

# DATASHEET



## Male bearing, KM1-MB-ZrO2

The male bearing is designed with a stainless steel holder and a ceramic bearing in Zirconium oxide

## Male bearing

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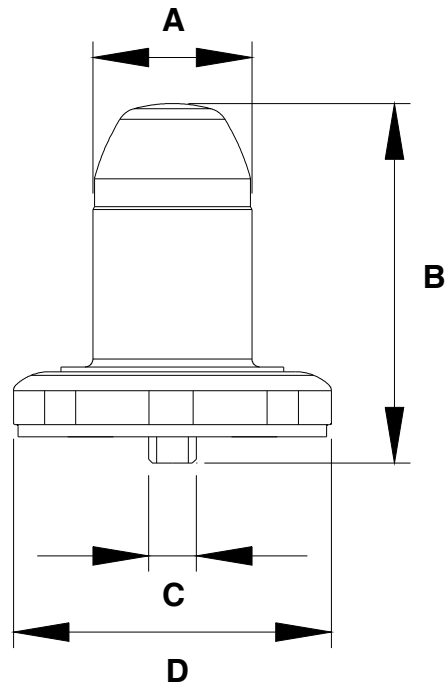
Instruction is subject to change without notice.

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## General Measurements [mm]

<b>A</b>	[Bearing diameter]	20
<b>B</b>	[Total height]	44
<b>C</b>	[Thread dimension]	M6
<b>D</b>	[Foot grip ]	40



## Mechanical Specifications

	Foot and top	Ceram
<b>Material grade</b>	EN 1.4435/ASTM 316L,	Zirconium Oxide (ZrO2)
<b>Material requirement</b>	EN 10 272/10028-7, A479/A240 or SA479 SA240	
<b>Documentation</b>	Heat Certificate 3.1 acc. to EN 10 204 for stainless steel parts Conformity certificate 2.1 on ceram and o-ring	
<b>Surface finish</b>	Ra ≤ 0.5 µm on surfaces in product contact	
<b>Design Temperature</b>	[0°C to +135°C] [+32°F to +275°F]	
<b>Design Pressure</b>	[-1 bar(g) to + 7 bar(g)] [-14.5 psi to +101.5 psi]	
<b>pH range</b>	1-14	
<b>Marking</b>	Each bearing is marked with material grade and id no	
<b>Packing</b>	Each item is sealed in vacuum plastic bag, labelled with art. number and packed in a box	
<b>Male bearing sealing</b>	EPDM or Silicone, approved acc. FDA regulation CFR 177.2600, USP Class VI	
<b>Quality Assurance</b>	Each product is controlled and tested acc. to Kest Technology quality assurance system	
<b>Article no</b>	KM1-MB-NA-510/25	