



Brake pads for wind turbines

Low-wear brake pads for quiet operation



We'll provide you with tailwind

The goals for the expansion of wind energy are ambitious. Don't let high noise emissions, especially in the vicinity of inhabited areas, slow you down. With our low-noise and low-wear brake pads for azimuth braking systems, we provide you with convincing arguments for particularly sustainable onshore and offshore operation.



Brake Pads

Brake Disk

Brake

Continuously more efficient—brake pads by Schunk

Brake pads from Schunk are characterized by their low-noise operation compared to conventional pads. They have no glazing, which effectively prevents squeaking noises during the braking process. In addition, there is no need for costly reworking of the pads when noises occur. Furthermore, Schunk brake pads cause virtually no stick-slip effects, which, in addition to noise development can also lead to destructive vibrations.

Staying on course cleanly and economically

Schunk brake pads operate with low wear and very low abrasion - the inside of the nacelle remains clean and important components are not contaminated and possibly damaged by wear dust. Due to their wear resistance, the brake pads are also virtually maintenance-free. This means that maintenance intervals, which are particularly costly and time-consuming in the offshore sector, can be significantly optimized. Resistant to various lubricants, Schunk brake linings thus ensure reliable braking function, operational safety and cost efficiency over a long period of time.

Low-wear Brake pads from Schunk



You can rely on:

- Low-noise operation
- Wear resistance - less abrasion, less pollution
- Lubrication resistance - resistant to various lubricants
- Universal application - for both onshore and offshore
- Longer service intervals - reduced downtime, positive cost-benefit analysis

SCHUNK GROUP

ENGINEERING COMPETENCE IN MATERIALS TECHNOLOGY AND MECHANICAL ENGINEERING

The Schunk Group is a global technology group. The company is a leading supplier of products made of high-tech materials - such as carbon, technical ceramics and sintered metal - as well as machines and systems - from environmental simulation to air conditioning technology and ultrasonic welding to optical machines. The Schunk Group has around 9,200 employees in 26 countries and generated sales of €1.4 billion in 2022. The company is divided into ten different business units.

The business unit industry develops and manufactures components made from carbon, graphite, carbon fiber reinforced carbon (CFC) and silicon carbide, among other materials. These are used in mechanical, electrical and thermal applications, for example as sealing rings, plain bearings and pump components, as carbon brushes for power transmission in household appliances or wind turbines, or in heat treatment, semiconductor production or analytical technology.

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