



## **b&m-KL PLUG<sup>®</sup>**

Closing and sealing element for bores  
and channels

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### Closing and sealing element for bores and channels

The b&m-KL PLUG® can be used universally and works like a blind rivet nut that closes off and seals the bores with its customized geometry. It can also be adapted to individual requirements. Moreover, its installation is straightforward, waste-free, and optimized for cost and weight efficiency.



## Functional principle

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As a one-piece element, the smart plug combines the technology of a blind rivet with that of a closed blind rivet nut. It is reshaped during the installation process and closes the component.



Before assembly



Predetermined breaking point tears – spreading element is pulled into the sealing body



Assembly process completed

## Features

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- **Diameter:** 6 mm – 24 mm
- **Material:** steel, stainless steel and aluminum depending on the counterpart material
- **Coating:** according to specifications
- **Operating pressure:** pressure resistance up to 30 bar
- **Operating temperature:** can be deployed from  $-40\text{ }^{\circ}\text{C}$  up to  $+300\text{ }^{\circ}\text{C}$

## Benefits

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- Allows for assembly without chips, burrs, and particles
- Fast and cost-efficient installation with standard tools in a stable process
- Disassembly without damaging the counterpart
- Bores can be reused– no repeat preparation required
- Promotes a high degree of automation
- Intelligent alternative to conventional solutions such as expanders, screw plugs, press-fit balls, and multi-part closing systems





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