

Press release

Aktuell

104AM20

October 2020

Amazing new solution for fixing large and medium-sized components in T-slots and grid plates



AMF amazes with a new screw jack

(Fellbach) Sometimes it is the simple things that provide real benefits and amazement for users. AMF presents a flexible, modular screw jack for fixing large and medium-sized components in T-slots and grid plates. Individual modules are plugged reliably together up to the required height. A maximum of 1620 millimetres are possible. A starter kit consisting of ten parts covers a wide range of applications. The basic modules are rounded off by additional accessories, including the matching workshop trolley. And everyone is amazed because that has not existed so far. For the Design Center Baden-Württemberg, this is even worth the Focus Open Design Prize 2020 in gold.

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*Text und Bilder unter
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"We also cannot explain why nobody has ever invented the modular screw jack until now", states Manuel Nau, the Sales Manager at Andreas Maier GmbH & Co. KG. And so it is the Fellbach experts for clamping on the machine table who have been the first to bring this clever solution onto the market. AMF presents a flexible, modular screw jack. Various elements can be assembled securely up to the required height in order to fix large and medium-sized components in T-slots and grid plates. The burnished modules made of tempered steel are reliably connected with a threaded ring and allow great flexibility during assembly. The modules are inserted into T-slots and on grid plates by means of screwed-in base elements. At the top of the vice, a spindle with a trapezoidal thread ensures that it is adapted to the workpiece.

A starter kit for a wide range of applications

The manufacturer covers a wide range of applications with a starter kit consisting of ten parts. This includes a screw jack element with a base element, a small and medium spacer element, three M16, M20, M24 thread adapters, three T-nuts for groove 18, 22, 28 as well as an insertion tool. Additional intermediate elements make heights of up to a maximum of 1620 millimetres possible. The permissible supporting force is 60 kN. In addition to this, AMF offers a further support element with a fine thread. The user can adjust this precisely up to a maximum support height of 330 mm under load. Optionally attachable spherical, smooth or selective supports compensate for any unevenness of the workpiece. They are held magnetically, secured with a cylinder pin and can be adjusted with an angle of +/- 3°. The support element can be used in horizontal and vertical clamping.

Practical, easy to use and awarded a prize

If T-slots or grids do not fit, base elements can help. They enable variable positioning on the machine table. A workshop trolley with mountings for the modules ensures order and mobile, quick provision at the place of use. The new modular screw jacks from AMF make a solid and well thought-out impression. They feature impressively high manufacturing quality, flexible application options and improved handling compared to large and heavy elements, which always require a crane. Anyone who sees it for the first time is amazed why it has never existed before. For the Design Center Baden-Württemberg, this is even worth the Focus Open Design Prize 2020 in gold.

518 words, 3.104 characters

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((AMF company information))

Market leader in machine table clamping

Andreas Maier Fellbach (AMF), originally founded in 1890, today is a one-stop supplier in clamping technology and is one of the world market leaders. With a global market presence, the company and its employees always have an open ear for the problems of their customers. By listening to these needs, and through its strong problem-solving ability, professional consultancy, intelligent engineering and high manufacturing quality, AMF repeatedly develops project fabrications and customised solutions for customers as well as standard solutions that succeed in the market again. With more than 5,000 products and numerous patents, it ranks among the top innovators in the industry. Speed, flexibility and 230 well-qualified employees guarantee success at Andreas Maier GmbH & Co. KG. In 2019, AMF earned revenue of more than 47 million euros.

Bilderverzeichnis AMF, Modularer Schraubbock.

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Bild Nr. 104-01 AM_screw jack.jpg

AMF presents a flexible, modular screw jack for fixing large and medium-sized components in T-slots and grid plates. The starter kit consisting of ten parts covers a wide range of applications.

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Bild Nr. 104-02 AM_workshop trolley.jpg

AMF offers numerous accessories for the modular screw jacks. A workshop trolley with mountings for the modules ensures order and mobile, quick provision at the place of use.

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