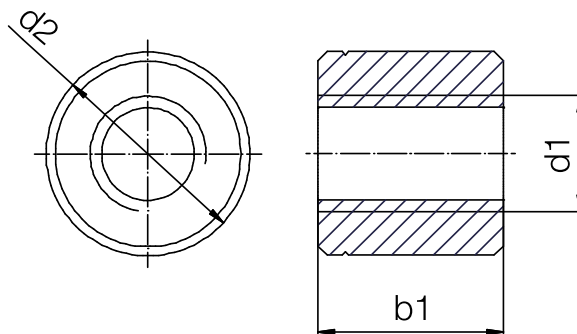


## dryspin® lead screw technology

## 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 screws 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](https://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] |                           | [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  | igidur® J  |                         | igidur® A180 |                         | igidur® J350 |                         | igidur® 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                 |