

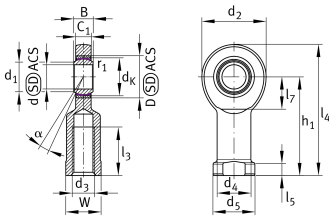
**GIL12-UK**

## Rod end



Rod end with internal thread, maintenance-free, sliding layer: PTFE composite, DIN ISO 12240-4, dimension series E, type F, inner ring curved surface with hard chromium coating, open design, left hand thread

## Technical information

**Your current product variant**

Clampable	Not clampable
Maintenance	Maintenance free
Lubrication nipple	Cannot be relubricated
Slotted	No
Thread Pitch	Left-hand thread
Sealing	Without
Mounting	Internal thread

**Main Dimensions & Performance Data**

$C_r$	11.300 N	Basic dynamic load rating, radial
$C_{0r}$	30.400 N	Basic static load rating, radial
d	12 mm	Bore diameter bearing
$d_2$	34 mm	Outer eye diameter
$l_4$	67 mm	Total length internal thread head
$\approx m$	100 g	Weight



## Dimensions

C <sub>1</sub>	8 mm	Width of the rod end
D	22 mm	Outside diameter bearing
B	10 mm	Width inner ring
d <sub>K</sub>	18 mm	Ball diameter
d <sub>3</sub>	M12	Thread size
d <sub>4</sub>	17,5 mm	Shank diameter
d <sub>5</sub>	22 mm	Shank diameter, large
h <sub>1</sub>	50 mm	Shank Length Internal thread head
α	11 °	Tilt angle
l <sub>3</sub>	23 mm	Thread length Internal thread
l <sub>5</sub>	6,5 mm	Length rod end shank
l <sub>7</sub>	18 mm	Distance drilling with/shaft start
W	19 mm	Width Across Flat
d <sub>UT</sub>	-0,008 mm	Bore diameter bearing, lower tolerance
d <sub>OT</sub>	0 mm	Bore diameter bearing, upper tolerance
B <sub>UT</sub>	-0,12 mm	Width inner ring, lower tolerance
B <sub>OT</sub>	0 mm	Width inner ring, upper tolerance
G <sub>r</sub>	0 - 0,032	Radial Clearance
G <sub>rmin</sub>	0 mm	Radial clearance, minimum
G <sub>rmax</sub>	0,032 mm	Radial clearance, maximum

## Mounting dimensions

r <sub>1smin</sub>	0,3 mm	Edge Spacing
d <sub>1</sub>	14,9 mm	Outer flange diameter inner ring

## Temperature range

T <sub>min</sub>	-50 °C	Operating temperature min.
T <sub>max</sub>	200 °C	Operating temperature max.



## Characteristics

---



Radial load



Lifetime lubrication, freedom from maintenance



Not sealed



Static angular error and misalignment



Dynamic angular error and misalignment