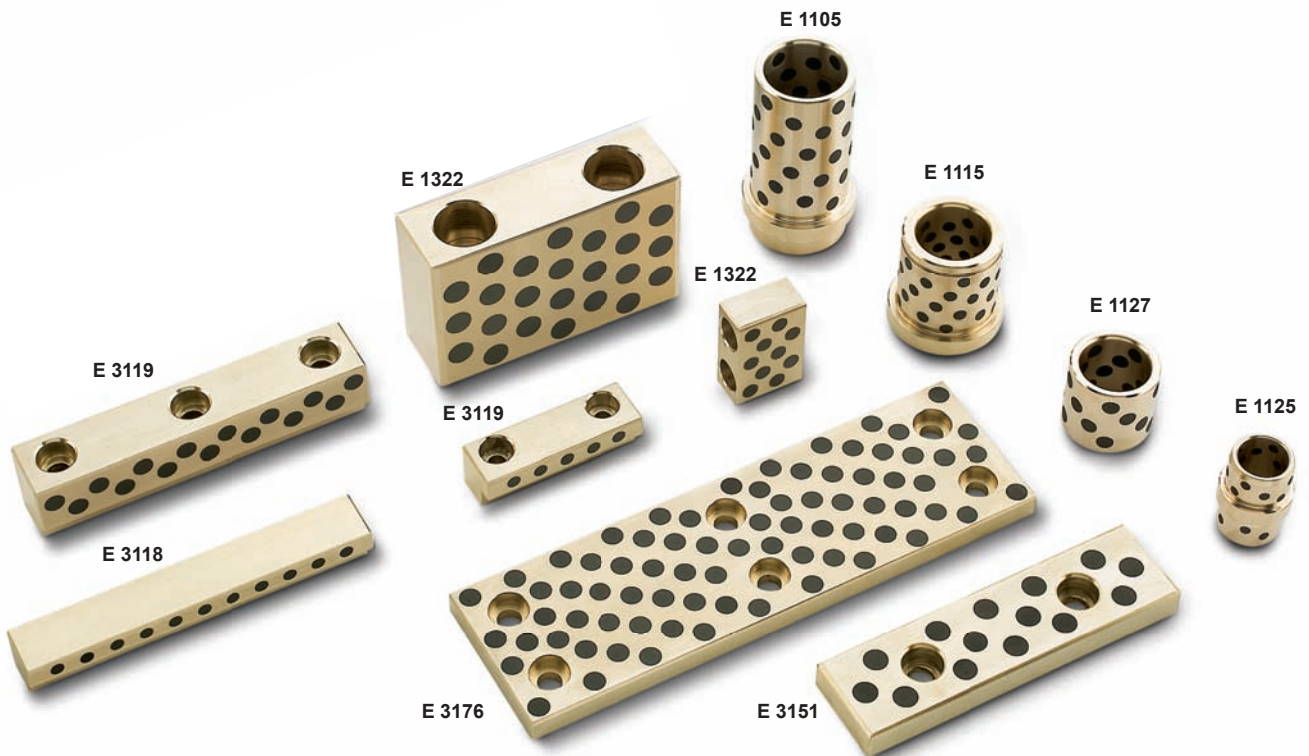


Gliding elements

self lubricating



When using self lubricating gliding elements having oil-soaked graphite inserts, some important details have to be considered.

Defining of the mounting allowances

The solid lubricating substances must have the necessary space to deposit within the gap. For this reason the adjustment space should be chosen to be bigger than for design with regular gliding parts. If the gap between the gliding parts is too small, this will inevitably cause jamming.

Initial lubrication

A thin grease layer applied in the phase of mounting helps to keep the wear in as little as possible and in the same time initializes the lubrication process. Commercial quality multi-purpose grease should be used. Grease types containing MoS₂ (e.g. Molycote grease) mustn't be used.

Servicing

A periodical checking of wear should be performed. On this occasion the gliding layer of solid lubricating substances that has been built up should not be removed. A thin grease layer should be applied after each demounting. Self lubrication gliding components must not be cleaned with ultrasonic cleaner as the solid lubricating substances may brake off.