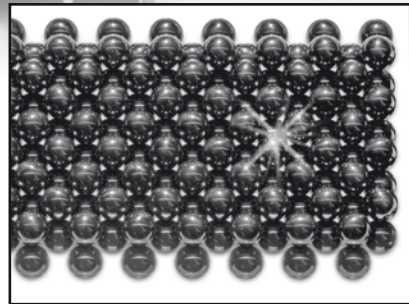
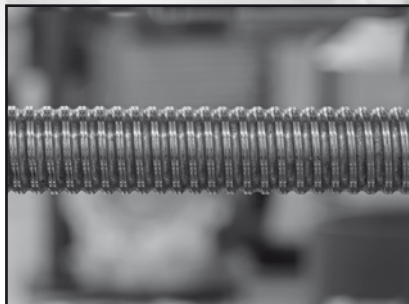


# Dynamic and clean in motion.

BALINIT coatings for reliable linear guides and ball screw drives.

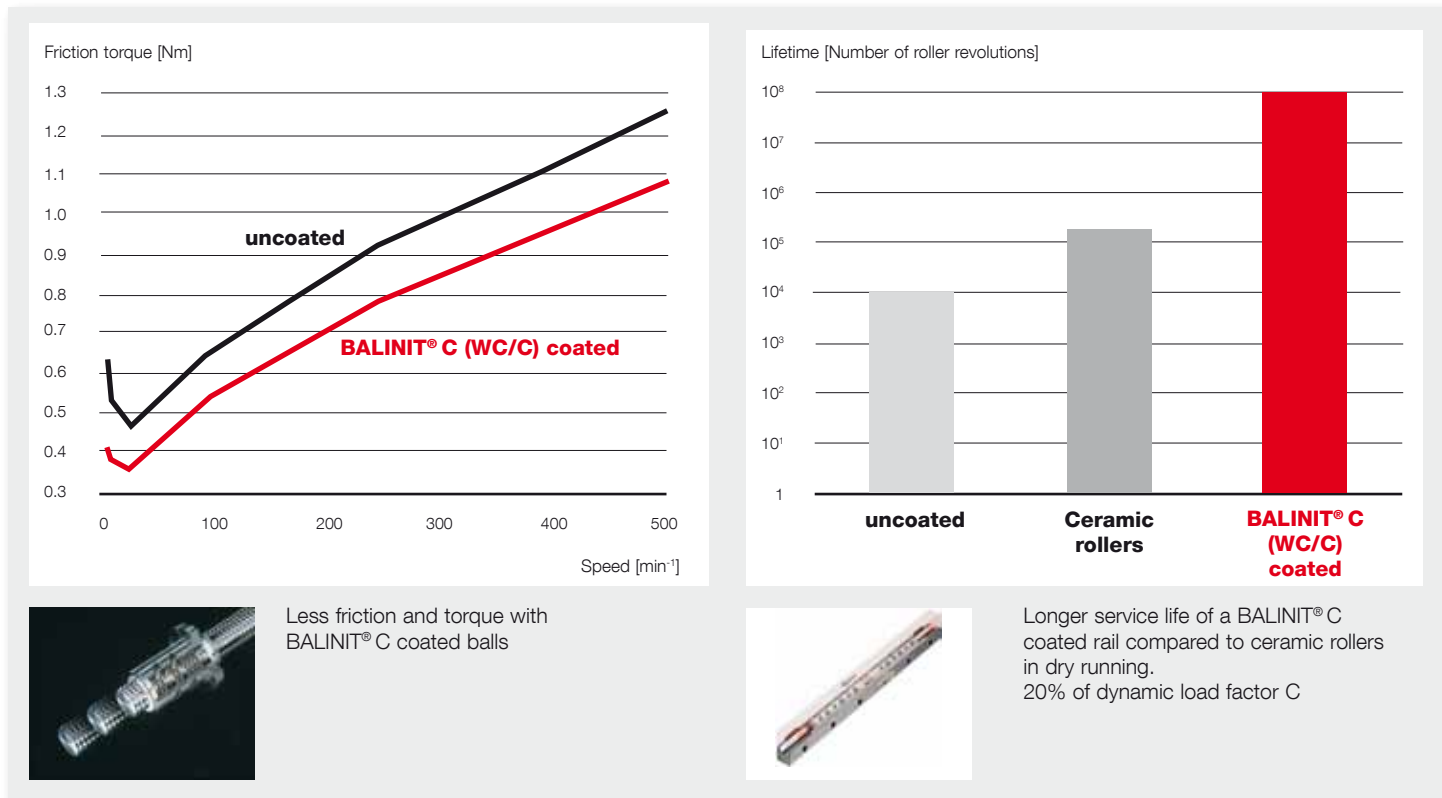


# BALINIT C and BALINIT DLC are the optimal solution for low-wear dry running.

Linear guides and ball screw drives must operate without lubrication in both chip production as well as in medical devices.

BALINIT® C and BALINIT® DLC reduce the friction between the rolling elements as well as the wear of guides, rails, rollers and balls.

## Benefit now from less friction and greater lifetime:



## Your advantages with BALINIT C and BALINIT DLC linear guides and ball screw drives:

## We recommend: BALINIT C and BALINIT DLC for more wear resistance and durability.

- Higher wear resistance in dry running and poor lubrication conditions
- Higher load-bearing capacity
- Enables clean manufacturing conditions
- Higher dynamics of screw drives

|   | BALINIT® DLC | BALINIT® C |
|---|--------------|------------|
| Coating material                              | a-c:H        | Me-C:H     |
| Micro hardness (HK 0.05)                      | 2,500        | 1,000      |
| Typical thickness                             | 2 - 4 µm     | 2 - 4 µm   |
| Coefficient of friction µ against steel (dry) | 0.1 - 0.2    | 0.1 - 0.2  |
| Colour  | Black grey   | Anthracite |

**There's much more to talk about – please get in touch to discuss how we can help you to improve your business.**