KMFE 12

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

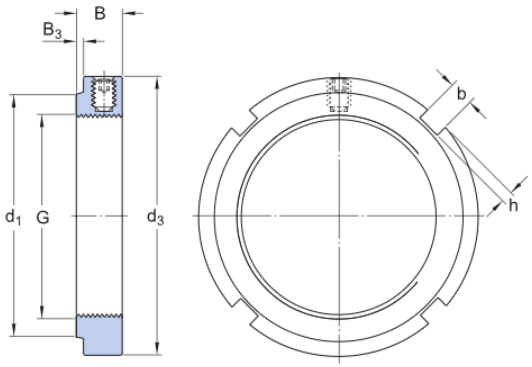
Dimensions

Thread designation	M60x2
Bore diameter	60 mm
Outside diameter	80 mm
Width	14 mm

Properties

Locking device	Incorporated in the lock nut
Nut for hydraulic mounting	No
Associated mounting tool	HN 12-13

Technical Specification



Dimensions

G	M60x2	Thread
d_3	80 mm	Outside diameter
B	14 mm	Width
d_1	69 mm	Diameter locating side face
B_3	3 mm	Stand-out of locating face
b	7 mm	Width locating slot
h	3 mm	Depth locating slot

Calculation data

Axial static load carrying capacity	95 kN

Mass

Mass lock nut	0.22 kg

Mounting information

Associated spanner	HN 12-13
Set screw size	M6
Recommended grub screw tightening torque	8 N·m

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