

Visit the inspection specialists



Italian-based inspection and sorting company Dimac Srl says its SPC-LAB can inspect any kind of fasteners or mechanical component produced by cold forming, stamping or turning with accuracy of up to 0.005mm.

The SPC-LAB is a first piece inspection mobile unit suitable for in process and post process measurements and controls – directly on the shop floor – which helps eliminate the need to perform single measurements on a profile projector, and helps to reduce human errors due to the use of manual callipers or micrometers. No skills are required for the operators on SPC-LAB to perform the most complex controls such as measuring a radius, checking any thread dimensions, measuring a tapered shape or measuring a length between a given diameter and any shoulder edge on the piece.

“Visitors to our stand will also be able to hear feedback from customers using our machines,” comments Dimac. “Customers using the SPC-LAB on their production lines affirm that it is reliable; helps to avoid production bottlenecks; and enables them to deploy staff to other areas while ensuring part quality for the end customer and improving overall equipment efficiency.”



Also on display at the show will be the MCV5 – a glass rotary table machine equipped with four high-resolution digital cameras and optional eddy current heat treatment detection station. The MCV5 has an easy and clear interface and the set-up and recording of the working parameters are automatic. With its special controls, it makes sure that all fastener manufacturing is flawless.

MCVx vision software is installed on both machines and is designed to detect even the most crucial features such as head and shank diameter, lengths, straightness, concentricity and thread angle.

“2016 was a very positive year for us as we have become more recognisable internationally because of our pursuit of quality and our eye for detail,” states Dimac proudly. “We look forward to meeting new as well as existing customers at Fastener Fair Stuttgart.” +

Dimac’s MCV5 will be on display at the show

On-site mini lab demonstrations



Fabory will be bringing its on-site mini lab to its stand at this year’s Fastener Fair Stuttgart to enable visitors to experience, in person, its high product quality.

Using kit and thread meter demonstrations, Fabory will showcase its broad assortment of products to help visitors find the products they need. Visitors will also be able to browse Fabory’s new web shop and experience its user-friendly search and select options.

Fabory’s fastener catalogue contains over 75,000 stocked fasteners alone, and the assortment of fasteners and related products is expanded on a continuous basis to meet the needs of more customers. The company also offers local knowledge and support through a branch network covering 11 European countries including the Netherlands, Belgium, the United Kingdom, France, Portugal, Spain, Czech Republic, Slovakia, Poland, Hungary and Romania.

“We help increase convenience and enable customers to achieve substantial cost savings by optimising procurement and logistical processes,” comments Fabory. “This enables customers to spend precious time focusing on their core business and providing excellent service – a must in a competitive market. Make sure you come and visit us on our stand to find out more about Fabory’s eCommerce and KeepStock services and make the most of your visit to Stuttgart.” +

50 years of quality ‘Made in Germany’

Celebrating 50 years of quality, SPAX will be showcasing its product portfolio and its capabilities once again at the show.



Handyman, craftsmen, planners and architects around the globe put their trust in the high-quality products from SPAX International GmbH & Co KG. A multitude of innovative details, such as the 4CUT, MULTI Head and T-STAR plus recess, guarantee maximum safety, quick workmanship and cost-effectiveness when using SPAX screws.

One key quality attribute has been and still remains on the label - ‘Made in Germany’. Even in this era of globalisation, SPAX screws are manufactured exclusively at the company’s facility in Germany and are exported all around the world, ensuring the high-quality standards of SPAX are fulfilled 100%. 50 million SPAX screws of all sizes and models can be produced in a day. Proof of origin has also been officially certified by the German technical inspectorate Technischer Überwachungsverein (TÜV).

This legendary quality has been leaving the gates of the plant in Ennepetal on the southern edge of the Ruhr region since 1967, ensuring perfect connections all over the world. +

Lederer's steady course of expansion



Following the completion of its Ennepetal warehouse and logistics expansion in 2015, Lederer now supplies four million stainless steel articles each day to customers in Germany and abroad – to commerce and industry.

More than 145,000m³ has been filled with fastening technology including an automated small parts warehouse with over 33,000 places; more than 1.5km of light-cargo and pallet-based materials handling technology; new incoming and outgoing goods areas; and state of the art packaging and dispatch stations.

Lederer GmbH has also almost doubled its office space during the past 18 months, where approximately 170 employees from the commercial and industrial areas ensure the stringent quality and delivery requirements of customers from all over the world are implemented.

At the same time the existing functional areas have also been given a thorough overhaul and renovation. Spacious rooms, modern workspaces, and the latest communication technology, are thereby fortifying the family run company's commercial backbone and consequently creating ideal prospects for the continuation of its steady course of expansion.

"We cordially invite our customers to visit us on our premises and see our new possibilities and developments for themselves," emphasises Dr Volker Lederer, Rainer Lederer and Peter Henke, the directors of Lederer GmbH.

For almost 50 years Lederer has been among the market leaders when it comes to the procurement of quality stainless steel fasteners and individual special parts by drawing, as well as efficient C-parts management.

Lederer has approximately 40,000 products in stock such as screws, bolts, thread rods, studs, plugs, screw and washer assemblies, nuts, pins and rivets. Along with this Lederer offers comprehensive logistical services, more than 100 C-parts management systems, its own online shop and a presence on many procurement portals. +

www.lederer-online.com

A 'one stop shop' for washers



R+FK Schulte KG is a family owned washer manufacturer looking to utilise its ability to produce washers quickly and cost-effectively to become a 'one stop shop' for both standard and special washers.

Produced with 'Made in Germany' quality, R+FK Schulte says its capability to offer such a wide range of standard and special washers, with a thickness from 0.05mm up to 12mm, is down to three important elements - the tools, the machines and the employees.

A prime example of this is the investment in an 800 tonne stamping machine that enables R+FK Schulte to be more productive and improve its cost-efficiency for larger washers.

By working closely with customers to design new parts to drawing, R+FK Schulte also creates ideas such as whether to substitute turned or hot forged parts into stamped parts - potentially offering significant cost savings to customers whilst still providing a quality product.

"We are 100% committed to what we are doing and look forward to continuing to deliver a quality product with a first class service." +

www.rfks.com

FRAM is plain sailing

Newborn company FRAM Srl – part of the Bontempi Group – will be celebrating its first birthday at this year's Fastener Fair Stuttgart.



Set-up at the beginning of 2016, the Italian company was created to add expertise in hot forged bolt manufacturing to Bontempi Group's existing wide range of cold forming capabilities – in both stainless and carbon steel. The company says the last 12 months have been a real roller coaster full of hard work and emotions.

"It was a very challenging first year, but the satisfaction of our customers and the growing number of purchase orders we are receiving is soothing our tired souls," comments Marco Polato, CEO at FRAM.

FRAM is continuously extending Bontempi Group's presence in the European fastener market with a wide and complete selection of cold and hot forged items from M5 up to M64. Special parts, studs and special deliveries are managed by FRAM directly.

"We will give a 360° service to our customers, taking care of all their needs even on small batches and special surface finishing, as well as providing customised solutions to customers' drawings. Moreover we are steadily increasing our presence in the European construction bolts market and becoming one of the leading companies of the sector," proudly states Marco.

FRAM is supplying end users, wholesalers and small distributors, furthering Bontempi VIBO's mission of supporting specialised large fastener distributors all over Europe.



"The intercompany business is going very well and giving the market the clear idea we are operating as one Group. Time to market is the main key of success in the present European market and Bontempi Group has been created with this aim," comments Raoul Bontempi, CEO at Bontempi VIBO.

"This means that further to the well known quality, service and delivery guarantee our customers are used to, they can also combine shipment and freight costs – thus reducing overall costs. Our customers can be reassured that they can find the products they want from Bontempi Group when they need them most," says Marco.

FRAM's target for the end of 2017 is to be producing 3,000 tonnes of hot forged parts per annum and the company is already outlining future plans to start its second step of investment. "We know we have big dreams," states Raoul with a smile. "But we strongly believe we will soon manufacture more than one billion pieces per year."

"We had an unbelievable success at Fastener Fair Italy last year, when our Group had just appeared on the market. In Stuttgart we will be again exhibiting alongside Bontempi VIBO and we will be able to show visitors how a small idea can become an outstanding reality. Fastener Fair Stuttgart will be the most important meeting point of the next two years. We need to focus on our European customers, and start to concentrate on new plans for the future to target other markets. The European market is a hard battlefield these days, but we believe our ship is well equipped to sail in the middle of these dangerous waves," concludes Marco. +

info@framfasteners.it

VIPA to present new products



VIPA will be showcasing its new products at Fastener Fair Stuttgart including its SB screws – according to EN 15048, heavy carpentry bolts, special collar screws, as well as agricultural screws in high-tensile materials.

Vipa SpA's SB screw is supplied with CE marked nuts in accordance with the construction standards 89-106 and 109 EN-1 and 2, part of the category of high strength bolts. New heavy carpentry bolts are supplied in accordance with EN 14399/4-6 in HV Class 10.9 plain and HDG.

Also on display will be VIPA's wide product range including its high-tensile strength range – with articles in Class 8.8, 10.9 and 12.9 such as hexagon head bolts, and socket head screws – all with nuts and washers. The company also offers other products and other ranges in stainless material (A2 and A4), as well as other precious materials and ferrous classes of lower resistances.

Operating since 1970, VIPA has branches in Italy, France, Spain, Germany and the Czech Republic, and expanded its offerings with a Chinese branch opened in April 2016. Its head office in Rolo, Italy, is made up of its main office building and automatic warehouse – capable of storing up to 120,000 pallets.

"VIPA is able to offer a wide range of high-quality products for all needs and can also offer special parts upon request. We look forward to welcoming visitors to our stand at Fastener Fair Stuttgart," explains VIPA. +

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Look out for us at Fastener Fair Stuttgart!



SIPA to continue its success



For over twenty years SIPA has looked to new technologies and methods to ensure that it is delivering high-quality products that meet its customers' demands, and will be showcasing its wide range at this year's Fastener Fair Stuttgart.

SIPA Srl has always stood for quick delivery and a 360 degree service for all its customers, along with high-quality products combined with competitive prices. Founded in 1989, the company began its history with the production of plates and angles for hardware. In time, SIPA's product catalogue grew by adding various types of iron articles such as plaques/platelets, hangers, shelves, quadrates, trumpets, and the plates for gazebo, etc.

In 2006, SIPA began producing washers of various measures and regulations taking a further step forward in its growth – also developing new marketing and also starting to expand abroad thanks to the participation in trade fairs in the European sector.

Today the company is headquartered in San Pietro, Italy, with a 9,000m² facility – which is also being expanded with a new 7,500m² area adjacent to the current factory. Its facilities include an iron cutting department – composed of approximately 30 automatic presses; a plastic pressing department – composed of approximately 10 automatic pressures for the pressing of plastic material in granules of 50 tonnes to 430 tonnes; as well as a mechanical workshop department – consisting of three work centres, three grinding machines, one lathe, one radial drill, one microdrill, two erosion plunges and two erosion wires.

Also on-site is SIPA's 4,000m² warehouse, which has various manual packaging machines and three automatic packaging lines for both boxes and bags to satisfy all customers' demands.

"We are exhibiting at Fastener Fair Stuttgart once again because we think it is the most important appointment for the fastener sector. It is an unmissable opportunity for us as we can meet our best clients and have many new contacts. We can satisfy requests from different types of clients – so we invite everybody to visit our stand," comments SIPA. +

www.sipaitalia.it



A comprehensive solution for screw and bolt testing



With a wide range of friction testing machines and multi-component sensors for the determination of friction coefficients, Test GmbH – located in Erkrath, Germany – provides complete solutions for screw and bolt testing.

Test is the market leader in the field of friction coefficient analysis for bolts and nuts up to the size of M80. The company also supplies vibration testing machines for the dynamic lateral loading on fasteners and universal testing machines for tensile testing on screws with forces of up to 600kN.

A unique feature from Test, in context of friction coefficient analysis, is the four component sensors it has developed and patented. Besides clamping force they measure total torque as well as bearing face and thread friction, instead of calculating one of these variables from the others. Particularly for fastener and coating developers the knowledge of partial friction coefficients is important because changes in these quantities might remain hidden in the total friction value.

The quality inspection procedure of screws, bolts and nuts should further include vibration testing. Test vibration testing machines according to 'Junker' are used for dynamic testing of the release properties of fasteners. The hereby determined (clamping) force/time diagram and the number of cycles provide information on the release behaviour of bolted connections under dynamic lateral load.

Since bolted connections are exposed to extreme loads and are of great importance for safety, tensile testing has always been part of Test's comprehensive quality inspection. For this purpose Test universal testing machines are adjusted to the particular application by special clamping tools and various devices for detecting screw expansion during the experiment. The user certainly benefits from operating the same in-house developed software TestWinner® for the friction coefficient analysis and vibration testing, as well as for the latter described tensile testing. +

www.test-gmbh.com



Smart® installation plug

pgb Group promotes HAPAX range



pgb-Europe and pgb-Polska will be co-exhibiting again at this year's Fastener Fair Stuttgart where the HAPAX range of fastener solutions will be on display.

Having acquired the Belgian-based HAPAX last year, pgb will be exhibiting the full range of high-quality HAPAX solutions for invisible and visible fasteners for wooden decks.

Also on display will be the SMART® installation plug and information on pgb's new factory, which was inaugurated at the end of 2016 in Ho-Chi Minh, Vietnam. This factory enables importers to buy containers of drywall and chipboard screws.



Hapax D-Pro: A visible fixing system

"For designers we will also be presenting our free professional calculation software on our stand, along with our high-quality nylon, steel and chemical anchors covered by ETAs. We invite you to visit us and see our wide range," comments pgb.

pgb's wide range includes high-quality fasteners according to DIN, ISO and EN standards, such as structural bolts (SB-EN 15048), hexagon head screws, nuts, washers, rivets, common nails, and a complete range of pfs-screws – professional wood screws available in attractive packing, with CE marking.

pgb-Europe holds over 25,000 SKUs of fasteners and fixings in stock. With focus on high product quality and optimal product presentation, it encompasses modern warehousing, uniform packaging and flexible order processing.

pgb-Polska, the Polish production plant of pgb-Europe, is a manufacturer of high-quality nylon, steel and chemical anchors, developed under the brand name SMART®. The company has obtained several ETA's for its products and is continuously developing new products. In a highly competitive market it continuously improves its production to reach for the highest standard in fasteners and fixing solutions. +

www.pgb-polska.com

Self-Clinch fastener products from TR



TR Fastenings has further enhanced its Self-Clinch fastener products and will be exhibiting the complete range at Fastener Fair Stuttgart.

TR's comprehensive Self-Clinch range includes a variety of studs, nuts, standoffs and panel fasteners and now includes the latest additions: The TR-SO clear-hole, unthreaded standoff for spacing and stacking; the TR-PF11 panel fastener - available in different screw lengths and a retainer, which offers positive-stop during installation. Also available are TR-TFH self-clinching studs for applications in sheets as thin as 0.51mm and TR-TSO self-clinching standoffs for sheets as thin as 0.63mm.

TR Fastenings has seen a 40% increase in sales in TR self-clinch fasteners over the last five years, which it says highlights a high demand for the product. To meet this demand, TR has extensively increased its product portfolio, as well as adding new materials and sizes to existing ranges. The company has also actively promoted these products via its distributors throughout Europe, where it has

established a network built upon successful and mutual relationships.

"Since 2011 we have invested heavily in our Self-Clinch range as we continue to meet the demands of our ever increasing customer base. The products are used in a number of different industry sectors and a variety of applications. With such an extensive range of products and services now available we are confident that TR can meet and exceed the expectations of our diverse end user and distributor network," says Steve Wallis, product sales development manager at TR Fastenings.

Also on its stand at the show TR's sales and technical teams will be on hand to discuss the company's complete support service to customers. TR will also be demonstrating how it's extensive 'Engineering Knowledge Base' serves as an invaluable research tool for customers. +

Big range for all industries

Çetin Civata, a member of the Tecde Group, uses its modern production plant to manufacture standard and drawing parts from M3 – M27 for a number of industries, and will be displaying its wide range of products at this year's Fastener Fair Stuttgart.



Founded in 1976, Çetin Civata San ve Tic AS has 180 employees at its 15,000m² Istanbul production plant. The company has a wide range of products including hexagon head bolts, SB bolts, socket head bolts, wheel bolts, machine screws, flange head bolts, self-tapping screws, chipboard screws and thread forming screws, which are available in both metric and unified thread.

With 40 multistation part formers, 30 nut formers, 100 screw formers, 150 thread rolling machines, 30 tapping machines, and its own electric and gas heat treatment furnaces, Çetin supplies 25,000 tonnes a year to both end users and distributors. The company's fully equipped quality control laboratory is also approved by Fiat and all tests can be carried out according to ISO 898-1 & 2.

Çetin is able to supply fasteners in Grades 4.6 to 12.9, for use in a number of industries including automotive, home appliances,



furniture, machinery, construction, mining, and agriculture.

In order to fulfill customers' requirements, Çetin is able to offer many additional services in-house such as drilling, pointing, cutting, stripping and grinding, and can offer surface treatments such as electro zinc plating, zinc nickel plating, zinc iron plating, zinc flake (Zintek®, GEOMET®, Delta and Magni), zinc

phosphate, hot dip galvanising, copper plating and nickel plating.

Also available in-house for customers using automatic assembly lines, Çetin offers laser sorting, camera sorting and eddy current sorting for bolts, screws, rivets and nuts produced in-house.

"Our vision is to be considered a partner for fastener solutions. With our fully trained technical and commercial team we meet complex customer requirements and we will continue to improve our technical know-how. We will invest in both machinery and human resources in order to succeed and create new opportunities for alternative manufacturing methods," comments Çetin Civata.

"Today, we export 40% of our products to more than 40 countries worldwide. This is why we're looking forward to meeting new and existing customers on our stand at Fastener Fair Stuttgart." +

www.cetin.com.tr



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Seven steps to successful compliance audits



All fastening component suppliers to the automotive industry or other high volume users are subject to constant scrutiny during regular customer quality and manufacturing compliance audits. A key advantage for producers is if they are already using modern process monitoring systems on manufacturing machines.

This is usually considered a very positive first step by high volume customers. When it comes to the next level of auditing, producers need to have answers to important questions relating to repeatable manufacturing conditions; clear guidelines for setting process and monitoring parameters; and comprehensive documentation of important process parameters.

On display at this year's Stuttgart show, Schwer + Kopka's new ProAudit system is an effective tool that offers the solution and ensures successful compliance audits in seven steps:

1. Using memorised set-up parameters for repeatable production conditions.
2. Permanently observing all relevant parameters and providing alerts in case of unacceptable deviations.
3. Restricting parameter changes to authorised and trained personnel only.
4. Introducing condition-based maintenance routines.
5. Archiving all process data for 100% proof of stable manufacturing processes.
6. Saving all relevant parameters for backup purposes.
7. Strictly following the implemented quality control procedures (e.g. automatically alerting or stopping the machine when SPC inspections are required, missed or out of tolerance).

Schwer + Kopka GmbH mentions that customers using the ProAudit system report they regularly receive high ratings during their audits. In addition, they are benefiting from the stringent procedures imposed on them in respect to product quality and productivity alike. "The process monitoring system is increasingly becoming the central communication tool between the production machine and the company's technical and organisational computer systems," mentions Schwer + Kopka. "For example, after entering a part number, the process monitor gives online access to all documents relating to the part such as drawings, dimensional specifications, quality information, machine set-up and maintenance instructions." +

www.schwer-kopka.de



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NORM – serving both national and international markets



From its nine manufacturing facilities, Turkish company NORM Civata has a manufacturing capacity of 120,000 tonnes and serves both national and international markets in a variety of industries.

NORM's wide range of products includes wheel bolts, studs, six and twelve lobe parts, hexagon and hexalobular head bolts and screws, hexagon and hexalobular socket head cap screws, cup head square neck bolts, flange bolts, special weld bolts, special rivets, hexagon nuts, hexagon thin nuts, and round weld nuts. The company points out that 70% of its manufacturing capacity is specials – according to customer requirements.

With its tooling and coating plants, NORM is also able to offer in-house surface treatment, heat treatment, tooling manufacturing, and organic and inorganic plating, including Cr+3 zinc, yellow platings, Delta Protekt®, Geomet®, Magni, zinc nickel grey and black colour, zinc phosphate, and Precote® self adhesives.

“Our R&D centre with 65 engineers creates patented products, process development and product designs. We already hold three registered patents as well as MATHread®, MATpoint®, and M Point® products. We're looking forward to welcoming visitors of Fastener Fair Stuttgart to our stand to showcase our full range of products and services,” explains NORM Civata.

NORM's quality system has been approved by ISO TS 16949, EN 14399, ISO 14001, ISO 27001, OHSAS 18001 and Ford Q1. +

www.normcivata.com



Mahmut Öztürk, general manager at NORM Civata

Tite-Fix achieves accreditations



Tite-Fix Ltd has been awarded DeckMark Plus status for its outdoor products including Deck-Tite®, Deck-Tite® Plus, Exterior-Tite® and Timber-Tite®.

DeckMark Plus and CladMark Plus are part of the quality assurance scheme created by the Timber, Decking & Cladding Association (TDCA) in consultation with the BM TRADA Certification.

The DeckMark Plus and CladMark Plus accreditations differ from the standard DeckMark and CladMark in that to qualify for this status products have to conform or exceed the requirements of a recognised national or international standard. The accreditations also identify an individual manufactured component that has undergone a specific technical or safety evaluation by a recognised quantitative procedure. These tests and evaluations are over and above the requirements of the scheme and are provided to support the professional specification of the product - with clear evidence that the product will perform its design function.

“Tite-Fix was the first fixings company to be awarded the ‘Plus’ accreditations, as it was with DeckMark and CladMark. The TDCA ensures that standards of performance are maintained through audit and through product testing, so the consumer can have confidence in sourcing products of quality, which are fit for purpose,” explains Tite-Fix.

Aligned to this, Tite-Fix now holds CladMark Plus status for cladding products such as Tongue-Tite® Plus and Clad-Tite®. +

Steel products from Eastern Europe



For more than fifteen years RMZ Vertriebsgesellschaft mbH has been specialising in the sale and distribution of steel products.

Based on a strong partnership with some of the biggest steelworks in Eastern Europe, RMZ delivers a broad range of nails, screws, bolts, splints, nuts and coil nails to many different branches of trade and industry.

From its head office in Vienna, Austria, the company also offers services of logistics, communication and marketing to customers all over Europe. Step-by-step RMZ has expanded its customer base to include companies in Germany, Austria, Poland, the Netherlands, France, Belgium, the Czech Republic, Slovakia, Hungary and Sweden. +



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FASTENER FAIR STUTT GART PREVIEW



50 years experience in stainless steel and special alloys



With vast experience using every type of stainless steel and alloy, coupled with dedicated and highly trained staff, Lueg-Stanztechnik is focused on solving customers' challenges.

Lueg-Stanztechnik e.K is a manufacturer of stamped and bent parts and fasteners, such as washers, according to DIN/ISO standard, customer drawings or samples. However, the company is much more than a supplier of products. It looks to use its experience and knowledge to develop long-term relationships with all its customers.

A recent development for the company has been the addition of a refurbished machine that has enabled Lueg-Stanztechnik to expand its capabilities to washers with a thickness of up to 8mm – helping to open up new opportunities and markets.

“Our washers are available in stainless steel, copper and aluminium and can be used in a variety of industries including petrochemical, oil, and civil engineering,” mentions Sabine Lueg, owner at Lueg-Stanztechnik.

In addition to the processing of standard materials, Lueg-Stanztechnik is an expert in the processing of materials with special requirements including duplex/super duplex, corrosion resistant steel, heat resistant alloys, and numerous of other materials.

The company also has a website available in English and German, as well as individual landing pages in Spanish, French, Italian, Polish, Arabic, Korean, Japanese, Chinese, Czech, Portugese, Russian, Turkish and Hungarian. “Being online is very important to us,” explains Sabine. “It enables us to showcase our wide range of capabilities as well as reach new customers around the world. We are excited about exhibiting at Fastener Fair Stuttgart and meeting all our customers, both new and existing, and showing them our capabilities.” +

www.lueg-stanztechnik.de

Colombo outlines growth targets for 2017



Colombo Special Fasteners (CSF) has set itself important growth targets for the future after recently acquiring Milan-based Tecno Fasteners Srl – which specialises in the production of screws and special fasteners (to drawing) in steel, stainless steel, aluminium and copper.

With this acquisition, CSF has extended the range of special fasteners it offers from 2mm to 33mm in diameter. “The synergies between our companies will provide our customers with a wide range of screws and special fasteners – with product quality always controlled and improved,” explained Marco Colombo, CEO at Colombo Special Fasteners Srl.

Further investments in new plants and in the rolling work centres for mechanical processing of recovery and precision for cold forging items, together with the introduction of fasteners in stainless steel, titanium, and inconel, are planned for the first half of 2017.

“Thanks to the acquisition, as well as investment in the plants and growth of our range of special fasteners, we can provide customers with a wide range of screws and special fasteners with product quality always controlled and improved,” says Marco Colombo.

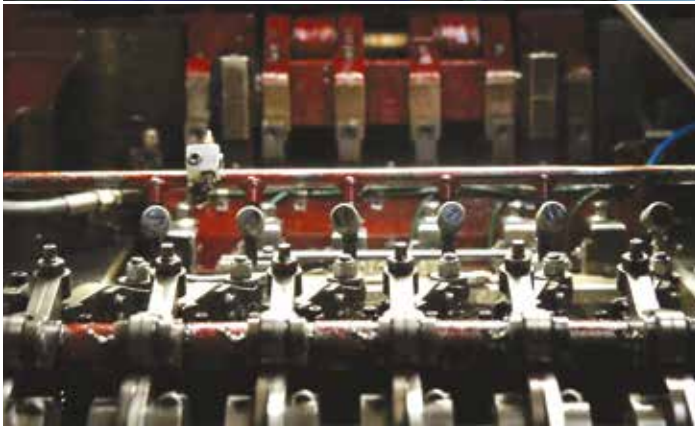
Marco adds: “Fastener Fair Stuttgart will be an opportunity to meet all of our customers and to showcase our new special products. We will continue to be a manufacturer and supplier of reference in our field, and aim to become a full service provider for our customers.” +

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Defremm: Becoming an Industry 4.0 leader



Italian-based Defremm has set its sights on becoming an Industry 4.0 leader, by utilising smart manufacturing technologies for the governance of its business.

Cold forming manufacturer Defremm SpA has been designing and making special parts to customer drawings, as well as producing standard fasteners such as blind rivets and rivet nuts, since 1980.

The company's new state of the art production management and process monitoring systems, network production lines, warehouse, and administration, gives the company an IT/OT convergence, an interconnected system at every level, as well as a constant flow of up to the minute data.

This digital manufacturing enables Defremm to speed up operations, prevent process errors and provide support for quicker machine set-up – while avoiding costly damages. As a result the company can provide greater flexibility and prompter reaction times from the drawing board to the final delivery – with the same high-quality standard it has always guaranteed.

“We have involved our entire supply chain in this process of constant improvement and this also means raising the bar for our suppliers whose support is so fundamental to this mission,” comments Defremm. “Our experienced team is at your disposal to carry out technical and feasibility studies and co-design products together with clients. We then design and build the necessary tooling in our own workshop to manufacture initial samples and start standardised production.”

At this year's Fastener Fair Stuttgart Defremm will be presenting its product range of small metal parts for a range of highly specialised applications. These include fasteners for brakes, locks, doors, roof systems and engines in the automotive industry. The company also supplies parts for household appliances as well as fittings for plumbing, window and door frames, sports equipment and general mechanical applications. Products are available from 5mm to 90mm in length in carbon steel, aluminium alloy, copper, brass and stainless steel wire, and in diameters 2mm to 18mm.

Thanks to the constant improvement in technology and the efforts of its R&D team, Defremm is increasingly focusing its energy on cold forming solutions in stainless steel.

“We are constantly investing in production resources in order to meet increasingly complex customer requirements and increase our production capacity,” points out Defremm. “We invest heavily in state of the art multi-stage horizontal heading machines and machinery for recovery, threading, punching, turning and assembly. We take special care with selection, calibration and quality control instruments. Customers can download our catalogue, see our production range, and contact us to arrange a meeting all via our website.” +

www.defremm.it

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Fastener Fair Stuttgart - The leading Exhibition for Fastener & Fixing Industry
28 - 30 March 2017 - Stuttgart - Germany
HALL 3 - STAND 1530

Wooden innovations from BECK



At Fastener Fair Stuttgart visitors will have the opportunity to try out the latest innovations from BECK Fastener Group, including its LignoLoc™ collated nail made of wood and the FASCO LignoLoc™ pneumatic nail gun.

BECK says its LignoLoc™ is the first wooden nail applicable with a nailing tool. The nail is made from homegrown beech wood and has a tensile strength of 240N/mm². Its mechanical properties mean the nail can be fired into solid structural timber without drilling pilot holes, using the FASCO LignoLoc pneumatic nail gun. The heat generated as the nails are fired in causes the lignin in the wooden nail to bond to the surrounding wood, creating a firmly bonded connection (wood welding) that has been tested and confirmed by the University of Hamburg.

The advantages of LignoLoc compared to aluminium and steel nails are clear to see: No thermal bridges in the structure and no corrosion. BECK Fastener Group believes the main applications will be in industrial and ecological construction of wooden buildings. LignoLoc has been registered as a patent and is expected to be available on the market in the second half of 2017.

Also on display at Stuttgart will be BECK's range of SCRAIL® collated nail screw fasteners. Fired in like a nail with approximately 80% of the holding force of a screw and unscrewed just as quickly, the functional principle of the SCRAIL has remained unchanged for almost 20 years. However, the range of applications in which products from the SCRAIL family can be used have been constantly expanded. For example, with the RoofLoc® SCRAIL system, it is possible to employ SCRAIL for attaching sheet metal to wood – in metal roofs and façades. Many other SCRAIL products will also be on show where they can be put to the test live.



BECK LignoLoc™ – the collated nail made of wood

“Whether developed for a customer’s request or the result of an idea that is ahead of the market – innovations are what drives us. Our in-house R&D team untiringly searches for new solutions to offer customers greater user convenience and efficiency,” explains Christian Beck, general manager at BECK. +

Total concepts for roof and façade



Van Roij Fasteners Europe B.V (VRF) focuses on the development, manufacturing, production and distribution of fastening systems for the roofing and cladding sector.

Headquartered in the Netherlands, VRF specialises in fastening systems for flexible roofing membranes for flat roofs as well as fasteners for mechanically fixing insulation and sandwich panels. It also provides solutions for a large number of base constructions and roofing systems, supplemented with a wide assortment of tools, machines and accessories.

The company supplies much more than zinc plated fasteners - its wide and deep assortment includes bi-metal and stainless steel fasteners, in any colour, for practically every type of façade, as well as a large assortment of tools.

Also provided by VRF is its brand Eurofast - a concept designed for the European market. “With our Eurofast products, we plan international expansion by developing a specific approach and market campaign for each new country. Due to this we have been able to grow and become a service driven, reliable partner for numerous roof and wall cladding specialists in Europe,” explains Van Roij Fasteners Europe.

VRF Europe is active in 25 countries in Europe with subsidiary companies in Belgium, Hungary, Denmark and Great Britain. +



Berdan Group: Producing high-quality bolts



Since 1979 Turkish-based Berdan Civata has been manufacturing all types of Class 10.9 and 12.9 hot dip galvanised, high strength bolts, nuts, studs and similar fasteners – according to national and international standards.

From its 33,000m² factory, with over 280 employees, Berdan is an experienced CE certified fastening component manufacturer serving a number of industries including refineries, petrochemical, machinery, steel construction, structural steel, wind and renewable energy.

Having taken into account the supply and demand of its numerous German and European partners, Berdan has also opened a German headquarters, including a 2,200m² sales and logistic department, to strengthen its competence in the production of durable bolt elements.

Berdan mainly supplies Class 8.8, 10.9 and 12.9 high-quality products in accordance with TSE ASTM, DIN/ISO and BS Norms with ISO EN 10204 3.1 test certificates. The company has also been awarded EN 14399, EN 15048 and ISO 17025 for its test laboratory in Turkey. Berdan states: "These certificates enable us to efficiently supply big businesses in Turkey and worldwide. Berdan Group is your engineering solution." +

www.berdancivata.com

Olfor presenting new products

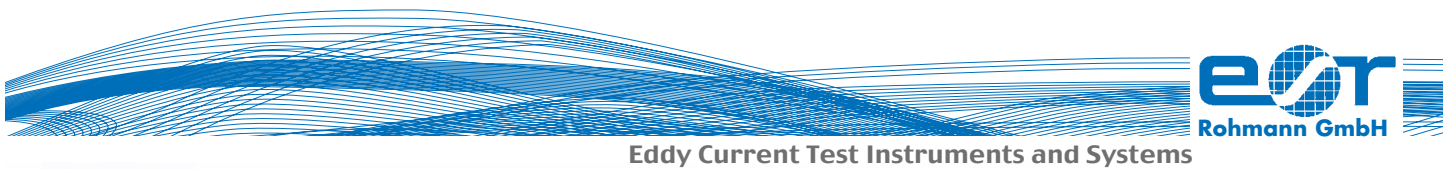


Polish wholesaler of stainless steel fasteners - Olfor - will be showcasing its range of blind rivet nuts, blind rivets, wire inserts, self-drilling screws, as well as pneumatic riveting tool brands Rivol and Accu Tool at this year's show.

As well as its wide offering of products, Olfor will be presenting new products at the show including powder painter blind rivets and a rivet power tool for structural blind rivets.

"Our biggest goal for Fastener Fair Stuttgart is to share theoretical and practical knowledge with the visitors of the show," comments Olfor. "Our idea is quality, price and availability and our specialists will be on hand to devote their time to the presentation of our products. We welcome everybody to our stand, and anyone interested will be able to try all kinds of riveting tools with our product demonstrations."

Samples will also be handed out at the show to emphasise the high-quality of the company's products in a variety of materials, including cage nuts, welding studs, self-clinching studs and nuts. +



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Hall 1 - Booth 856

Thread rolling excellence from SACMA



SACMA Group will present all of its latest innovations and machines on its stand at Fastener Fair Stuttgart, including its new SP451-EL long stroke parts former and RP220 thread rolling machine.

For the production of long parts such as ball pins, ball joints, and tie rods, SACMA Group has built and delivered many extra long stroke headers such as the SP441-EL. This machine is now supported by the new SP451-EL.

Featuring extended characteristics including 2,500kN heading load, 5 dies, 22mm wire diameter cut off, 350mm cut-off length and 300mm DKO, the SP451-EL is also equipped with the patented 'S-Feed' wire feeder.

SACMA will display the stability and durability of the machine through its solid iron one piece cast frame, as well as its precision thanks to the 'S-Feed' and Desmodrive transfer. The new changeover features enables easy setup, and the electronic hand wheel for slow motion jog control makes the machine user-friendly.

A new soundproof enclosure designed for easy maintenance, the plug and play start up ability, along with its many characteristics, gives users the most efficient production at the lowest operating cost over many years of operation.

Also on the same stand, Ingramatic will exhibit its new thread rolling machine model RP220 (W10/TR2) with the starter unit driven by a torque motor, and the bed frame made of pearlitic spheroidal cast iron. Ingramatic used FEM software to develop the new design to identify and counter the stresses caused by thread rolling of heat treated parts and special profiles.

The new drive in RP220 is powered by a high precision planetary gearbox with clutch brake, which is unique for this machine size. This new type of drive with epicyclical reduction gear provides a cascade reduction ratio of the gear and favours higher torque and precision. Since the RP220 is coming from the famous I-Thread family, the feeding rails and the vibratory feeder have the motorisation of the height positioning to facilitate the adjustment according the length of the parts. The slide is machined from high-quality, high strength aluminium alloy bar according to Ingramatic specifications.

The most innovative RP220 feature is the brand new starter unit. Also, the control of the introduction system is obtained by a torque motor and the motion of the introducing slide is realised by means of a linear movement on a guide. The introducer stroke can be adjusted by the operator panel or by means of the optional electronic handwheel – so users don't need to make any manual adjustment with service wrenches, ensuring speed and accuracy of measure change. +

www.sacmagroup.com



SACMA's new SP45-EL long stroke parts former

Eurotec to present latest innovations



Eurotec GmbH will present its latest innovations at Stuttgart including the EiSYS façade system, EiSYS adjusting screw, AG screw tip and the multifunctional deck installation system.

The first innovation on display, the EiSYS façade system for aluminium profiles, is an adjustable screw for the suspension of a load-bearing substructure for ventilated façade constructions. Depending on the subsurface – studding, limestone, hollow chamber brick, concrete or brickwork – the screw is installed with or without anchor. Insulation thicknesses from 60mm to 280mm can be easily handled.

Also on display will be the EiSYS façade/adjusting screw for façade substructures made of wood profiles. The width of the wood profiles has to be at least 60mm with a thickness of at least 40mm. Through both façade screws, wood or aluminium profiles can be attached without an additional panel. There are no limits to the surface design.

In addition, the new AG screw tip of the Paneltwistec blue+ range will also be on display. The special geometry of the AG screw tip considerably reduces the screwing torque, so the screw is easier to screw in. This delivers a reduced splitting effect during screwing compared to conventional screw tips.

Completing its new innovations is Eurotec's multifunctional deck installation system, which introduces the easy way to build patios. +

www.e-u-r-o-tec.de

ACTON: Stainless steel specialists



Founded in 1985 as a French specialist distributor of stainless steel fasteners, ACTON SAS specialises in supplying stainless steel fasteners across Europe and the rest of the world.

In 1997 the business was bought by the French group Emile Maurin – a specialist in industrial supplies. Today, thanks to several warehouse extensions, ACTON can offer a large range of products that includes more than 15,000 references, all available in large quantities.

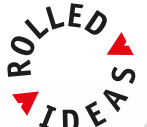
"ACTON offers one of the largest European ranges of stainless steel fasteners including screws, nuts, washers, threaded rods, circlips, pins, rivets, and marine accessories. Our customers can always be satisfied by short lead times – customer satisfaction is key to our corporate culture," comments ACTON.

Quality has always been a crucial factor for ACTON's products and through the skill and the knowledge in the company, it is also committed to offering total service value. In 2006 the company achieved ISO 9001 certification, demonstrating its commitment to satisfying customers' needs with products compliant with the highest quality standards.

ACTON is planning to build a new extension to its warehouse and improve some of its services in 2017. +

www.acton.fr

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A personal approach from MEKR'S

MEKR'S s.r.o is a Czech wholesaler of fasteners, anchor technology, hydraulic systems, and welding equipment – providing business services to a variety of industries including mechanical and electrical engineering, metallurgy, and the automotive industry.

Established in 1994 and based in Úpice, MEKR'S has 40,000 fasteners in stock that comply with DIN, ISO and CSN standards, in a wide selection of diameters and materials. It also supplies items made according to customers' drawings.

MEKR'S offers a wide range of standard to customised items. Products include nails, nuts, bolts, screws, threaded inserts, spring locks, pivot pins, dowel pins, caps, rivets, O-rings, washers, circlips and threaded bar. The company also offers anchoring material – such as wall plugs, chemical anchors, steel anchors and anchor footings – as well as hydraulic fittings and welding machines and accessories.

A wide range of fastening materials and surface finishes are available including special finishes such as GEOMET®, DELTA PROTEKT, DELTA TONE, DELTA-SEAL, and thread sealants such as Eslok®, Tuflok® and Precote.

"We offer a personal approach to every customer and strive to provide above standard sales services, technical support and consulting to achieve maximum customer satisfaction," mentions MEKR'S.

All fastening material undergoes a careful quality inspection process, and MEKR'S performs hardness testing at its internal laboratory on its Wilson Wolpert® 432 hardness tester. Additional tests are also performed in cooperation with accredited testing centres. The company also holds CSN EN ISO 9001:2009 and CSN EN ISO 14001:2005 certification. +

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A complete tooling requirement

By maintaining investment in the latest machines and technology, CTR Carbide Dies has increased its capabilities and capacity and is looking to build on a successful 2016.

Recent purchases over the last two years include new equipment such as CNC mill turn lathes, CNC 5 axis milling machining centres, together with new Form 200 and 300 spark erosion EDM. Lights off production capacity has also been increased leading to improved delivery and lead times.

Along with the advancement in machining technology comes advancement in product verification. This is achieved via new non-contact inspection facilities with touch screen, microscopic video measurement and reporting.

The company also supplies specialist tooling for spring manufacture, swaged tube ends, press tools, injection moulding tools, punches, feed fingers, plus general machining requirements. All tooling is laser marked facilitating more die information to be added.

With over forty years of fastener tooling manufacturing experience, CTR Carbide Dies Ltd specialises in manufacturing extrusion tooling and complete die sets for the fastener industry. The company also supplies other sectors including automotive, aerospace, defence, construction and the wind turbine industry.

Customer support is also provided with quick turnaround for modified and refurbished tooling through to a CAD/AUTCAD/3D modelling tooling and die design consultancy. Full traceability comes as standard providing feedback of customer order progress.

CTR Carbides Dies holds accreditation to BS EN ISO 9001 and AS EN 9100 aerospace standards. +

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Inspection and forging tools at Stuttgart



Lazpiur will be displaying its range of fastener inspection machines at Fastener Fair Stuttgart including the BEGItech GRT machine – designed to inspect parts on a glass plate with surface defect control, 360° thread control, and heat treatment control.

Lazpiur S.A will also be demonstrating its position in the production of fastener inspection machines, with cutting edge technology in the company's part inspection/sorting machine ranges including dimensional vision inspection, surface defect analysis with photometry, mechanical checks of mountability/go – no go, and eddy current to check for cracks and/or verification of heat treatments. All of these are managed by one single software system, which is applicable to the various types of machines.

Lazpiur is also a leading player in the forging tools sector and will have a wide range of forging tools on display at Stuttgart.

The company has also broadened its range of cold forging products in recent months with new types of dies based on new technological developments. The benefits of this new technology include manufacturing cost savings, which can be of special interest to the automotive sector. +





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Machine	Top-Cut 10 D	Top-Cut 16 D	Top-Cut 33 D
Thread dimension	M5 - M10	M5 - M16	M16 - M33
Number of spindles	2	2	2
Max. outside diameter of parts	25 mm	32 mm	60 mm
Max. width across flats (hexagon nuts)	22 mm	27 mm	50 mm
Power of spindle motor	4 kW	9,7 kW	13,2 kW
Speed range	400 - 5000 rpm	400 - 5000 rpm	200 - 1600 rpm
Max. output (square/hex nuts)	19.700 pcs/h	19.700 pcs/h	5.950 pcs/h
Max. output (flange nuts)	11.090 pcs/h	11.090 pcs/h	3.530 pcs/h