BERGER TOOLS
A Ganter Company

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Indexing Plunger Tips for Special Requirements

With the indexing plunger GN81700, Berger Tools is once again closing a gap by introducing seven new variants with specially shaped tips, available in various materials for different applications.



Indexing plungers are classics in the Berger Tools product range: they have been a diverse and indispensable part of our catalogue for half a century. They serve to lock, position, secure, close or hold – all in a compact design with self-explanatory operation. Because the possible applications are so diverse, an entire product family of standard designs has emerged, each specialised and optimised for very specific tasks. Now the family has grown once again.

The standard part experts at Ganter identified further gaps and closed them with new, application-specific solutions. This time it is all about the design of the indexing plunger tip, or more specifically, its shape and material. In this way, GN 81700 further expands the indexing plunger choice. Seven different tips have been developed, which extend the spectrum of applications with new and useful features.

For example, plunger pin type KA has a rounded tip of easily gliding glass fibre-reinforced PPA that leaves no marks or scratches on sensitive surfaces – while the metallic part of the pin still ensures a non-positive engagement. Plunger pin type MA achieves a very similar effect with its brass pin that also slides gently over sensitive surfaces while offering extremely smooth operation thanks to the favorable friction pairing between the guide and the plunger pin. Type SB makes indexing holes easier to find, with a self-centering conical tip that effortlessly passes over raised areas.

The spherical tip of type SC ensures reliable engagement in tapered holes and allows it to pass over low edges, functioning similar to a spring plunger. Plunger pin type SD has a cylindrical shape that is ideal for shallow detent bores in applications where deep holes or through holes are not possible. And Berger Tools' selection now also includes some very special variants: the cylindrical pin shapes SE and SF end in an external or internal thread, allowing them to be extended with rods, for example for use as actuating elements. Entirely new applications are possible by combining the above plunger pin types with guide bushings DIN179 and dowel pins DIN7979.

All indexing plungers in the GN81700 family can be ordered with or without a rest position, with or without a lock nut and in blackened steel or stainless steel. Despite their special character, they are available immediately from stock without any minimum quantities.

More information on Berger Tools can be found on the internet at **berger-tools.co.uk**

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