

KMK 9Lock 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 45x1.5
Bore diameter	45 mm
Outside diameter	65 mm
Width	11 mm

Properties

Locking device	Incorporated in the lock nut
Nut for hydraulic mounting	No
Associated mounting tool	HN 8-9

Technical Specification



Dimensions

G	M 45x1.5	Thread
d_3	65 mm	Outside diameter
B	11 mm	Width
d_1	60 mm	Diameter locating side face
b	6 mm	Width locating slot
h	2.5 mm	Depth locating slot

Calculation data

Axial static load carrying capacity	78 kN
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Mass

Mass lock nut	0.14 kg
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Mounting information

Associated spanner	HN 8-9
Set screw size	M6
Recommended grub screw tightening torque	8 N·m

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