

iglidur® JVSM/JVFM – Zero Clearance and Pre-Tensioned Bearings



Standard range from stock

Radial and axial pretension of bearings

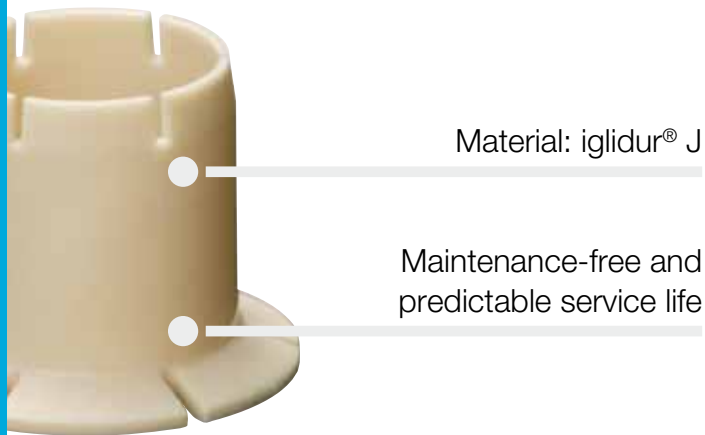
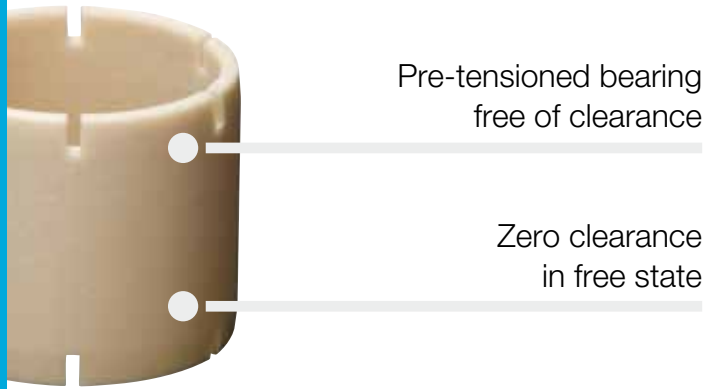
Zero clearance in free state

Material: iglidur® J

Maintenance-free and predictable service life

iglidur® JVSM/JVFM

iglidur® JVSM and JVFM bearings are clearance-free in unloaded condition due to the axial and/or radial pretension. The iglidur® J material possesses extremely low coefficients of friction in dry operation and a very low stick-slip effect. Ideal for “anti-vibration mounting” of pedal box bearings, etc.



When to use it?

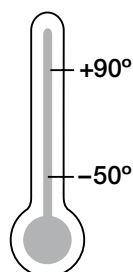
- When a radial and/or axial pretension of bearings is desired
- When a rattle-free bearing in the unloaded state is required
- When you want a zero clearance feel



When not to use it?

- When a bearing solution with reduced clearance is needed
▶ please contact us
- When the pretension has to withstand high radial forces
- When total zero clearance feature is required at high loads

Temperature



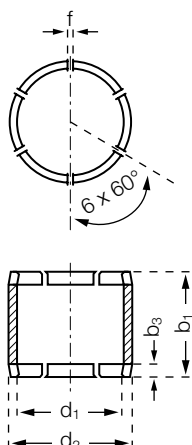
Product range

2 types
 Ø 8–20 mm
 more dimensions
 on request



iglidur® JVSM/JVFM | Product Range

Sleeve Bearing



Order key

JVSM-0608-06



- Length b1
- Outer diameter d2
- Inner diameter d1
- Metric
- Type (Form S)
- pre-tensioned
- Material iglidur® J



Material:

iglidur® J ► page 89

Dimensions [mm]

Part number	d1	d1-Tolerance E10	d2	b1 h13	b3	f
JVSM-0608-06	6	+0.083 / +0.025	8	6	2.0	1
JVSM-0810-08	8	+0.083 / +0.025	10	8	2.0	1
JVSM-1012-10	10	+0.083 / +0.025	12	10	2.0	1
JVSM-1214-12	12	+0.102 / +0.032	14	12	2.0	1
JVSM-1416-14	14	+0.102 / +0.032	16	14	2.0	1
JVSM-1517-15	15	+0.102 / +0.032	17	15	2.5	1
JVSM-1820-18	18	+0.102 / +0.032	20	18	2.5	1
JVSM-2023-20	20	+0.124 / +0.040	23	20	2.5	1

d1 – Measured after pressfit in housing bore. d2 H7 within the measurement plane

Dimensions [Inch]

Part number	d1	d1-Tolerance		d2	b1 h13	b1-Tolerance
		max.	min.			
JVSI-0608-06	3/8	0.3773	0.3750	1/2	3/8	0.075
JVSI-0810-08	1/2	0.5040	0.5013	5/8	1/2	0.075
JVSI-1012-10	5/8	0.6297	0.6270	3/4	5/8	0.075
JVSI-1214-12	3/4	0.7541	0.7505	1 1/8	3/4	0.075
JVSI-1618-16	1	1.0041	1.0007	28.58	1	0.100

d1 – Measured after pressfit in housing bore. d2 H7 within the measurement plane



delivery available
time from stock

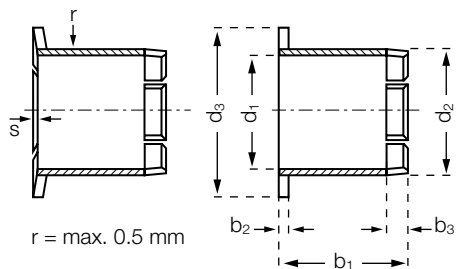


prices price list online
www.igus.co.uk/en/jvsm



order part number
example JVSM-0608-06

Flange Bearing



Order key

JVFM-0810-10



Length b1
Outer diameter d2
Inner diameter d1
Metric
Type (Form F)
pre-tensioned
Material iglidur® J



Material:

iglidur® J ► page 89

Dimensions [mm]

Part number	d1	d1-Tolerance E10	d2	d3	b1 h13	b2	b3	s ±0.1
JVFM-0810-10	8	+0.083 / +0.025	10	15	10	1	2.0	0.44
JVFM-1012-10	10	+0.083 / +0.025	12	18	10	1	2.0	0.53
JVFM-1214-12	12	+0.102 / +0.032	14	20	12	1	2.0	0.53
JVFM-1416-12	14	+0.102 / +0.032	16	22	12	1	2.0	0.53
JVFM-1517-15	15	+0.102 / +0.032	17	23	15	1	2.5	0.53
JVFM-1820-18	18	+0.102 / +0.032	20	26	18	1	2.5	0.53
JVFM-2023-20	20	+0.124 / +0.040	23	30	20	1.5	2.5	0.62



delivery available
time from stock



prices price list online
www.igus.co.uk/en/jvfm



order part number
example JVFM-0810-10