High-Precision Ball Bearings

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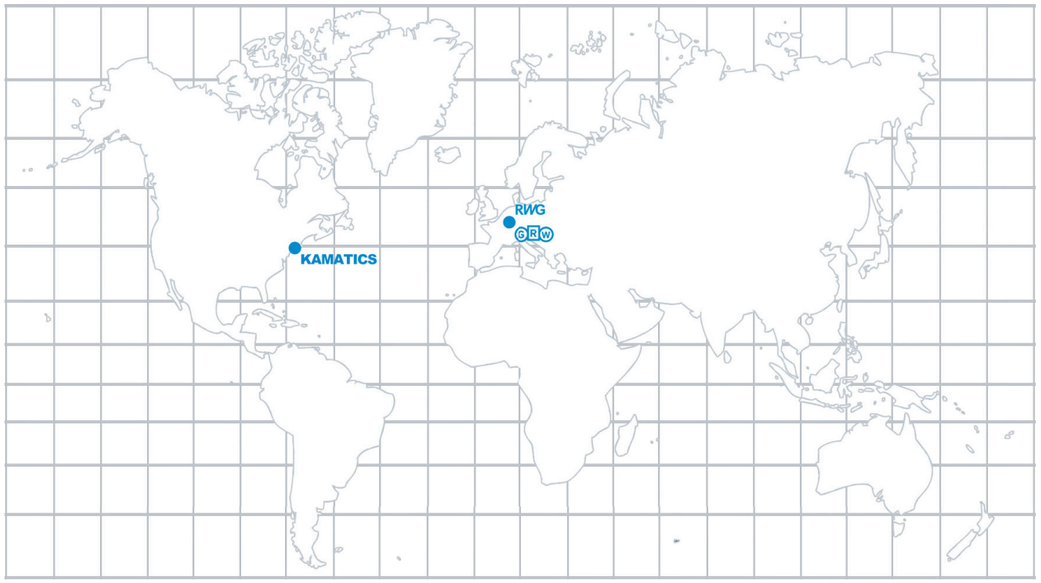

Please ask for our catalogue!

For more information please contact us:
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High-Precision Ball Bearings

XTRAcoat

XTRAcoat:
30% lower friction through the oleophilic coating of GRW

The Gebr. Reinfurt GmbH and Co. KG is well-known for **their high-precision ball bearings Made in Germany.**

GRW now puts a unique solution on the market.

XTRAcoat ensures a decisive benefit for users:

With its oleophilic properties, it reduces the contact angle between the surface and the lubrication oil of the ball bearing by up to 80 percent.

The oil-binding **XTRAcoat** **consistently maintains a minimum lubrication film thickness in the bearing.** According to resent testing results, this permits implementation of a permanent minimum oil quantities in the ball bearings.

The specially developed lifetime tests have clearly proven the effectiveness of **XTRAcoat**.

Lifetime tests have clearly proven the effectiveness of XTRAcoat

In particular, applications where a consistently low friction and long-term stability of the measured values is required, can therefore profit of **XTRAcoat**.

For example, anemometers or gas flow meters are predestined for this. Additionally, the use of **XTRAcoat** also pays off in dental and medicine technology as well as in spindle ball bearings.

XTRAcoat-coated bearings show their full strength in **the measured values of the maximum friction and their bandwidth.**

In the lifetime testing, **the measured values drop continually by up to 30%**. Standard bearings, in contrast, increase in friction due to wear.

XTRAcoat thus provides **decisive improvement in the neuralgic areas:**
Maximum friction and the bandwidth of friction are those parameters that can often cause a noticeable uneven running of the ball bearings and perceptible operating noises. Both are clearly improved by the new solution!

In the long run, **XTRAcoat** wins!