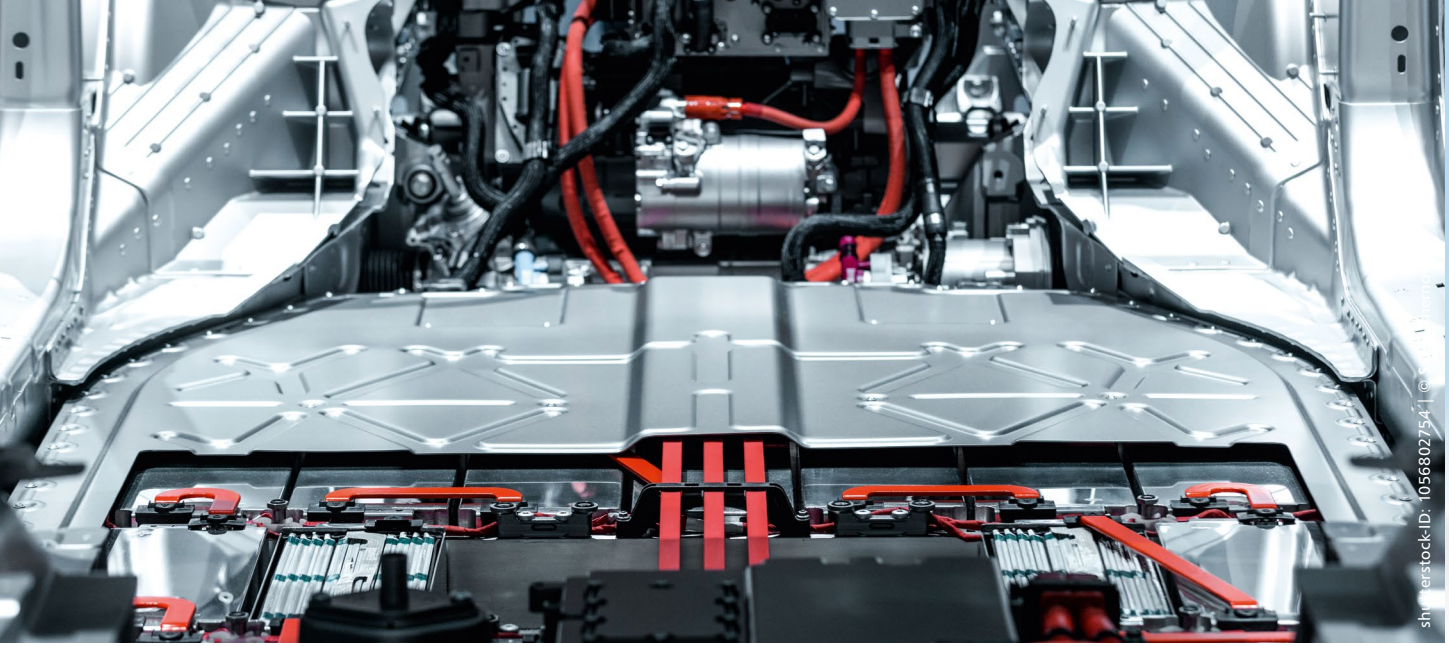
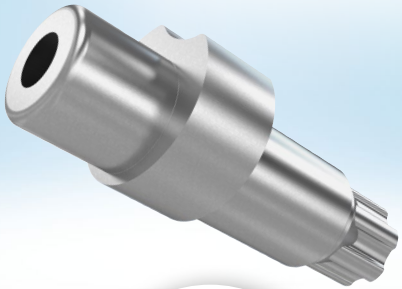


ARNOLD®
BlueFastening Systems



ARNOLD TV PRESENTS ARNOLD TV PRÄSENTIERT

Conform®

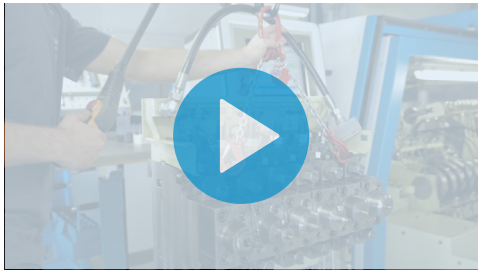
Cost-optimised multi-function parts

The market's demands

- Reducing overall fastening costs
- Reducing small parts management
- Optimising installation space
- Reducing weight
- Greater call for better material pairings
- Multi-functional fastening technology
- Reducing assembly time
- Wide variety of application options

ARNOLD provides the solution

Conform®
Cost-optimised
multi-function parts



Watch how Conform® works

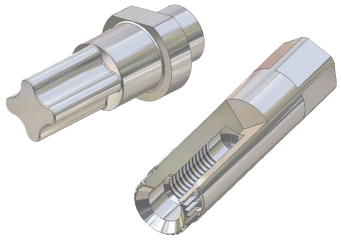
ARNOLD UMFORMTECHNIK provides an extensive selection of videos and animations. Just scan the QR code above or visit our website and click on our Youtube channel ARNOLD TV.

www.arnold-fastening.com

Conform®
Diverse range of products

Conform® - precision parts

We use the latest high-gloss polished and coated forming tools for the cold-forming process. This means we achieve very high accuracy. Some examples of Conform® precision parts: Drive shafts for small to medium-sized electric motors (e.g. for windshield wipers, window winder, seat adjuster), bearing bushes, locking pins, ABS functional parts, ESP functional parts.



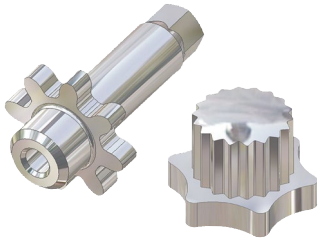
Conform® - hollow parts and nuts

Manufacture by machining is battling against the rising cost of materials and long machining times. That's why many companies are finding our forming process for hollow parts of increasing interest. We have other forming options for machine-finishing in-house. Our cold-forming process is distinctive - including for thin-walled hollow parts because of: rolled (chip-free manufacture) external and threads suitable surfaces for maximum corrosion requirements.



Conform® - toothed parts

Toothing is a frequent design element. They are complex in geometry, and their manufacture requires heavy machine use. Previously, toothed parts were mainly manufactured in a cutting process with a finishing process that followed the heat treatment stage. But we produce toothed parts in a cold-form process, thus providing the following benefits: customer-specific external geometries, greater endurance strength, greater mechanical load resistance, press-smooth surfaces and much more.



Conform® - bushes

Lightweight structures in the automobile industry demand savings in materials and weight, while using materials and components with high load capacities. Plastic-moulded bushes take account of this development. They reinforce the plastic, make weak points for load-bearing functional elements and receive the pre-load forces of screw fastenings. The use of aluminium bushes saves even more weight, providing sophisticated solutions when combined with TAPTITE 2000® thread-rolling screws.



Technical advantages of Conform®

- Customer-specific geometries
- Weight-saving
- Materials selected individually
- Long-lasting fastening solutions
- Multi-functional fasteners
- Combine with ARNOLD's range of products
- Mass production checks at early stage

Commercial advantages of von Conform®

- Up to 80% cost saving
- Reduces component diversity and parts handling
- Efficient solutions for the requirements profile
- Reducing assembly time
- Reduces development time with Fastener Express

Learn more
about Conform®, cost-optimised multifunction parts, and its applications

www.arnold-fastening.com

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