

# AN 26

## AN inch lock nut, requiring a keyway

AN lock nuts are used to locate bearings onto a shaft or adapter sleeve. They have four, equally spaced slots around their circumference to accommodate a hook or impact spanner. The lock nuts are secured onto the shaft using a W lock washer that engages a keyway in the shaft or adapter sleeve thread. AN 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 locking device
- Require a keyway in the shaft or adaptor sleeve thread

## Overview

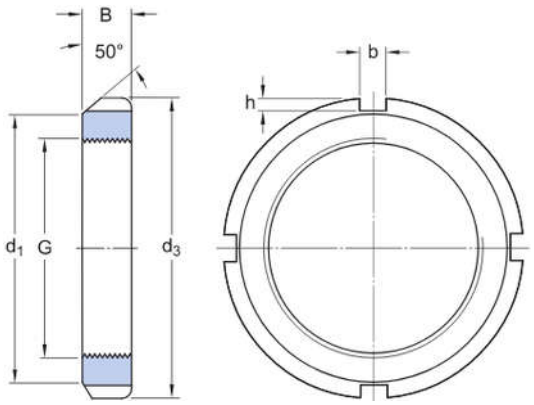
### Dimensions

| | |
|---|---|
| Bore diameter | 129.692 mm |
| Outside diameter | 171.577 mm |
| Width | 22.479 mm |

### Properties

| | |
|---|---|
| Associated mounting tool | TMFN 23-30 |
| Locking device | Lock washer |
| Nut for hydraulic mounting | No |

# Technical Specification




## Dimensions

| | | |
|---|---|---|
| G | 129.692 mm | Thread size |
| | 12 | Threads per inch |
| $d_1$ | 157.175 mm | Diameter locating side face |
| $d_3$ | max. 171.577 mm | Outside diameter |
| B | 22.479 mm | Width |
| b | 15.494 mm | Width locating slot |
| h | 6.604 mm | Depth locating slot |

## Calculation data

| | |
|---|---|
| Axial load carrying capacity, static | 415 kN |

## Mass

| | |
|---|---|
| Mass lock nut | 1.63 kg |

## Mounting information

| | |
|---|---|
| Associated spanner | TMFN 23-30 |

## Associated products

| | |
|---|---|
| Locking device | W 26 |

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