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**ABUS Magtec – the locking system for the highest security requirements with maximum flexibility**

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* **High-end key copy protection thanks to magnet**
* **Highest security level in accordance with DIN EN1303 and   
   IKOB-SKG as standard equipment**
* **Modularity as standard for maximum flexibility**
* **Magtec is produced climate-neutrally “made in Germany”\***

**Wetter/Ruhr – While most mechanical locking systems rely on sophisticated tumblers in the cylinder when it comes to security, ABUS goes one step further: in the new Magtec system, a magnetic element in the key provides high-end key copy protection.**

Both 3D printers and intelligent key cutting machines are now capable of reproducing sophisticated key designs – but not an integrated magnet. ABUS makes use of exactly this fact with the Magtec locking system: the magnet in the key communicates with the interrogation module in the lock cylinder.

**Certified security at the highest level**

With key related security class 6 and attack resistance class D, the system fulfils the highest requirements of DIN EN 1303. The independent SKG test institute has also classified the Magtec system in the highest security class SKG\*\*\*. This certification guarantees very effective protection against intelligent methods of overcoming the locking system, for example, by picking or forcing open the plug.

**Future-proof investment with flexibility**

The up to 4 tumbler levels allow maximum flexibility and scope for subsequent modifications in the key system. In addition, Magtec profile cylinders always have a modular design and can be modified in length.

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This means they can be quickly adapted to the dimensions of a new door and thus optimise installation.

**\*Climate-neutral production in Germany**

Not only secure, but also resource-saving and environmentally friendly: this is shown by the official Product Carbon Footprint (PCF) of the Magtec locking system, which records and evaluates all CO2 emissions along the production chain. Which raw materials are used, which processes are utilised and how are they transported? ABUS is addressing a wide range of product-related issues in order to gradually move towards climate-neutral production, which is an integral part of the Group-wide sustainability strategy. As the ecological footprint shows, technological progress and the use of sustainable materials mean that around half of the CO2 emissions are already saved in the production of Magtec compared with conventional manufacturing. The remaining emissions are offset by a certified climate protection project in India in cooperation with the organisation "Climate Partner".

Further information on compensation of CO2 emissions can be found at www.climatepartner.com/18026-2212-1001