

Tension plug S – the new addition to the mk range

mk is expanding its range of connecting elements with an additional tension plug designed to form strong and conductive connections between aluminium profiles with no obstructing edges.

The mk Technology Group is expanding its extensive range of connecting elements for aluminium profiles with the new **Tension plug S**. The new connector creates strong, quick and easy aluminium profile structures with no obstructing edges. At the same time, the ribbing on the contact surface ensures that the connections are conductive (ESD).

The new **Tension plug S** was specially developed to connect mk Series 40 aluminium profiles on the face side. The connector requires little installation work: two screws for initial assembly, loosen and tighten one screw to move. The tension plug is mounted in the central bore of the aluminium profile using an M8 thread. The aluminium profile can then be positioned in the T-slot of the second aluminium profile and fixed and released by tightening the 45° threaded pin.

Thomas Berg, development engineer at mk, explains the benefits: "This technology simplifies installation, thus saving a lot of time and money. Our new tension plug is a cost-effective, attractive, and also solid example of connection technology".

In terms of load capacity, the **Tension plug S** can certainly compete with a lightweight angle fastener. But, unlike the angle fastener, the tension plug has no obstructing edges. This makes it very easy to create structures that are not only functional, but also meet the highest design standards. In addition, one T-slot remains completely open, allowing panelling to be inserted into the slot, for example.