

# MACHINERY DIRECTIVE 2006/42/EC

## PEM® PANEL FASTENERS PROVIDE FIXED SCREW SOLUTION FOR EC MACHINERY DIRECTIVE

The new machinery directive, effective 29<sup>th</sup>, December 2009, imposes strict safety requirements for the fastening of machine guarding and the ergonomics of operator equipment.



### **Section 1.4.2.1 of Machinery Directive 2006/42/EC states:**

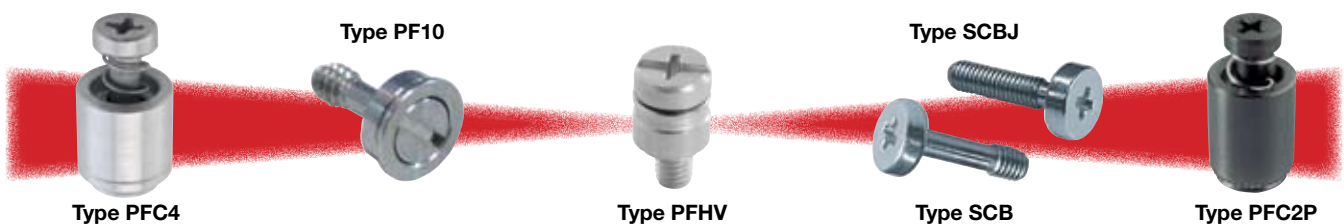
- **Fixed guards must be fixed by systems that can be opened or removed only with tools.**
- **Their fixing systems must remain attached to the guards or to the machinery when the guards are removed.**
- **Where possible, guards must be incapable of remaining in place without their fixings.**

PEM® threaded captive panel screws are specifically designed to be installed permanently into thin metal panels. This makes them ideal for addressing Machinery Directive 2006/42/EC which requires fixing systems to remain attached to guards or machinery when the guards are removed.



PEM® panel fasteners eliminate loose screws which will no longer be acceptable to retain fixed guards. The elimination of loose screws also speeds maintenance and ensures against lost hardware either inside or outside the machine. Select PEM® panel fasteners also have a standard anti cross-threading feature to protect from damage which may occur with improper thread engagement.

Installation is easy. PEM® panel fasteners are simply placed in a prepared mounting hole, then squeezed into place using any type of parallel acting press. Most are flush on the backside of the panel for a clean appearance and ease of assembly.



PennEngineering®



PEM EUROPE

Mervue Industrial Estate, Galway, Ireland  
Tel: +353-91-751714 • Fax: +353-91-753541  
www.pemnet.com • galway@pemnet.com