

AN 18



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

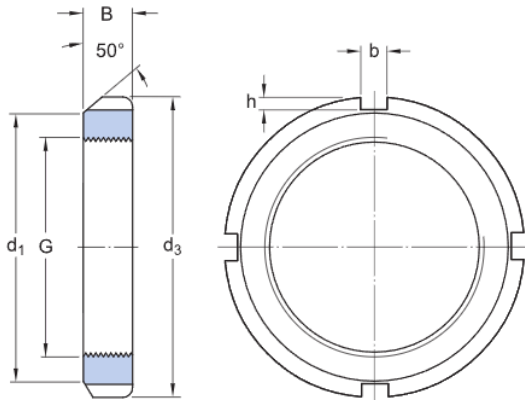
Dimensions

Bore diameter	89.586 mm
Outside diameter	118.389 mm
Width	17.729 mm

Properties

Locking device	Lock washer
Nut for hydraulic mounting	No
Associated mounting tool	HN 18-20

Technical Specification



Dimensions

G	89.586 mm	Thread size
	12	Threads per inch
d ₁	108.737 mm	Diameter locating side face
d ₃	max. 118.389 mm	Outside diameter
B	17.729 mm	Width
b	9.144 mm	Width locating slot
h	4.216 mm	Depth locating slot

Calculation data

Axial load carrying capacity, static	219 kN
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Mass

Mass lock nut	0.64 kg
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Mounting information

Associated spanner	HN 18-20
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Associated products

Locking device	W 18
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