



Southco® Engineered access solutions

Proven solutions allowing design flexibility

The center of excellence for high-performance fastening technology

KVT-Fastening is an expert for high-quality fastening applications and offers engineering solutions based on the wide product portfolio of the leading manufacturers in the market.



Mechanical engineering | Automotive | Electrical engineering | Energy | Precision engineering | Fluid power | Transportation | Off-shore and Marine | Medical equipment
Aviation and aerospace | Construction industry | Watch manufacturing industry

www.kvt-fastening.com



High-performance solutions from KVT-Fastening are found wherever absolutely safe and secure connections are essential. These small but extremely resilient components play key roles where it matters most – whether in the electronics and energy sector, the automotive and transportation industries, aviation and aerospace, engineering and construction, precision engineering, or medical equipment.

KVT-Fastening does not just supply standard products and individual components, but also provides close and active customer support in the search for ideal solutions, particularly when specific requirements must be fulfilled. This portfolio is complemented by a range of innovative tools and

machines as well as, if needed, the integration into automated serial production workflows.

Ever since 1927, KVT-Fastening has stood for experience, solution-driven know-how, unique expertise in development and consultancy as well as the ultimate in reliability. Since December 2012, KVT-Fastening is a member of the Bossard Group. Bossard is a leading provider of intelligent solutions for industrial fastening technology. The range includes global sales, technical consulting (engineering) and logistics of fastening technology components and bolts. Customers benefit from the extension of competencies in industrial fastening technology and from an optimally enhanced product or service portfolio.



Proven solutions in access solutions and fastening technology

That, in brief, describes the Southco® range of products. Whether in the automobile industry, railway, enclosures, sheet-metal casings, furniture, telecommunication, computer industry or ship-building, Southco® cam latches, hinges, handles,

push-to-close and draw latches, captive screws, quarter-turn fasteners and electromechanical latches, all provide excellent solutions with plenty of room for design.



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For further information please order main catalogue.

Electronic access solutions

Electromechanical latches

- Increased safety due to concealed installation and reliable, vandal resistant mechanics
- Improved access control by simple operation in combination with optionally integrated sensors for status feedback and monitoring
- Combination of DC motor with gear box enables operation of high mechanical loads at extremely low consumption
- Availability of numerous suitable variants enable implementation to a broad range of applications



Electronic Control Units

- System integration or control of electromechanical latches using control- and operating units such as RD keyfobs, numeric keypads, RFID readers, USB and Bluetooth controllers



Hinges and display mounts

Hinges

- Surface mount and concealed hinges
- Free operating and detachable hinges
- Detent and bistable hinges
- Hinges with adjustable or constant friction
- Counterbalance Hinges



Display mounts

- Easy positioning and precise control of displays thanks to integrated friction technology and concealed cable routing
- Long time and maintenance free operation up to 20.000 cycles
- Modular design enables flexible combination of single parts



Engineered access solutions

Compression latches

- Eliminate noise and rattle
- Compress gaskets to provide environmental or EMI/RFI sealing
- Many key and tool access options



Cam latches

- Rotate the pawl/cam 90° to actuate
- Fixed and adjustable grip options
- Adaptable to multi-point latching



Multi-point systems

- A single user touch point operates multiple latching points
- Available for indoor and outdoor enclosures



Engineered access solutions

Push-to-close latches

- Simply push the door to close
- Visible and concealed styles
- Variety of operating methods



Rotary latch systems

- Single or multi-point latch capability
- Compatible with wide array of actuators
- FMVSS 206 compliant



Engineered access solutions

Draw latches

- Wide variety of sizes and styles
- Draw panels tightly together to eliminate rattles and compress gaskets
- For co-planar and off-plane applications



Cam Locks and Lock Cores

- Flexible key code options
- Broad range of sizes
- Multiple access control styles



Engineered access solutions

Quarter turn fastener

- Provide fast access
- Suited for high frequency, repeat access applications
- Captive to the panel, no lost hardware

DZUS®



Captive screws

- Captive to the panel
- Wide variety of styles
 - standard machine screws
 - metric and imperial sizes



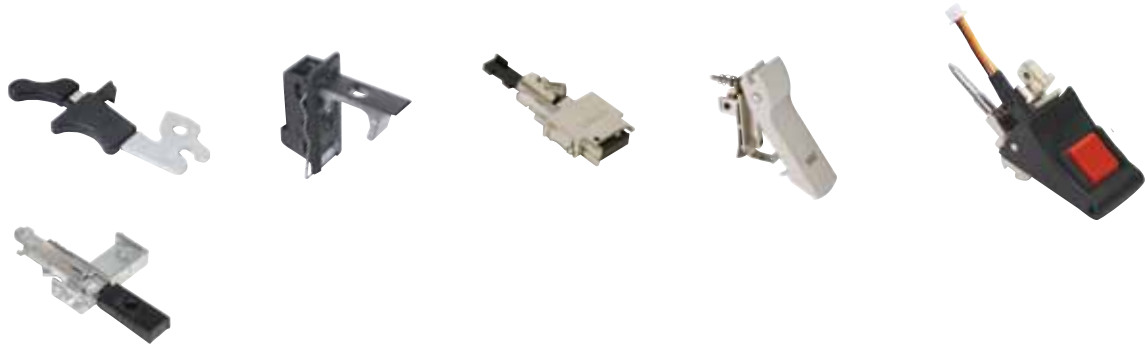
Handles and pulls

- Fast, easy installation
- Concealed and low profile styles



Inject-eject mechanisms

- Assist in consistent engagement or removal of electronic modules
- Various access styles and inject/eject forces



Entry door locksets

- Suitable for cabin or entry door and deck applications
- Provide performance, design and styling



KVT-Fastening – Fastening technology



Blind rivet nuts



Blind rivet technology



Thread inserts



Self-clinching fasteners



Stud welding systems¹⁾



Lock nuts



Bonding fasteners



Access solutions



Quick fastening elements and clips



Quick release pins and spring plungers



Adhesives and sealants¹⁾



Construction fasteners²⁾



Special processes²⁾



Plugs



Pressure intensifiers³⁾



Installation technology



Quick connectors⁴⁾

Fastening, sealing and flow control solutions for complex applications

The extensive KVT-Fastening portfolio offers optimal solutions for your most challenging applications. The products included in this catalog represent only a selection from our entire product portfolio. Upon request, we will be pleased to provide additional information or an individual consultation to you.

Intelligent logistic systems

Bossard SmartBin and SmartLabel are intelligent logistics systems which monitor stock with total reliability and ensure stock replenishment automatically. An online system transmits the data to the Bossard server, and this – if necessary – triggers an order. These systems ensure quick and easy availability of C-parts while production is running.



Logistic systems

Competent analysis for efficient solutions

KVT-Fastening's highly qualified experts analyze the given task at hand. Based on this sound understanding of the project, they then develop ideal solutions that are economical, efficient, and safe.



Solutioneering

For more information about our range of products and order at our E-shop, please visit www.kvt-fastening.com

¹⁾ Not available in Germany. ²⁾ Only available in Switzerland. ³⁾ Not available in Switzerland. ⁴⁾ Not available in Austria.

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