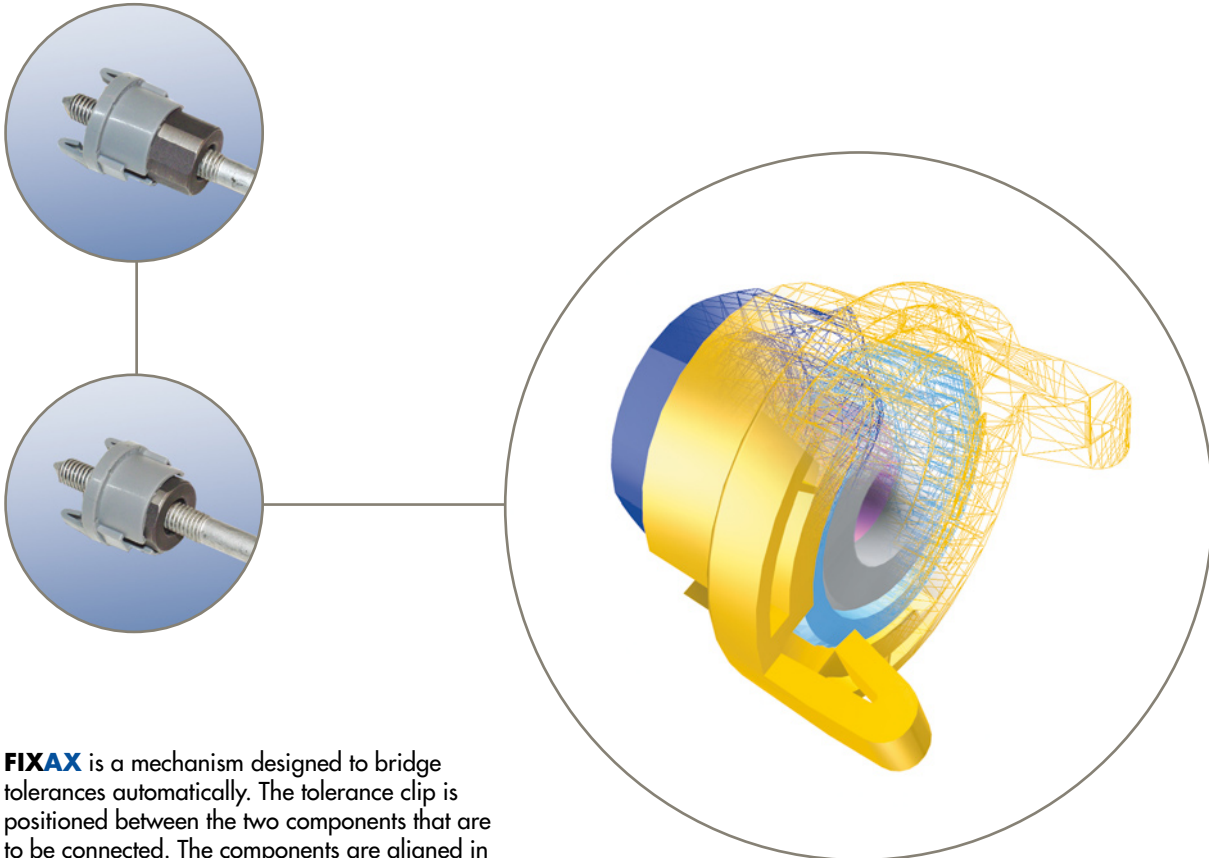


FIXAX Tolerance Clip



FIXAX is a mechanism designed to bridge tolerances automatically. The tolerance clip is positioned between the two components that are to be connected. The components are aligned in axial direction to the axis of the screw connection.

FIXAX is clipped to one of the components. A connecting bolt is inserted into the hole of the first component and through the **FIXAX** tolerance clip to the thread of the second component.

The **FIXAX** spring clip generates friction engagement between the connecting bolt and **FIXAX**, extending the tolerance clip, thus reducing the space between the two components until the surfaces meet. Any tolerances are therefore completely eliminated. The connecting bolt is then tightened with no component deformation.

FIXAX can only be extended as far as the existing distance between the two components or as far as its maximum extension length. The system has been designed to prevent the parts from separating, thus allowing a production process with oscillating conveyor systems.

The size and the adjust range of the **FIXAX** tolerance clip can be designed to correspond to customer requirements.

FIXAX simplifies the production process thus saving time and costs.

FIXAX has a many uses, e. g.:

- Roof racks
- Prop shaft fixing
- Bonnet adjustment
- Fixing the crossbeam between the A-pillars
- Etc.
- Initial headlight adjustment
- Door hinge fixing
- Seat fixing
- Door handle fixing
- External door mirror
- Door adjustment