

KMK 17Lock nut with metric thread, with integral locking device



Lock nut with metric thread, with 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 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

Thread designation	M 85x2
Bore diameter	85 mm
Outside diameter	110 mm
Width	18 mm

Properties

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

Technical Specification



Dimensions

G	M 85x2	Thread
d_3	110 mm	Outside diameter
B	18 mm	Width
d_1	103 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	190 kN
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Mass

Mass lock nut	0.52 kg
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Mounting information

Associated spanner	HN 17
Set screw size	M10
Recommended grub screw tightening torque	35 N·m

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