

METALLFORM

Expertise in stainless steel (wire + sheet metal)
Systems solutions and engineering



MEFO-SYS

As flexible as your range of parts!

Design and components



Increasingly stringent demands are being made on parts cleaning in almost all areas of manufacturing. At the same time, product life cycles are rapidly decreasing. For many manufacturing companies this means regular investments in new workpiece holders to achieve the required level of parts cleanliness. However, with our new and totally flexible MEFO-SYS, workpiece holders can now be adapted for different conditions, thereby saving costs and resources. This internationally unrivaled solution allows just the part-specific compartment bottom to be exchanged using an innovative clip system, instead of having to replace the whole workpiece holder.

1 | Base rack

The base rack can be individually fitted with inserting bottoms (2), a part-specific compartment bottom (3b) and an adjustable lid (4) for each part size and type.



2 | Inserting bottom with spring catches

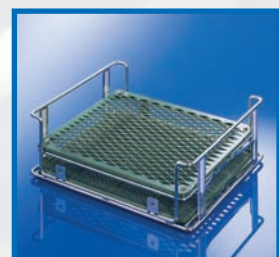
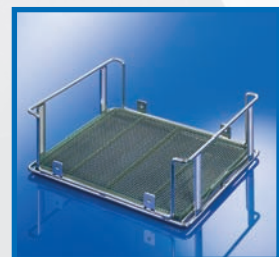
The inserting bottom closes the bottom of the system and, if required, can be used as an intermediate layer for multi-layer loading of the base rack. The spring catches allow it to be simply clipped into the base rack (1) without the need for tools.



3 | Part-specific compartment bottom (3b)

screwed on the supporting frame with spring catches (3a)

There is an almost unlimited range of part-specific compartment bottoms available. Our design department will work with you to develop the optimum solution to suit your requirements. In each case the compartment bottom is screwed on a supporting frame with spring catches that can then be used to clip the compartment bottom into the base rack simply and without the need for tools.



4 | Adjustable lid

The adjustable lid is inserted into the base rack (1) at varying heights depending on the fill level. It prevents light parts from floating to the surface in immersion units or parts from falling out during a swiveling or rotary cleaning operation.

Structure of the MEFO-SYS flexible tray system see overleaf



So what advantages does the MEFO-SYS offer me?

- Ease of handling
- Rapid exchange of the part-specific compartment bottoms during production without set-up time
- Base rack and supporting frame may be used for the whole range of parts
- Cost reduction through use of a small number of universal workpiece holders
- Separating the supporting frame and compartment bottom means that the compartment bottom can be coated without the coating being damaged when snapping into position in the fixing plate
- Reduction in space required for storage of workpiece holders

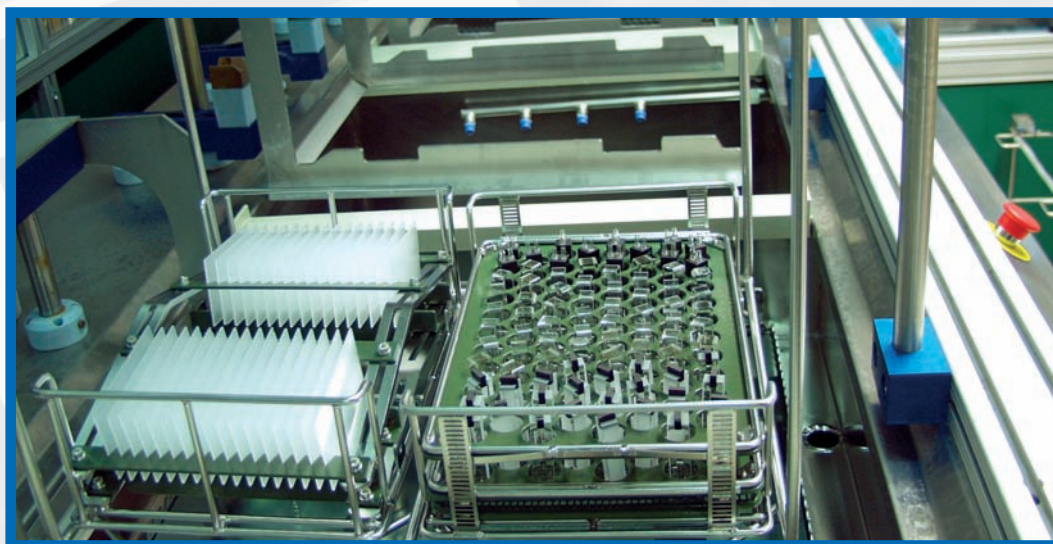
Design from stainless steel

During the development of MEFO-SYS we made sure that the contact points between part and workpiece holder are as few and as small as possible, thereby improving the accessibility of the parts for the cleaning medium and simultaneously optimizing drainage.

The workpiece holder system is manufactured from stainless steel, using predominantly rounds.

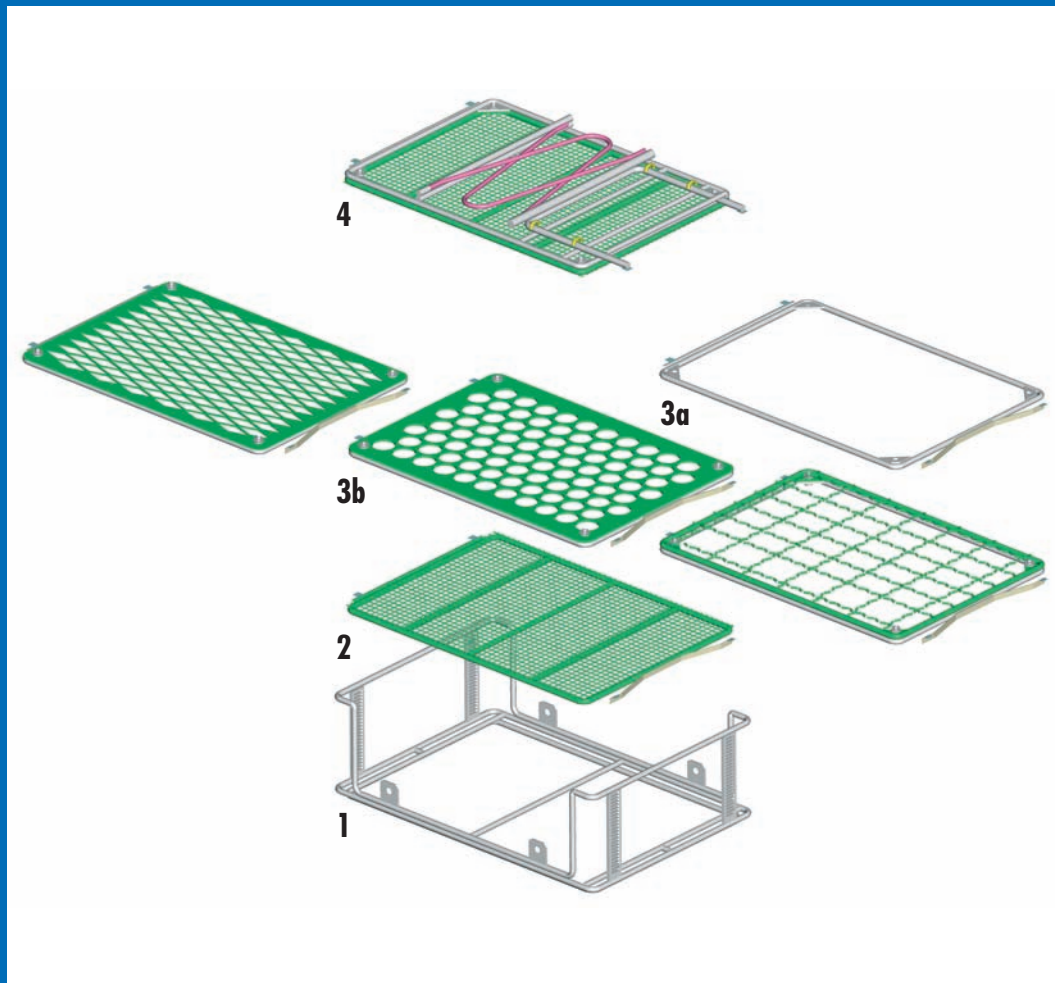
This high quality material guarantees a long service life and eliminates corrosion problems and zinc deposition. We also offer the flexible workpiece holder system in V4A (1.4571) for use in electroplating processes.

For delicate parts, all components that come in direct contact with the part are coated with HALAR.



Just one of the many thousands of possible MEFO-SYS combinations and applications.

Structure of the MEFO-SYS flexible workpiece holder system



1 | Base rack

2 | Inserting bottom with spring catches

3 | Supporting frame with spring catches (3a)

equipped with part-specific compartment bottom (3b)

4 | Adjustable lid

Discover the difference

The material – stainless steel of course. The forming – just clean lines.
Added value that pays off.

Discover the world of cleaning baskets with no dangerous corners or edges.

Tell us about your cleaning requirements.



Quality made in Bretten

It's a matter of know-how.

Our strengths are our in-house design and manufacturing. For our customers this means consistently high quality, price stability and adherence to delivery dates – no matter how large or small the order.

DIN EN ISO 9001:2000

»It's quality that counts«

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