

AN 28



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

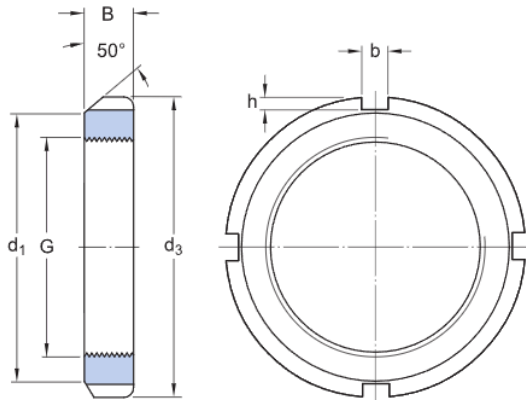
Dimensions

Bore diameter	139.624 mm
Outside diameter	180.315 mm
Width	24.079 mm

Properties

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

Technical Specification



Dimensions

G	139.624 mm	Thread size
	12	Threads per inch
d ₁	165.887 mm	Diameter locating side face
d ₃	max. 180.315 mm	Outside diameter
B	24.079 mm	Width
b	15.494 mm	Width locating slot
h	6.604 mm	Depth locating slot

Calculation data

Axial load carrying capacity, static	450 kN
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Mass

Mass lock nut	1.82 kg
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Mounting information

Associated spanner	TMFN 23-30
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Associated products

Locking device	W 28
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