

ceratec[®]
CERAMIC BEARINGS BV



**CERAMIC
ON THE
RIGHT SPOT!**



LINEAR GUIDE

LINEAR GUIDE



INDUSTRY

- machine
- equipment
- mechatronics
- semiconductor



MATERIAL

- zirconium oxide
- silicon nitride



APPLICATION

- vacuum components
- conducting
- bearing
- transporting

Linear guides made of ceramic materials can be applied in vacuum, so without the need for lubricants. Furthermore, the high stiffness is an added value for an accurate system.

In positioning systems that operate in vacuum, ceramics are indispensable.

CHARACTERISTICS OF THE CERAMIC LINEAR GUIDE

- linear guide to be applied in ultra-high vacuum
- non-magnetic
- very low rolling resistance
- low weight
- high stiffness