

**GIL6-DO**

Rod end



Rod end with internal thread, left hand thread, requiring maintenance, sliding contact surface: steel/steel, DIN ISO 12240-4, dimension series E, type F, open design

Technical information

**Your current product variant**

Clampable	Not clampable	
Maintenance	Maintenance required	
Mounting	Internal thread	
Lubrication nipple	Cannot be relubricated	
Slotted	No	
Thread Pitch	Left-hand thread	
Type of Sealing	Without	
Radial internal clearance	CN (Group N)	Normal internal clearance

Main Dimensions & Performance Data

d	6 mm	Bore diameter bearing
D	14 mm	Outside diameter bearing
B	6 mm	Width inner ring
C_r	4.420 N	Basic dynamic load rating, radial
C_{0r}	10.300 N	Basic static load rating, radial
G_r	0,023 - 0,068	Radial Clearance
m	0,023 kg	Weight



Dimensions

d_K	10 mm	Ball diameter
d_1	8 mm	Outer flange diameter inner ring
d_2	21 mm	Outer eye diameter
d_3	M6	Thread size
d_4	10 mm	Shank diameter
h_1	30 mm	Shank Length Internal thread head
C_1	4,4 mm	Width of the rod end
α	13 °	Tilt angle
l_3	11 mm	Thread length Internal thread
l_4	40,5 mm	Total length internal thread head
l_5	5 mm	Length rod end shank
l_7	12 mm	Distance drilling with/shaft start
d_5	13 mm	Shank diameter, large
r_{1smin}	0,3 mm	Edge Spacing
W	11 mm	Width Across Flat
d_{OT}	0 mm	Bore diameter bearing, upper tolerance
d_{UT}	-0,008 mm	Bore diameter bearing, lower tolerance
B_{OT}	0 mm	Width inner ring, upper tolerance
B_{UT}	-0,12 mm	Width inner ring, lower tolerance
G_{rmax}	0,068 mm	Radial clearance, maximum
G_{rmin}	0,023 mm	Radial clearance, minimum

Temperature range

T_{min}	-50 °C	Operating temperature min.
T_{max}	200 °C	Operating temperature max.



Characteristics



Radial load



Grease Lubrication



Not sealed



Static angular error and misalignment



Dynamic angular error and misalignment