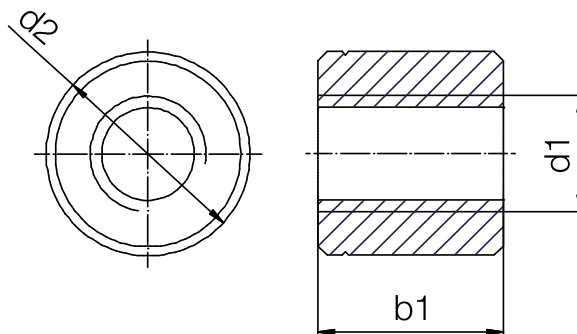


dryspin® lead screw technology

Cylindrical lead screw nuts



Lead screw nuts made from bar stock

The outer diameter of cylindrical lead screw nuts is not designed for a press fit. We therefore recommend the use of spanner flats. In practice, a screw mount has proven to be effective with low forces. Gluing lead screws nuts is not recommended. If however, the securing of the lead screw nuts by adhesives is planned, individual tests and iglidur® material compatibility are necessary in each case.

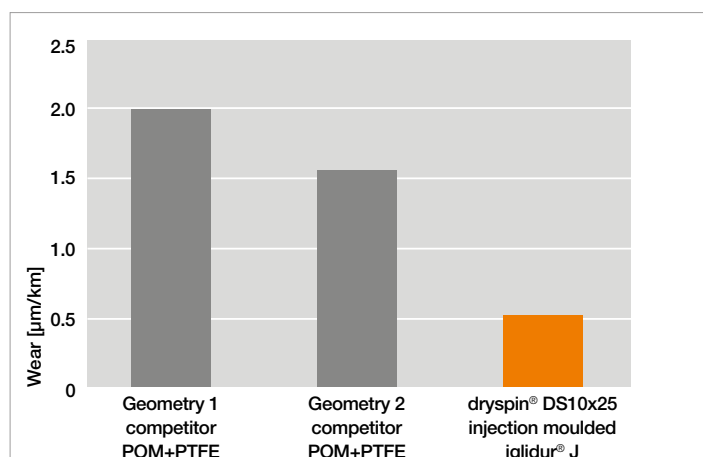
- Quiet operation due to tighter manufacturing tolerances and rounded tooth geometries by default
- Up to 50% lower cost than metallic lead screw nuts
- Up to 25% less wear compared to POM+PTFE (dimensions 10X3)
igus.eu/dryspin-testreports
- No lubricating grease or oil in the lead screw drive
- Online calculation tool for service life

Product range

Part No.	Thread d1 x P	d1 [mm]	d2 [mm]	b1 [mm]
DST-□SRM-6060DS32X5	DS32x5	32	60	60
DST-□SLM-1413DS6.35X25.4	DS6.35x25.4	6.35	14	13

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

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



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