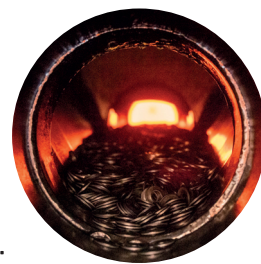


IN-HOUSE PRODUCTION FOR OPTIMISED AND CUSTOMISED FASTENING SOLUTIONS



There are many ways to increase the efficiency of a washer manufacturer: Investing in cutting-edge technologies and treatments, creating a flexible service, offering customised washer solutions and working with experienced engineers... all of which are important factors to take into account when organising production.

Growermetal aims to realise them through its in-house manufacturing process.

Founded in 1950, Growermetal is a leading manufacturer of security washers, spring washers and blanked parts according to customer's specification. Based in Calco, in the North of Italy, the company has always been run by the Cattaneo family, which has created an increasingly centralised service.

The intent is to reach higher levels of flexibility, whilst enhancing product quality as the continuously evolving fastener market requires. In a fast moving industry focused on continual technical innovations, Growermetal offers reliable washer solutions for a broad spectrum of application fields. These include automotive, railway, aerospace, electromechanics, construction, oil and gas, transportation and power generation.

In order to meet the needs of every industry sector, nowadays the overall production has over 4,500 washers manufactured according to DIN, UNI, ASME, NFE and other international standards and more than 2,500 washers and special parts manufactured according to customer specifications.

Part of this broad production range will be at the centre of the company's participation in the next Fastener Fair Italy, which will take place from 30 November to 1 December 2022 at Fiera Milano City. The showcase dedicated to the fastener and fixing industry represents an opportunity to strengthen the relationship between Growermetal and all its stakeholders, introducing some of the latest products of the security washer range. This is particularly important since the event and the innovative products displayed will attract national and international visitors from various manufacturing fields, connecting professionals worldwide.

In fact, the presence of the company extends far beyond the Italian boundaries. Counting on 70 years of history and having two international sales branches in Brazil and North America, Growermetal has become a consolidated presence in the international scene, with a process that is IATF 16949, ISO 9001, ISO 14001 and EN 9100 certified.

These results have been achieved thanks to investments that have improved the in-house manufacturing process. From design to blanking, coining, wire rolling and treatments, every department is connected and every stage is monitored to create high-quality products according to the optimum quality standards.

The benefits of this system are several: production and delivery times are shorter, efficiency is implemented, the 360° monitoring combined with the quality laboratories guarantee the same excellence at every stage and, finally, the overall service opens the way to new possibilities of customisation.

Talking about flexibility, the tooling department is equipped with CAM-CAD applications and cutting-edge technologies including CNC drilling-milling machines, EDMs, CNC grinding machines and CNC lathes, in order to achieve the highest precision of the mould and the parts produced.



More than 7,000 different washers, all made in Italy, are manufactured by Growermetal

Furthermore, together with the outsourcing processes such as galvanic zinc plating, zinc-nickel plating, nickel plating, copper plating and phosphating, Growermetal offers two flagship in-house treatments: the mechanical zinc plating and the zinc flake coating. High-quality and high-performance coatings which use respectively original MacDermid® chemicals and original Dörken products, providing a broad range of base-coats and top-coats.

Last but not least, another strength of the business lies in the experienced team of experts and engineers which adds value to any project, from concept to production. These professionals help the company to maximise efficiency, finding the most functional designs and materials, saving precious time and reducing costs, while maintaining quality and customisation of every product.

These all contribute to the customer's involvement during the different stages of the process: working side by side with partners allows the company to study, design and manufacture tailored projects, building a mutual trust and a long-lasting relationship.

At the same time, the company pushes towards enhancing service to its supply chain. The automated warehouse is a key element when looking for an optimised handling of the goods and an efficient packing service: located inside the headquarters, the storage department completes the synergy and the automation of the different areas of Growermetal.

From the selection of raw materials to the finished product, Growermetal's widely verticalised manufacturing process represents the expression of the company values and objectives: a model that puts efficiency at the centre, in order to create a business based on productivity, reliability and high-quality service.

www.growermetal.com

BROADEN YOUR SAFETY PERSPECTIVE



Automotive, railway, electromechanics, aerospace, oil and gas, agricultural and industrial machines, power generation and transportation.

Running along the railways or flying across the sky, every product is designed to adapt and evolve according to your specific needs. Through a versatile choice of configurations, diameters and materials, our washers are ready to deal with the most challenging applications.

Growermetal's wide portfolio of safety washers is successfully used all around the world, bringing innovation in every sector.



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