

KMTA 26

KMTA precision lock nuts with locking pins

KMTA precision lock nuts have a cylindrical outside surface and 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 25x1.5 to M 200x3 (sizes 5 to 40)

Overview

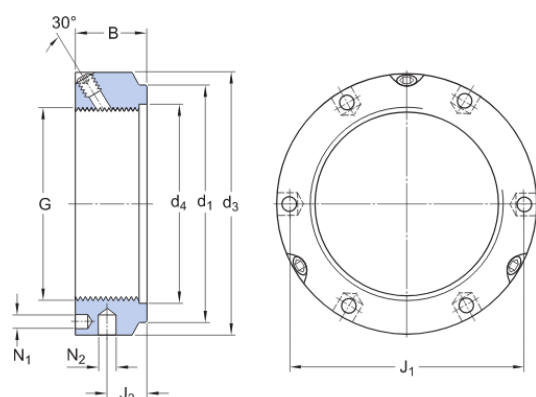
Dimensions

Bore diameter	130 mm
Outside diameter	165 mm
Thread designation	M 130x3
Width	32 mm

Properties

Associated mounting tool	B 155-165
Locking device	Incorporated in the lock nut
Nut for hydraulic mounting	No

Technical Specification



Dimensions

G	M 130x3	Thread
d ₁	156 mm	Outside diameter locating side face
B	32 mm	Width
d ₃	165 mm	Outside diameter
d ₄	132 mm	Inner diameter locating side face
J ₁	153 mm	Pitch diameter for pin-type face spanner
J ₂	17 mm	Distance between holes for pin-wrench and locating side face
N ₁	6.4 mm	Diameter holes for pin-type face spanner
N ₂	8 mm	Diameter holes for pin-wrench

Calculation data

Axial static load carrying capacity	920 kN
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Mass

Mass	1.99 kg
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Mounting information

Associated spanner (Hook spanner in accordance with DIN 1810)	B 155-165
Set / Locking screw size	M10
Recommended tightening torque	35 Nm

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