



Sealing

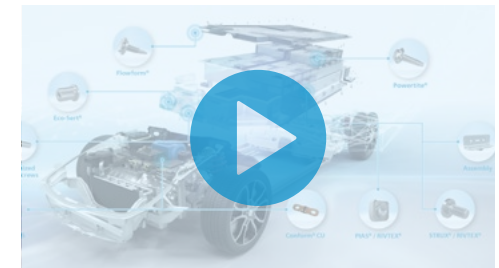
Validation and optimisation of joints that need to be sealed

The market's demands

- ⊕ Sealing validation
- ⊕ Minimal sealed surface
- ⊕ Corrosion resistance
- ⊕ Sealing as a safety feature
- ⊕ Maximum sealing performance despite minimal permitted surface pressure
- ⊕ Multi-material mix
- ⊕ Flexible adaptability to differing ambient conditions
- ⊕ Repeatability of assembly

ARNOLD provides the solution

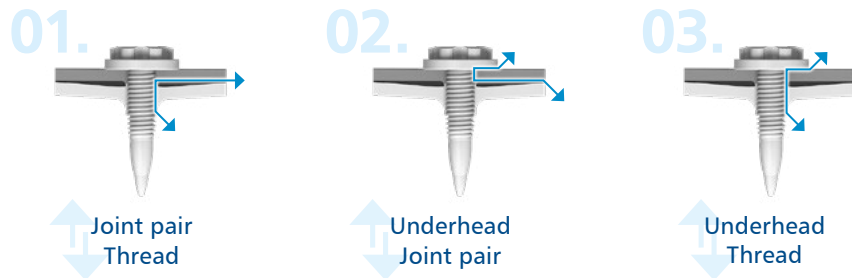
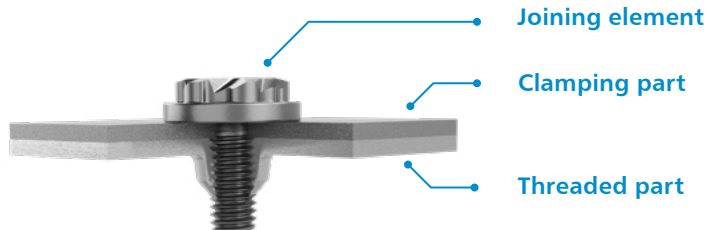
Individual sealing systems and testing options



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Sealing

SEALING FROM VIEWPOINT OF APPLICATION



OPTIONS FOR LEAK DETECTION IN PRACTICE



Test gas method



Differential pressure method



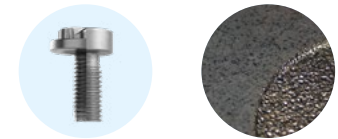
Water column method

The technical advantages of our testing equipment

- + Flexibility with regard to sealing level
- + Customized technical advice
- + Measuring instrumentation referenced to DAkkS
- + Weak point detection together with joining point optimization
- + Detailed test report
- + Identification of optimal sealing concepts

Sealing performance

THE INFLUENCING FACTORS ON JOINT CONNECTIONS



→ Influence of fastener and joining partners



→ Influence of assembly process and joining design



Learn more
about validation and
optimisation of joints that need
to be sealed
www.arnold-fastening.com