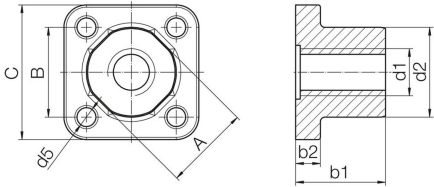


drylin® injection-moulded flange lead screw nuts,
thread cut, JFLM

JFLM-C-01-TR20X4



drylin® injection-moulded flange lead screw
nuts, thread cut, JFLM

- Material: iglidur® J
- Thread direction: Left-hand thread
- Thread type: Trapezoidal threads
- Design: Standard
- Cylindrical lead screw nut

Product description

Introducing the drylin injection-moulded flange lead screw nuts, thread cut, JFLM from our trusted brand. Made from durable iglidur J material, these standard cylindrical lead screw nuts feature a left-hand trapezoidal thread for reliable performance. Designed for various applications, they ensure smooth operation and longevity. Upgrade your projects with this essential component that combines quality and efficiency.

Requirements

Mould-resistant according to DIN EN ISO 846 Procedure A	Yes
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General properties

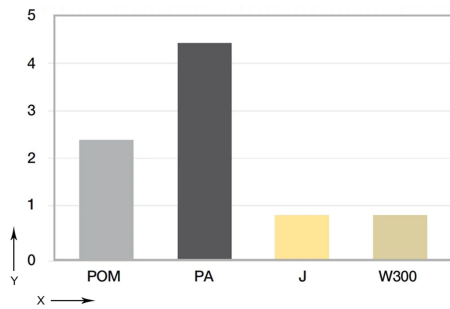
Thread direction	Left-hand thread
Thread type	Metric thread; standard for highest compatibility
Weight	26.95 g
With spanner flat	No

Dimensions

Thread size	TR20X4
Ø d1	20 mm
Ø d2	32 mm
b1	25 mm
b2	8 mm
Effective supporting surface	628 mm²



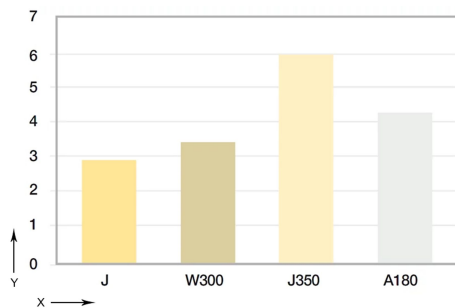
Additional information and diagrams



Wear test on a rolled trapezoidal lead screw

x = different materials

y = wear [mg/km]

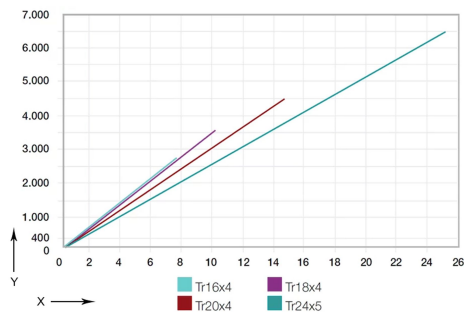


Wear test on a VA lead screw

Stroke 140 mm, 50 N, lead screw VA rolled, 450 rpm

x = different materials

y = wear [mg/km]



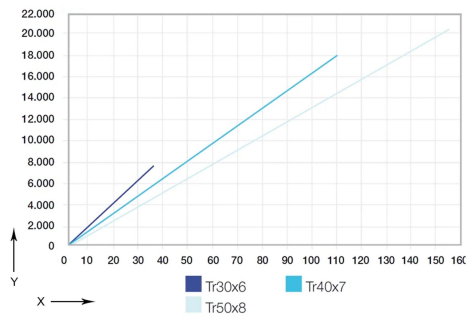
Required drive torque lead screw modules Ø16 to Ø24

Assuming $\mu = 0.25$, without considering the lead screw supports

x = torque [Nm]

y = load [N]



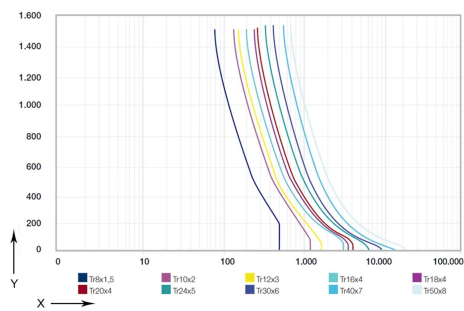


Required drive torque lead screw modules Ø30 to Ø50

Assuming $\mu = 0.25$, without considering the lead screw supports

x = torque [Nm]

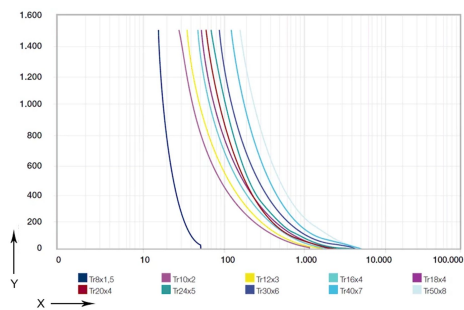
y = load [N]



Maximum dynamic load for lead screw units with 10% ESD

x = load [N]

y = speed [rpm]



Maximum dynamic load for lead screw units with 100% ESD

x = load [N]

y = speed [rpm]