

KMFE 16

KMFE metric lock nuts with an integral 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

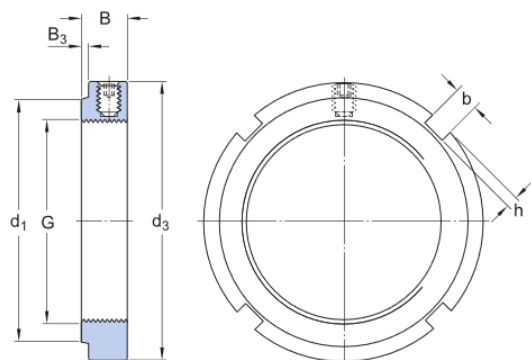
Dimensions

Bore diameter	80 mm
Outside diameter	105 mm
Width	18 mm

Properties

Associated mounting tool	HN 16
Locking device	Incorporated in the lock nut
Nut for hydraulic mounting	No
Thread designation	M80x2

Technical Specification



Dimensions

G	M80x2	Thread
d_3	105 mm	Outside diameter
B	18 mm	Width
d_1	91.5 mm	Diameter locating side face
B_3	3 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	173 kN
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Mass

Mass lock nut	0.48 kg
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Mounting information

Associated spanner	HN 16
Set screw size	M8
Recommended grub screw tightening torque	18 Nm

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