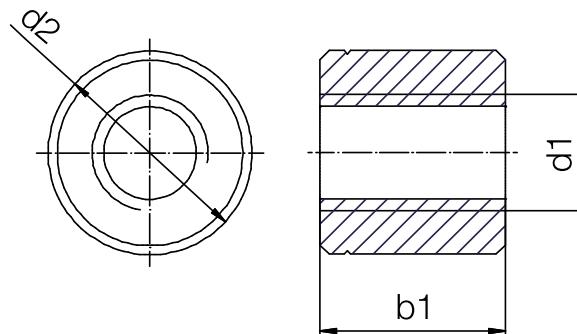


dryspin® lead screw technology

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 flat for securing. In practice, a fixing with external thread is effective. Gluing lead screw nuts is not recommended without testing first.

- 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

Thread	Direction of rotation	d1	d2	b1	Effective support surface	Max. static load iglidur®				Part No.				
						J	J350	R	A180					
						[mm]	[mm]	[mm]	[mm ²]	[N]	[N]	[N]	[N]	[N]
DS32x32	RH	32	60	60	2,317	5,793	5,793	4,634	5,793	DST-□SRM-6060DS32X32				

□ = choice of iglidur® materials

Thread	iglidur® J		iglidur® A180		iglidur® J350		iglidur® R	
	Efficiency	Coefficient of friction	Efficiency	Coefficient of friction	Efficiency	Coefficient of friction	Efficiency	Coefficient of friction
	η	μ	η	μ	η	μ	η	μ
DS32x32	52-74	0.1-0.25	52-65	0.15-0.25	52-62	0.17-0.25	47-58	0.2-0.3