ANTI-LOOSENING

FIXXLOCK NUT

The most secure self-locking fastening solution for extreme vibration conditions utilized by a unique wedge principle.

FIXXLOCK has been successful in many industries including railways, civil engineering, heavy machinery, radar and power masts, towers and pylons, wind turbines and many more. The utmost secure connection enhances safety and reduces maintenance and inspection costs.

BENEFITS & FEATURES

- Unmatched locking strength
- Reusable design without effecting performance
- Easy installation — only a wrench is required
- Clamp load is preserved for all applications
- Drastically reduced labor costs associated with retightening
- Available in a wide array of materials and coatings

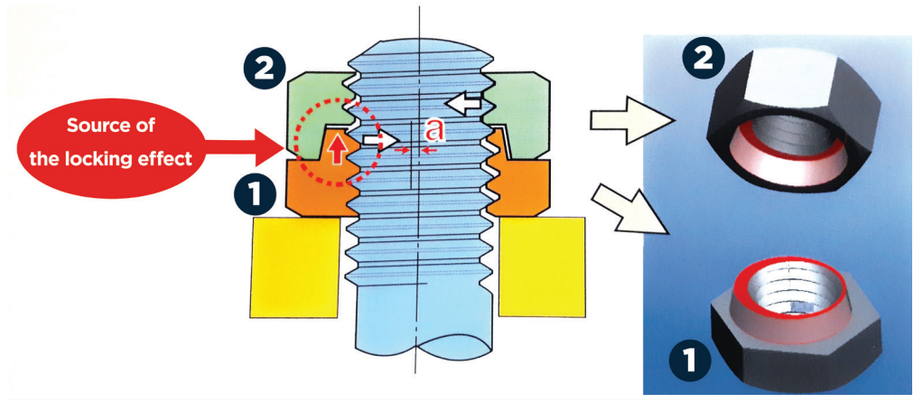
KEBA FASTENINGS

For more information please contact:
Phone: Houston 832-871-5481 • Stuttgart 0711 2225 4129 • Istanbul +90 216 418 55 79
sales@kebafastenings.com ■ kebafastenings.com

PRINCIPLE OF ANTI-LOOSENING METHOD

ANTI-LOOSENING

As shown in the illustration on the left, the FIXXLOCK consists of two nuts in which the first nut (Convect nut) has a truncated protrusion arranged off-center on the upper part. The second nut (Concave nut) is the locking nut which is designed with a concentric conical recess for locking the two nuts together. By tightening the concave onto the convex nut, a strong perpendicular load will be applied to the bolt from both sides.



JUNKER VIBRATION TEST

The vibration testing is based on the National Aerospace Standard (NAS 3350) which demonstrates the overwhelming superiority of the locking effect when compared with other products under identical conditions.