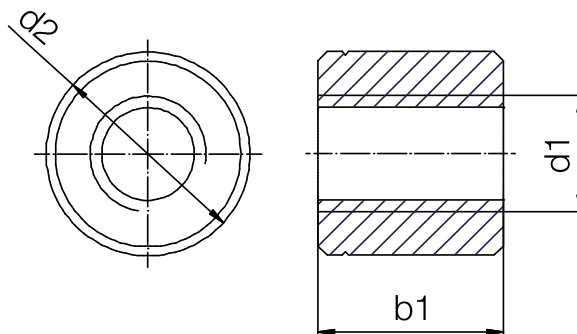


dryspin® lead screw technology

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.

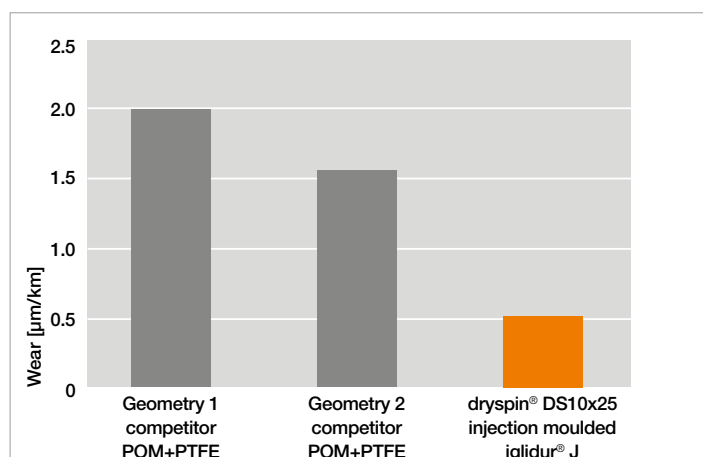
- Quiet operation
- Up to 50% lower cost than metallic lead screw nuts
- Up to 25% less wear compared to POM+PTFE
igus.eu/dryspin-testreports
- No lubricating grease or oil in the lead screw drive
- Online calculation tool for service life

Product range

Part No.	Thread d1 x P	d1 [mm]	d2 [mm]	b1 [mm]
DST-□SRM-1413DS3.5X1	DS3.5x1	3.5	14	13
DST-□SLM-4540DS20X5	DS20x5	20	45	40
DST-□SLM-4540DS20X10	DS20x10	20	45	40

□ = 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]	igidur® E7 [°C]	igidur® 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