

KMK 16



KMK metric lock nuts with an integral locking device

KMK lock nuts with integral locking are designed to locate radial bearings in less demanding applications. They reduce the cost of the shaft as no keyway or key slot is required. Installation with an integral set screw is quick and easy and no separate locking device is necessary. KMK lock nuts have a threaded steel insert in their bore that acts as a pressure plate when a set screw, which runs through the body of the lock nut, is tightened.

- No keyway required
- Simple and robust locking for intended applications
- Reusable
- Cost-effective
- Available for thread M 10x0.75 to M 100x2 (sizes 0 to 20)

Overview

Dimensions

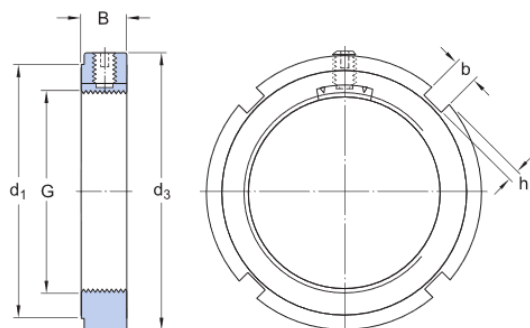
Bore diameter	80 mm
Outside diameter	105 mm
Width	18 mm

Properties

Associated mounting tool	HN 16
Locking device	Incorporated in the lock nut
Nut for hydraulic mounting	No
Thread designation	M 80x2

Technical Specification

Dimensions



G	M 80x2	Thread
d_3	105 mm	Outside diameter
B	18 mm	Width
d_1	98 mm	Diameter locating side 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	0.45 kg
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Mounting information

Associated spanner	HN 16
Set screw size	M10
Recommended grub screw tightening torque	35 Nm

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