

**GIKL16-PB** [↗](#)

## Rod end



Rod end with internal thread, left hand thread,  
requiring maintenance, DIN ISO 12240-4.  
dimension series K, type F, open design

## Technical information



## Your current product variant

Clampable	Not clampable
Maintenance	Maintenance required
Lubrication nipple	DIN71412-AS6 (tapered grease nipple)
Slotted	No
Thread Pitch	Left-hand thread
Sealing	Without
Mounting	Internal thread

## Main Dimensions &amp; Performance Data

d	16 mm	Bore diameter bearing
D	32 mm	Outside diameter bearing
B	21 mm	Width inner ring
C <sub>r</sub>	21.400 N	Basic dynamic load rating, radial
C <sub>0r</sub>	45.300 N	Basic static load rating, radial
G <sub>r</sub>	0 - 0,035	Radial Clearance
≈m	0,247 kg	Weight



## Dimensions

d <sub>K</sub>	28,575 mm	Ball diameter
d <sub>1</sub>	19,3 mm	Outer flange diameter inner ring
d <sub>2</sub>	42 mm	Outer eye diameter
d <sub>3</sub>	M16	Thread size
d <sub>4</sub>	22 mm	Shank diameter
h <sub>1</sub>	64 mm	Shank Length Internal thread head
C <sub>1</sub>	15 mm	Width of the rod end
α	15 °	Tilt angle
l <sub>3</sub>	28 mm	Thread length Internal thread
l <sub>4</sub>	85 mm	Total length internal thread head
l <sub>5</sub>	8 mm	Length rod end shank
l <sub>7</sub>	23 mm	Distance drilling with/shaft start
d <sub>5</sub>	28 mm	Shank diameter, large
r <sub>1smin</sub>	0,3 mm	Edge Spacing
W	22 mm	Width Across Flat
d <sub>OT</sub>	0,018 mm	Bore diameter bearing, upper tolerance
d <sub>UT</sub>	0 mm	Bore diameter bearing, lower tolerance
d <sub>T</sub>	H7	Bore diameter bearing, tolerance
B <sub>OT</sub>	0 mm	Width inner ring, upper tolerance
B <sub>UT</sub>	-0,12 mm	Width inner ring, lower tolerance
G <sub>rmax</sub>	0,035 mm	Radial clearance, maximum
G <sub>rmin</sub>	0 mm	Radial clearance, minimum

## Temperature range

T <sub>min</sub>	-60 °C	Operating temperature min.
T <sub>max</sub>	250 °C	Operating temperature max.



### Characteristics

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Radial load



Grease Lubrication



Not sealed



Static angular error and misalignment



Dynamic angular error and misalignment