

# AN 24



## Lock nut with inch thread, for locking by lock washer

AN lock nuts are used to locate bearings onto a shaft. They have inch threads and four, equally spaced slots around their circumference to accommodate a spanner. They should be locked by a lock washer to prevent unintentional loosening. 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

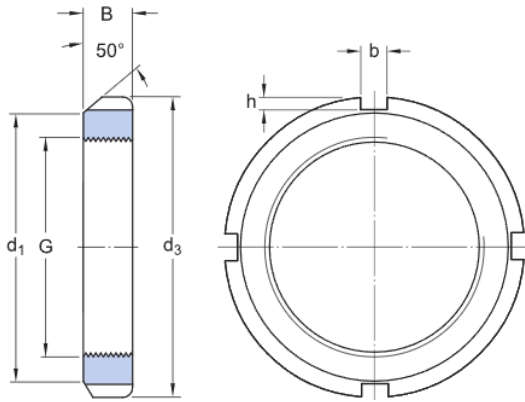
Bore diameter	119.786 mm
Outside diameter	155.702 mm
Width	20.904 mm

## Properties

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

# Technical Specification

## Dimensions



G	119.786 mm	Thread size
	12	Threads per inch
d <sub>1</sub>	144.475 mm	Diameter locating side face
d <sub>3</sub>	max. 155.702 mm	Outside diameter
B	20.904 mm	Width
b	12.319 mm	Width locating slot
h	5.029 mm	Depth locating slot

## Calculation data

Axial load carrying capacity, static	335 kN
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## Mass

Mass lock nut	1.23 kg
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## Mounting information

Associated spanner	TMFN 23-30
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## Associated products

Locking device	W 24
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