**New additions to the item online tools**

**Constructions made to measure
thanks to the item Engineeringtool**

**Digitalisation is making steady strides in mechanical engineering. item has recognised the signs of the times and is offering the Engineeringtool as a digital solution that provides support throughout the entire engineering process – from the initial idea right through to ordering components. This intelligent software is also constantly being expanded to meet the ever-growing demands placed on constructions in mechanical and factory equipment engineering. The** [**item Engineeringtool**](https://welcome.item24.de/engineeringtool) **can now be used to modify multiple profile lengths at once and position a variety of drilled holes and threads. When dealing with constructions made of (Profile) Tubes from the Lean Production Building Kit System with Ball Joint Fasteners, the program automatically adds the second Ball Joint Fastener and sets the correct angle. This makes it even quicker and easier to implement custom constructions.**

New functions and more options – the newly overhauled Engineeringtool from item provides the best possible support for mechanical and factory equipment engineers. It’s now even quicker to make adjustments and modifications, and users can select multiple profiles while also setting them to specified dimensions. This means all the vertical and horizontal struts of a rack, for example, can be conveniently adjusted in a single step. Users can visually monitor the modifications made at all times. In addition, theengineering software now supports measurement of the distance between two profiles. The program displays the clearance, enabling users to adhere precisely to the required dimensions and open spaces for racks and machine frames.

**Custom profile machining**

The “Drilled holes and threads” function is ideal for applications that require custom profile machining. Once the profile has been selected from the item product catalogue, machining processes can be added to it via drag and drop. There is also a wide range of bore diameters to choose from – available in increments of 0.1 mm with an overall width of 2 to 10 mm. They can be precisely positioned on the profile and adjusted at any time. The intelligent software automatically selects the right profile machining process for Fasteners, Castors and Feet. Once the order has been placed through the item Online Shop, item delivers it in the space of just a few days. Customers can begin assembly right away, as the profiles have already undergone all the necessary machining.

**Lean production with Ball Joint Fasteners**

Tubes and Profile Tubes D30 from the item Lean Production Building Kit System are often used in factory equipment engineering. Individual Tubes can be combined using a variety of fastening elements, with Ball Joint Fasteners making it possible to install Butt Fasteners and struts at any angle. Using the item Engineeringtool, customers can select the profile fitted with a Ball Joint Fastener from the Lean Production Building Kit System and specify the required length. The intelligent program then automatically positions the second Ball Joint Fastener and sets the correct angle.

All new functions and additions to the product range can be found online in the item Engineeringtool change log.

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**Caption 1:** It’s now even quicker to make adjustments and modifications with the item Engineeringtool, as users can select multiple profiles and set them all to specified dimensions at the same time. Source: item

**Caption 2:** The new Ball Joint Fasteners from the Lean Production Building Kit System make it possible to install Butt Fasteners and struts at any angle. Source: item

**Caption 3:** The latest changes and innovations can all be found in the item Engineeringtool change log. Source: item

**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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