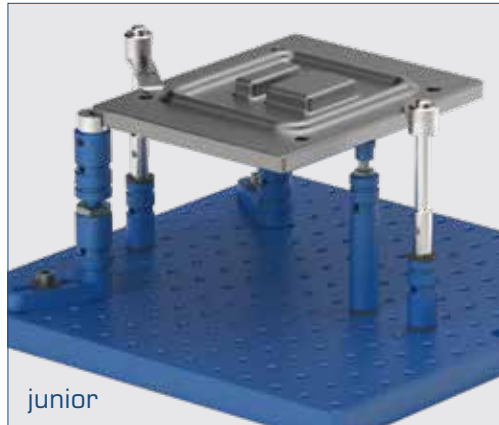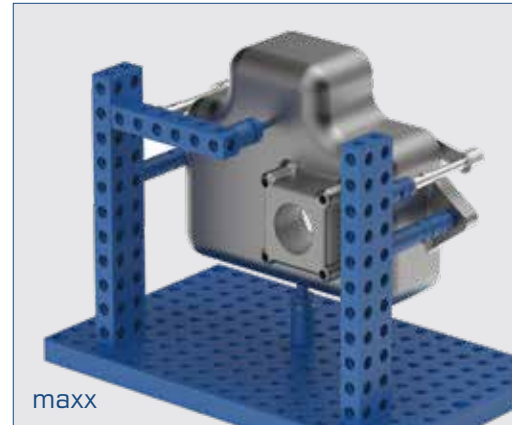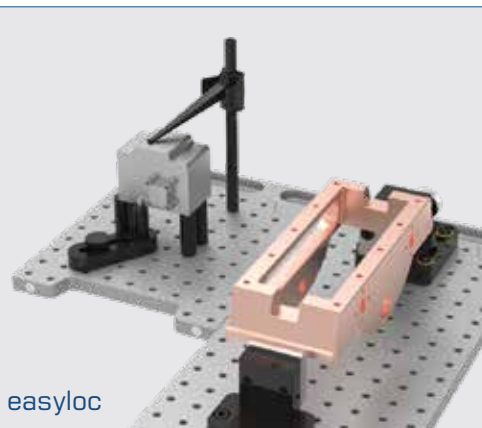# SPREITZER

ALUMESS Fixturing systems
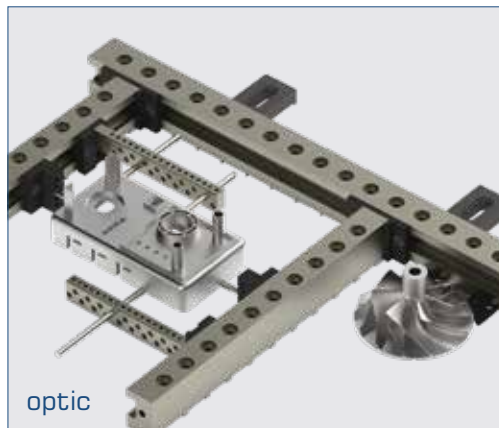
Modular metrology fixturing
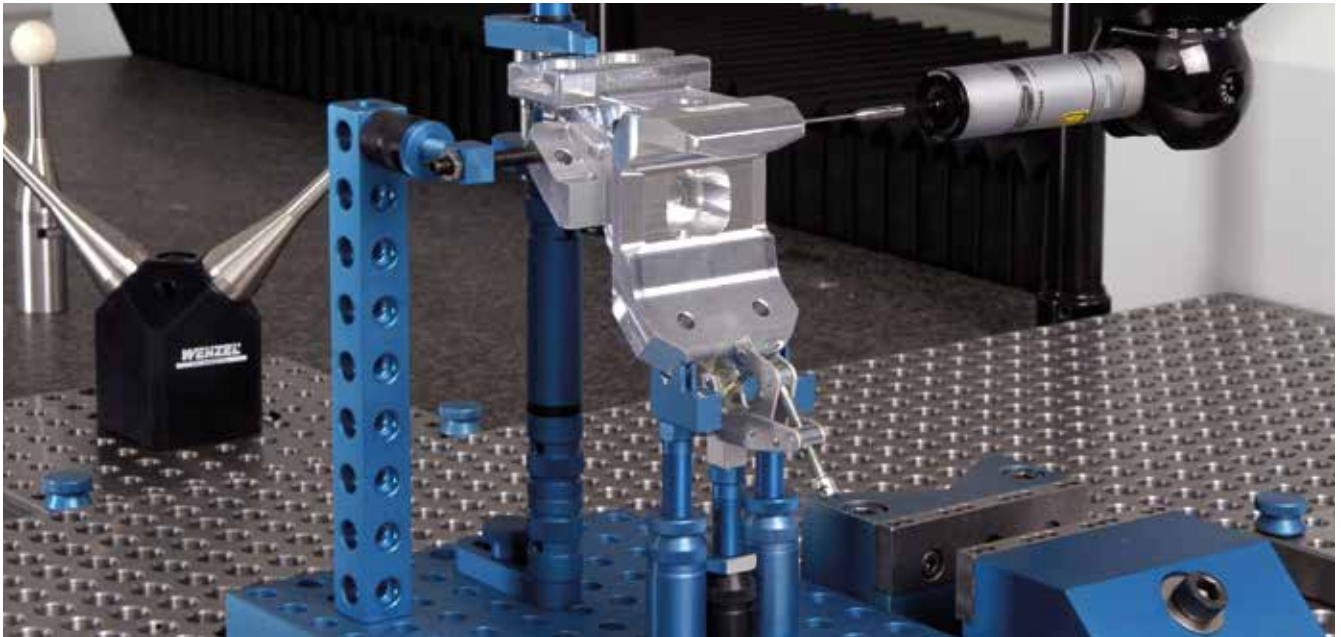
basic

junior

maxx

easyloc

optic

xray

Fix and clamp workpieces.
Universal and flexible.

ALUMESS – Compatibility with each other

The modular ALUMESS fixturing systems enable a precisely positioned and reproducible setup of clamping fixtures. They are designed for flexible use at the measuring station, on coordinate measuring machines, on optical measuring devices and in computer tomographs (CT).

For quick start up with the ALUMESS fixturing system we have various starter kits at our disposal which can be customized to your needs. We are also prepared to put together a kit specified to the customer's wishes.
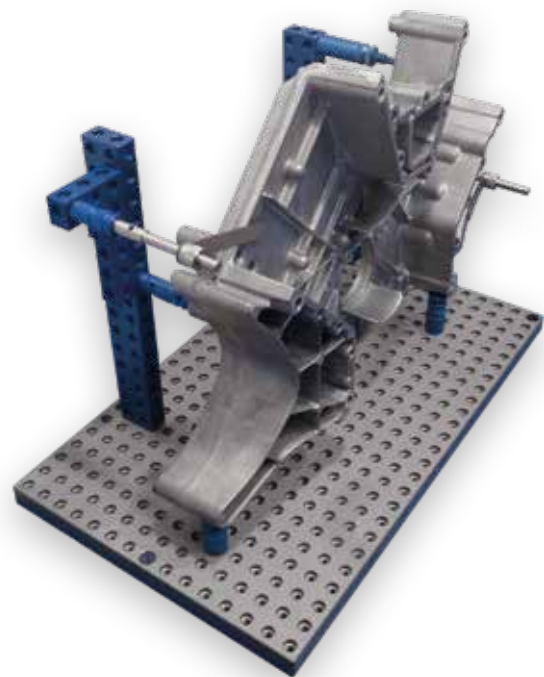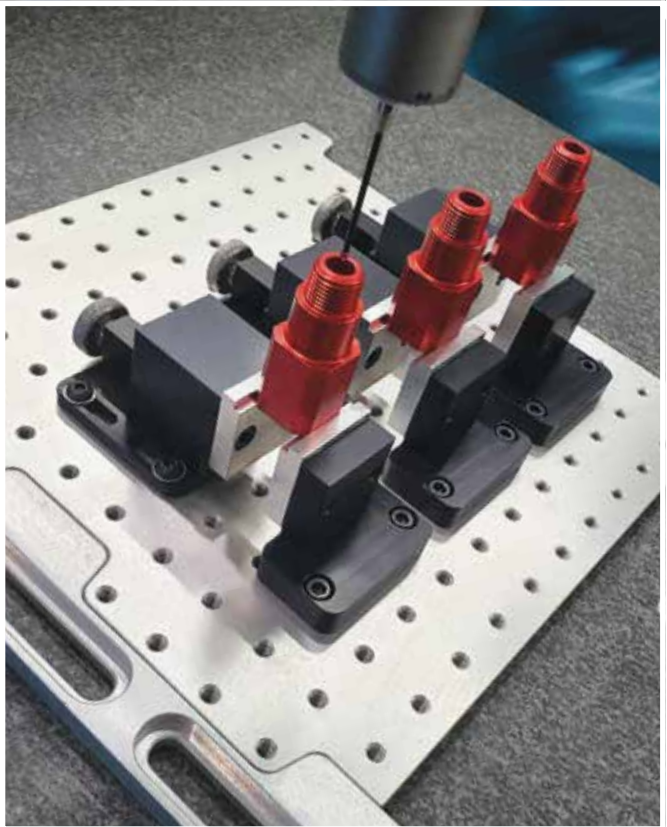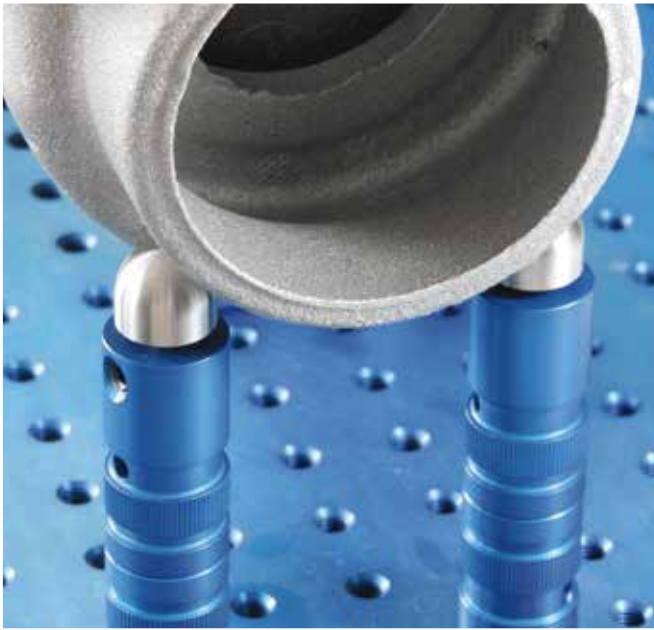

+ ALUMESS at a glance

+ Easy, rapid and economical

+ Flexible

+ Robust

+ Reproducible

+ Universal and modular expandable

How to proceed:

| **1** Your application? | **2** Your machine size? | **3** Select Starter kit | **4** Expand individually |

ALUMESS – Mounting examples

ALUMESS – The versatile system solutions

Measuring station	CMMs	CMMs	CMMs

ALUMESS.basic | **ALUMESS.**junior | **ALUMESS.**maxx | **ALUMESS**

System advantages

ALUMESS.basic	ALUMESS.junior	ALUMESS.maxx	ALUMESS
+ Easy mounting	+ User-friendly	+ Robust and solid	+ User-friendly
+ Changeover in seconds	+ Low-priced	+ Maximum universal	+ Modular com
+ True-to-contour holding	+ Flexible	+ Continuous hole grid	+ Palletizable
+ Flexible combinations	+ Palletizable	+ Palletizable	

Main application

· Tactile measurement	· Tactile measurement	· Tactile measurement	· Tactile measurem
· Individual measurement	· Series measurement	· Series measurement	· Series measurem
· Universal application on measuring station or on coordinate measuring machines	· Low-priced entry-level system for coordinate measuring machines	· Universal use on coordinate measuring machines	· Universal use on measuring machi

ALUMESS.basic Application example | ALUMESS.junior Application example | ALUMESS.maxx Application example | ALUMESS.easyloc Application
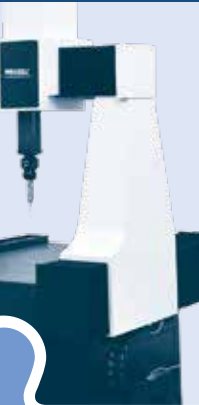
Optical CMMs

Optical CMMs

Computed tomography measuring devices (CT)

S.easyloc

ALUMESS.easyloc

ALUMESS.optic

ALUMESS.xray

binable

+ User-friendly

+ For direct and transmitted light

+ Modular combinable

+ Palletizable

+ Changeover in seconds

+ For direct and transmitted light

+ Palletizable

+ Easy mounting

+ Changeover in seconds

+ X-ray transparent

+ Flexible combinations

ent
ent
coordinate
nes

· Optical and tactile measurement
· Individual and series measurement
· Optical coordinate measuring machines and measuring projectors

· Optical and tactile measurement
· Individual and series measurement
· Optical coordinate measuring machines and measuring projectors

· 3D X-ray measuring technology (CT)
· Individual and series measurement
· Universal application in the industrial computer tomography
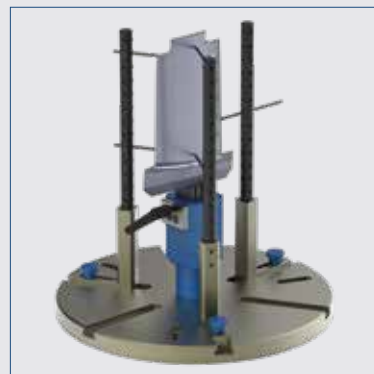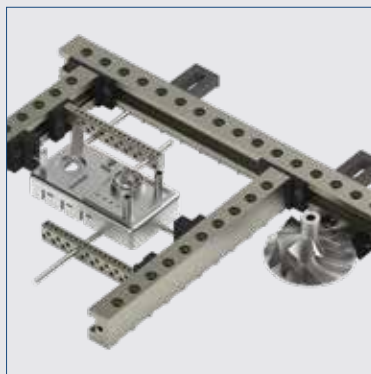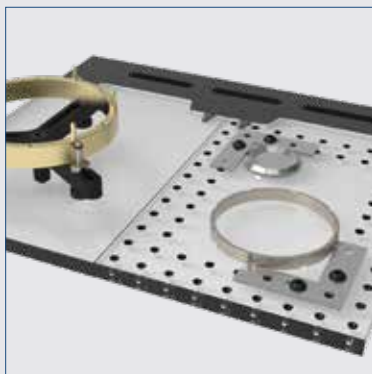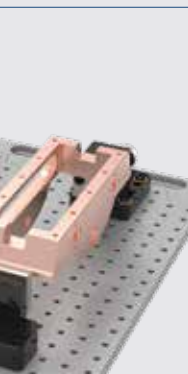
example

ALUMESS.easyloc Application example

ALUMESS.optic Application example

ALUMESS.xray Application example

ALUMESS – Automation Ready

Flexibility. Quality. Productivity.

Today, manufacturing industry is facing a lot of challenges. Automation means that the skilled workers in production can concentrate on managing work which puts demands on their professional skill and means that they can forget about monotonous routine tasks. Automation keeps production going 24/7: every day of the week and every hour of the day.

In order to reduce the set-up process on your measuring machine to a minimum, the ALUMESS clamping systems are designed as a palletizing system. With the help of our automation systems, you can automatically and unmanned change pre-equipped workpiece pallets onto your coordinate measuring machine.

Industry 4.0
certified

SATISFACTION GUARANTEE –
OVER 600 SYSTEMS ARE USED
SUCCESSFULLY WORLDWIDE
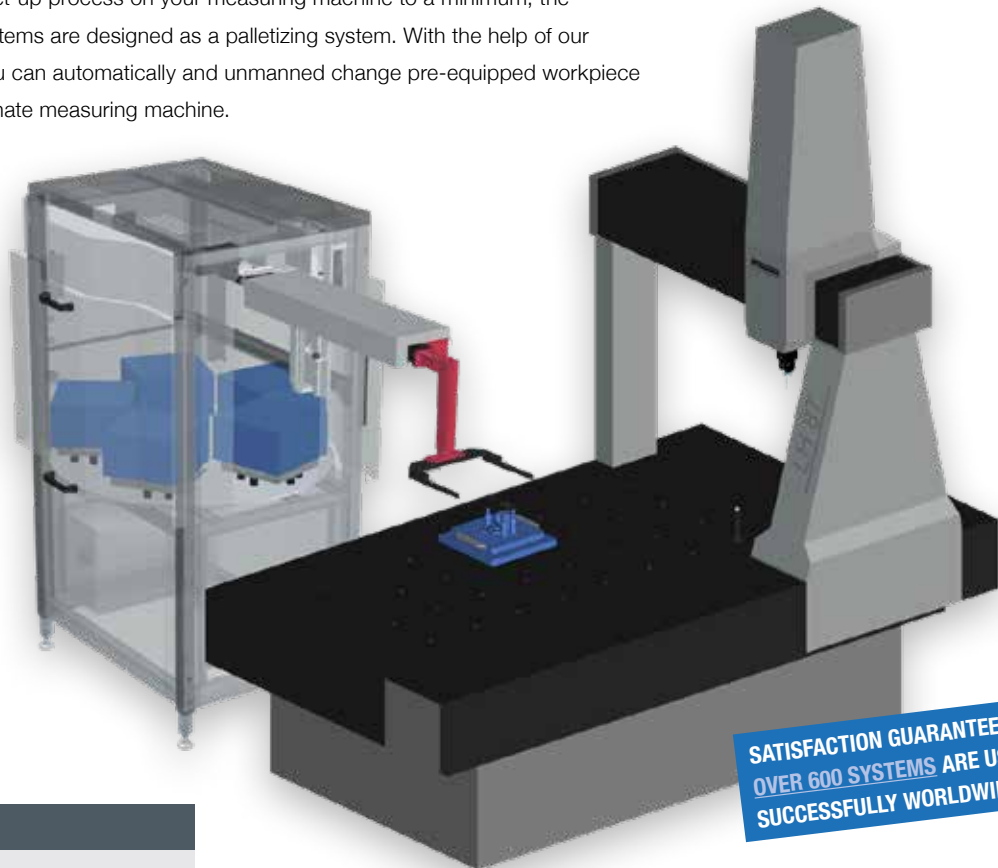
Note

Further information and technical details upon request.

Automatic pallet changer SP-APC 1

Automated pallet change Alumess.easyloc
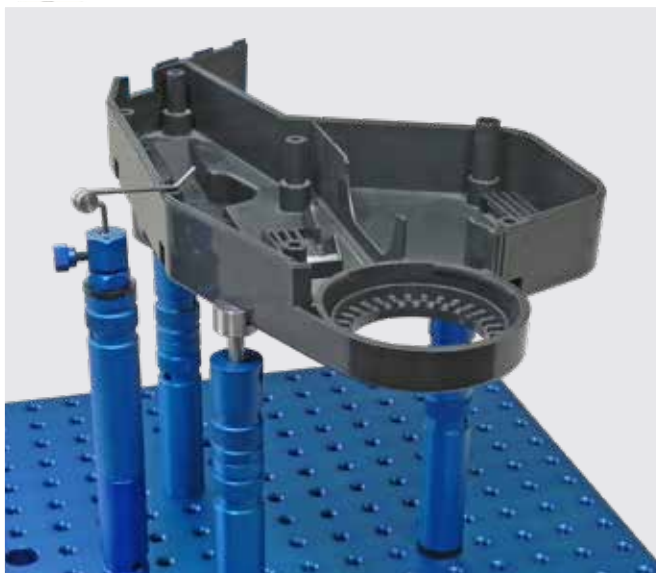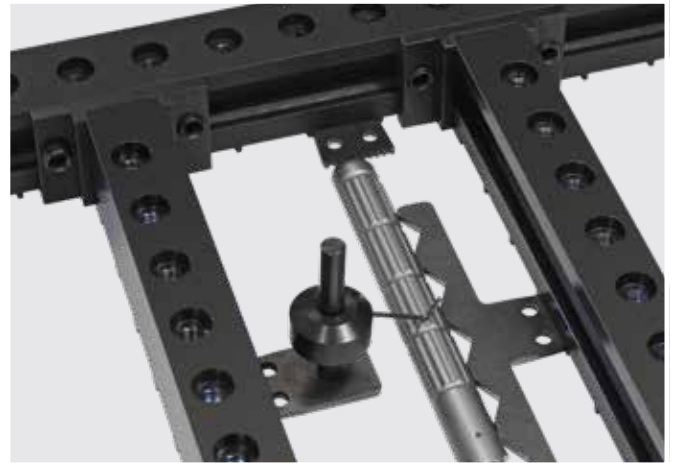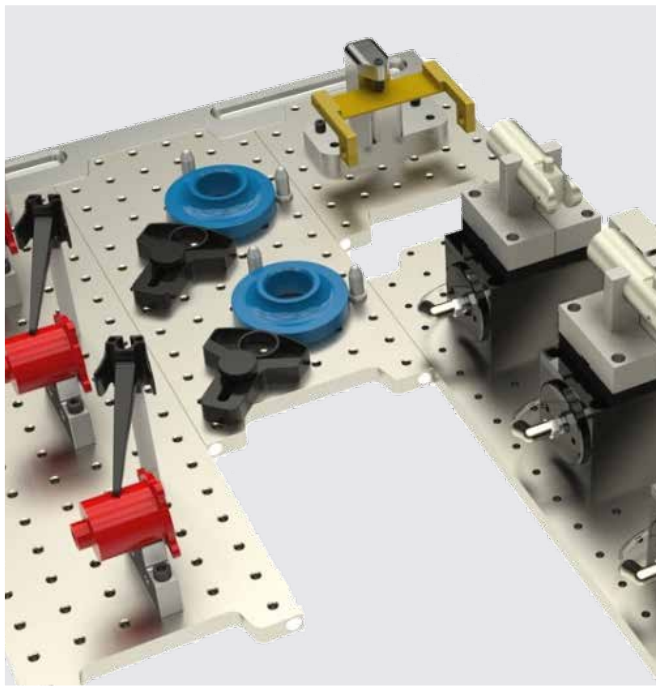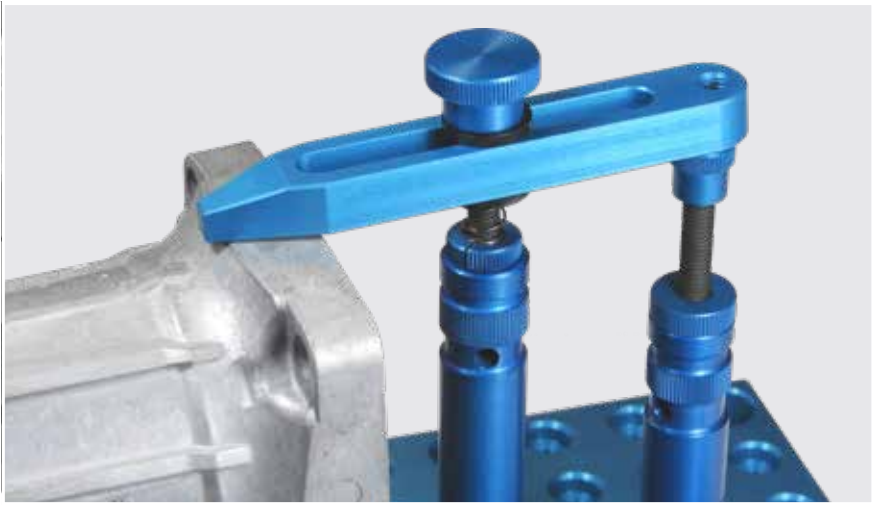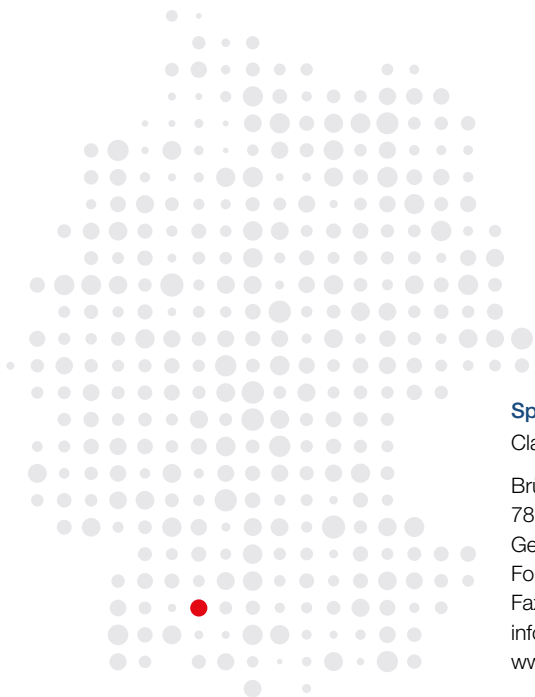

Mobile robot system SP MR 1

ALUMESS – Mounting examples
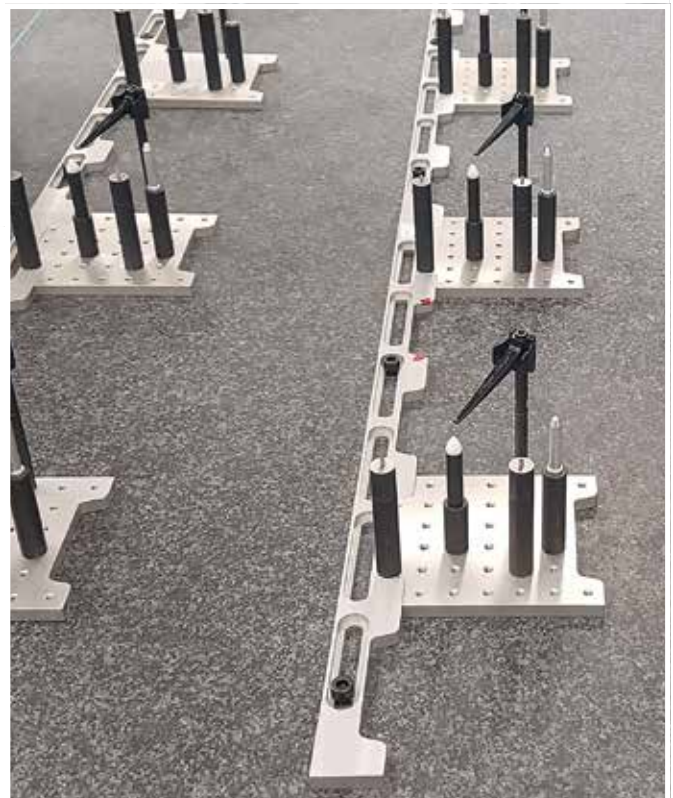
ALUMESS – Catalogue download

Download our ALUMESS catalogue at:

www.spreitzer.de

Spreitzer GmbH & Co. KG

Clamping | Testing | Automation

Brücklestraße 21
78559 Gosheim
Germany
Fon +49 (0) 74 26 - 94 75-0
Fax +49 (0) 74 26 - 94 75-20
info@spreitzer.de
www.spreitzer.de

Original Qualität
made in Germany