BÖLLHOFF

NEW **FLEXITOL® Plastic**

Efficient tolerance compensation system
– high-performance, compact, cost-optimised

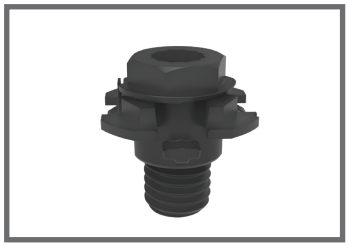
Discover our new and innovative FLEXITOL® Plastic for automatic tolerance compensation:
High-performance, compact, cost-optimised.

Function

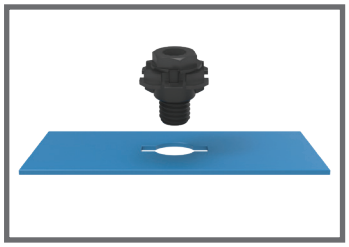
This two-piece, all-plastic component provides reliable fastening within the customer's component via a quarter-turn mechanism. It allows for both axial and radial tolerance compensation and offers impressive torque capacity. Our system meets the highest functional requirements whilst keeping system costs low. Perfectly suited for bridging a tolerance-related gap between two components when screwing in the screw.
Optimise your manufacturing processes with our new and cost-effective tolerance compensation system.

Your benefits at a glance

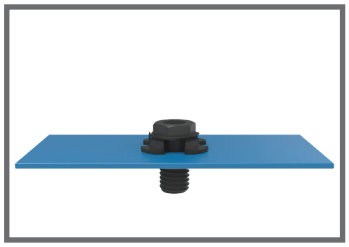
- Cost-optimised all-plastic component
- High torque capacity
- No separate mounting thread required
- High operating loads
- Supplied pre-assembled and ready for use
- Quick installation thanks to bayonet mount (quarter-turn mechanism)
- Customisable
- Optionally available as push-on or K' in K' variant



FLEXITOL® Plastic – the full-plastic tolerance compensation system



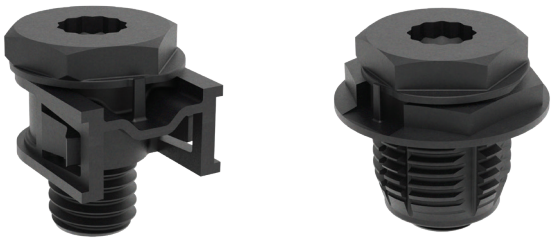
Installation of FLEXITOL® Plastic



¼ turn to lock the FLEXITOL® Plastic into the mounting component

Variants

The new FLEXITOL® Plastic is available in three basic variants, which differ in terms of how they connect to the customer's component. In addition to the standard bayonet variant with its tried-and-tested quarter-turn mechanism, a push-on variant for tool-free plug-in mounting and a K' in K' variant for integration into existing plastic mounts are also available. All variants can be flexibly adapted to different wall thicknesses of the customer's mounting brackets, thus enabling optimal adaptation to the respective component and installation requirements.



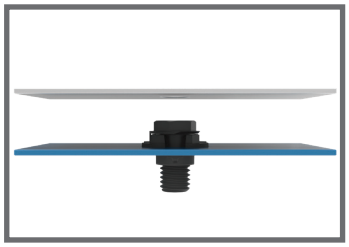
Application example

The automatic tolerance compensation in a headlamp ensures that any gaps arising between the headlamp and the bodywork during assembly are precisely compensated. When a standard M6 screw is screwed in, varying distances adjust automatically — delivering an optimal fit and perfect alignment without any manual intervention.

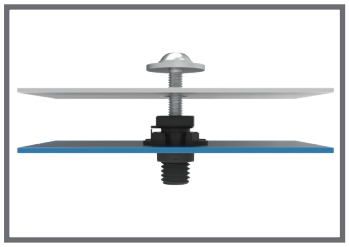
Automotive engineering meets 360° Joining Technology

Other potential applications

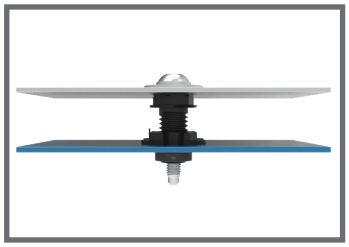
- Interior
- Rear lights
- Front end



Aligning the attachment



Inserting the screw



When tightened, the adjustment element rotates outwards and compensates for the gap between the components

BÖLLHOFF

Passion for successful joining.

Böllhoff Group
Competence leader in 360° Joining Technology

Find your local partner at www.boellhoff.com or contact us at fat@boellhoff.com.

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