening.

If bolt tension is monitored, we can ensure bolted joints are properly secured.

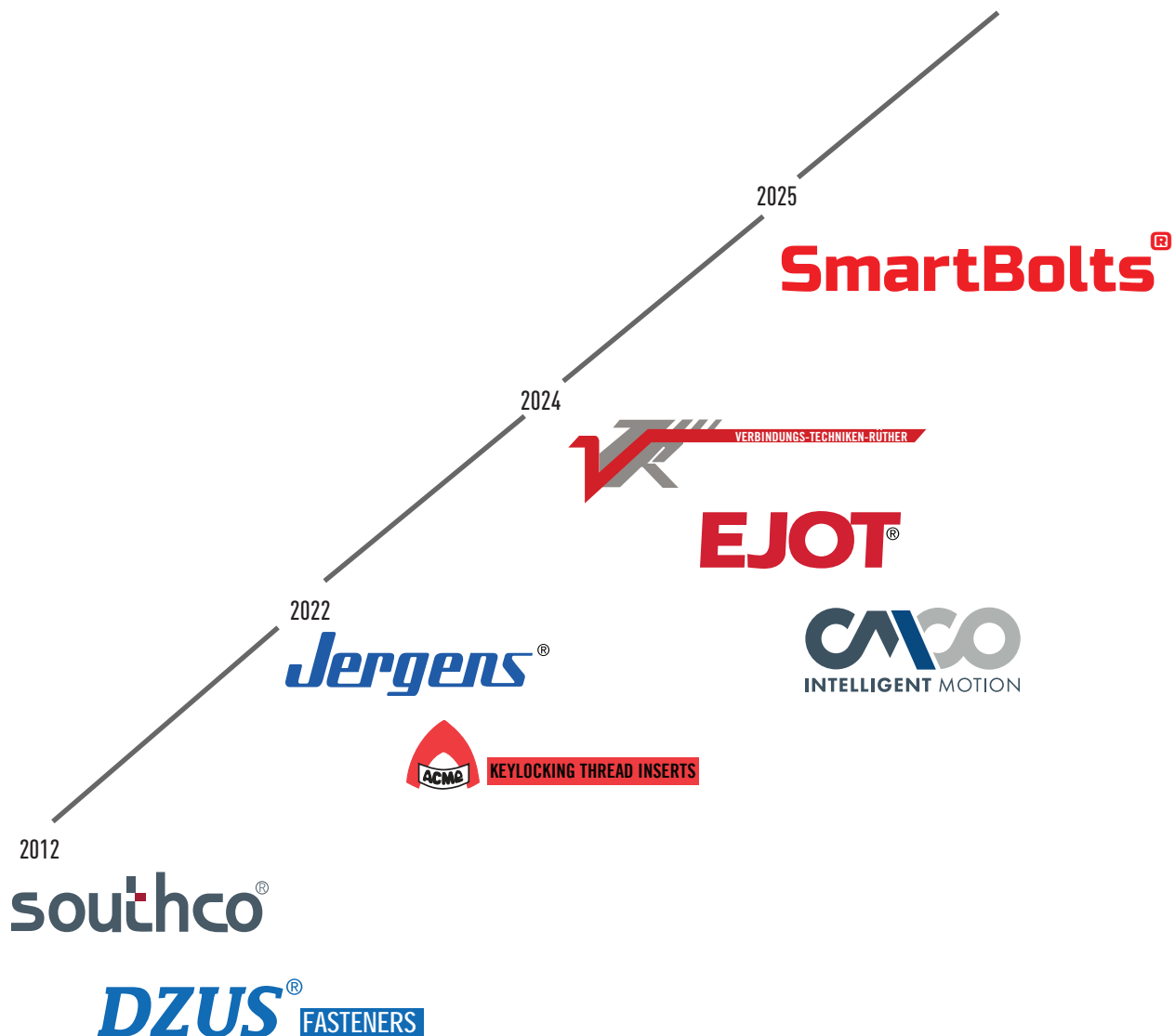
How We Measure Tension ?

SmartBolts are ordinary bolts retrofitted with a gage pin installed in the bolt shank.

Fasteners stretch when tightened, like a spring, and this creates tension within the bolt. The gage pin measures tension by measuring the elongation of a fastener when it is tightened.



OUR JOURNEY WITH PRINCIPAL OEMS





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An Industrial Indicators brand



RELIABLE- RESPONSIVE- RUGGED- TRUSTED