Mechanical expansion coupling

Series 260

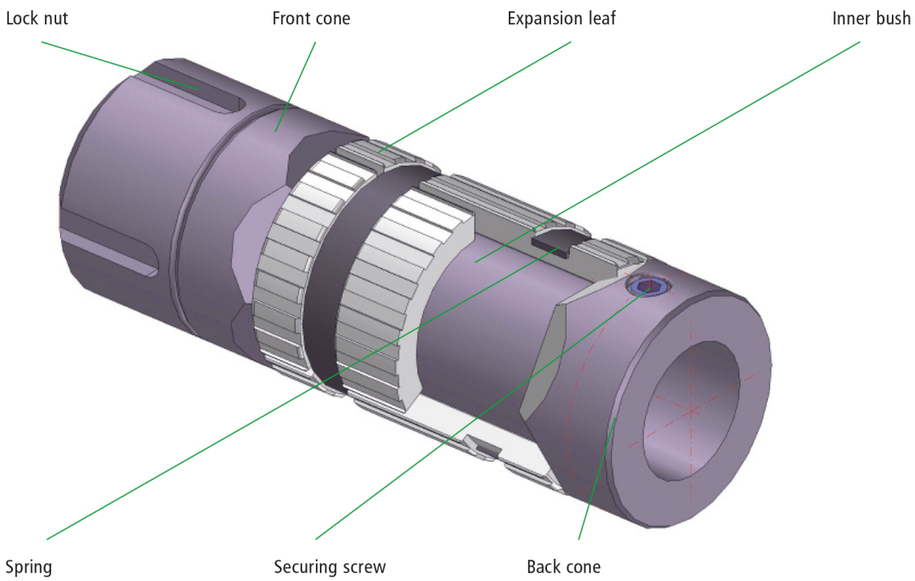
with continuous aluminium leafs

The Vorwald expansion couplings of the Series 260 with continuous aluminium expansion leafs are very robust. They are suitable for cores made of cardboard, aluminium, plastic and steel with the standard diameters of 70, 76.2, 100, 120, 150 and 152.4 mm. The expansion couplings of the Series 260 are based on the functional principle of the inclined plane, i.e. by actuation of a lock nut or hexagonal nut a cone is pushed under the expansion leafs, pressing them outwards. Depending on the tightening torque, the expansion coupling can transmit a greater or smaller torque.

A further advantage of this very simple clamping solution is the concentric clamping of the cores on the leafs, which permits higher winding speeds. When the clamping nut is released, spiral springs pull the leafs back to their original position.

The chief application field of this expansion coupling is where the demands are relatively low to medium and where costs have to be kept to a minimum.

Sectional drawing of an expansion coupling, Series 260



Options

- Surface protection (nickel plating, anodising, chrome plating, and many others)
- Various different bearings are possible
- Actuation by hook spanner or open ended spanner
- Special dimensions are available on inquiry

Advantages

+ Very quick conversion to other core diameters
+ Simple handling
+ Concentric clamping
+ Take-up bore according to customer specification
+ No clamping force loss
+ Favourable price solution

The standard sizes are 70, 76.2, 100, 120, 150 and 152.4 mm.

Previous page

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