

PRESSE RELEASE

Supply system/ Construction/Aviation/Maintenance/ Drive technology/ Mechanical elements/ Plant engineering

New shims with a laser-welded edge connection



The new laser-welded M-Tech®P shims from MARTIN offer clear handling advantages. They also make the use of environmentally harmful adhesives during manufacture unnecessary while dispensing with the risk of the chemical contamination of lubricants through diffusing adhesive ingredients.

Where glue was previously used in places to combine M-Tech®P shims from MARTIN into packages of shims of equal or different thicknesses, they are now spot welded at the edge or laser-welded over a defined section of the circumference! This is done with such fine precision, however, that the user can easily separate the individual films from one another by hand.

In addition to easy handling, the new laser-welded shims from MARTIN offer even more advantages: there is no longer any need to apply environmentally harmful adhesives during manufacture and when you use the shims, there is no risk of diffusing adhesive ingredients chemically contaminating the lubricants. On top of this, no smoke develops at higher temperatures, nor does the laminating adhesive between the layers become conspicuous through severe setting behaviour. Thanks to their laser-welded edge connection the new M-Tech®P shims from MARTIN are not only easier to use, they also open up additional areas of application in and around roller bearings and in high-temperature applications.

Laser-welded M-Tech®P shims can be adapted to suit customers' individual requirements with regard to the sheet metal thickness combination and shape. With individual shim thicknesses of 0.025 mm, package thicknesses of 0.2 to 5.0 mm can be realized. The following materials are available: aluminium, stainless steel, non-rusting steel, strip steel and spring steel, brass and copper.



Functional upgrade: The new M-Tech®P shims from MARTIN are now also available in an edge-welded version.