Press Service
SOLA-Messwerkzeuge GmbH
(SOLA Measuring Tools)

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SOLA develops new magnet installation method for spirit levels

Lateral magnet installation method has impressive benefits for users

SOLA has developed a completely new installation method, specifically for magnetic spirit levels, where the magnets are inserted into the profile from the side. This brings considerable advantages for the user in terms of precision, adhesive force, cleanliness and safety.

Smooth and clean measuring surface
In standard magnetic spirit levels, the magnets are installed directly into the measuring surface. However, the lateral magnet installation concept developed by SOLA has the clear advantage of leaving the measuring surface entirely smooth. Impractical recesses on the spirit level's measuring surface are a thing of the past – the recesses tend to collect dirt and metal chips, which are difficult to remove. The smooth measuring surface is easy to clean, allows for precise work and also reduces the risk of scratches on sensitive painted surfaces. This also reduces the risk of injury caused by metal chips which adhere to the magnets.

Excellent adhesive force
The laterally installed, extra-strong neodymium magnets are 'rare-earth' magnets and ensure the highest adhesive force – whether they are positioned horizontally or vertically. The magnetic spirit levels guarantee a strong hold, without slipping, even on pipes and painted or curved steelwork components. They are ideal for any type of work which benefits from hands-free operation, such as aligning and adjusting metal posts or beams, and aligning wall and ceiling profiles during drywall installation.

Greatest possible stability
The laterally installed magnets are particularly useful for situations where the spirit level is exposed to heat generation or vibrations. This installation method makes it impossible for the magnets to loosen or be pulled out, and they always stay securely installed.

Lateral magnet installation in SOLA aluminum profile spirit levels
From April 2020, all magnetic SOLA aluminum profile spirit levels will be switched over to lateral magnet installation. This includes the very popular, red-coated models REDM and BIG REDM, as well as the classic spirit levels AZM (gold anodized) and AVM (silver anodized). All magnets will be installed laterally in new products too from now on, as well as in the magnetic variant of the digital spirit level RED digital and in the MRMI Installation.

www.sola.at

Number of characters: 2,411 (including spaces); number of words: 367

Image Overview

The following images in print resolution form are available to download for publications:
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File: sola_pic_app_ww_redm3_80+bigredm3_120_004
Caption: The SOLA magnetic spirit levels impress with the brand-new lateral magnet installation method.
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File: sola_pic_prd_ww_redm3_80_det_magnet1
Caption: With lateral magnet installation, impractical recesses on the measuring surface are a thing of the past.
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File: sola_pic_app_ww_redm3_80_003
Caption: Lateral magnet installation allows for a smooth measuring surface for clean and precise work.
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File: sola_pic_app_ww_redm3_80_004
Caption: The extra-strong neodymium magnets guarantee a strong hold, even on pipes and painted or curved steelwork components.
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File: sola_pic_app_ww_redm3_80_001
Caption: The lateral installation method means that it is impossible for the magnets to loosen or become damaged if the temperature rises.
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About SOLA-Messwerkzeuge GmbH:
Since 1949 the SOLA brand has meant high precision measuring and marking tools. As market leader in premium spirit levels, the Austrian company manufactures a wide range of products, including screeding levels, folding rules, long and short tapes, squares, marking products, laser distance meters and a customized laser program. SOLA's approach is to develop and continuously optimize its products to match its customers' requirements as closely as possible. SOLA Measuring Tools are sold in 70 countries around the world. 75% of all products are manufactured in Götzis, Austria, where the headquarters and production facility are located. This is where 200 employees develop, produce and distribute a product range of more than 1,500 products. The high quality standards that SOLA has set for itself are subjected to constant control in the company's own laboratories and testing facilities. Find out more at www.sola.at

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