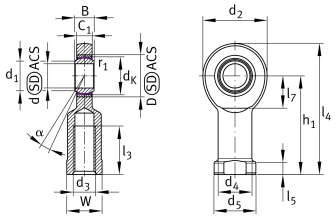
GIL8-UK

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
Mounting	Internal thread
Lubrication nipple	Cannot be relubricated
Slotted	No
Thread Pitch	Left-hand thread
Type of Seal	Without

Main Dimensions & Performance Data

C_r	5.850 N	Basic dynamic load rating, radial
C_{0r}	16.000 N	Basic static load rating, radial
d	8 mm	Bore diameter bearing
d_2	24 mm	Outer eye diameter
l_4	48 mm	Total length internal thread head
≈m	0,039 kg	Weight

Dimensions

C_1	6 mm	Width of the rod end
D	16 mm	Outside diameter bearing
B	8 mm	Width inner ring
d_K	13 mm	Ball diameter
d_3	M8	Thread size
d_4	12,5 mm	Shank diameter
d_5	16 mm	Shank diameter, large
h_1	36 mm	Shank Length Internal thread head
α	15 °	Tilt angle
l_3	15 mm	Thread length Internal thread
l_5	5 mm	Length rod end shank
l_7	14 mm	Distance drilling with/shaft start
W	14 mm	Width Across Flat
d_{UT}	-0,008 mm	Bore diameter bearing, lower tolerance
d_{OT}	0 mm	Bore diameter bearing, upper tolerance
B_{UT}	-0,12 mm	Width inner ring, lower tolerance
B_{OT}	0 mm	Width inner ring, upper tolerance
G_r	0 - 0,032	Radial Clearance
G_{rmin}	0 mm	Radial clearance, minimum
G_{rmax}	0,032 mm	Radial clearance, maximum

Mounting dimensions

r_{1smin}	0,3 mm	Edge Spacing
d_1	10,2 mm	Outer flange diameter inner ring

Temperature range

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