

Indexing plungers for self-adjustment



Photo: Top GN 817.8, GN 817.9 below

Elesa+Ganter has produced standard indexing plungers for over 30 years, the same period of time in which the market leader looks back on customised solutions in a wide variety of different designs. The special “adjustable” indexing plunger is now also available as standard element.

Prototype designers and special machine builders are familiar with the dilemma: A seemingly trivial element suddenly causes problems because it is needed in a highly specific shape or dimension. If this involves an indexing plunger, Elesa+Ganter can realise individual requirements such as these without any problem – although only with a certain economy of scale.

To help its customers nonetheless, Elesa+Ganter now offers the indexing plungers GN 817.8 and GN 817.9, two elements for customisation starting from unit quantities as small as 1.

The first feature open to adjustment is the useful length of the indexing pin and the shape at its tip. Blunt, conical, ball-shaped or threaded, these are just some examples of the appearance of the indexing pin. Besides the option of adapting the stainless steel pin supplied with the assembly, self-made plungers can also be integrated, for instance when hardening needs to be done in addition. The pin is mounted with a countersunk screw passing through the knob, with the effect that the pin can be exchanged or optimised any number of times.

Special in the standard design – this standard element adapted for individual solutions can be scaled up relatively quickly. In principle identical with the standard indexing plungers GN 817 and GN 817.1, special designs on this basis can so be made in larger and therefore more economical unit quantities – for example in cases where a prototype is to evolve into a volume product.

Several design variants of the indexing plungers are available for each standard: With or without indexing lock and with pin diameters ranging from 7 to 12 mm. The indexing lock is important if the pin is to be fixed in the retracted position – turned by 90 degrees, the knob then safely engages in the guide notch.

Find out more at www.elesa-ganter.com

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