

NEW!

CE CERTIFIED!



**FS ALL-STEEL
LOCK-NUT
HOT-DIP GALVANISED**

**CORROSION RESISTANT
VIBRATION RESISTANT
NON-TEMPERATURE-SENSITIVE
REUSABLE
INTEGRATED LUBRICATION**

**INNOVATIVE APPLICATION FOR USE ON WIND FARMS
IN ON- AND OFFSHORE LOCATIONS AS WELL AS THE
STEEL CONSTRUCTION INDUSTRY**

For extreme outdoor use such as on wind turbines, offshore applications and steel constructions, Flaig + Hommel presents the FS All-Steel Lock-Nut in a new, hot-dip galvanised version.

Thanks to its constructive design, the FS Lock-Nut is predestined for all those applications that require hot-dip galvanised surface treatments. Its design guarantees reusability while maintaining highest operational reliability.

FS All-Steel Lock-Nut:
Hot-dip galvanised for hardcore applications!



Flaig + Hommel

FS All-Steel Lock-Nuts: Hot-dip galvanised: Complete screw fittings with extra wide flange, CE certified

Top choice for wind turbines, steel constructions and other on- and offshore applications!

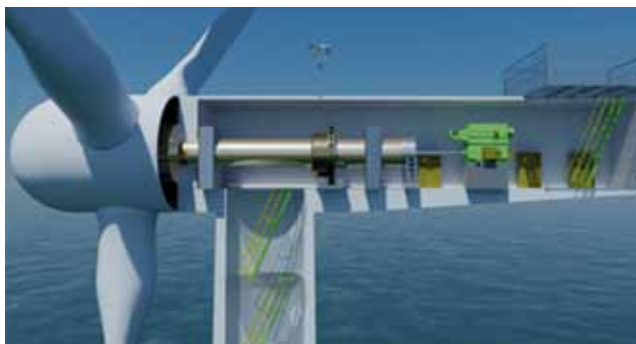
The technological demands on screwed connections on wind turbines and associated components are very high due to the extreme climate conditions they are exposed to.

This also applies to lock-nuts, which play a crucial part in the functionality and smooth operation of the equipment.



Integrated washer for highly efficient assembly – 2 parts

Conventional application – 4 parts

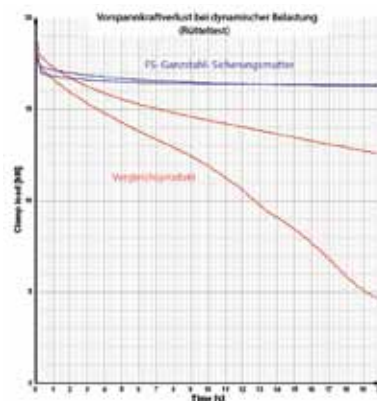


Range of Application:

- Bolting of nacelles (with and without seals)
- Assembly of weather vanes and consoles
- Bolting of railings and rain protection
- Assembly of spinner housing, cable ducts and electrical cabinets
- Securing of ladders, grating and hatch covers
- Interior and exterior screwed connections

The FS All-Steel Lock-Nut in its hot-dip galvanised variety raises the bar and sets a new standard for the weather resistant assembly of components. Thanks to its integrated washer and anti-friction coating, the productivity and connection standard during assembly can be significantly improved.

FS Lock-Nuts and screws with extra wide flange are eminently suited for the connection of fibre composites (GRP, CRP) and organo sheets.



The Advantages::

- Highest reliability - no loosening even when subjected to highly dynamic stress
- Initial installation without the need for additional lubrication
- Anti-friction coating to maintain consistent thread friction values and steady pre-load
- Reduced assembly time due to the integrated washer
- Ideal for the connection of GRP and CRP components as well as other, softer materials
- Can be reused again and again
- Easy unfastening even after many years of use
- Extremely aging resistant, all-steel material
- Two-part, constructive design with spring steel elements, ideal for hot-dip galvanising to guarantee highest corrosion resistance
- Suitable for cold climates - will withstand temperatures as cold as -70°C
- CE-certification – also for screw fittings with wide flange

Normen:

- DIN EN ISO 7042, DIN EN ISO 10513, DIN EN 1664, DIN EN 1667
- Property class 8, 10, 12
- With extra wide flange

