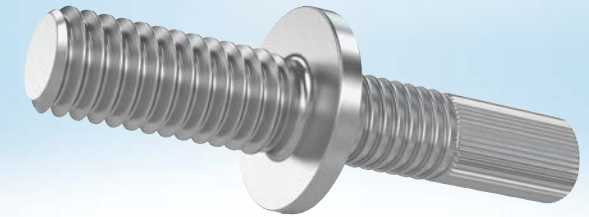




shutterstock-ID: 1836241678 | © PHOTOCREO, Michal Bednarek



## TriPress®

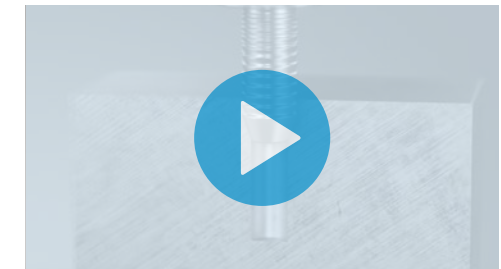
Reduces assembly time by up to 75%

### The market's demands

- + Reducing assembly time
- + High assembly reliability
- + Short cycle times in component manufacturing
- + Robust assembly processes
- + Fastener comes in various designs
- + Lower assembly costs
- + Alternative joining technologies
- + Wide variety of use options

ARNOLD provides the solution

**TriPress®**  
Rapid fastenings with  
self-clinching screws



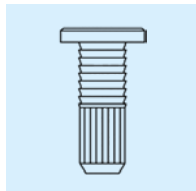
Watch how TriPress® works

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)

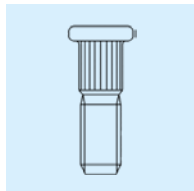
## Versions and designs for every requirement

### ↓ VERSIONS



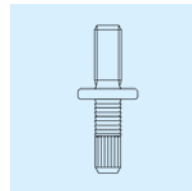
#### Head version

- ② Fixing PCBs
- ② Load fixing eyes
- ② Fixing LED modules



#### Connecting fastener

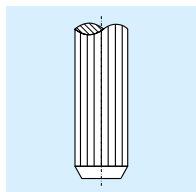
- ② Seat adjuster
- ② Earth connection to alternator cooling element



#### Center-collar version

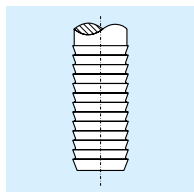
- ② Rear lights on automobile
- ② Fuse box

### ↓ DESIGNS



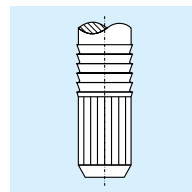
#### RAA axially parallel knurls

- Triangular shank and axially parallel knurls
- ② **high torsional strength**



#### Circumferential locking flutes

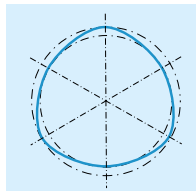
- Circumferential locking flutes on triangular shaft
- ② **high pull-out resistance**



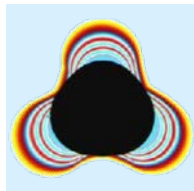
#### Flutes / knurl combination

- ② **positive-fit fastenings**
- ② **high torsional torques**
- ② **high pull-out forces**

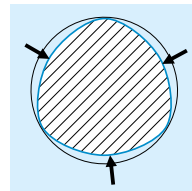
### ↓ FASTENING TECHNOLOGY



#### Polygonal cross-section



#### Stress distributed within component



#### Material spring-back in the relief niches

### Technical advantages of TriPress®

- ② Permanent fastening
- ② Variety of combinations
- ② Reliable press-fit process
- ② More installation space
- ② Tolerance compensation
- ② High torsional strength
- ② Low contact pressure
- ② High pull-out forces
- ② Low assembly costs
- ② Assembly time reduced by up to 75 %

### Commercial advantages of TriPress®

- ② Cuts assembly time and costs by up to 75 %
- ② Reduces number of parts and handling of parts
- ② Efficient solution without ancillary elements
- ② Reduces the amount of installation space required
- ② Economical processing technology



Learn more about the triangular rapid fastener system TriPress® and its applications

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