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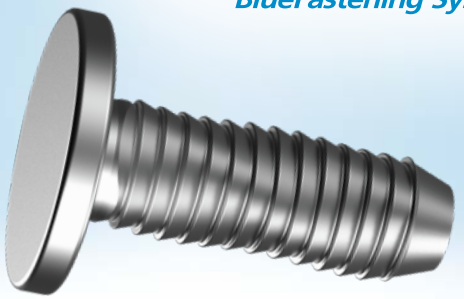
ARNOLD®
BlueFastening Systems



ARNOLD TV PRESENTS ARNOLD TV PRÄSENTIERT

# TriPress® Plus

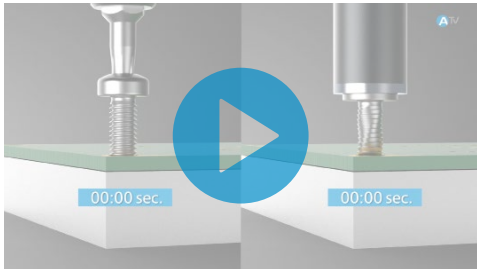
## Great reduction in assembly time

### 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® Plus**
Rapid fastenings with clinch fasteners



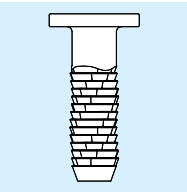

### Watch how TriPress® works

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**

# TriPress® Plus
## Versions and designs for every requirement

### VERSIONS

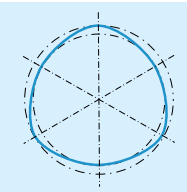


**Head variant:**
**TriPress® Plus K**

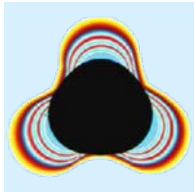
The TriPress® Plus head variant with circumference grooves on the triangular shaft helps to ensure rapid and torsion-free fastening of components. A low pre-clamp load is achieved by the elastic deforming in the clamping part.

- **Very high pull-out forces**
- **Rapid fixing of clamping part**

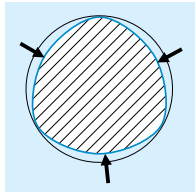
### DESIGNS



Polygonal cross-section

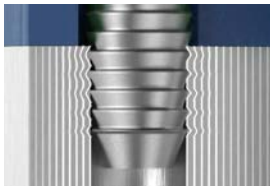


Stress distributed within component

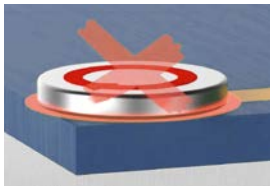


Material spring-back in the relief niches

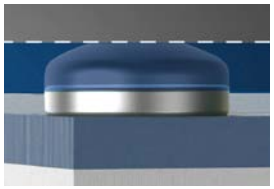
### THE ADVANTAGES OVER SCREW FASTENINGS



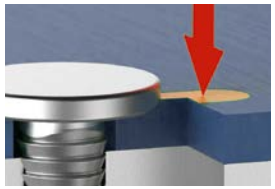
Load-carrying and positive-lock fastening



No torsion stresses on the circuit board



Overall height reduced by up to 70%



Ground connection PCB / bolt possible

### Technical advantages of TriPress® Plus

- Permanent fastening
- Variety of combinations
- Reliable press-fit process
- Low installation space
- Tolerance compensation
- High torsional strength
- Low contact pressure
- High pull-out forces
- Low assembly costs
- Great reduction in assembly time

### Commercial advantages of TriPress® Plus

- Great reduction in assembly time and costs
- Reduces number of parts and handling of parts
- Efficient solution without ancillary elements
- Saving costs by reducing size
- Economical processing technology

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

**www.arnold-fastening.com**

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