

## **Make adjustments to machine tools with igus now more quickly and cost effectively**

**Lead screw nuts in five different high-performance plastics available from stock**

**Whether heavy duty, temperature resistant up to 150 degrees or very cost-effective - there is the right material for any application in the machine tool industry in the expanded full range of drylin threaded nuts from igus. Under the motto "Safe 4.0", the motion plastics specialist igus presents its range to international trade visitors at the EMO 2015 in Milan in hall 3, fair stand E10 F07.**

Five different materials for drive nuts to enable the right product for any application - the motion plastics specialist igus promises this and shows its full range at the EMO in Milan. This includes nuts for trapezoidal and high helix thread, in cylindrical design or with various flange options. The matching lead screws that users can combine to the desired length is also offered by igus in steel, stainless steel or aluminium. Thus adjustments of all kinds can be easily made. Of most interest to the machine tool industry are the materials iglidur W300 and iglidur J350 and the low cost material iglidur R.

### **Different needs require different materials**

The endurance runner iglidur W300 is characterised by its high load capacity and high wear resistance. It retains its features even in abrasive environments and is therefore suitable for use in the interior of machine tools. iglidur J350 is recommended for the industry because of its temperature resistance up to 150 degrees Celsius. In combination with lead screws made of steel, the material also achieves low friction and guarantees a long service life.

'Safe use with simultaneous cost optimisation.' The material iglidur R shows that igus can also keep the promise of the motto for the EMO. The low-cost option of the drylin screw drive combines together durability, freedom from lubrication and an attractive price.

Like all plastics from igus, drylin screw drives have integrated solid lubricants, thus enabling a lifelong operation without external lubrication. Lead screw and nut thus remain dry during operation, whereby no dirt can stick on them. Thus, the drylin screw drives are very well suited for use in machine tools. Using the online configurator of the drylin threaded nuts, users can find the right product:

[www.igus.eu/screwdrives-productfinder](http://www.igus.eu/screwdrives-productfinder)

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**ABOUT IGUS:**

igus GmbH is a globally leading manufacturer of energy chain systems and polymer plain bearings. The Cologne-based family business has offices in 36 countries and employs around 2,700 people around the world. In 2014, igus generated a turnover of 469 million euros with motion plastics, plastic components for moving applications. igus operates the largest test laboratories and factories in its sector to offer customers quick turnaround times on innovative products and solutions tailored to their needs.

The terms 'igus, e-ketten, e-kettensysteme, chainflex, readycable, easychain, e-chain, e-chainsystems, energy chain, energy chain system, flizz, readychain, robolink, pikchain, triflex, twisterchain, invis, drylin, iglidur, igubal, xiros, xirodur, plastics for longer life, CFRIP, dryspin, manus and vector' are protected by trademark laws in the Federal Republic of Germany and internationally, where applicable.

**Captions:**



**Picture PM3115-1**

The full range of drylin drive nuts covers five different materials in different dimensions. (Source: igus GmbH)