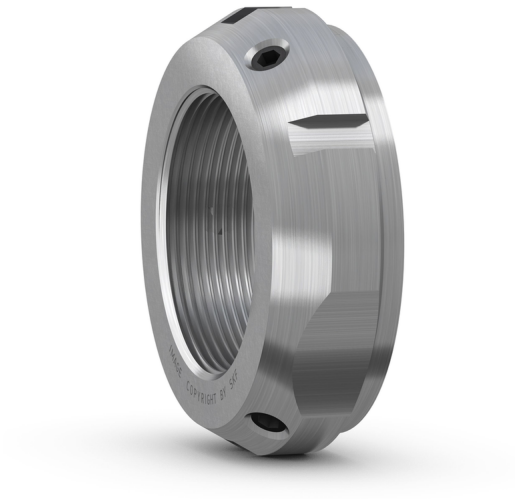


KMT 12

KMT precision lock nuts with locking pins

KMT precision lock nuts are intended for applications where high precision, simple assembly and reliable locking are required. The three equally-spaced locking pins enable these lock nuts to be accurately positioned at right angles to the shaft. However, they can also be adjusted to compensate for slight angular deviations of adjacent components. Maximum axial run-out between the locating face and thread (up to size 40): 0.005 mm

- No keyway required
- Withstands high axial loads
- Reliable, effective locking mechanism
- Designed for frequent and simple installation and removal
- Available for thread M 10x0.75 to M 200x3 (sizes 0 to 40) and Tr 220x4 to Tr 420x5 (sizes 44 to 84)

Overview

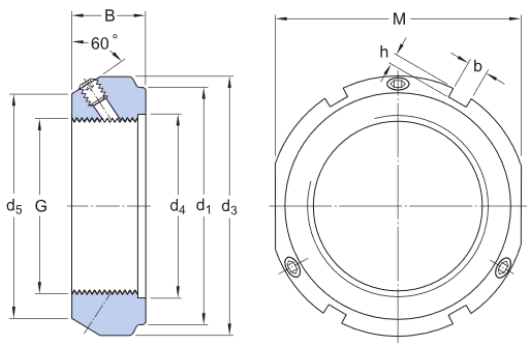
Dimensions

Bore diameter	60 mm
Outside diameter	90 mm
Width	26 mm

Properties

Associated mounting tool	HN 12-13
Locking device	Incorporated in the lock nut
Nut for hydraulic mounting	No
Thread designation	M 60x2

Technical Specification



Dimensions

G	M 60x2	Thread
d_1	82 mm	Outside diameter locating side face
B	26 mm	Width
d_3	90 mm	Outside diameter
d_4	62 mm	Inner diameter locating side face
d_5	78 mm	Diameter side face opposite to bearing
M	85 mm	Width flat spanner
b	8 mm	Width locating slot
h	3.5 mm	Depth locating slot

Calculation data

Axial static load carrying capacity	380 kN

Mass

Mass	0.61 kg

Mounting information

Associated spanner (Hook spanner in accordance with DIN 1810)	HN 12-13
Set / Locking screw size	M8
Recommended tightening torque	18 Nm

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