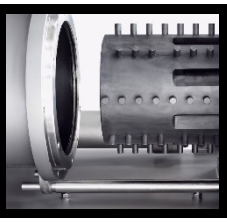
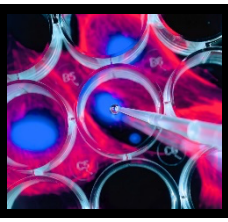
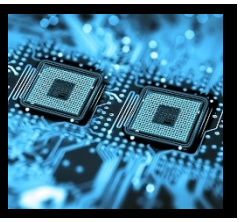
CERATEM



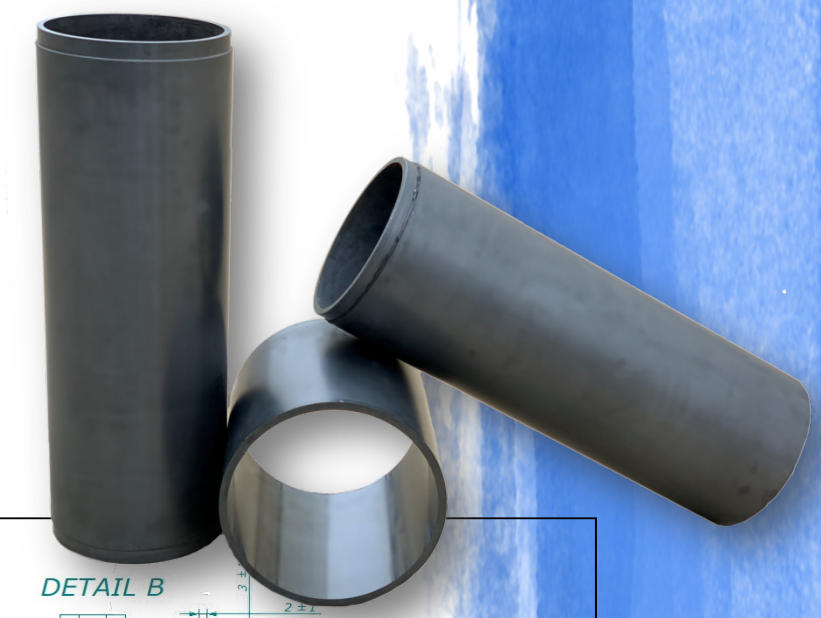



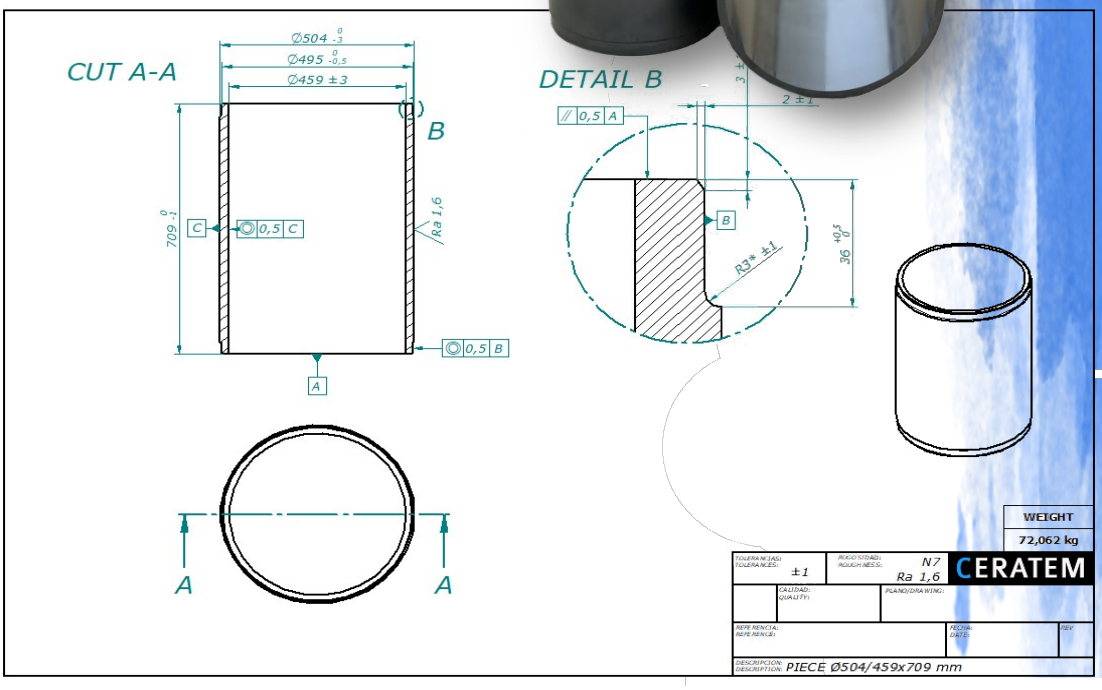
Silicon carbide bearings

Ceramic Silicon Carbide (SiSiC) bearings for micro-sphere agitator Mills offer a number of advantages over those of alumina ceramics that are commonly used.

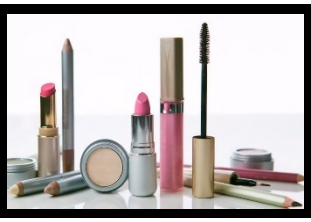
Its greater hardness, better finishes**. Better thermal conductivity** helps to better refrigerate the product and therefore a **faster working speed,** higher production and lower energy consumption.

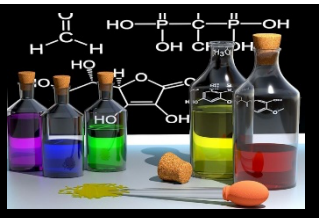
Our technology allows us to manufacture bearings with **diameters greater than 500 mm and lengths of more than 700 mm.**
All surfaces are ground.





CERATEM





Silicon carbide bearings

Micro-sphere agitator mills

The micro-sphere agitator mills are grinding machines for ultra-fine processing of solids in liquids. They cover the particle size range from 200 µm (maximum 500 µm) to the submicron (nanometric). With a fragmentation factor of up to 1: 10,000 (200 µm -> 20 nm), the mills are used in very diverse applications, and can perform tasks such as wetting and homogenization of solids in liquids, deagglomeration and dispersion , until the true atomization of the primary particles.
The ball shaker mill is a universal wet processing machine.

Ball mills

SiSiC Bearings

Applications