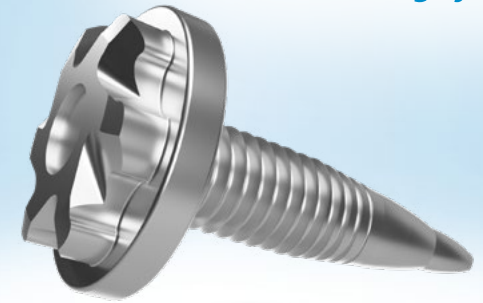




shutterstock-ID: 1459443830 | © Craveleo

**ARNOLD**<sup>®</sup>  
BlueFastening Systems



## Flowform<sup>®</sup>

### The innovative sheet metal fastener

#### The market's demands

- + Reducing assembly time
- + Reducing assembly costs and the number of variants
- + CO<sub>2</sub> Reducing
- + Flexibility of the system for a wide variety of applications
- + Higher manufacturing tolerance requirements and mechanical joining processes

#### ARNOLD provides the solution

### Flowform<sup>®</sup> The innovative sheet metal fastener

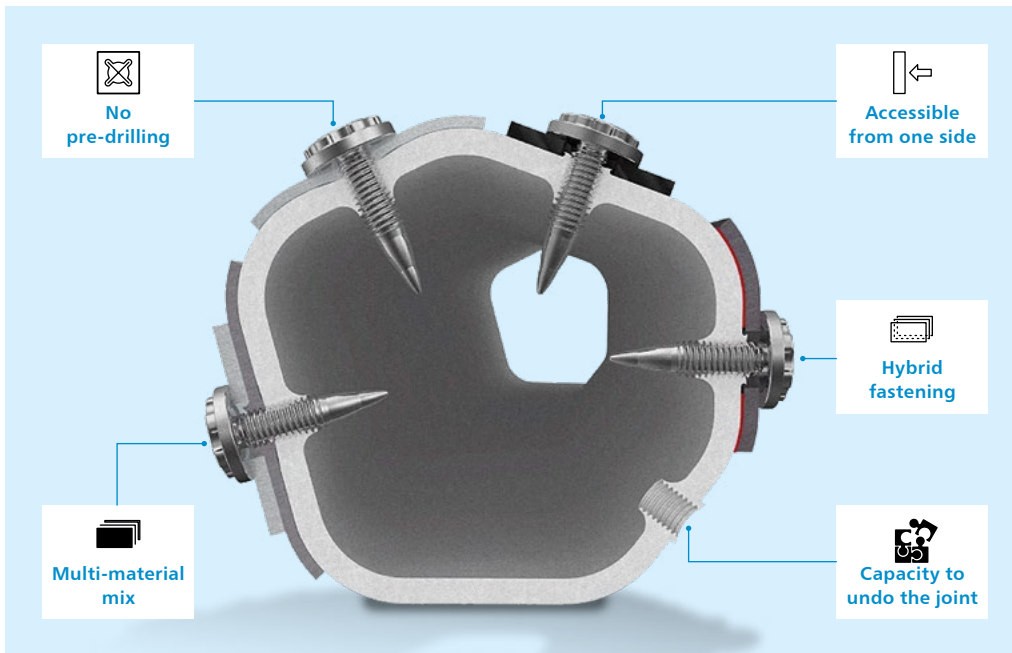


#### Watch how Flowform<sup>®</sup> works

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](http://www.arnold-fastening.com)

# Flowform® applications



## Technical advantages of Flowform®

- ⊕ A joining technology with single side access
- ⊕ Manual screwdriving can be deployed in fully pre-drilled combination
- ⊕ Fastening process on non predrilled clamping parts
- ⊕ Very good fastening performance
- ⊕ Detachable fastening
- ⊕ Can join materials of different types and of the same type with cycle time for join < 4 sec.

## Commercial advantages of Flowform®

- ⊕ Saves on upstream processes
- ⊕ Efficient solution saves additional costs
- ⊕ Reduces number of parts, handling of parts and the amount of installation space required

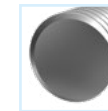
# Flowform® structure



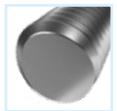
**Force application**  
Simplified locating process and good torque transfer



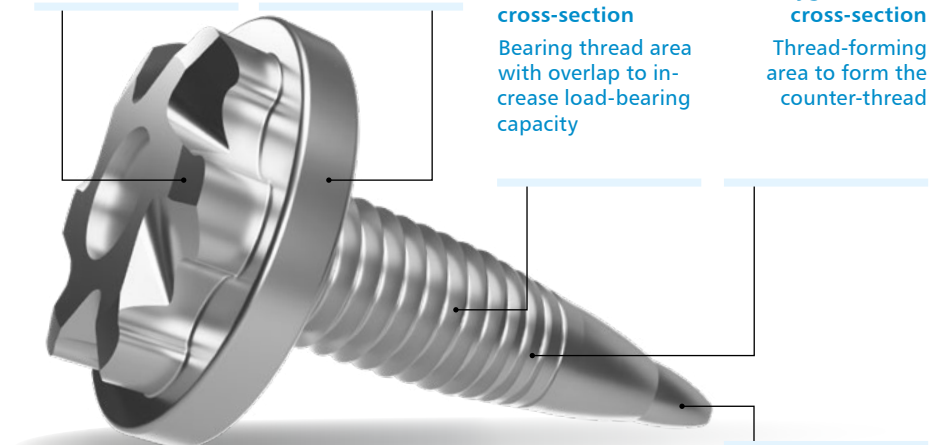
**Undercut**  
Recess to accept rising material as the joint is made



**Round shaft cross-section**  
Bearing thread area with overlap to increase load-bearing capacity



**Polygonal shaft cross-section**  
Thread-forming area to form the counter-thread



**Polygonal tip cross-section**  
Tip geometry reduces cycle times when forming holes



**Learn more**  
about Flowform®, innovative sheet metal fastening solutions and possible applications

[www.arnold-fastening.com](http://www.arnold-fastening.com)