

# KMFE 4



## Lock nut with metric thread, with locking screw

KMFE lock nuts with integral locking screw are designed to locate CARB toroidal roller bearings, sealed spherical roller bearings and sealed self-aligning ball bearings axially on a shaft. 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. Maximum axial run-out locating face and thread 0.02 to 0.03 mm.

- No keyway required
- Simple and robust locking for intended applications
- Reusable
- Cost-effective
- Available for thread M 20x1 to M 200x3 (sizes 4 to 40)

## Overview

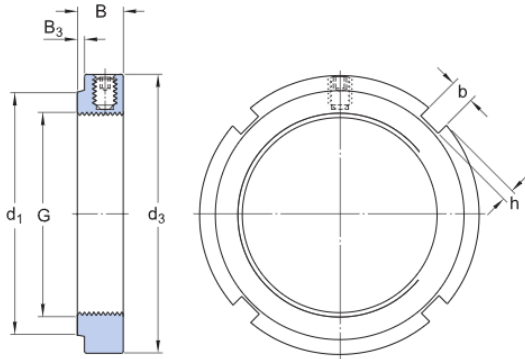
### Dimensions

Thread designation	M20x1
Bore diameter	20 mm
Outside diameter	32 mm
Width	9.5 mm

## Properties

Locking device	Incorporated in the lock nut
Nut for hydraulic mounting	No
Associated mounting tool	HN 4

## Technical Specification



## Dimensions

G	M20x1	Thread
$d_3$	32 mm	Outside diameter
B	9.5 mm	Width
$d_1$	26 mm	Diameter locating side face
$B_3$	1 mm	Stand-out of locating face
b	4 mm	Width locating slot
h	2 mm	Depth locating slot

## Calculation data

Axial static load carrying capacity	24 kN
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## Mass

Mass lock nut	0.034 kg
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## Mounting information

Associated spanner	HN 4
Set screw size	M5
Recommended grub screw tightening torque	4.5 N·m

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