

KM 1Lock nut with metric thread, for locking by lock washer



Lock nut with metric thread, for locking by lock washer

KM and KML lock nuts are used to locate bearings onto a shaft. They have metric threads and four equally spaced slots located around their circumference to accommodate a spanner. They should be locked by a lock washer to prevent unintentional loosening. KM and KML lock nuts can be reused, provided they are not damaged.

- Simple, stable and reliable fastening element
- Easy to install and remove
- Reusable with a new lock washer
- Available for thread M 10x0.75 to M 200x3 (sizes 0 to 40)

Overview

Dimensions

| | |
|--------------------|-------|
| Thread designation | M12x1 |
| Bore diameter | 12 mm |
| Outside diameter | 22 mm |
| Width | 4 mm |

Properties

| | |
|----------------------------|-------------|
| Locking device | Lock washer |
| Nut for hydraulic mounting | No |
| Associated mounting tool | HN 1 |

Technical Specification



Dimensions

| | | |
|-------|-------|-----------------------------|
| G | M12x1 | Thread |
| d_3 | 22 mm | Outside diameter |
| B | 4 mm | Width |
| d_1 | 17 mm | Diameter locating side face |
| b | 3 mm | Width locating slot |
| h | 2 mm | Depth locating slot |

Calculation data

| | |
|-------------------------------------|---------|
| Axial static load carrying capacity | 11.8 kN |
|-------------------------------------|---------|

Mass

| | |
|---------------|----------|
| Mass lock nut | 0.007 kg |
|---------------|----------|

Mounting information

| | |
|--------------------|------|
| Associated spanner | HN 1 |
|--------------------|------|

Associated products

| | |
|----------------|------|
| Locking device | MB 1 |
|----------------|------|

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