

**GIL12-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	12 mm	Bore diameter bearing
D	22 mm	Outside diameter bearing
B	10 mm	Width inner ring
$C_r$	13.900 N	Basic dynamic load rating, radial
$C_{0r}$	30.400 N	Basic static load rating, radial
$G_r$	0,023 - 0,068	Radial Clearance
$m$	0,096 kg	Weight



## Dimensions

$d_K$	18 mm	Ball diameter
$d_1$	14,9 mm	Outer flange diameter inner ring
$d_2$	34 mm	Outer eye diameter
$d_3$	M12	Thread size
$d_4$	17,5 mm	Shank diameter
$h_1$	50 mm	Shank Length Internal thread head
$C_1$	8 mm	Width of the rod end
$\alpha$	11 °	Tilt angle
$l_3$	23 mm	Thread length Internal thread
$l_4$	67 mm	Total length internal thread head
$l_5$	6,5 mm	Length rod end shank
$l_7$	18 mm	Distance drilling with/shaft start
$d_5$	22 mm	Shank diameter, large
$r_{1smin}$	0,3 mm	Edge Spacing
$W$	19 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