

KMK 3



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

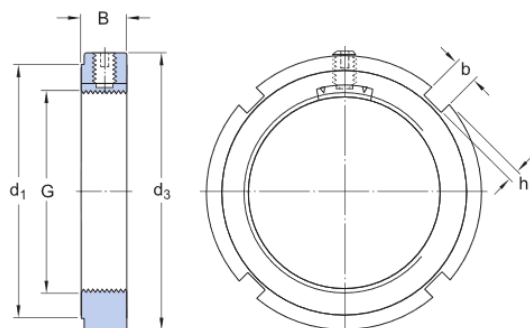
Bore diameter	17 mm
Outside diameter	28 mm
Width	9 mm

Properties

Associated mounting tool	HN 2-3
Locking device	Incorporated in the lock nut
Nut for hydraulic mounting	No
Thread designation	M 17x1

Technical Specification

Dimensions



G	M 17x1	Thread
d_3	28 mm	Outside diameter
B	9 mm	Width
d_1	24 mm	Diameter locating side face
b	4 mm	Width locating slot
h	2 mm	Depth locating slot

Calculation data

Axial static load carrying capacity	19.6 kN
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Mass

Mass lock nut	0.027 kg
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Mounting information

Associated spanner	HN 2-3
Set screw size	M5
Recommended grub screw tightening torque	4 Nm

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