Machine guards

Secure and practical constructions







Committed partner: Aluminium construction systems



System Standex offers complete constructions - eg. machine guarding, cabinets, etc

System Standex have more than 40 years experience in the manufacture of aluminium constructions. We have designed, developed and supply a flexible, strong and practical system.

We offer the system in component form, kit form ready for assembly or as complete construction.

System Standex manufacture to your designs.

Pleace contact us for more information.



System Standex supply the profiles in full lengths or cut and machined as specified



System Standex delivery in kit form or as complete assembly

Contents





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Machine guards

Secure and practical







Flexibility

Our wide range of profiles and jointing systems provide complete flexibility for the construction of many sizes, types and shapes of frames.

Practicality

Working with you to provide a secure and functional frame work to assist in a safe and efficient process.



Closed profiles

Clean finish







Closed profiles

The range of profiles was designed for the building of machine guards and factory equipment with a hygiene requirement or where a clean finish and effect is required. The closed profiles are of a smooth and clean appearance with a 3.5mm radius on the corners.

These constructions are easy to clean and are widely used in the clean room, pharmaceutical, food and electronics industries.

Openings

The cover strip is easily removed either in the full length or at specified points. Screw fixing points and panel openings are created at required.





Design solutions

Partition, screens, trolleys, cabinets and enclosures







Constructions

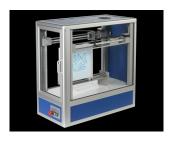
System Standex have developed a range of profiles and jointing systems that can be used for the construction of many different frame works that are used in the manufacturing and processing industry.

Constructions such as:

- Guards
- Partitions
- Screens
- Acoustic or other wise
- Cabinets
- Enclosures
- Trolleys

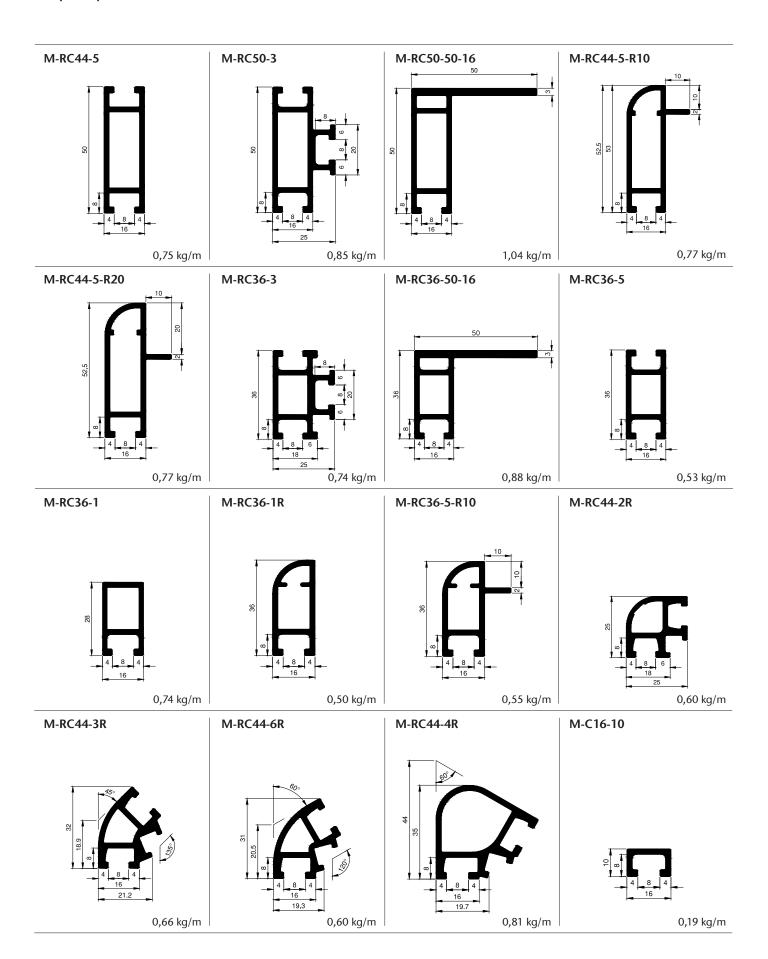
Cabinets and enclosures

We have many years experience in the construction of cabinets and enclosures for a wide variety of industries and environments. These enclosures and cabinets can be supplied for permanent or mobile use.



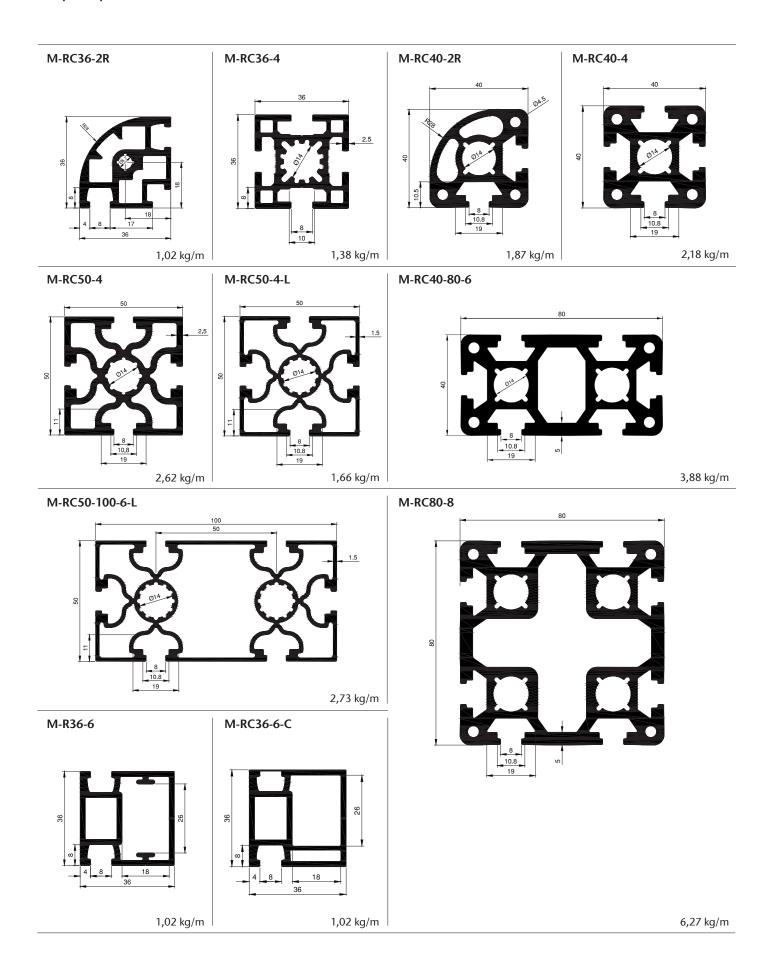


Open profiles

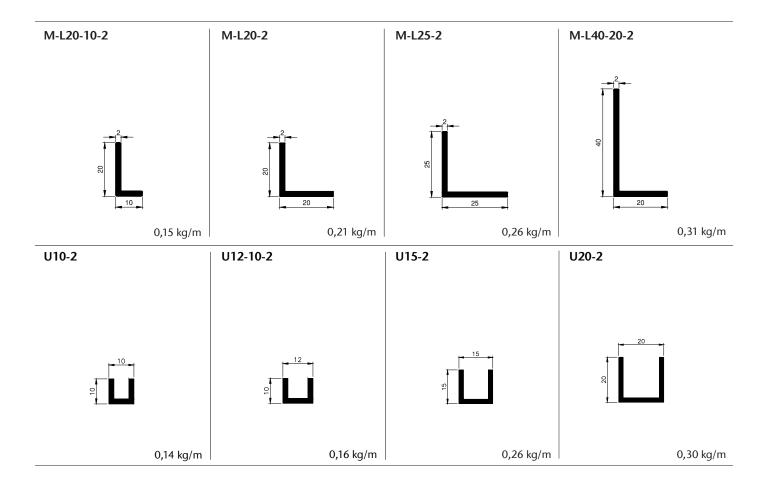




Open profiles

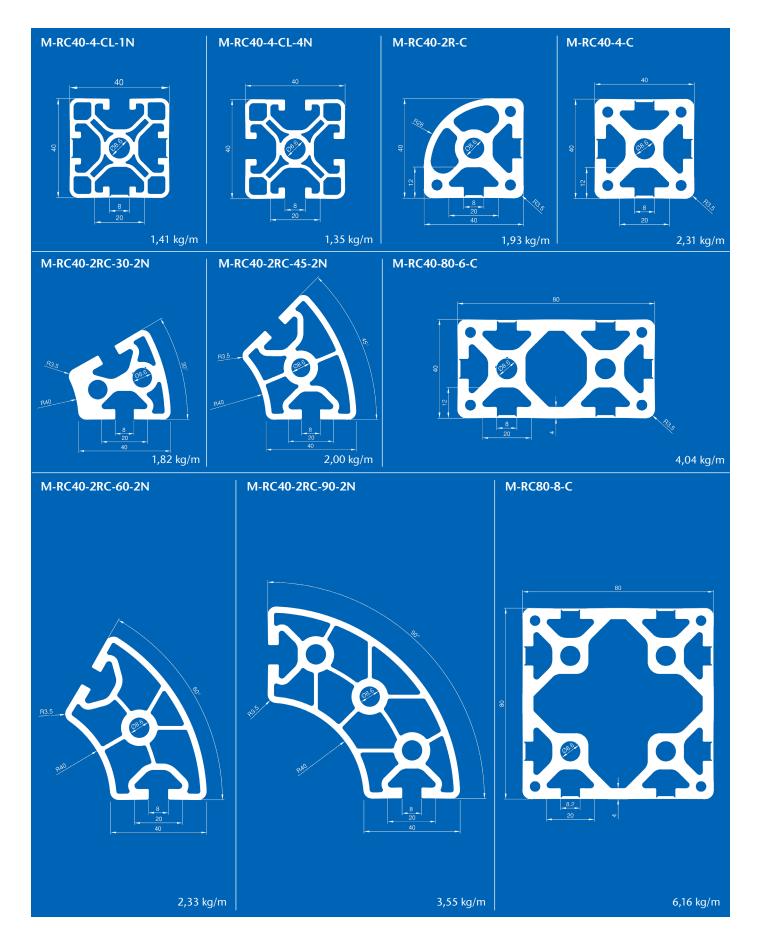


Accessory profiles

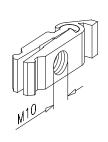




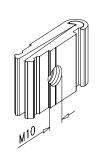
Closed profiles



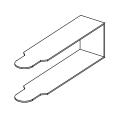
M-PC36-5 Connector, expanding, for all M-RC36-profiles



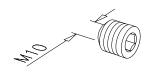
M-PC44-5 Connector, expanding, for all M-RC44-profiles



M-36M Guide for 36mm connector



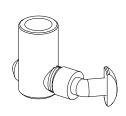
M-Skrue Screw for M-PC36-5 and M-PC44-5



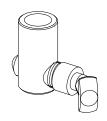
M-PC50-1 Connector 90°, for M-RC50-profiles



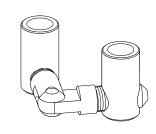
M-PC50-2 Connector 45° left, for M-RC50-profiles



M-PC50-3 Connector 45° right, for M-RC50-profiles



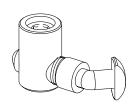
M-PC50-4 Connector variable, for bevel cut M-RC50-profiles



M-PC40-1 Connector 90°, for M-RC40profiles



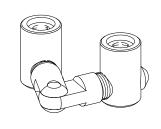
M-PC40-2 Connector 45° left, for M-RC40-profiles



M-PC40-3 Connector 45° right, for M-RC40-profiles



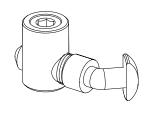
M-PC40-4 Connector variable, for bevel cut M-RC40-profiles



M-PC36-1 Connector 90°, for M-RC36-profiles



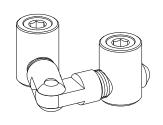
M-PC36-2 Connector 45° left, for M-RC36-profiles



M-PC36-3 Connector 45° right, for M-RC36-profiles



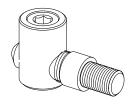
M-PC36-4 Connector variable, for bevel cut M-RC36-profiles





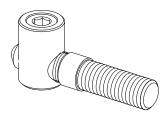
M-PC36-1-M10

Connector for fixing M-RC36-profile to a panel



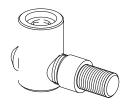
M-PC36-1-M12

Connector for fixing M-RC36-profile to a panel



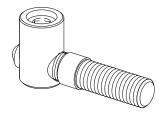
M-PC40-1-M10

Connector for fixing M-RC40-profile to a panel



M-PC40-1-M12

Connector for fixing M-RC40-profile to a panel



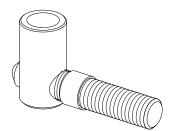
M-PC50-1-M10

Connector for fixing M-RC50-profile to a panel



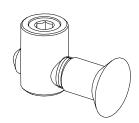
M-PC50-1-M12

Connector for fixing M-RC50-profile to a panel



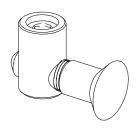
M-PC36-6

Connector for fixing M-RC36-profile to a panel



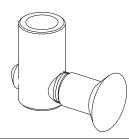
M-PC40-6

Connector for fixing M-RC40-profile to a panel



M-PC50-6

Connector for fixing M-RC50-profile to a panel



M-PC36-7

Connector for the horizontal connection of M-RC36-profiles



M-PC40-7

Connector for the horizontal connection of M-RC40-profiles



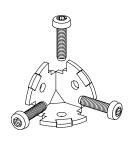
M-PC50-7

Connector for the horizontal connection of M-RC50-profiles



M-PC36-R

Connector incl. 3 of self tapping screws for M-RC36-2R profiles



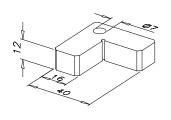
M-US-36

Corner covering for M-PC36-R



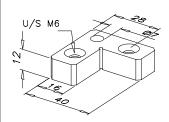
M-I36-2A

Internal connector, 90°, for gluing in M-RC36-profiles



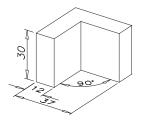
M-I36-2AG/2xM6

Internal connector, 90°, for screwing in M-RC36-profiles



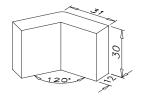
M-I44-5-90°

Internal connector, 90°, for gluing in M-RC44-profiles



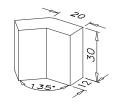
M-I44-5-120°

Internal connector, 120°, for gluing in M-RC44-profiles



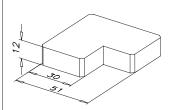
M-I44-5-135°

Internal connector, 135°, for gluing in M-RC44-profiles



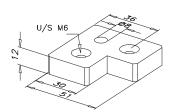
M-I44-2A

Internal connector, 90°, for gluing in M-RC44-profiles



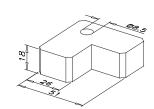
M-I44-2AG/2XM6

Internal connector, 90°, for screwing in M-RC44-profiles



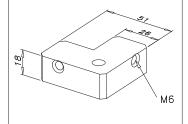
M-I30-2 Special

Internal connector, 90°, for gluing in the M-R36-6-profile



M-I30-2G/2xM6

Internal connector, 90°, for screwing in the M-R36-6-profile



M-PC40-1C

Connector for 90° assembly of closed M-RC40 profiles



M-PC40-2C

Connector for vertical assembly of closed M-RC40 profiles



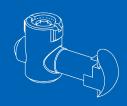
M-PC40-3C

Connector for horizontal assembly of closed M-RC40 profiles



M-PC40-2C-S

Connector for variable mitred assemblies of closed M-RC40 profiles



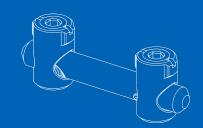
M-PC40-1C-M10

Connector for fixing closed M-RC40 profiles to a panel



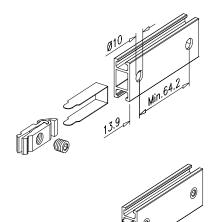
M-PC40-30/35/40C

Connector for parallel assembly of closed M-RC40-profiles

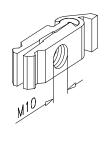




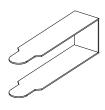
Connector assembly of M-RC36 profiles



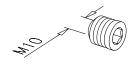
M-PC36-5 Connector for M-RC36-profiles



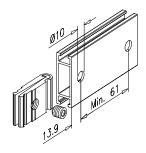
M-36M Guide for M-PC36-5



M-SKRUE Screw for M-PC36-5 and M-PC44-5

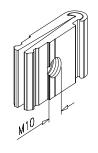


Connector assembly of M-RC44 profiles

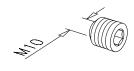




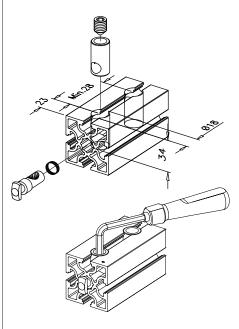
M-PC44-5 Connector for M-RC44-profiles



M-SKRUE Screw for M-PC36-5 and M-PC44-5



Connector assembly of M-RC50 profiles

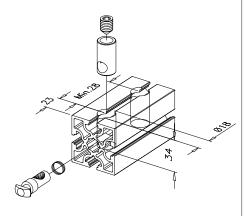


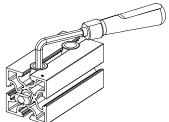
M-PC50-1

Connector for 90° assembly of M-RC50 profile

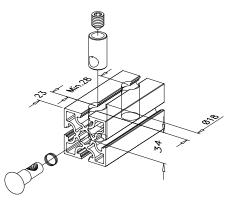


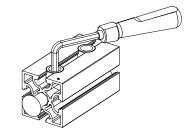
Connector assembly of M-RC50 profiles



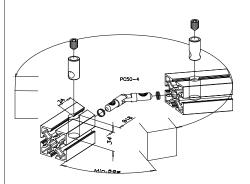


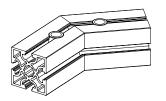
Connector for fixing of M-RC50 profile to a panel





Connector assembly of M-RC50 profiles, variable mitred







M-PC50-7 Connector for horizontal assembly of M-RC50 profile



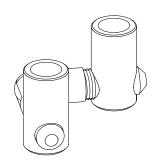
M-PC50-6

Connector for fixing of M-RC50 profile to a panel



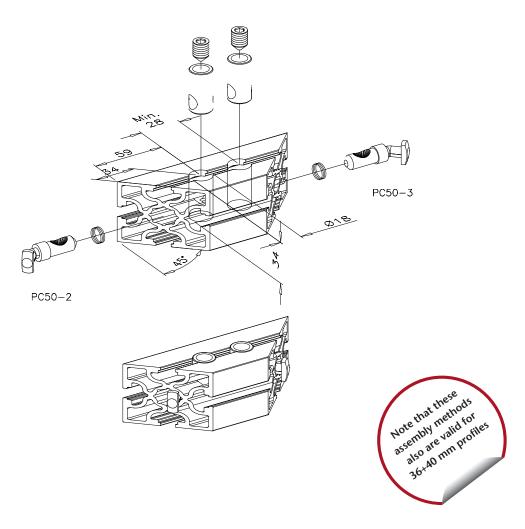
M-PC50-4

Connector for variable mitred assembly of M-RC50 profiles

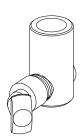




Connector assembly of M-RC50 profiles, mitred 45°



M-PC50-2 Connector for 45° assembly of M-RC50 profiles

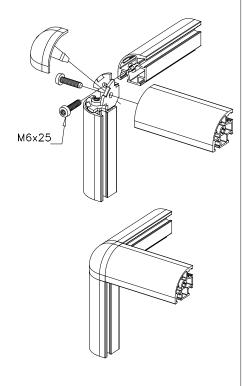


M-PC50-3 Connector for 45° assembly of M-RC50 profiles

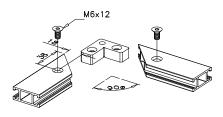


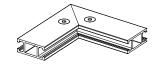
Corner assembly

Corner assembly of M-RC36-2R profile

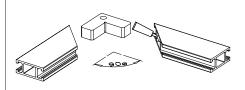


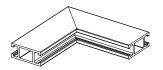
Corner assembly of M-RC36 profiles



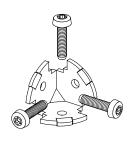


Corner assembly of M-RC36 profiles

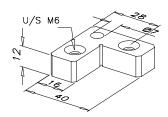




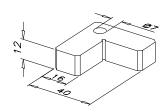
M-PC36-R Connector with self tapping screws for M-RC36-2R profile



M-I36-2AG/2xM6 Internal connector 90° assembly with screw in M-RC36 profiles



M-136-2A Internal connector 90° glue assembly in M-RC36 profiles

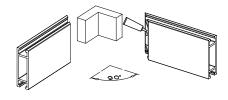


M-US36 Cover for M-PC36-R

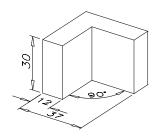




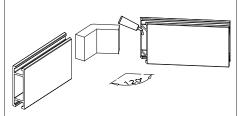
90° Corner assembly of M-RC44 profiles, upright



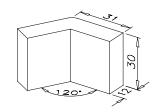
M-I44-5-90° 90° internal connector for glue assembly in M-RC44 profiles



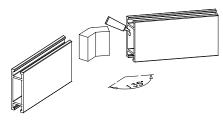
120° Corner assembly of M-RC44 profiles, upright



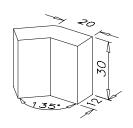
M-I44-5-120° 120° internal connector for glue assembly in M-RC44 profiles



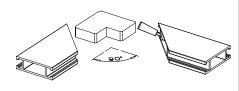
135° Corner assembly of M-RC44 profiles, upright



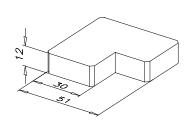
M-I44-5-135° 135° internal connector for glue assembly in M-RC44 profiles



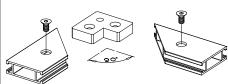
90° Corner assembly of M-RC44 profiles, flat



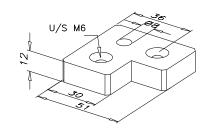
M-I44-2A 90° internal connector for glue assembly in M-RC44 profiles



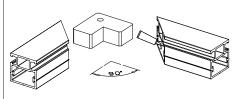
90° Corner assembly of M-RC44 profiles, flat



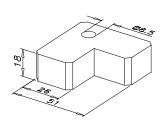
M-I44-2AG/2XM6 90° internal connector for screw assembly in M-RC44 profiles



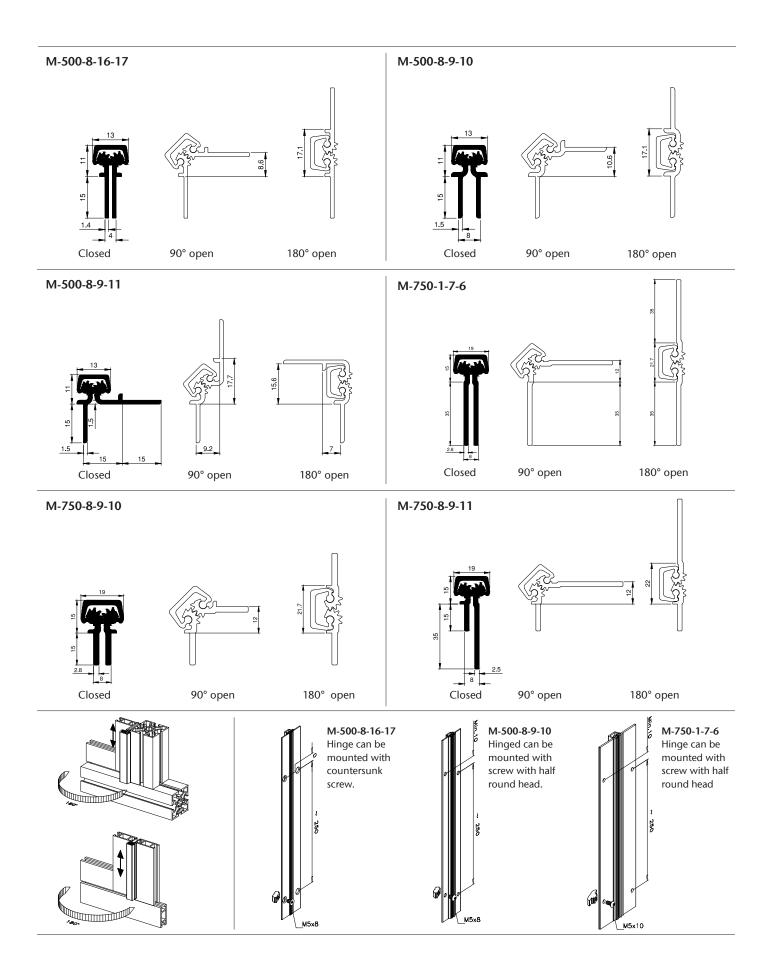
90° Corner assembly of M-R36-6 profiles



M-I30-2 Speciel 90° internal connector for glue assembly in M-RC36-6 profiles



Hinges



Adjustable feet



M-D7-M8

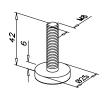
Levelling foot

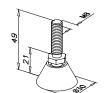


Levelling foot



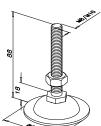
Levelling foot





M-D10-M8 M-D10-M10

Levelling foot



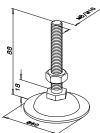
M-D11-M10 M-D11-M12 M-D11-M16

Levelling foot with vibration reduction



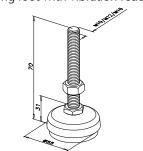
Anchor levelling foot with vibration

reduction.



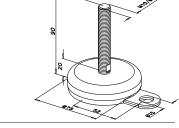
M-B50-1 M10

Threaded bush for gluing in M-RC50-4



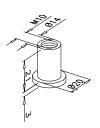
M-B50-2 M12

Threaded bush for gluing in M-RC50-4



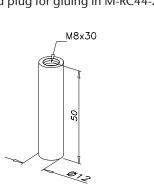
M-A36-2G-M8

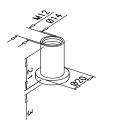
Threaded plug for gluing in M-RC36 profiles

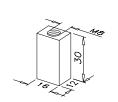




Threaded plug for gluing in M-RC44-2R



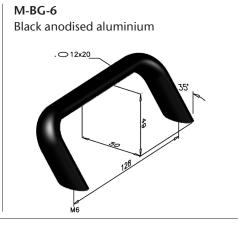




Handles

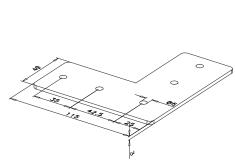
M-BG-4A
Satin anodised aluminium
M-BG-4B
Bronze anodised aluminium

M-BG-5
Black anodised aluminium



Additional strength

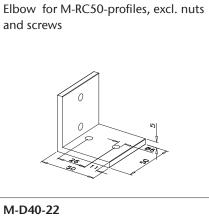
M-I50-16

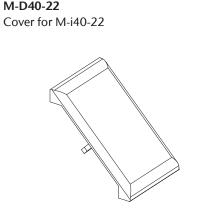


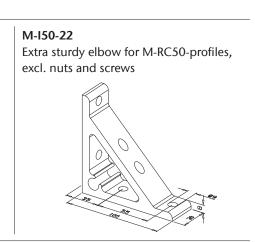
Elbow excl. nuts and screws

M-I50-15







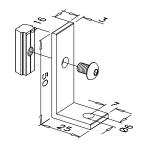


Attachment



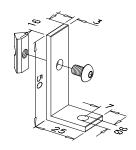
M-705

Base fitting incl. screw and nut (M-711)



M-706

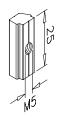
Base fitting for corner profiles incl. screw and nut (M-713)



Insert nuts

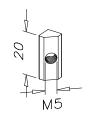
M-711-M5

Sliding nut M5 for M-RC36 and M-RC44 profiles



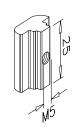
M-713

Sliding nut M5 for M-RC36 and M-RC44 corner profiles



M-I50-10

Sliding nut M5 for M-RC50-4



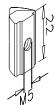
M-I40-11-M5

M-I40-11-M6

M-I40-11-M8

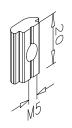
The Insert nut can be used for all open RC40, RC80 profiles and the following closed profiles:

M -RC40-4-C, M-RC40-80-6-6, M-RC80-8-C



M-I50-10-ST/M5 M-I50-10-ST/M6 M-I50-10-ST/M8

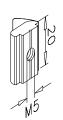
Sliding nut, self holding, for profile M-RC50-4



M-I50-11 M5 M-I50-11 M6

M-I50-11 M6 M-I50-11 M8

Insertion nut for M-RC50 profiles



M-I40-11C-M5 M-I40-11C-M6

M-I40-11C-M8

The Insert nut can be used for the following closed profiles: M-RC40-4-CL-1N, M-RC40-4-CL-4N,

M-RC40-4-CL-4N, M-RC40-2R-C, M-RC40-2RC-30-2N, M-RC40-2RC-45-2N, M-RC40-2RC-60-2N, M-RC40-2RC-90-2N

M-I50-12

Insertion nut for profile M-RC50-4



M-710

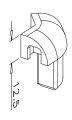
Insertion nut M5 for M-RC36 and M-RC44 profiles



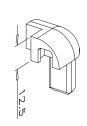
End caps and cover profiles

M-US-3 Cover, quarter round, for

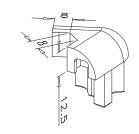
M-RC44-3R



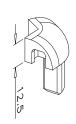
M-US-6 Cover, quarter round, for M-RC44-2R



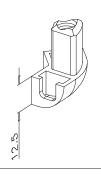
M-US-10 Cover, quarter round, for M-RC44-4R



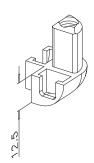
M-US-11 Cover, quarter round, for M-RC44-6R



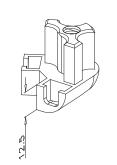
M-US-3G-M8 Cover, quarter round, threaded M8, for M-RC44-3R



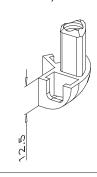
M-US-6G-M8 Cover, quarter round, threaded M8, for M-RC44-2R



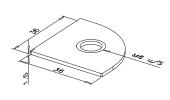
M-US-10G-M8 Cover, quarter round, threaded M8, for M-RC44-4R



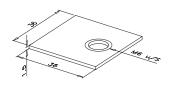
M-US-11G-M8 Cover, quarter round, threaded M8, for M-RC44-6R



M-D36-2R-6 End cover for M-RC36-2R



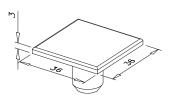
M-D36-6-C End cover for M-RC36-6



M-D50-6 End cover for M-RC50-4



M-D36-6 End cover for M-RC36-4



M-US-22 Screw covers for M-PC36-5 and M-PC44-5 connections



M-US-30 Cover for M-PC50 connectors



M-RC50-D

Cover profile for open profiles, grey plastic



M-RC40-D

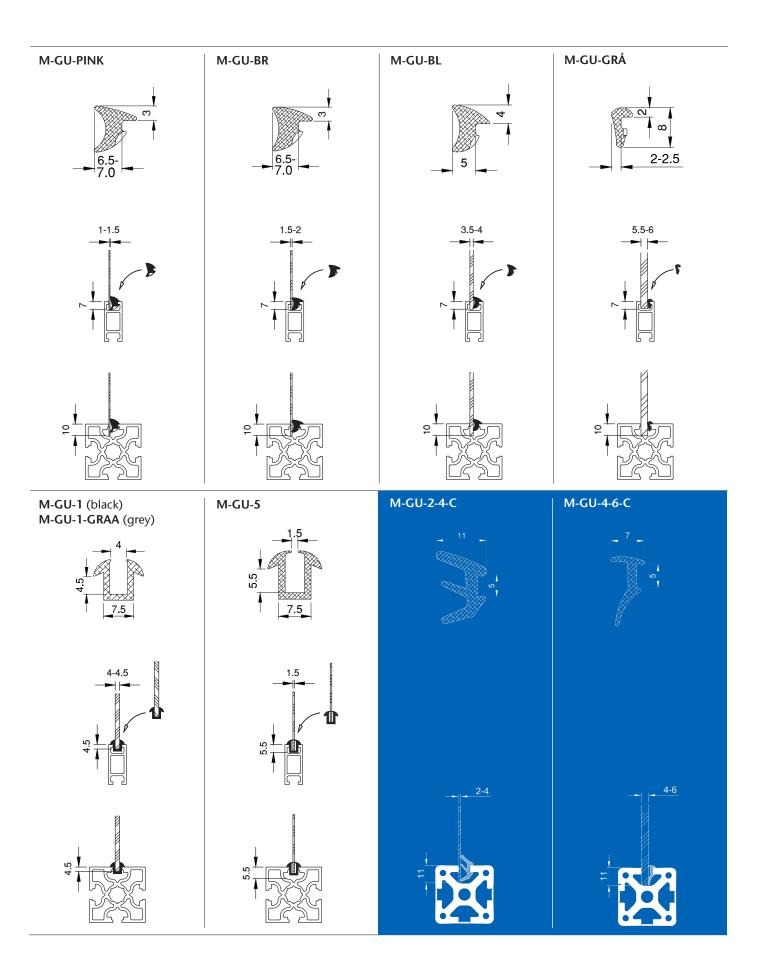
Cover profile for open profiles, aluminium





M-D40-6RG-M10 M-D40-6G-M10 M-D40-80-6G-M10 M-D80-6G-M10 M-D40-6G-M12 M-D40-6RG-M12 M-D40-80-6G-M12 M-D80-6G-M12 M-D40-6RG-M16 M-D40-6G-M16 M-D80-6G-M16 M-D40-80-6G-M16 Bottom plug with thread, for Bottom plug with thread, Bottom plug with thread, for Bottom plug with thread, for M-RC40-2R for M-RC40-4 M-RC40-80-6 M-RC80-8 M-D40-6R M-D40-6 M-D40-80-6 Nylon cover for M-RC40-2R Nylon cover for M-RC40-4 Nylon cover for M-RC40-80-6 M-D40-2R-6C M-D40-6C M-D40-80-6C M-D80-6C Nylon cover for M-RC40-4-C Nylon cover for M-RC40-2R-C Nylon cover for Nylon cover for M-RC40-80-6-C M-RC80-8-C M-D40-2R-6C-30 M-D40-2R-6C-45 M-D40-2R-6C-60 M-D40-2R-6C-90 Nylon cover for Nylon cover for Nylon cover for Nylon cover for M-RC40-2RC-30-2-N M-RC40-2RC-45-2-N M-RC40-2RC-60-2-N M-RC40-2RC-90-2-N

Gaskets



Cover profiles



Panel insertion without	M-GU-2	M-GU-4	
rubber profiles	22 16 00 00 00 00 00 00 00 00 00 00 00 00 00	14.5	
Max 8 -→			

Access doors



Types



Vertical sliding door with pulley and lead



Vertical sliding door with pulley and lead, synchronous



Vertical sliding door, pneumatic



Vertical sliding door, with hidden lead



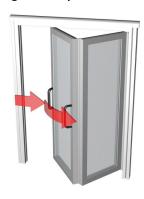
Vertical sliding door, up and down, synchronous



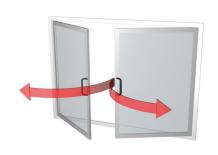
Bi-folding double door, verticalt



Bi-folding door, top-lead



Side-hinged door



Sliding door



Gull wing folding door, front operated



Gull wing door, top operated

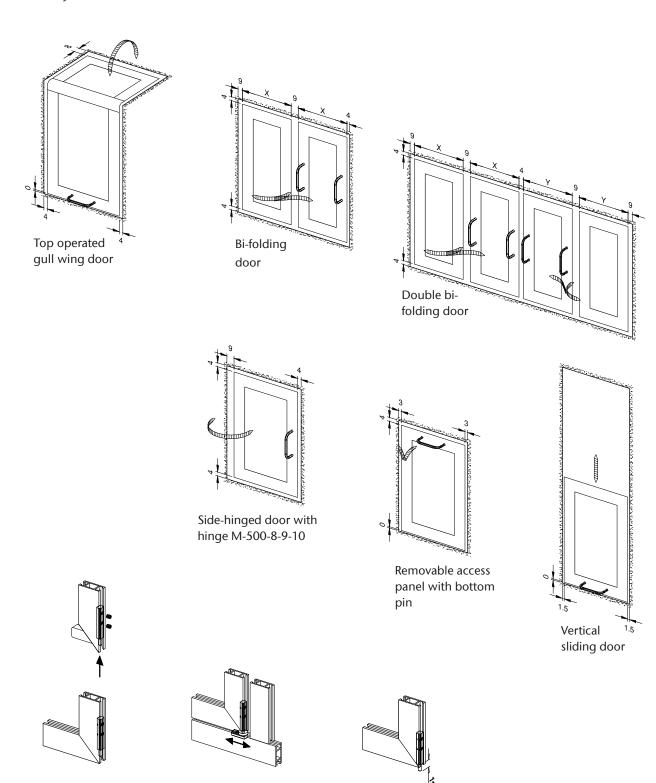


Removable access panel with bottom pin



Methods

This overview shows how much space is needed around the different door solutions to assure the best functionality.



For doors with

mitred profiles

use 12 mm pin

hinge:

M-702-12,

M-703-12, M-I50-14-12, M-I50-18-12

All fittings must be

assembling doors

with mitred profiles

preassembled before

Assembling

doors with

mitred profiles

the pin hinges can be adjusted

horizontally

Fixings



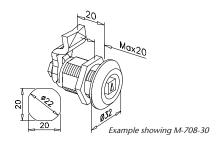
M-708-30 (up to 20 mm profile/panel)

M-708-35 (up to 25 mm profile/panel)

M-708-40 (up to 30 mm profile/panel)

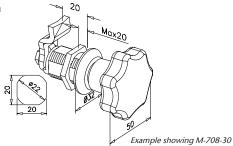
M-708-50 (up to 40 mm profile/panel)

Door lock for key

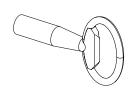


M-708-B-30 (up to 20 mm profile/panel) M-708-B-35 (up to 25 mm profile/panel) M-708-B-40 (up to 30 mm profile/panel) M-708-B-50 (up to 40 mm profile/panel)

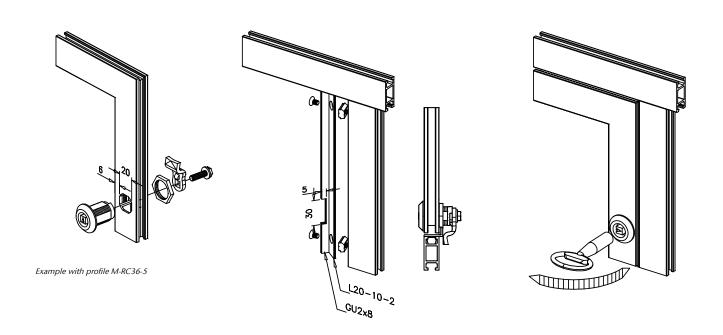
Door catch with star handle



M-708-N Key

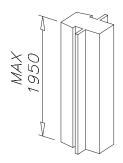


Assembling door lock

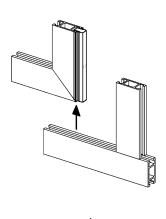


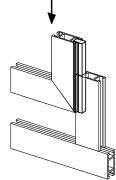
Vertical sliding

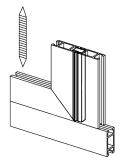
M-714-P Nylon profile



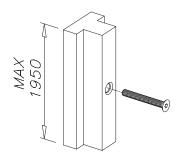
Assembly of M-714-P



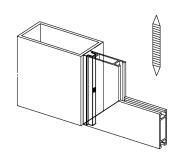




M-714-T Nylon guide



Assembly of M-714-T

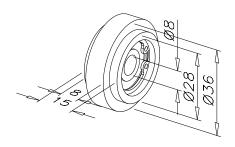


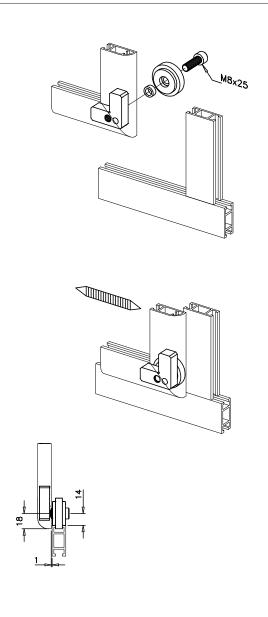
Sliding

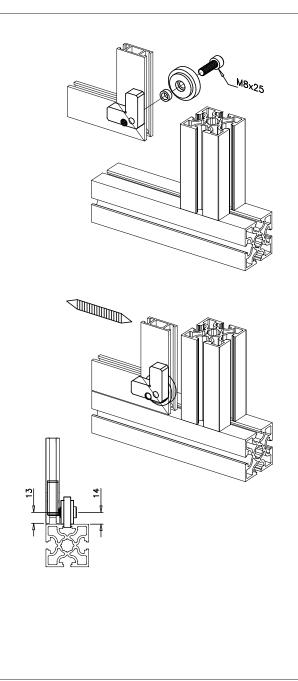


M-723

White nylon roller with ball bearing for sliding doors – incl. screw.

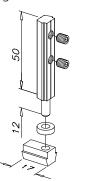




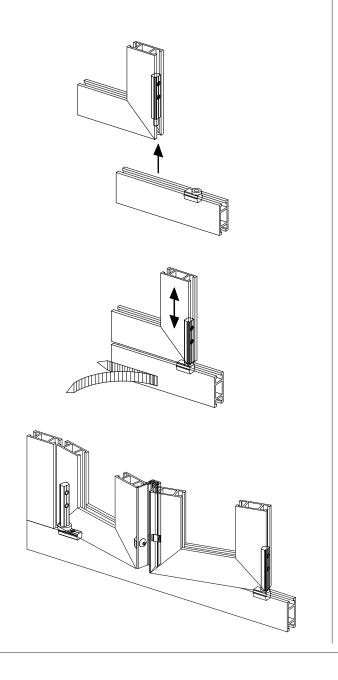


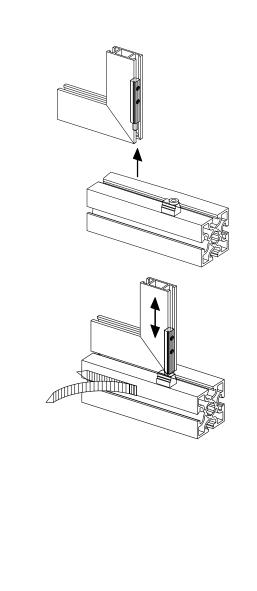
Bi-folding

M-703-12
For mitred built bi-folding doors with frame of profile M-RC36 and M-RC44



M-I50-18-12
For mitred built bi-folding doors with frame of profile M-RC50-4

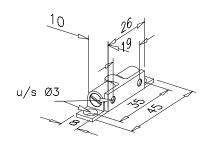




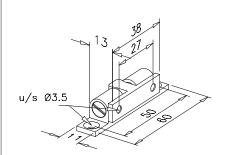
Catches



M-709 45 mm Ball catch

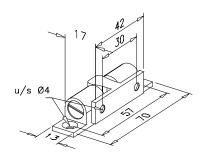


M-709 60 mm Ball catch

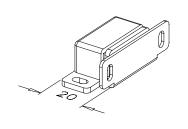


M-709 70 mm

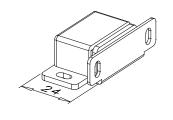




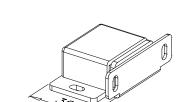
M-707 4 kg Magnetic catch



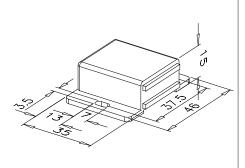
M-707 6 kg Magnetic catch

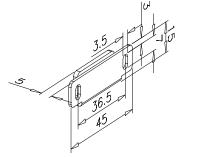


M-707 8 kg Magnetic catch



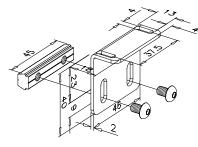
M-707 11 kg Magnetic catch

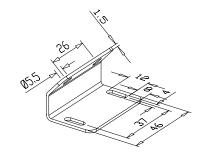


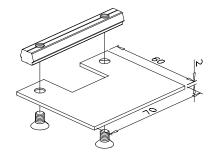


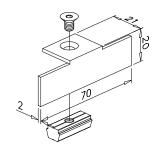
Examples!

For mounting of magnetic and ball catches there are steel or aluminium fittings according to project.





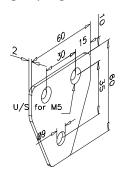




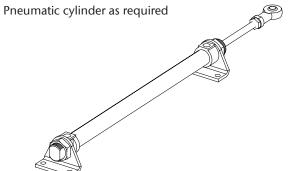
Pneumatics

M-719

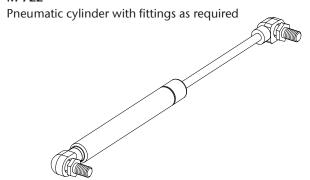
Mounting device for gas spring excl. screws and nuts



M-800



M-722



Welcome at System Standex





System Standex is a well established company with many years of experience in the development and manufacture of aluminium constructions. Our systems are used for the production of frame works manufactured to your specific designs. Frames for machine guards - trolleys - works stations - cabinets - enclosures - partition on screens.

The systems are supplied in component or kit form or as a complete assembly. Please contact us for futher information and details on cost and method of supply.



