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THE BEST OF BOTH WORLDS:

FULLY AUTOMATIC INSERTING UNIT STÖGER KLB WITH B&M KL PLUG®

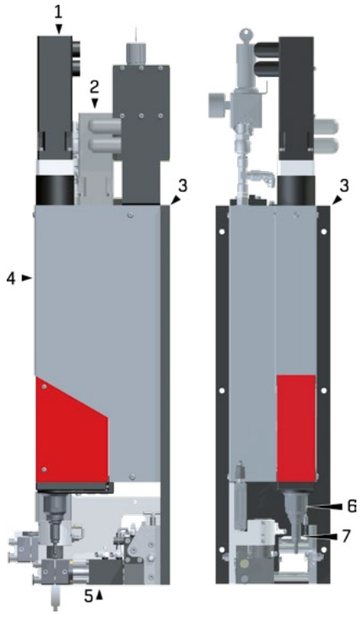
Fully automatic inserting unit for b&m KL PLUG® with patented quality control

The inserting unit with force-displacement measurement is designed for fully automatic processing of b&m KL PLUG®s. The load cell with a measurement accuracy of 0.05% allows highly accurate monitoring of the insertion process up to a force of 25kN. The cycle time for an insertion process is 5-7 seconds.

The system can be used in a stationary setting, in transfer systems, rotary table systems or robot systems. The b&m KL PLUG®s are singulated in a feed system as bulk materials and automatically fed into the correct position via a flexible feed tube in relation to the inserting unit.

Advantages of the STÖGER KLB

+ Functional check of the thread during winding in and out, incorrectly detected b&m KL PLUG®s are automatically ejected and replaced
+ 100% success control thanks to force sensor



Technical data

Zustellhub	125 mm
Ziehkraft	25 kN
Gewicht	approx. 40 kg

1 Servo drive (for drawing tool)
2 Servo drive (for turning)
3 Installation plate
4 Integrated load cell
5 Loading device
6 Inserting head with integrated stroke
7 Drawing tool

b&m KL PLUG®
A closure and sealing system for bores with and without compressive stresses

The b&m KL PLUG® product family, manufactured in Germany, offers a wide range of material and geometry alternatives for your application. New application-specific developments are also possible.

Advantages

+ Sealed to 30 bar without additional additives
+ Available in different materials
+ Available in different diameters
+ Avoidance of dead spaces
+ Compliance with current cleanliness requirements
+ Significant weight advantages compared to conventional solutions
+ No waste products generated after installation
+ High degree of automation incl. process monitoring possible
+ Dismountable
+ Geometry adaptable to specific applications

Application examples

- Battery housing
- Electric motor
- Power electronics
- Pumps
- Gearbox
- Cylinder head
- Turbocharger
- Engine blocks