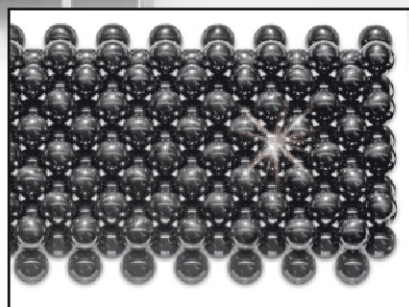
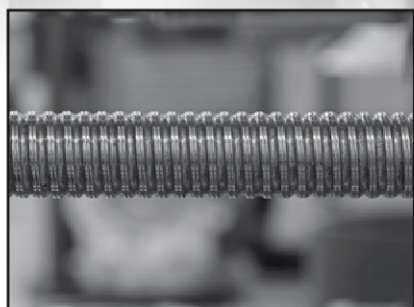


# **Dynamic and clean in motion.** **活力清洁地运行**

BALINIT coatings for reliable linear guides and ball screw drives.

BALINIT 涂层为直线导轨和滚珠丝杠驱动器带来稳定性。



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

## BALINIT C和BALINIT DLC是针对低磨损干式运行环境的最佳解决方案

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

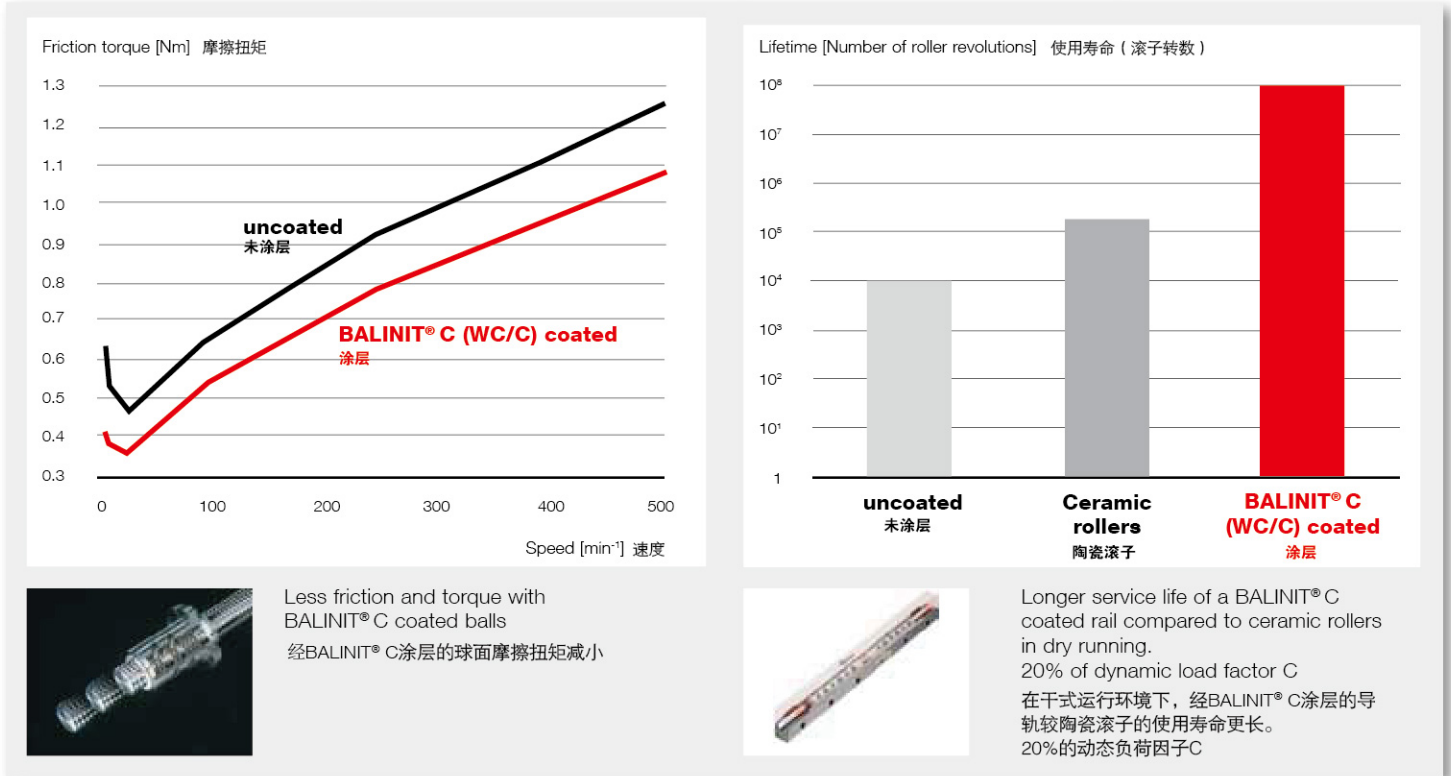
在芯片生产和医疗设备制造中使用的直线导轨和滚珠丝杠驱动必须在无润滑的环境下运行。

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

BALINIT® C 和 BALINIT® DLC减少滚动部件之间的摩擦和导轨，铁轨，滚筒和球体的磨损。

## Benefit now from less friction and greater lifetime:

### 减少摩擦和使用寿命延长给您带来的好处：



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

### 经BALINIT C 和 BALINIT DLC 涂层后的直线导轨和滚珠丝杠驱动器的优势：

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

### 我们推荐：BALINIT C和BALINIT DLC 给您带来更多的抗磨损保护和更高耐用性。

- Higher wear resistance in dry running and poor lubrication conditions  
干式运行和润滑条件差时，具有更高的抗磨损保护
- Higher load-bearing capacity  
更高的承载能力
- Enables clean manufacturing conditions  
使生产条件清洁
- Higher dynamics of screw drives  
螺杆传动的动力增加

|   | BALINIT® DLC | BALINIT® C |
|---|--------------|------------|
| Coating material 涂层材料   | a-c:H        | Me-C:H     |
| Micro hardness (HK 0.05) 维氏硬度                                 | 2,500        | 1,000      |
| Typical thickness 标准厚度  | 2 - 4 µm     | 2 - 4 µm   |
| Coefficient of friction $\mu$ 摩擦系数对钢 against steel (dry) (干式) | 0.1 - 0.2    | 0.1 - 0.2  |
| Colour 颜色   | 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.

### 需要了解更多信息，请与我们联系

Oerlikon Balzers Coating (Suzhou) Co., Ltd | No.9 Chang Yang Street | Suzhou Industrial Park 215024 | Jiangsu Province | P.R.China  
T: +86 512 67620369 | F: +86 512 67620359 | E: info.balzers.cn@oerlikon.com | [www.oerlikon.com/balzers/cn](http://www.oerlikon.com/balzers/cn)

欧瑞康巴尔查斯涂层（苏州）有限公司 中国江苏省苏州市工业园区长阳街9号 邮编：215024

电话：86 512 67620369 传真：86 512 67620359 邮箱：info.balzers.cn@oerlikon.com 网址：[www.oerlikon.com/balzers/cn](http://www.oerlikon.com/balzers/cn)