KM 7



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

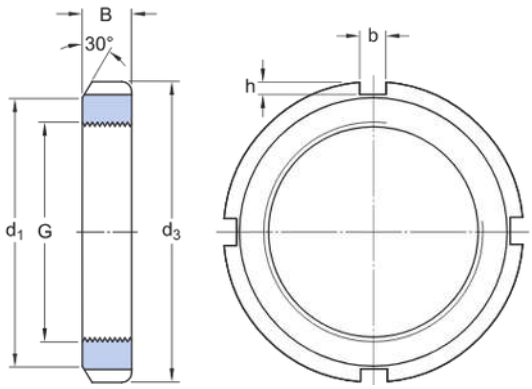
Dimensions

Thread designation	M35x1.5
Bore diameter	35 mm
Outside diameter	52 mm
Width	8 mm

Properties

Locking device	Lock washer
Nut for hydraulic mounting	No
Associated mounting tool	HN 7

Technical Specification



Dimensions

G	M35x1.5	Thread
d_3	52 mm	Outside diameter
B	8 mm	Width
d_1	44 mm	Diameter locating side face
b	5 mm	Width locating slot
h	2 mm	Depth locating slot

Calculation data

Axial static load carrying capacity	50 kN

Mass

Mass lock nut	0.069 kg

Mounting information

Associated spanner	HN 7

Associated products

Locking device	MB 7

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