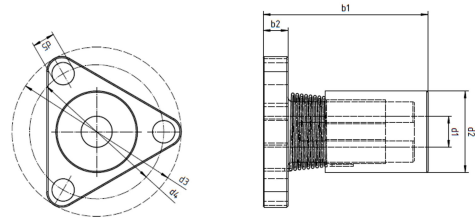
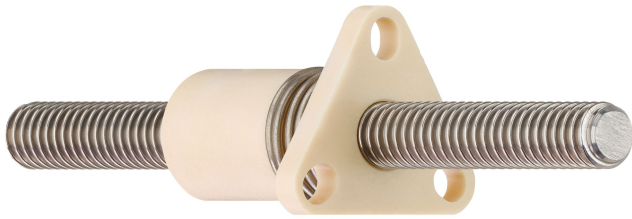


drylin® trapezoidal lead screw nut, anti-backlash, JSRM

DST-JFRM-PL-0001-DS6.35X2.54



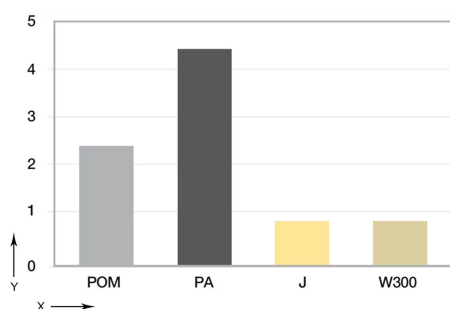
drylin® trapezoidal lead screw nut, anti-backlash, JSRM

- Material: iglide® J
- Thread direction: Right-hand thread
- Thread type: Trapezoidal threads
- Design: Standard
- Cylindrical lead screw nut
- Anti-backlash

Product description

Introducing the drylin trapezoidal lead screw nut, anti-backlash, JSRM from igus. Crafted from high-performance iglidur J polymer, this lead screw nut delivers exceptional efficiency at all speeds. Enjoy a low coefficient of friction for reduced wear, and a robust design that withstands temperatures up to +90°C. It's lubrication-free, maintenance-free, and chemical resistant, ensuring quiet and reliable operation. Perfect for a variety of applications, this nut is your durable solution for high-performance needs.

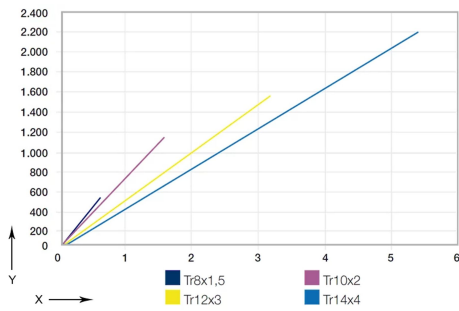
Additional information and diagrams



Wear test on a rolled trapezoidal lead screw

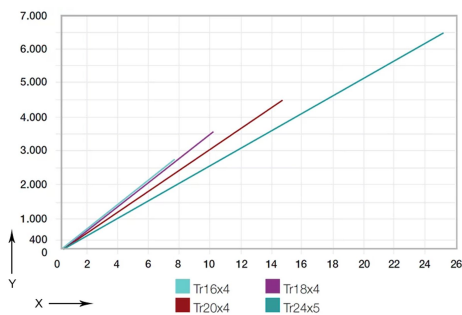
x = different materials
y = wear [mg/km]



**Required drive torque lead screw modules Ø8 to Ø14**Assuming $\mu = 0.25$, without considering the lead screw supports

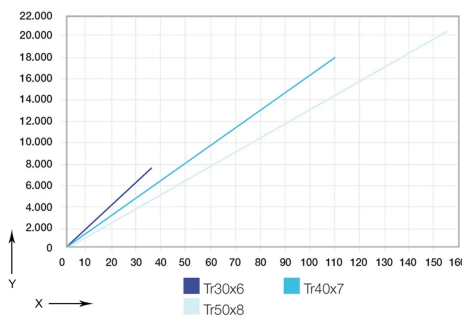
x = torque [Nm]

y = load [N]

**Required drive torque lead screw modules Ø16 to Ø24**Assuming $\mu = 0.25$, without considering the lead screw supports

x = torque [Nm]

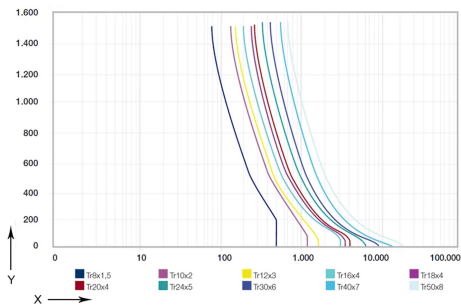
y = load [N]

**Required drive torque lead screw modules Ø30 to Ø50**Assuming $\mu = 0.25$, without considering the lead screw supports

x = torque [Nm]

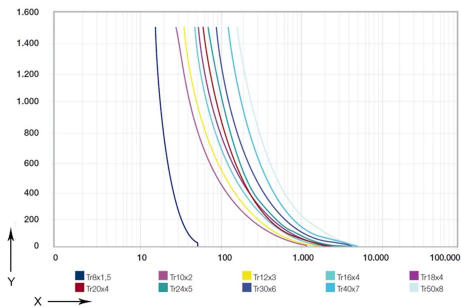
y = load [N]





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]