



WORKPIECE CARRIER SYSTEM

VARIABLE & FLEXIBLE

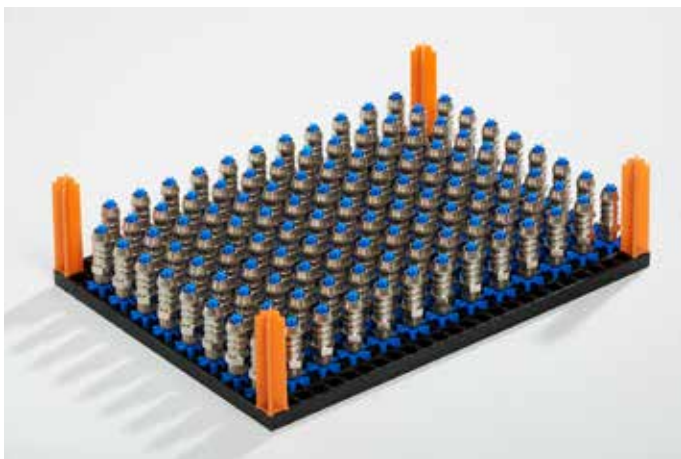
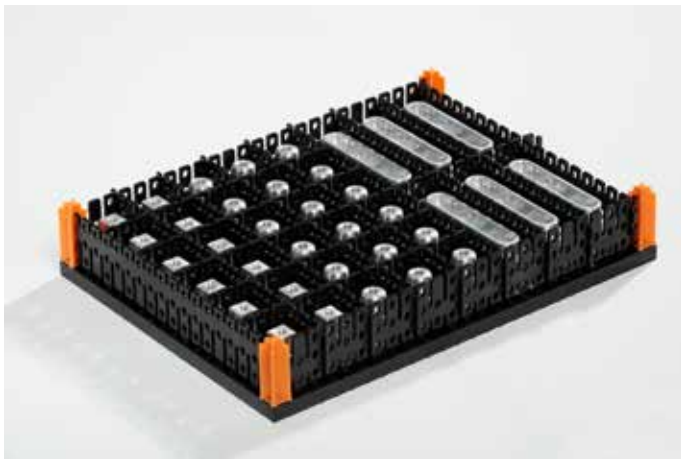
Variable workpiece carrier system

"tech-rack variogrid - the flexible system for the technical industry – the convincing workpiece carrier from FRIES for logistics, cleaning and storage"

variogrid ensures the individual design of workpiece carrier systems - these can be adapted to the required size and thus adjusted to the requirements of the cleaning machine or for storage of small load carriers (SLC). The rotatable stacking bolts can be positioned on the grid plate in any position to ensure stackability at any size. The FRIES tech-rack variogrid system ensures efficiency and ease of operation at each process stage: Optimum cleaning result, maximum protection for sensitive surfaces, safe transport, perfect storage.

Maximum variability and flexibility

Special applications require individual solutions. The variety of available options of variogrid ensure the perfect solution for your special application.



Stackability function guaranteed

The variogrid rotatable stacking bolts can be mounted on the base plate in any position. This means the stackability is ensured irrespective of the plate size .

Easy assembly



1. Plug in



2. Rotate



3. Ready for stacking



tech-rack variogrid

All advantages
at a glance

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Customised workpiece carrier system

The tech-rack variogrid plate can be cut to the required size. The workpiece carriers can be stacked easily by means of rotatable stacking bolts.

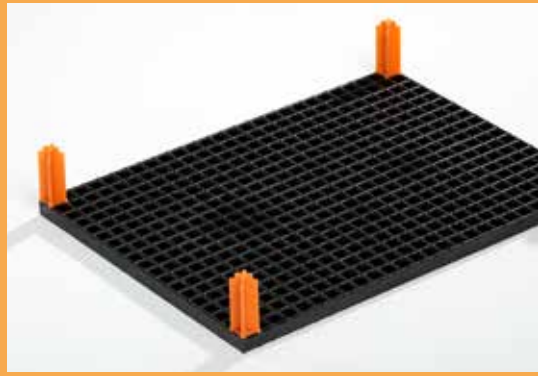
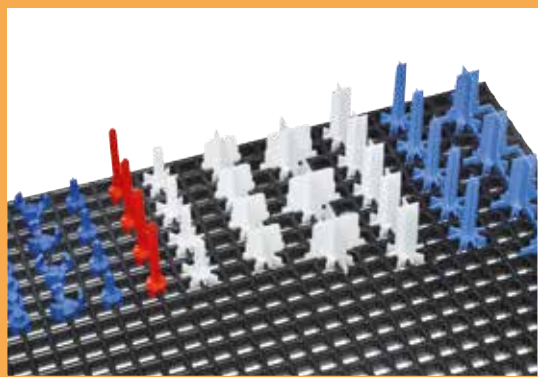


Image: variogrid plate for SLC box 400x300 mm with rotatable stacking bolt, height 42 mm

Numerous rotatable and plug pins available

Rotatable and plug pins can be mounted on the modular variogrid workpiece carrier system easily without any tools. On request, the pins can be manufactured specifically for the respective component.



Lateral- & lengthwise dividers

Two divider heights (42 and 69 mm) in standard lengths and additional lengths adjusted to the plates are available for the variogrid plate.



Image: variogrid plate 160x238 mm with rotatable stacking bolts, height 42 mm.

FRIES tech-rack variogrid at a glance

- " All-in-one: cleaning, transport and storage
- " Efficient cleaning with optimised accessibility
- " Variety of individual configuration options
- " Suitable for aqueous and solvent-based procedures and ultrasound applications
- " Lightweight: tech-rack variogrid is more lightweight than comparable metal plates
- " Safe handling: designed for user-friendliness based on ergonomic principles
- " Variable plate size: the plate can be cut to suit the application
- " Can be combined with the tech-rack industrial racks
- " Special versions for pins and special holders, such as spacers and many more available

All-in-one

Careful transport, safe storage and perfect cleaning – everything consequently in one workpiece carrier system!



CLEANING



TRANSPORT



STORAGE

The system components

variogrid base plate

600 x 400 mm, height 13 mm, on request, the plate can be cut to smaller sizes (see page 6-7)



Top frame

600 x 400 mm, height 63 mm, combinable with tech-rack variogrid and tech-rack industrial racks



Example of application: variogrid base plate with frame, ensures combination with tech-rack baskets



Lateral and lengthwise dividers low

Height 42 mm, adapted to respective plate size, enable partitions fitting the size of the workpieces



Press in sockets

The press in socket can be driven into the vario-grid base plate. This enables a large number of fastening options, such as hooks, bolts, handles and many more.



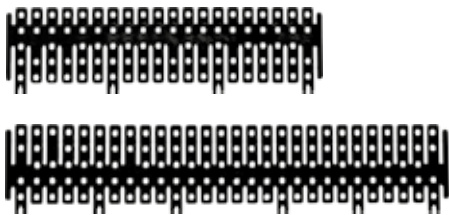
with thread



without thread

Lateral and lengthwise dividers high

Height 69 mm, adapted to respective plate size, enable partitions fitting the size of the workpieces



1. Press in



2. Ready for further assembly

Rotatable stacking bolts

The rotatable stacking bolts can be positioned on the base plate in any way to allow for stackability at any size.



Height 42 mm



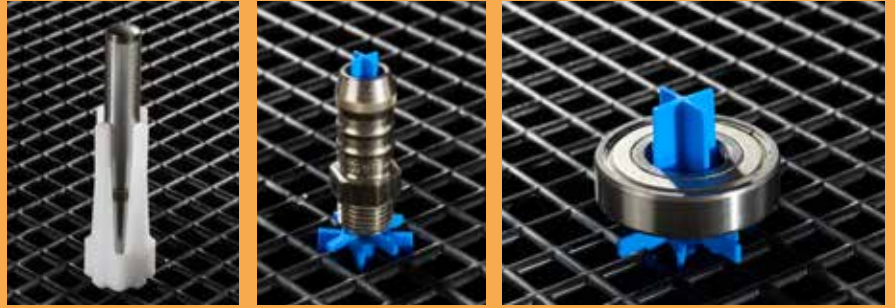
Height 69 mm

Examples of application

Numerous rotatable and plug pins available

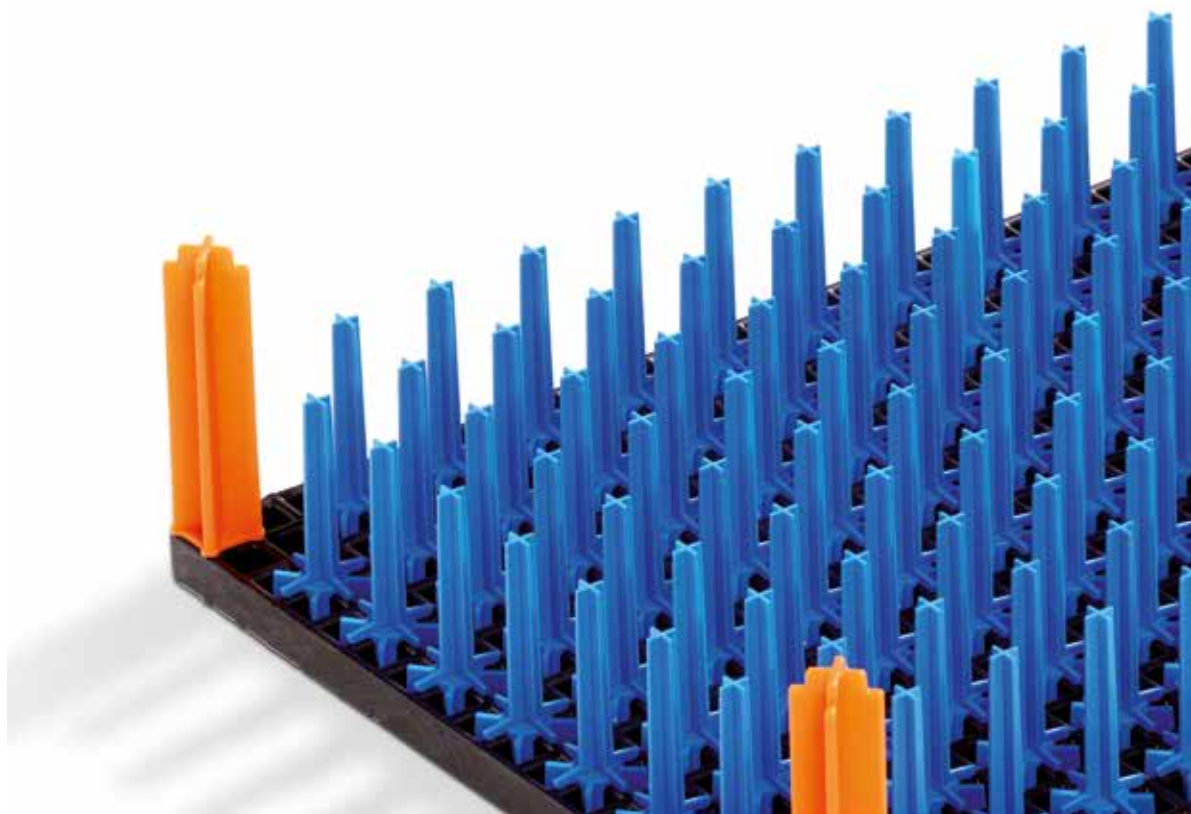
Many rotatable and plug pins are available to precisely position the components onto the variogrid base plate. On request, rotating pins can also be manufactured individually to suit the component.

Rotating pins for shafts, sleeves, turned parts, milled parts and many more.

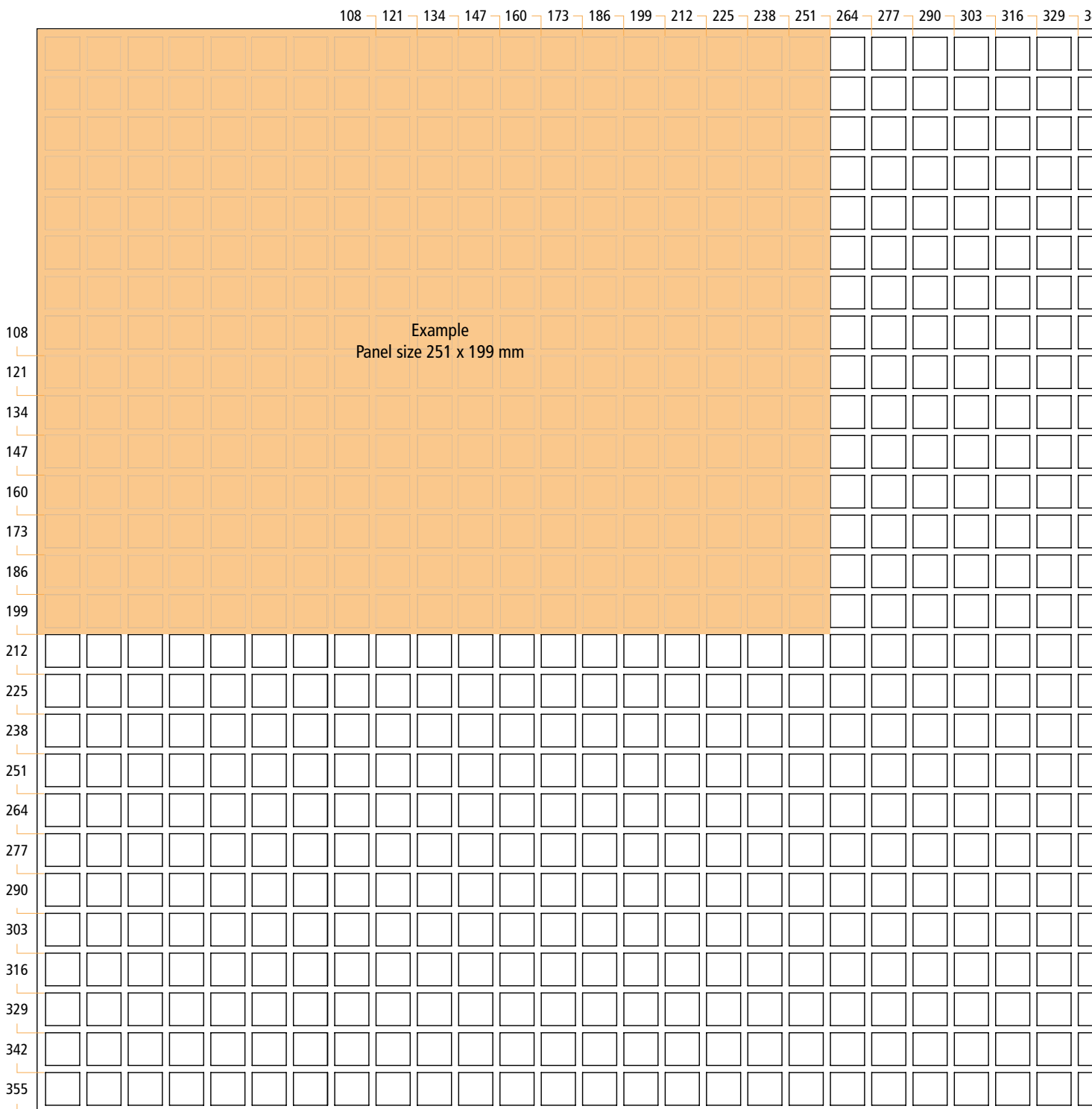


Variety of fastening options

The tech-rack variogrid press in socket ensure a large variety of fastening options. In this way, threads, screws, hooks or handles can be mounted on the base plate easily.



AVAILABLE PLATE SIZES



Dimensions in mm, tolerance +/- 1.5 mm

tech-rack variogrid

A FRIES product

variogrid - the variable all-in-one system stands for the individual design of workpiece carriers - the carrier plates can be adapted to the required size. Rotatable stacking bolts which can be placed on the variogrid in any position ensure stackability at any size. Therefore, tech-rack variogrid offers many application options for process-optimised manufacturing from cleaning and transport to storage. Numerous rotating and plug pins, plate dividers and accessories complement the intelligent workpiece carrier system.



tech-rack variogrid
All advantages at a glance
www.fries-kt.com

Have you seen these?

Receive information on the variety of our products and enjoy the benefits of the FRIES rack systems.



techtray

Intelligent workpiece carrier system: Safe - Clean - Flexible



tech-rack

All-in-one industrial racks: Cleaning - transport - storage



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