

Tension Bands for transportation technology



Easy handling and perfect matching functionality – this is how we design and produce products at HoKon. In accordance with the engineering department we develop products, that have hardly any limits.

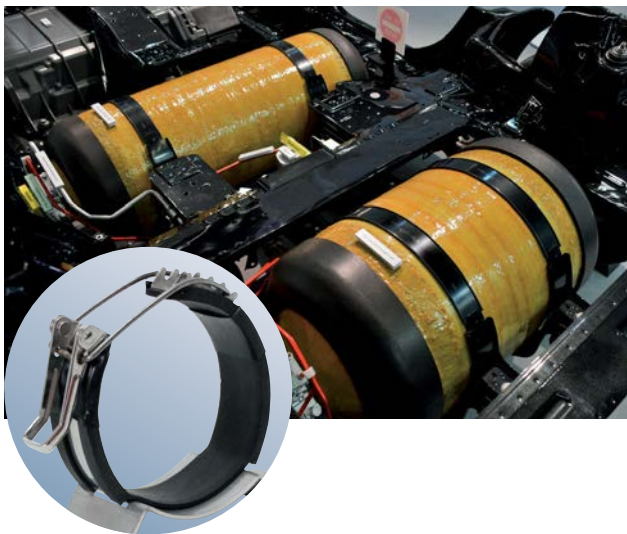
We follow your wishes and requirements while advising you with choosing the best closure system, the length and width or material of the band.

We solve your problem accurately regardless of the number of pieces.

On the following pages of this brochure we would like to give you an insight into the possibilities, which can be made with your wishes and our knowhow.

We are happy to advise you!

Tension bands used in H2 and CNG tank systems



Our tension bands made of robust steel strip provide an optimum fastening options for the pressure vessels in hydrogen and natural gas tank systems.

By fastening the pressure vessels are protected against external influences such as acceleration forces. By fastening with two tension bands (clamping straps) the directive ECE R110 (annex 5) is fulfilled.

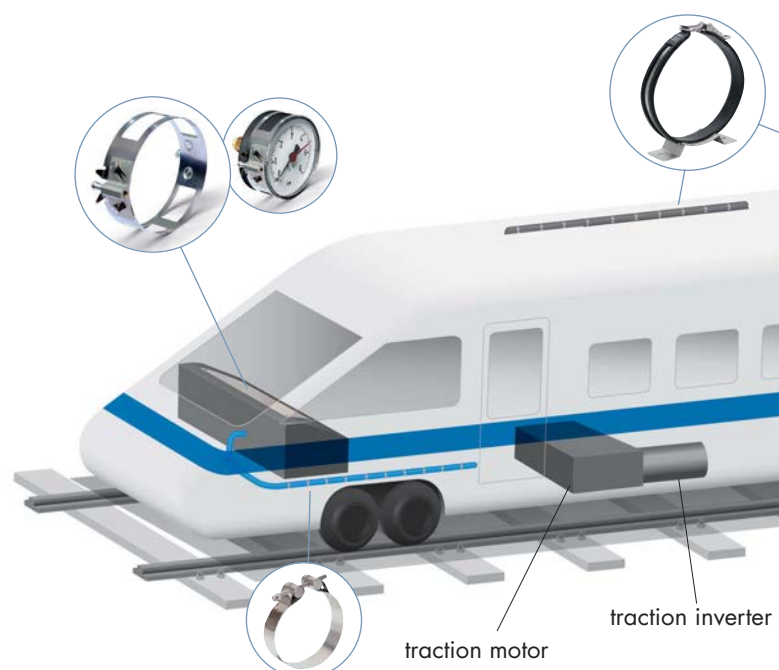
We offer the possibility to develop the tension bands together with the customer according to his requirements. We are able to offer tension bands of various dimensions (length, width and thickness), with or without brackets, and on request also with a plastic coating.



Advantages:

- ✓ fulfil ECE R110 (annex 5)
- ✓ Customize to requirements and develop with the customer
- ✓ Variable in length, width and thickness
- ✓ From samples over small series up to series production
- ✓ With or without bracket
- ✓ Plastic coating for careful fastening

„Individual products



Tension bands used in fuel cell stacks

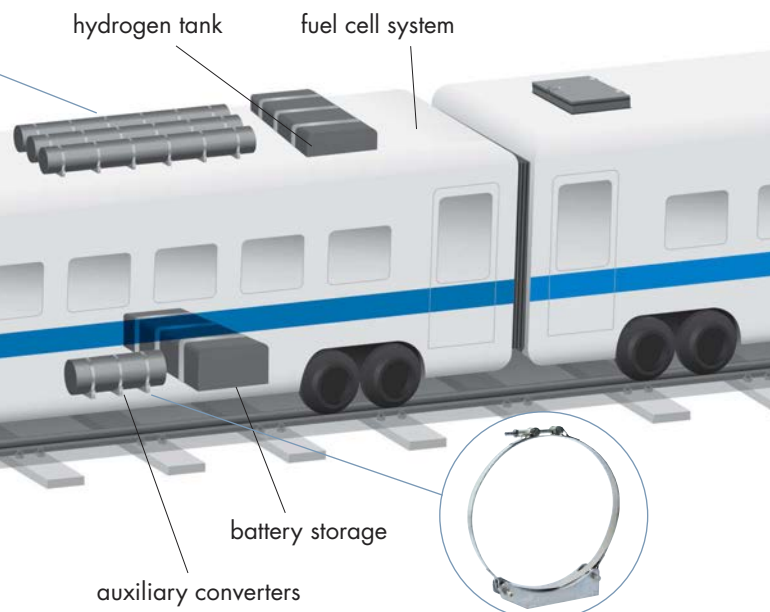
The use of our tension bands in fuel cell stacks leads to a good all-around cohesion of the whole system, which can have a positive influence on the stack power density. The resistance to pressure changes, vibrations and shock loadings are also increased.

Offering different closure options, our tension bands can be used variable. Thus, it is possible to use the same tension band in fuel cells with different stack heights.

The development of customized tension bands are almost without limits.



are our strength!"



Advantages:

- ✓ Development with the customer according to his requirements
- ✓ adaptable to stack height
- ✓ different closures can be used
- ✓ with or without plastic coating
- ✓ from sample, small batches to series production
- ✓ variable in length, width and thickness

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