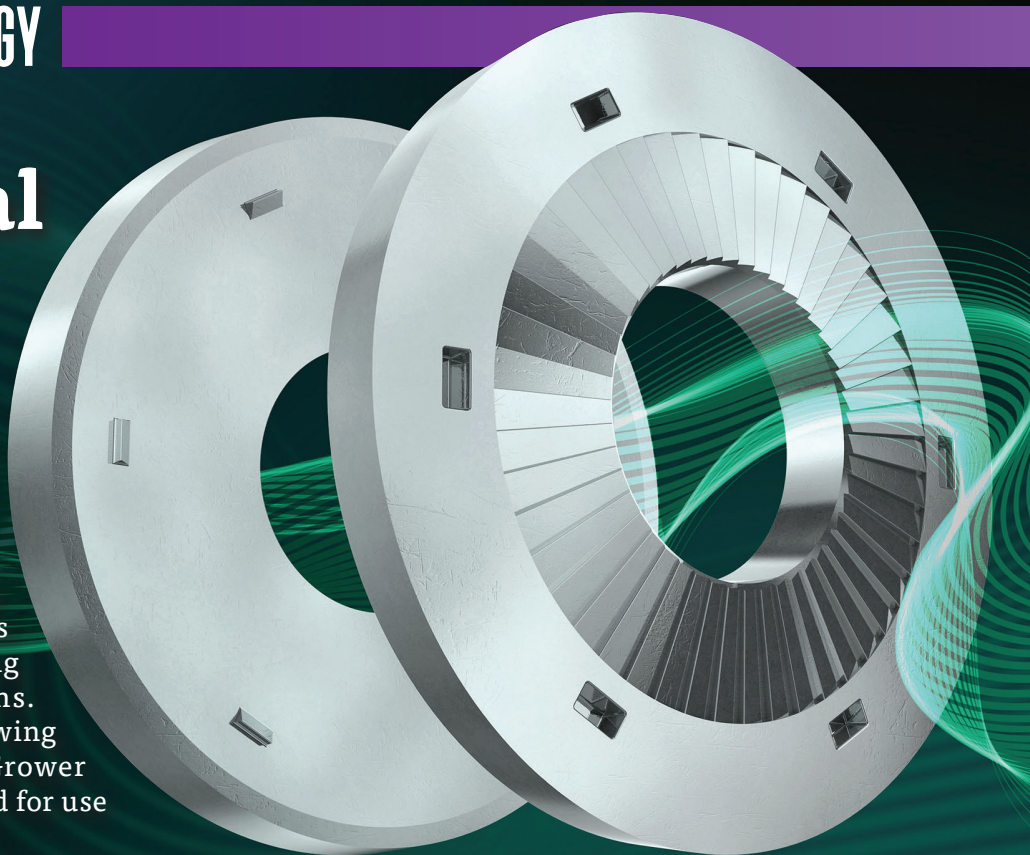


Growermetal unveils its latest innovation

In recent years, the sudden rise in demand for Electric Vehicles (EVs) has caused significant challenges for fastener manufacturers, pushing the need for innovative solutions. Growermetal aims to meet these growing demands with the launch of its Grower OhmLock® conical washer, designed for use in EV battery packs.



Grower OhmLock® strikes a balance between electrical conductivity and corrosion resistance. Crafted from quenched and tempered carbon steel, the washer features two sides with distinct geometries – the top surface has knurling, while the underside includes inner sharp protrusions. This dual-sided design makes it particularly effective for fastening the battery pack to the vehicle chassis, as well as for car underbody applications, where exposure to weather conditions and high-levels of vibration pose significant challenges.

“Grower OhmLock® was engineered in partnership with Brugola OEB with the goal to avoid oxidation and loosening over time in the bolted joint connections for EV battery packs. Its geometry secures the components without damaging paint coatings, while minimising the risk of external corrosion. The result is a product that prevents failures or malfunctions, ensures a smooth and uninterrupted power flow, as well as maintains low electrical resistance,” explains Paolo Cattaneo, CEO of Growermetal SpA.

He continues: “Grower OhmLock® is the result of extensive research and collaboration across our development team and one of our important automotive bolt maker customers.”

Consolidating its European network

Whilst the launch of the Grower OhmLock® is a major milestone for Growermetal this year, there have also been other important

achievements. To enable an expansion of its international services, the business has broadened its sales network by opening a new office in Germany in October – Growermetal Germany GmbH.

“The fact that Growermetal sells an important percentage of its goods to German customers was the deciding factor in opening a branch here,” explains Klaus Vogt, general manager of Growermetal Germany GmbH. “The proximity to our customers throughout Europe can thus be improved and there will be a central contact person in the future.”

With participation in important European trade shows, combined with a rooted presence in the US and South American markets, this achievement aims to strengthen Growermetal’s support to European customers, with a focus on the German, Swiss and Austrian areas. Klaus continues: “Thanks to a network that has been built up over many years, we are able to speak to the right contacts and thus find out what the market demands. In order to develop suitable products, it is important to stay in dialogue and be present at the right events.”

The opening is also strategical in making partners aware of the company’s solutions and offering. “The fasteners we produce are world leaders in many ways, but if the market is not aware of our solutions, we cannot solve their fastening problems. The basic goal is to further make the Growermetal brand known in Germany and Europe. To do this, we will first intensify relationships with our existing customers and inform them about new products, approvals and everything important,” concludes Klaus. +

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