



ONE PROFILE SYSTEM FOR ALL CASES

MiniTec Profile System





THE ART OF SIMPLICITY

MiniTec has continuously developed from a specialist for miniature guides to a leading technology company and special equipment manufacturer

Today 400 experts at 11 locations in Germany, France, USA, United Kingdom, Spain, Slovenia and China develop tailormade solutions for our customers. At the same time, more than 60 partners worldwide ensure reliable service and competent technical support.

Our solutions are just as individual as our customers' requirements. As a full-service manufacturer, we use our design system to implement intelligent systems and special machines for a wide variety of tasks in all important industrial sectors: from automotive, chemicals and electrical engineering to energy supply, aerospace, mechanical engineering, the metal and pharmaceutical industries.

Founded

420 *Employees* 280 in Germany



60 Sales and service partr

service partners around the world



Business award "Innovativer Mittelstand" Award "Attraktiver Arbeitgeber Rheinland-Pfalz" Honorary award of the region Westpfalz

11 Locations

Germany, France, Slovenia, United Kingdom, Spain, USA, China



LARGE SELECTION FOR EVERY NEED THE CONSTRUCTION KIT FOR ENGINEERS

Flexible and robust, a large selection of ergonomically designed profiles and components is available to you. To ensure that you are optimally equipped for your application now and in the future, we stock our aluminum profiles in various sizes and geometries that can be combined and are compatible with each other in any way - this means that there are no limits to the possible applications of the MiniTec modular profile system.

From the 45x45 profile to the 45x60 profile to the 90x90 profile: the groove of the aluminum profiles is designed within the respective series so that they can be combined with each other as desired. Thanks to intelligent connection technology with our patented connector, this is achieved completely without machining. With only one screw and nut size and one tool, constructions can be realized completely flexible.





THE PERFECT BASE FOR A WIDE RANGE OF APPLICATIONS

With the MiniTec profile connector, constructions can be assembled easily and without machining thanks to the self-tapping screw. Subsequent connections of several profiles are also possible, while the corners of the joints remain free for panel elements and the connection is invisible from the outside.

The profile connector is simply screwed into the profile cross-section of the profile with a self-tapping screw and pushed into the groove of the profile to be connected. The M8 grub screw then creates a non-positive and ESD-compliant connection between the two profiles; drilling is unnecessary. Therefore, a design can still be changed or extended subsequently and without leaving any traces. Overall, the drawing, measuring and machining effort is reduced to a minimum.



KEY FEATURES

- no drilling
- subsequent shifting and adjustment possibility
- electrically conductive
- short assembly times





EXPLOIT OPTIMIZATION POTENTIAL CLEVER CONNECTION WITH MINITEC

In addition to our patented profile connector, MiniTec screws and nuts, miter connectors, clamping strips as well as mounting brackets and our other fasteners offer a wide range of applications and combinations of aluminum profiles. Convince yourself here of our portfolio of profile fasteners and their easy handling.



C iCAD Assembler

Our CAD tool iCAD Assembler is the logical complement to the hardware of our construction kit. Only the combination of hardware and software opens up the full potential for rational mechanical engineering. We offer our customers free training courses at individually arranged dates in our company. You will receive valuable tips and tricks to benefit even faster from the advantages of our modular profile system.

- System-independent 3D design tool
- Electronic catalog
- Direct interfaces to all common CAD systems
- Automatic parts list
- Integrated plausibility check
- Automatic machining drawings
- Configurators for workstations, linear axes, conveyors, roller conveyors, guards



LOCATIONS WORLDWIDE

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