**Protective Cover, Braking Roller Set and Fasteners with Clamp Lever**

**New products in the
Lean Production Building Kit System from item**

**Designed to protect profiles, reduce strain on components and fix assemblies in place – the new products in the** [**Lean Production Building Kit System**](https://product.item24.de/en/products/product-catalogue/products/profile-tube-system-d30-1001544172/) **from item can be used to optimise lean production workflows and processes. Thanks to the new Protective Cover R28 for Fastener D30, frames can be fully clad with an elastic covering, which provides all-round protection. The new Braking Roller Set D52-95 M6 ensures assemblies move steadily in Karakuri applications and prevents frames and goods from being exposed to excessive strain. To ensure constructions can be flexibly modified to meet new requirements, it’s important that Profile Tubes can be quickly attached and released again – and the new Fasteners with Clamp Lever are perfect for this.**

D30 aluminium profiles and fasteners can be assembled to build sturdy constructions for lean production. As the market leader in building kit systems for industrial applications, item is constantly developing new components to optimise production processes and reduce costs. For instance, the new Protective Cover R28 for Fastener D30 provides scratch protection and can be retrofitted. It comprises two half shells that securely clip together, completely covering the Fastener D30 with no tools required. The Protective Cover can be attached to all key intersection points and easily removed again. When combined with Protective Cap D30-9 and Protective Profiles D30, it helps provide all-round protection, as the protective components encompass tubes and fasteners with a flush-fitting covering. Protective Cap D30-9 R28-90° is available for free-standing profile ends. Protective Cover and Protective Caps are also available in optional ESD-safe designs.

**Depleting excess energy and adapting constructions**

Braking Roller Set D52-95 M6 from item ensures assemblies move steadily. The braking effect is low when the roller is turning slowly and increases as speed accumulates. This reduces the mechanical strain on frames and moving elements. The Braking Roller is suitable for transporting moderately heavy containers and goods weighing up to 15 kg. It can be fitted to any Line 8 system groove with screws and T-Slot Nuts. Other new additions from the current product catalogue include Fasteners with Clamp Lever. These can be used to quickly adapt assemblies to suit new requirements if constructions need to be reconfigured due to changes to processes and production sequences. Profile Tubes can be fixed in place in next to no time, and test structures and assembly aids can be built in a few simple steps. This new component is available in two designs – Fastener D30 with Clamp Lever and Parallel Fastener D30-60 with Clamp Lever. What’s more, Locking Ring D30 with Clamp Lever offers a flexible, adjustable solution for Profile Tubes D30. All Clamp Levers are part of the award-winning operating elements Pi range and boast an ergonomic, easy-to-grip shape, caps in contrasting colours and pushbuttons.

All the new products in the Lean Production Building Kit System can be found online at <https://product.item24.de/en/products/product-catalogue/products/profile-tube-system-d30-1001544172/>

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**Caption 1:** Thanks to Protective Cover R28 for Fastener D30, frames can be fully clad with an elastic covering, which provides all-round protection.

**Caption 2:** Braking Roller Set D52-95 M6 ensures assemblies move steadily, while preventing excessive strain on frames and moving elements.

**Caption 3:** Profile Tubes can be fixed in place quickly and easily using Fasteners with Clamp Lever, which enable assemblies to be flexibly modified to meet new requirements.

**About item**

item Industrietechnik GmbH is a global market leader in building kit systems for industrial applications and employs around 500 members of staff. It has been designing and marketing construction solutions for machinery, fixtures and plants since 1976. The product portfolio comprises more than 3,500 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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