

CapTec[®]

Preassembled fastening systems
for increased efficiency

- + High assembly reliability
 - + Joining in multi-material mix
 - + High load resistance in the fastening
 - + Shortens the assembly time
 - + Reduces number of parts and handling of parts
 - + Prefabricated component assembly
- ➔ www.arnold-fastening.com



CapTec® – Preassembled fastening systems for increased efficiency

The unique CapTec® fastening system brings new momentum to your processes. Using CapTec® noticeably shortens assembly times straight away. Assembly costs decrease as a result which in turn means a reduction in the number of suppliers and consequently a reduction in small parts management.

The market challenges

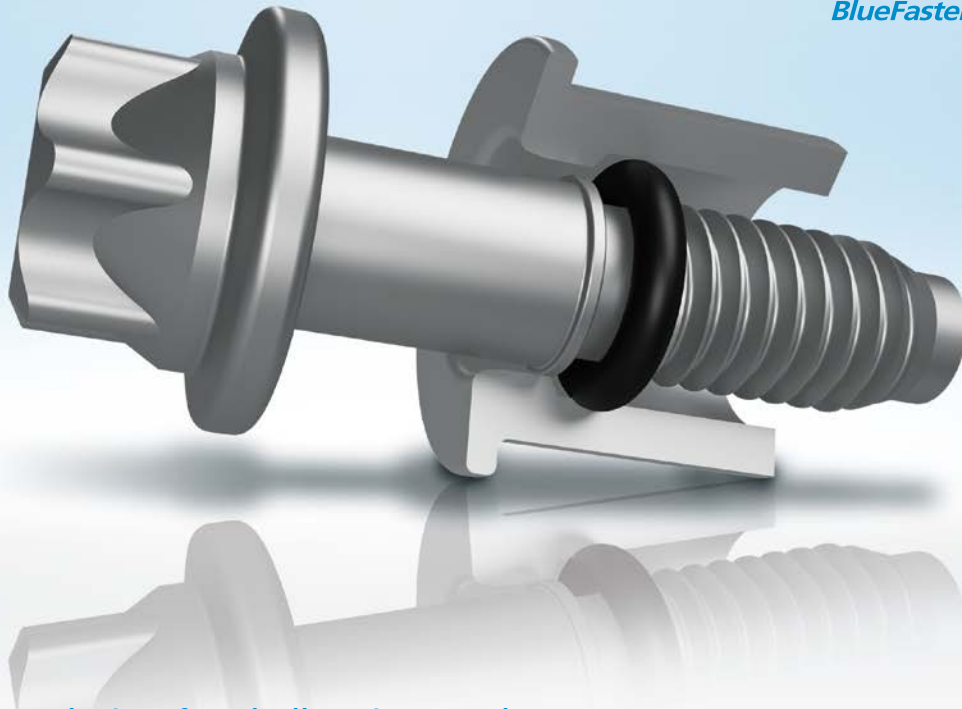
- ⊕ Shortening the assembly time
- ⊕ Reducing the assembly costs
- ⊕ Reducing the number of suppliers
- ⊕ Reducing small parts management
- ⊕ Simplifying the assembly process
- ⊕ Lowering overall fastening costs
- ⊕ Selecting the screw design
- ⊕ Requirements for press-out force, assembly clearance and thread end projection length

CapTec® proves its value in actual use

CapTec® is used in many areas, primarily in the automotive industry but also in machine construction. The advantages of CapTec® are particularly evident in overhead screwing (e.g. when screwing in the oil sump) where the preassembled fastening system makes handling a lot easier.

When combined with a support sleeve, CapTec® is ideal for use where sleeves are integrated in plastic parts. CapTec® completely covers the load transfer and surface pressure requirements of the components. Here too, ARNOLD UMFORMTECHNIK offers the additional option of captive screw placement, thus creating significant added value for the customer.





CapTec[®] – the solution for challenging markets



Screw and sleeve with additional element

Elements made of screw and sleeve which are fastened together with a plastic ring. The plastic ring allows high flexibility and enables disassembly in case of repair.



Screw and sleeve without additional element

The cost-efficient version: screw and sleeve are stamped together without additional element.

Technical advantages

- ⊕ High degree of prefabrication
- ⊕ High assembly reliability
- ⊕ Integrated radial tolerance compensation
- ⊕ Joining in multi-material mix
- ⊕ Transport protection for thread
- ⊕ High load resistance in the fastening

Commercial advantages

- ⊕ Shortens the assembly time
- ⊕ Reduces number of parts and handling of parts
- ⊕ Efficient solutions according to requirements specification
- ⊕ A system from a single source
- ⊕ Prefabricated component assembly

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The ARNOLD GROUP

Wherever customers need us.

The ARNOLD GROUP

ARNOLD – this name is internationally renowned for efficient and sustainable fastening systems on the highest level. With a foundation of many years of expertise in the production of intelligent fastening systems and very complex extruded parts, the ARNOLD GROUP has developed over a number of years into a comprehensive supplier and development partner for complex fastening systems. With our positioning of “BlueFastening Systems” this development process will continue under a united and harmonized structure. Engineering, fasteners, and functional parts, together with feeding and processing systems, all from a single source – efficient, sustainable and international.



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