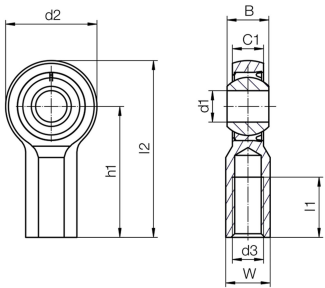


Rod End With Female Thread, For Food Industry

KCLM-05-FC



Rod End With Female Thread, For Food Industry

- Housing optically and magnetically detectable
- FDA- and EU10/2011-compliant
- Right- and left-handed thread
- Dimensional series K following DIN ISO 12240
- In industry-standard blue

B	8 mm
h1	27 mm
l1	12 mm
l2	36 mm
Ø d2	18 mm
Shaft diameter	5 mm
d3 thread	M05
C1	6 mm

Product description

Introducing the igubal rod end with female thread, designed specifically for the food industry. Made from FDA and EU 10/2011 compliant igumid FC, this corrosion-free component withstands harsh conditions while maintaining hygiene. Its innovative design resists dirt and dust, ensuring reliable performance. With both right and left-hand threads available, this lightweight and maintenance-free rod end is perfect for various movements. Experience durability and efficiency in your food processing applications with this essential tool.

Manufacturing and installation tolerances

Installation tolerance d1	E10
Recommended shaft tolerance	h9

General properties

Weight	3.269 g
thread (inner/outer)	inner thread
Thread direction	Left-hand thread
Dimensional series	K, according to DIN ISO 12240
Housing material	igumid® FC
Spherical ball material	iglidur® A181



Mechanical properties

Max. static transverse load, short-term	170 N
Max. static transverse load, long-term	85 N
Max. tightening torque, lead screw	1 Nm
Max. tightening torque through spherical ball	2 Nm
Max. pivot angle (α)	43 °
Max. static radial tensile stress, short-term	1000 N
Max. static radial tensile stress, long-term	500 N

Dimensions

Shaft diameter	5 mm
Ø d2	18 mm
d3 thread	M05
pitch	0.8 mm
C1	6 mm
B	8 mm
h1	27 mm
l1	12 mm
l2	36 mm
W (key width)	SW09
Min. screw-in depth, thread	7 mm

Certificates and standards

