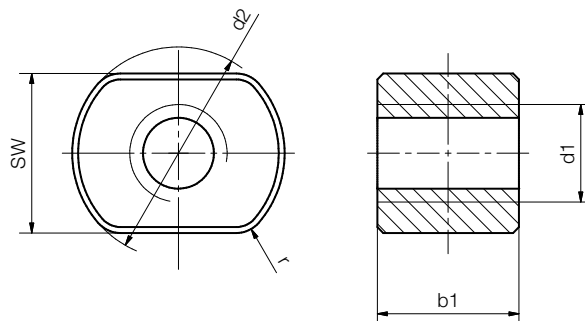
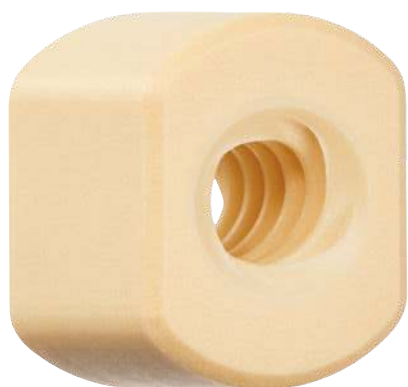


dryspin® lead screw technology

Cylindrical lead screw nuts with spanner flats**Lead screw nuts made from bar stock with anti-rotation feature (spanner flat)**

dryspin® lead screw nuts must be secured against rotation. However, the lead screw nuts are not designed for a press fit. We therefore recommend the use of spanner flat for securing.

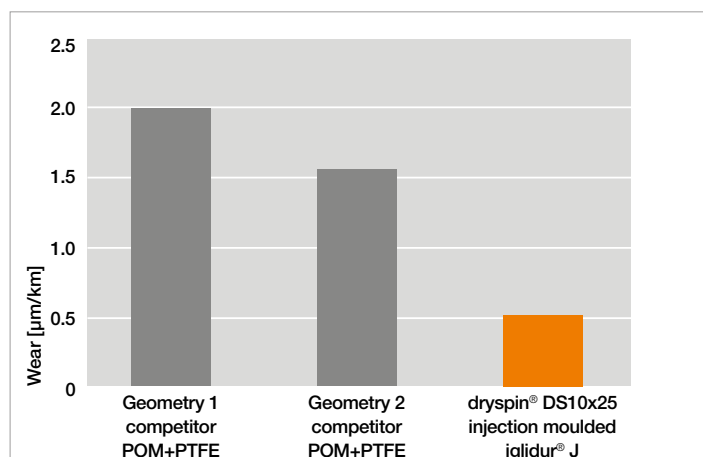
- Quiet operation
- Cost-effective production with injection moulding
- Up to 25% less wear compared to POM+PTFE
igus.eu/dryspin-testreports
- No lubricating grease or oil in the lead screw drive
- Online calculation tool for service life

Product range

Part No.	Thread d1 x P	d1 [mm]	d2 [mm]	b1 [mm]	SW [mm]
DST-□SLM-304540DS20X5	DS20x5	20	45	40	30
DST-□SLM-304540DS20X10	DS20x10	20	45	40	30

□ = Information about other materials and dimensions available online - igus.eu/leadscrew

Lead screw nut material	iglidur® J [°C]	iglidur® J350 [°C]	iglidur® R [°C]	iglidur® A180 [°C]	iglidur® E7 [°C]	iglidur® J200 [°C]
Maximum long-term application temperature	+90	+150	+90	+90	70	+90
Maximum short-term application temperature	+120	+150	+90	+90	70	+90
Min. application temperature	-20	-20	-20	-20	-20	-20



Wear after 630,000 cycles, 140mm stroke,
100rpm, 200N load, no lubrication