BERGER TOOLS
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A New Take on Indexing Plungers

Indexing plungers can be found practically everywhere. And Berger has them in every shape, size and type. The market leader in standard parts has now added yet another version: the indexing plunger with operating lever.

When it comes to standard parts, indexing plungers are among the classics – they are simply indispensable across a wide range of applications, and Berger has no shortage of different types in its product range. And yet, the experts at Berger still keep finding new niches for indexing plungers with special features, dimensions or functions.

The GN823 was designed to fill just such a niche – an indexing plunger with a lever. This allows the plunger to be operated easily with just a finger, by raising or lowering the lever, even while wearing thick work gloves or when the indexing plunger is situated out of sight. For example, wheelchair users can make adjustments in hard-to-reach places on the back or sides of their wheelchair where they can't see. The lever also directly signals how it should be used, making it an intuitive and convenient solution.

The GN823 is available in two installation options: for screw fastening with a short standard or fine screw thread in size M10 to M16 or for welding with a surface mounting flange that has two fixing holes on the side. All parts, in other words, the guide, plunger pin and pressure spring, are made of corrosion-resistant stainless steel. The lever, made from black glass fibre reinforced polyphthalamide (PPA), holds up even under harsh operating conditions. The lever of the screw- on variant rotates by 360 degrees, and the variant with flange can be selected in a version with anti-twist protection, if desired.

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The lever is then oriented parallel or perpendicular to the mounting direction, which helps with out of sight operation, for example. In type B, the lever causes the pin to be retracted, in other words disengaged, by pressing the lever down by about 60 degrees. In type C either pressing or raising the lever allows the plunger pin to be disengaged. Raising the lever still further, past the dead point, causes it to re- main in that position, preventing the pin from re-engaging.

The lever-operated indexing plungers are available with plunger pin diameters from 4 to 10 mm, making the GN823 suitable for both delicate installation situations and robust industrial applications. With its di- verse range of variants, the GN 823 offers practical solutions with cleverly designed details – just what you would expect from Berger.

More information on Berger standard parts can be found on our website at **www.berger-tools.co.uk**