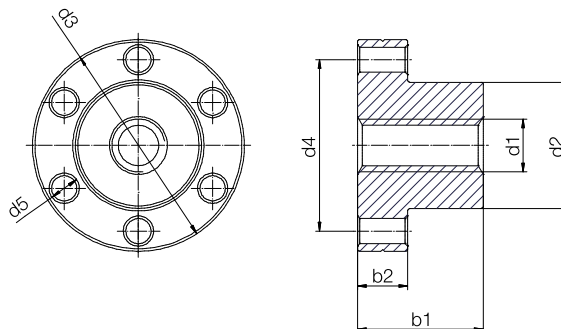


dryspin® lead screw technology

dryspin® lead screw nut with flange



Lead screw nuts made from bar stock

The maximum tightening torque for the flanged lead screw nut fastening screws is 2.5Nm. We recommend that assembly screws are secured with a semi-permanent thread locking glue. Metallic ferrules should be used for even higher tightening torques.

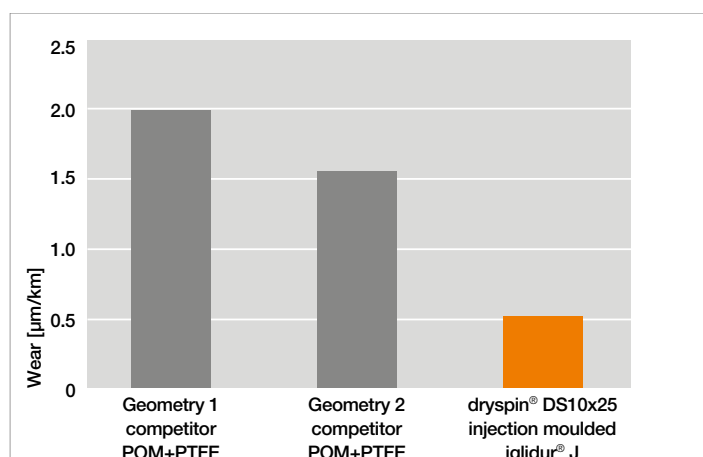
- Up to 50% lower cost than metallic lead screw nuts
- Up to 25% less wear compared to POM+PTFE
igus.eu/dryspin-testreports
- Online calculation tool for service life igus.eu/dge

Product range

Part No.	Thread d1 x P	d1 [mm]	d2 [mm]	d3 [mm]	d4 [mm]	d5 [mm]	b1 [mm]	b2 [mm]
DST-□FRM-0913DS3.5X1	DS3.5x1	3.5	9	18	15.2	3.2	13	3
DST-□FLM-3244DS20X5	DS20x5	20	32	55	45	7	44	12
DST-□FLM-3244DS20X10	DS20x10	20	32	55	45	7	44	12

□ = 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