

magsnap – magnetic adapter keeps e-chains on track

Quick easy retrofit for e-chain crossbars

Many of the innovative products from igus are driven by collaborations with customers for specific projects. The new “magsnap” magnetic adapter for e-chains is an example of exactly that. The small magnetic adapters, can easily be clipped on the crossbars of energy chains allowing new possibilities for hanging or circular applications.

The new "magsnap" was developed by igus to hold the energy chain run onto a metal surface which prevents the chain from swinging back and forth. This eliminates the need for installing a complete guide trough thereby saving cost, assembly time and weight. "The magsnap can be retrofitted quickly and easily even to existing systems. explains Christian Barthen, Global Product Manager for e-chains at the igus GmbH. "Two small magnetic adapters are simply clipped on to every fifth crossbar of an e-chain." If required, depending on the fill weight of the chain, even more crossbars can be equipped with the clips.

Quiet operation in the most varied applications

Possible applications include, material handling, crane applications with hanging energy chains or even fully automatic parking garages. In order to prevent unwanted noise, dampening elements are attached to each magsnap clip, so that the noise due to the attractive force of the magnet is reduced. The magsnap is also suitable for applications with rotary motions, where the chain moves within an enclosure (RBR – Reverse Bend Radius applications). Here the magnetic clips ensure that the chain is held onto the enclosure on the outer radius, allowing a simpler guiding structure.

Captions:



Image PM3814-1

The small magnetic magsnap clips are attached to the chain to hold it onto a metal surface and prevent the chain from swinging back and forth. (Source: igus GmbH)



Image PM3814-2

With the magnetic magsnap clips on the chain, the chain can be held onto a metal surface. (Source: igus GmbH)

PRESS RELEASE



PRESS CONTACT:

Oliver Cyrus
Head of Media and Advertising

igus® GmbH
Spicher Strasse 1a
51147 Cologne
Tel. 0 22 03 / 96 49-459
Fax +49 22 03 / 96 49-631
ocyrus@igus.de
www.igus.de/de/presse

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 35 countries and employs around 2,400 people around the world. In 2013, igus generated a turnover of 427 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.