



Captive Fastening System for Perimeter Guarding

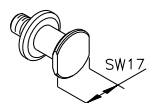
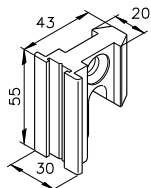
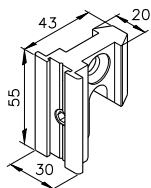
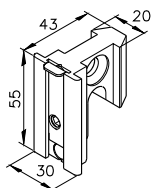


Assembly Components

Fastener

Captive Fastening System for Perimeter Guarding

The fastening system for mk perimeter guarding permits quick and easy installation and removal of individual partitions in safety enclosures. Providing a secure connection, they can be assembled and disassembled using standard tools, and can accommodate dimensional tolerances of up to ± 1 mm. Three compatible styles are available, each with its own unique features.



Fastener, captive

B46.00.243

complete including bolts and mounting hardware

- captive according to machinery directive 2006/42/EG
- color coding which is visible over a long distance
 - green: guarding locked
 - red: Attention! Guarding unlocked!
- for quick locking and unlocking using a 5 mm-hexagon socket wrench

Fastener, locking

B46.00.244

complete including bolts and mounting hardware

- for quick locking and unlocking using a 5 mm-hexagon socket wrench

Fastener, open

B46.00.245

complete including bolts and mounting hardware

- for tool-less fastening

Bolt

05.06.0015

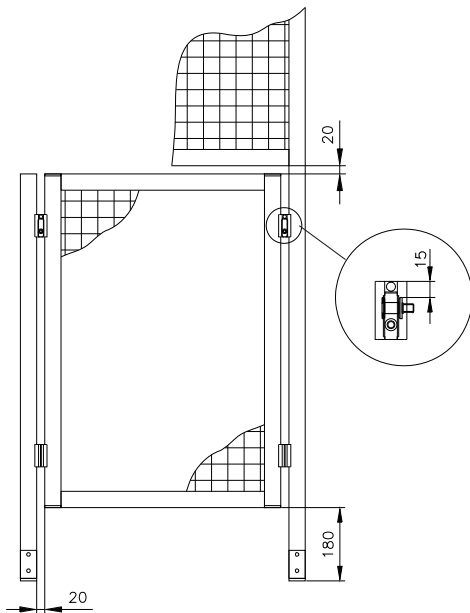
Stainless steel

Required for mounting of a partition:

- for captive fastening: 2x B46.00.243 (top) and 2x B46.00.245 (bottom)
- for locked fastening: 2x B46.00.244 (top) and 2x B46.00.245 (bottom)
- for unlocked fastening: 4x B46.00.245 (top and bottom)

Fastener

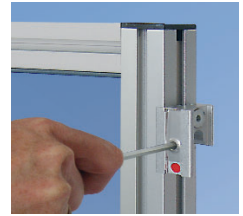
Assembly of bolts and fasteners



- Mount 2 catches at the top of each side of the panel to be removed. Ensure equal distances from the top.
- Tighten 2 bolts to the elements on either side of the panel to be removed. Distance from top edge fastener to top edge bolt 15 mm.
- Mount 2 catches at the bottom of each side of the panel to be removed.
- Install the lower 2 bolts to the elements on either side of the panel to be removed.
- If desired, it is possible to have the panel "drop" when unlocked by reversing the installed components.

Assembly of the partitions

- For installation, the cover must be raised to access the set screw. Loosen the screw (against the cover plate). The red dot is visible.



- By slightly inclining the panel, place the bottom catches onto the bottom bolts.

- To complete the installation, lift the panel slightly and place the upper catches onto the bolts.



- Lower panel into position (approx. 20mm).



- Tighten the integrated set screws to lock the panel in place. If using captive fasteners, the cover drops down to expose the green dot.

- Disassembly takes place in reverse order.



Maschinenbau Kitz GmbH
Headquarters of the
mk Technology Group

Glockenstraße 84
53844 Troisdorf
Germany

Phone +49 228 4598-0

Fax +49 228 453145

www.mk-group.com

info@mk-group.com