



► WIND, ENERGY AND STS FRICTION –
THE COMBINATION FOR YOUR SUCCESS!

Exploit the wind with materials from STS Friction GmbH.

THERE'S A STRONG WIND AHEAD!

Wind power is one of the oldest, strongest and also most reliable forms of energy on earth. It is precisely these strengths and this reliability which you would expect from all the components in a wind turbine; and with lightning-paced technological advances.

Modern wind power stations are high-tech products and require correspondingly high-grade materials. This comes down to economic efficiency over very long service lives and high friction coefficients.

The **azimuth brake lining STS 4042** works noise-free and safely. Its exceptional corrosion and wear performance minimises the maintenance requirements of your wind turbine.

Our **STS 4088** is the logical further development of the STS 4042 which was proven in the original equipment. It is setting new records in terms of static friction coefficients under high tensile stress and noise performance.

	STS 4088	STS 4042
Dry friction coefficient	0,44 μ	0,40 μ
Max. permanent temperature	160 °C	180 °C
Compressive strength at room temperature	110 N/mm ²	115 N/mm ²

We meet all demands concerning the individual shaping of our materials and are your partner for all spare parts requirements. Our application engineers respond quickly and reliably to our customers' requirements.

The potential of wind power is still yet to be exploited by a long way.

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Contact:

STS Friction GmbH
Am Schürmannshütt 26 a · 47441 Moers / Germany
Phone: +49 (0)28 41/998 89 80 · Fax: +49 (0)28 41/17 84 38
E-mail: info@sts-friction.de

