

KMK 6Lock 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 30x1.5
Bore diameter	30 mm
Outside diameter	45 mm
Width	9 mm

Properties

Locking device	Incorporated in the lock nut
Nut for hydraulic mounting	No
Associated mounting tool	HN 5-6

Technical Specification



Dimensions

G	M 30x1.5	Thread
d_3	45 mm	Outside diameter
B	9 mm	Width
d_1	41 mm	Diameter locating side face
b	5 mm	Width locating slot
h	2 mm	Depth locating slot

Calculation data

Axial static load carrying capacity	36.5 kN
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Mass

Mass lock nut	0.06 kg
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Mounting information

Associated spanner	HN 5-6
Set screw size	M5
Recommended grub screw tightening torque	4 N·m

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