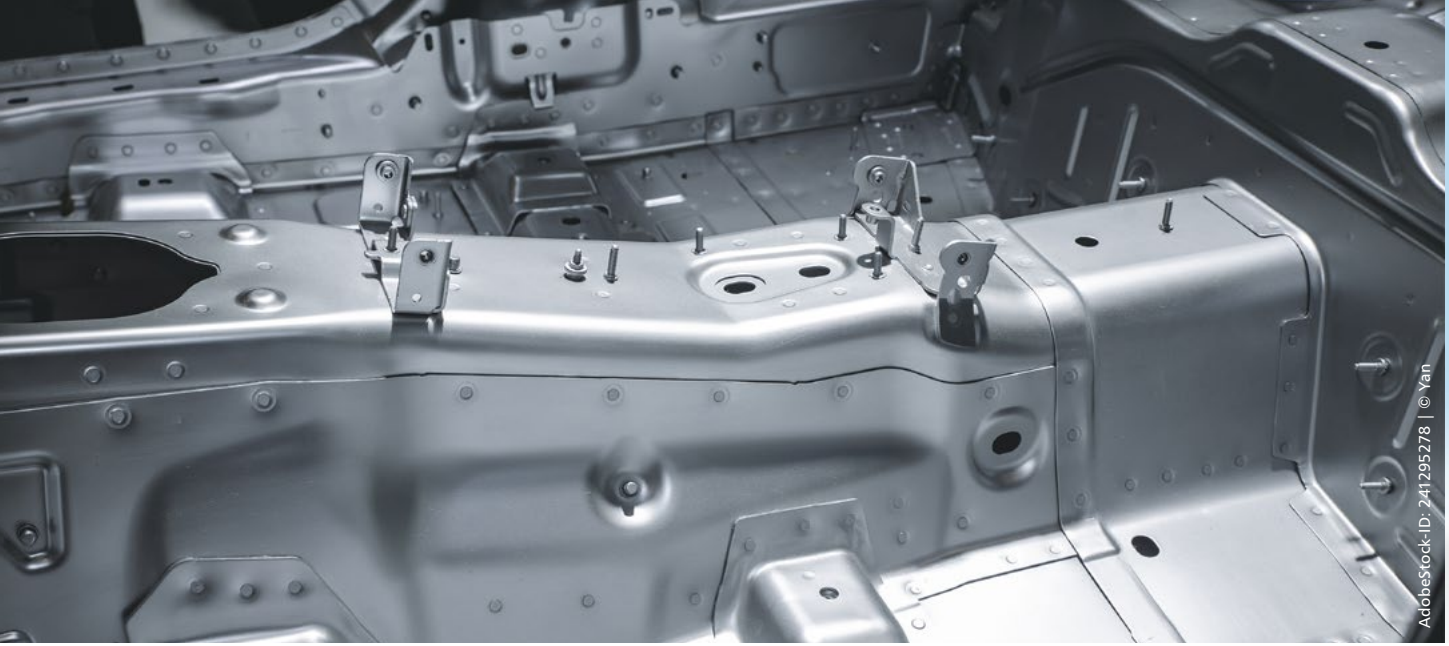


ARNOLD®
BlueFastening Systems



ARNOLD TV PRESENTS ARNOLD TV PRÄSENTIERT

Strux HM™

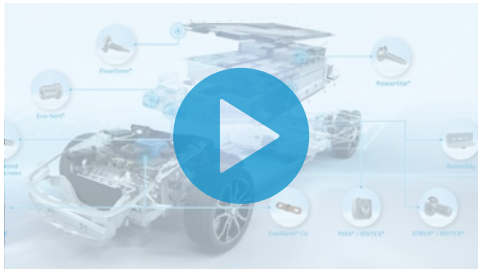
Flexible joining with precision and a high potential for variant reduction

The market's demands

- Limiting the number of variants
- Reduction of overall connection costs
- Weight reduction
- Hybrid material pairing
- Assembly, product and operational safety
- Flexible joining technology
- Processing technology and elements from a single source
- Global Availability & Support
- Electrification

ARNOLD provides the solution

With **Strux HM™**, ARNOLD connects precision and efficiency. The innovative technology supports flexible connections, reduces costs and guarantees maximum process reliability - a solution that meets the highest standards.

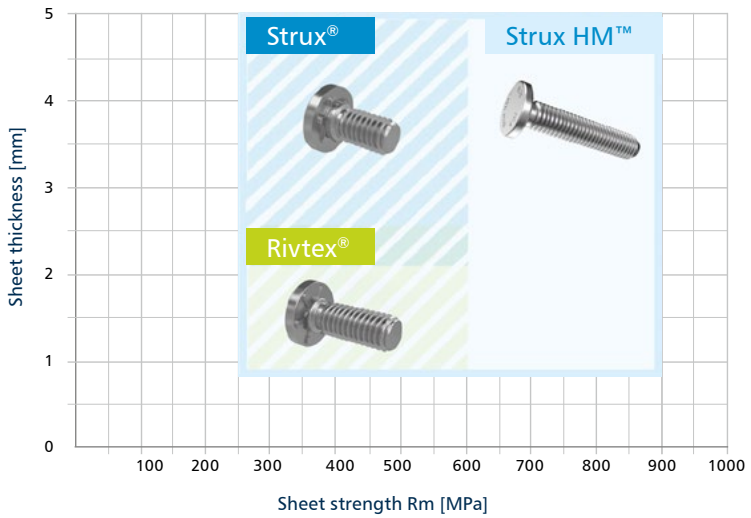


ARNOLD UMFORMTECHNIK provides an extensive selection of videos and animations. Just scan the QR code above or visit our website and click on our Youtube channel ARNOLD TV.

www.arnold-fastening.com

Strux HM™
Areas of application

Application areas of the ARNOLD press-in screws



Rivtex®

Sheet thickness
0,75 - 2,5 mm

Material
250 - 600 MPa

Strux HM™

Sheet thickness
from 0,75 mm

Material
250 - 900 MPa

Strux®

Sheet thickness
from 2,0 mm

Material
250 - 600 MPa

Strux HM™ specific areas of application

Automotive
- Tunnels
- Interior door panels
- A/B/C columns
- Wheel arches

Industry
- Sheet metal cladding
- Fan cover
- Weld-in plates
- Thermoformed parts





Commercial advantages

- Reduction of overall connection costs
- Avoidance of emissions through optimized joining process
- Flexible processing technology
- Element and processing technology from a single source
- Global availability

Technical advantages of the Strux HM™

- High corrosion resistance
- No thermal influence on the joints
- Sheet thicknesses from 0.75 mm
- Various surface systems
- Containment of the variety of variants
- Extension of application boundaries
- Enables hybrid connections
- High over-torques due to underhead geometry
- Flexible joining into various materials (up to 900 MPa „Rm“)
- Process reliability in assembly and operation
- Short cycle times < 3s
- Flexible processing technology
- Variable tip geometries
- Available in sizes M5-M10 (other dimensions on request)
- Only in 10.9. Strength class available
- IPX7 water resistance possible

Learn more
about Strux HM™, cost optimized multifunctional parts and their applications.

www.arnold-fastening.com

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