

KMFE 17



Lock nut with metric thread, with locking screw

KMFE lock nuts with integral locking screw are designed to locate CARB toroidal roller bearings, sealed spherical roller bearings and sealed self-aligning ball bearings axially on a shaft. They reduce the cost of the shaft as no keyway is required. Installation with an integral set screw is quick and easy and no separate locking device is necessary. Maximum axial run-out locating face and thread 0.02 to 0.03 mm.

- No keyway required
- Simple and robust locking for intended applications
- Reusable
- Cost-effective
- Available for thread M 20x1 to M 200x3 (sizes 4 to 40)

Overview

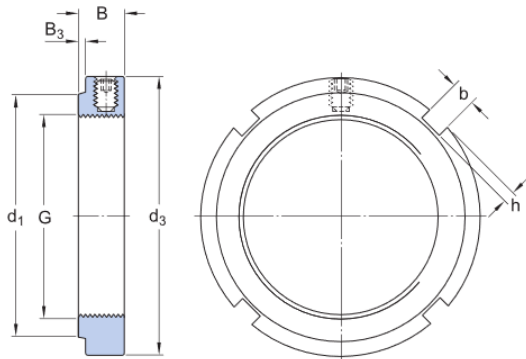
Dimensions

Bore diameter	85 mm
Outside diameter	110 mm
Thread designation	M85x2
Width	19 mm

Properties

Associated mounting tool	HN 17
Locking device	Incorporated in the lock nut
Nut for hydraulic mounting	No

Technical Specification



Dimensions

G	M85x2	Thread
d ₃	110 mm	Outside diameter
B	19 mm	Width
d ₁	98 mm	Diameter locating side face
B ₃	4 mm	Stand-out of locating face
b	8 mm	Width locating slot
h	3.5 mm	Depth locating slot

Calculation data

Axial static load carrying capacity	190 kN
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Mass

Mass lock nut	0.53 kg
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Mounting information

Associated spanner	HN 17
Set screw size	M8
Recommended grub screw tightening torque	18 Nm

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