**Simplify assembly processes and save time**

**The new components
from the item MB Building Kit System**

**Sophisticated, stable, reliable and strong – these are all words that can be used to describe the new components of the** [**item MB Building Kit System**](https://www.item24.de/en/productworld/building-kit-system.html)**. Automatic T-Slot Nut V 8 St M6, for example, enables users to quickly attach accessories and panels to aluminium profiles. Its tapered flanks help to guide it into the correct alignment, and it automatically finds the correct position in the groove. Stand Foot Set 8 St 160x160 can be used to easily install free-standing enclosures and guards, and securely fasten them to the floor using appropriate accessories. The new Transport Plates provide a stable lifting point for frames so they can be hoisted easily and securely. Another new addition to our portfolio is the ESD-safe Caps in various sizes and Cover Profiles ESD for Profiles 5 and 6.**

The new components from the item MB Building Kit System speed up and simplify assembly processes. The stainless [Automatic T-Slot Nut V 8 St M6](https://product.item24.de/en/directlink/pro/68420) is preassembled with an M6 screw and, when inserted, positions itself in the profile groove entirely independently thanks to its tapered flanks. This eliminates the need to insert and align the T-Slot Nut separately. This comes in particularly useful when working with components that are fixed in place with multiple screws. Thanks to the integrated anti-torsion feature, similar to a Hammerhead Nut, the T-Slot Nut finds the correct position when the screw is tightened and ensures the correct orientation for load transfer. Disassembly can be completed in next to no time, too.

**A Stand Foot for various safety concepts**

Another new addition that speeds up assembly is [Stand Foot Set 8 St 160x160](https://product.item24.de/en/directlink/pro/69995). This is anchored to the ground, provides a strong and secure hold, and takes up minimal space. As a result, free-standing enclosures and guards can now be fastened to the floor in next to time. Profiles 8 80x40 or 8 40x40 are screwed into the profile grooves using the Stand Foot Set. This can be done by creating either a static or dynamic connection. Through holes are used to maintain a rigid, mechanically locked connection. Attaching the profiles via the Stand Foot slot makes it possible for impacts and stresses to the guard to be absorbed. If severe collisions occur, this can be immediately identified by the screw fixings, meaning guards can be checked for damage at a glance.

**Lifting loads securely**

[Transport Plate Set 8 80x40 St, M10](https://product.item24.de/en/directlink/pro/69819) and 8 80x80 St, M10 in conjunction with Lifting Point M10, WLL 0.4 t, rotating make it possible to safely transport hanging loads. To do this, the Transport Plates are screwed to the core bores at the end face of Profiles 8 80x40 or 8 80x80. Once the pink Lifting Point has been screw-fastened to thread in the Transport Plates, loads of up to 4,000 N can then be hoisted, and the Lifting Point can still be rotated by up to 360°.

**Effective ESD protection**

Other new additions to the item MB Building Kit System include [Caps ESD](https://product.item24.de/en/directlink/pro/69648) and [Cover Profiles ESD](https://product.item24.de/en/directlink/pro/67540). These provide protection against electrostatic discharge. The Caps, which feature rounded-off edges and are made of glass-fibre-reinforced plastic, are simply pressed into the core bores of the aluminium profiles. They cleanly cover cut edges and prevent dirt and dust build-up. The Cover Profiles also prevent soiling, as they completely close off the groove. If these profiles are inserted with the open side facing upwards, they can be used to secure panel elements. The Cover Profiles are made of an electrostatically dissipative plastic, making them suitable for ESD-safe structures.

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**Photos:** 3 (source: item)

**Caption 1:** The stainless Automatic T-Slot Nut V 8 St M6 is preassembled with an M6 screw and, when inserted, positions itself in the profile groove entirely independently thanks to its tapered flanks.

**Caption 2:** The new Stand Foot Set 8 St 160x160 is used to quickly fasten free-standing enclosures and guards.

**Caption 3:** Transport Plate Set 8 80x40 St, M10 and 8 80x80 St, M10 in conjunction with Lifting Point M10, WLL 0.4 t, rotating make it possible to safely transport hanging loads.

**About item**

item Industrietechnik GmbH is a global market leader in building kit systems for industrial applications and employs 900 members of staff worldwide, 750 of whom are based in Germany. It has been designing and marketing construction solutions for machinery, fixtures and plants since 1976. Today, the item product portfolio comprises more than 4,000 high-quality components designed for use in machine bases, work benches, automation solutions and lean production applications. Thanks to the inclusion of transport solutions and dynamic elements, the company’s products can cover virtually all working processes, from manual production to automated manufacturing. The highly skilled employees work day in, day out to develop innovative solutions for state-of-the-art mechanical engineering and also offer exceptional consulting services. item is headquartered in Solingen, Germany. Eleven branches and support centres ensure the company is always close to customers in Germany. The group has wholly owned subsidiaries in the USA, China, Mexico, Italy, Poland and Switzerland.

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