

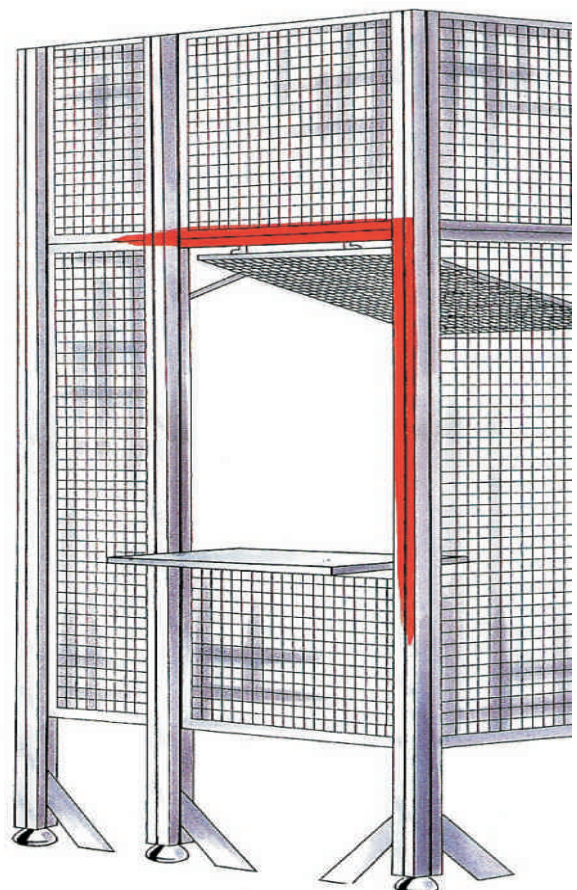
SYSTEM

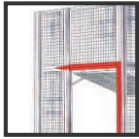
SCHUTZZAUN

SCHUTZVERKLEIDUNG FÜR MASCHINEN UND ANLAGEN

PROTECTIVE EQUIPMENTS FOR MACHINES AND PLANTS

EQUIPEMENTS DE PROTECTION POUR MACHINES ET PLANTS





NAVIGATION NAVIGATION NAVIGATION

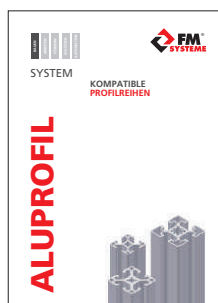


	Nutbreite des Profils 5 / 8E / 8 / 10	Profile groove width 5 / 8E / 8 / 10	Rainure 5 / 8E / 8 / 10
	Profilreihe / Ausführung L = leicht N = normal MS = mittelschwer S = schwer 10K = Kernloch Ø10	Profile series / Version L = light N = normal MS = medium weight S = heavy 10K = core hole Ø10	Série / version L = léger N = normal MS = mi-lourd S = lourd 10K = alésage Ø10
05.01352.00	Bestell - Nummer	Order number	Référence
■ 1.02 / ➔ ■ 14.01	Seitenzahl / Verweis auf Seite	Page no. / Reference to page	Page / Renvoi en page
	Technische Informationen	Technical Information	Informations techniques
	Profilbearbeitung	Profile processing	Gamme d'usages
	In Profilbearbeitung: - empfohlen (mit Bearbeitung)	In profile processing: - possible with processing	En gamme d'usage: - applicable avec usinage
	In Profilbearbeitung: - ohne Bearbeitung	In profile processing: - without processing	En gamme d'usage: - applicable sans usinage
	Werkzeug / Vorrichtung	Tool / Device	Outils / Gabarit
GD-Al GD-Zn St, vz. VA	Aluminiumdruckguss Zinkdruckguss Stahl, verzinkt Edelstahl	Diecast aluminium Zinc diecast Galvanized steel Stainless steel	Aluminium moulé sous pression Zamak Acier zingué Acier inoxydable
	ESD - leitfähig	ESD conductive	Matériau conducteur ESD
	Drehmoment [N] / Maximale Belastung [N]	Torque [N] / Maximum load [N]	Couple [N] / Charge maxi [N]
	Verweis auf separaten Katalog	Reference to separate catalogue	Renvoi à un autre catalogue
	FM - Patent	FM patent	Brevet FM

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bitte separaten Katalog
anfordern

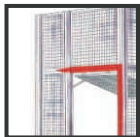
Aluprofil

Please request separate
catalogue for more
Information

Profiles

Pour plus d'informations,
demandez notre catalogue
détaillé

Profiles



BESCHREIBUNG DESCRIPTION DESCRIPTION



FM-Schutzeinrichtungen beugt Sicherheitsrisiken in Fertigung und Produktion vor. Das standardisierte **FM-Schutzzaun-System** bietet eine besonders effektive und wirtschaftliche Lösung für alle Arten von Schutzverkleidungen an Maschinen, Anlagen und Produktionseinrichtungen unter Berücksichtigung der aktuellen europäischen Normen.

Mit der ansprechenden Optik passen die **FM-Schutzzaun-Systeme** zum Stil moderner Maschinen. Zusätzlich weisen die **FM-Schutzzaun-Systeme** ein hohes Maß an Transparenz auf. Somit können Arbeitsabläufe an den Maschinen leicht beobachtet und überwacht werden.

Darüber hinaus verfügen **FM-Schutzzaun-Systeme** über eine Reihe bemerkenswerter Eigenschaften:

- Einfacher und schneller Aufbau vor Ort
- Maximum an standardisierten Elementen
- Kein Planungsaufwand
- Beliebige Anpassung an Vorhandene Gegebenheiten
- Problemlose Erweiterung bestehender Anlagen

Individuelle Schutzeinrichtungen wie z.B. Umhausungen, Maschinenverkleidungen, sowie ergänzende Anbauten können mit dem **FM-Aluprofilsystem** leicht von uns geplant und "nahtlos" realisiert werden. Ihre Gesamtlösung ergibt somit eine einheitliches Bild.

FM Protective equipments are remedy for safety risks in manufacturing and production. The new **FM Protective Fence System** offers a special, effective and economic solution for all kinds of protection paneling for machines, plants, manufacturing facilities in consideration of the existing european standards.

FM Protective Fence System with its trendy look fits well to modern machines. Additionally **FM Protection Grid Systems** allow a high degree of transparency and make it easier to recognize the operational procedures of the machines.

The customized protection equipments e.g. machine paneling or indoor fence formations, as well as additional attachments can be easily and "seamlessly" carry out with the **FM Aluprofile System** so that a complete solution as "a piece" comes to existence. Furthermore **FM Protective Fence Systems** dispose not yet one remarkable characteristic:

Easy and fast construction on location with a minimum of standardized elements without cost planning. Adoption or readjustment without any problems of the available conditions, also on existing equipments.

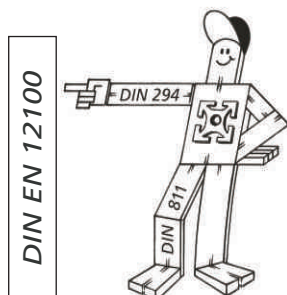
FM Equipements de Protections représentent un remède contre les risques pouvant être liés à la fabrication, et à la production. Les nouvelles barrières de Protection de **FM System** offre une spéciale, efficace et économique solution pour tous les types de protection de machines, plans, filiales de production, et tout cela en tenant compte des divers standards européens.

FM System barrières de protection, de part son design très moderne convient parfaitement avec les machines de types plus récents. De plus **FM System barrières de protection** autorise un haut degré de transparence et offrant la possibilité d'une reconnaissance facilitée pour les procédures opérationnelles des machines.

Les équipements de protections personnalisés comme usinent le panneautage ou les formations d'intérieur de barrières, comme les attachements additionnels peuvent être facilement effectuée, d'une manière telle que l'assemblage parait inexistant et ceci grâce au système de **FM Alu profile** de sorte qu'une solution complète composée de plusieurs pièces vienne à l'existence.

De plus les systèmes de barrières de protections ne disposent pas seulement d'une caractéristique remarquable: Une construction facile et rapide sur le lieu, avec un minimum d'éléments normalisés sans la moindre planification de coût. Adoption ou rajustement sans aucuns problèmes des conditions requises, et ceci également sur les équipements existants.

DIN EN ISO 12100



Die DIN EN ISO 12100 ist eine Maschinenrichtlinie, welche die Beurteilung von Risiken zum Schutz von Einrichtung zu Grunde legt. Entsprechend dieser Norm sind trennende Schutzeinrichtungen jeglicher Art (Zäune, Türen, Gehäuse, usw.) körperliche Sperren gegen das Eintreten von Menschen in den Gefahrenbereich der Maschinen. Des weiteren bieten sie dem Menschen Schutz gegen aus dem Gefahrenbereich geschleuderte Teile oder austretende Stoffe. Die Schutz-Systeme sind in der Art gestaltet, dass die Demontage nur durch den Einsatz von Werkzeugen oder durch Gewalteinwirkung erfolgen kann und somit die sich im Bereich der Einrichtung aufhaltenden Menschen geschützt sind.

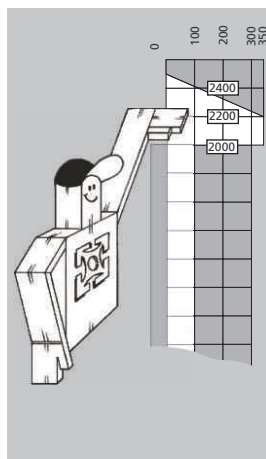
The new protection fence system considered the standard DIN EN ISO 12100, which is appropriate for a risk evaluation and for protecting mechanism. Separating protection device of any kind (next to protection fences also doors, housing, etc.) physical barriers are approximately against parts hurled into the danger area of the machines as well as a protection from the danger area or withdrawing materials.

FM protection device is in such a way arranged that the disassembly can take place only by the employee with tools or by impact.

Le nouveau système de palissade de protection FM dispose de la norme DIN EN ISO 12100, qui trouve sa raison dans le jugement de la protection. Dispositifs protecteurs séparant de chaque type (à côté des clôtures de protection, portes, logements, etc.) des barrières physiques des parties dans la zone dangereuse des appareils ainsi qu'une protection des environs de la zone dangereuse ou des matières sortantes.

Le système de palissade de protection FM est organisé de telle sorte que le démontage ne puisse avoir lieu que par l'application d'outils ou par un impact.

DIN EN 294



Die DIN EN 294 regelt Sicherheitsabstände gegen das Erreichen von Gefahrenstellen mit den oberen Gliedmaßen.

Die FM-Schutzzaunsystem mit der Standardhöhe von 2000mm und den optionalen Höhen von 2200mm und 2400 mm, gewährleisten einen relativ geringen Abstand von lediglich 200 mm zum geschützten Objekt. Dies wird nicht zuletzt durch das Standardgitter 40x40x4 ermöglicht. Eine raumoptimierte Bauweise ist somit realisierbar.

In der Grafik sind die Sicherheitsabstände für die FM-Standardhöhen dargestellt.

Safety margins against reaching danger places with the upper member masses.

The new protection fence system offers a relatively small distance from only 200mm to the Object, which permits an optimal as well as rational building method with its standard height of 2000mm and the optional height of 2200mm.

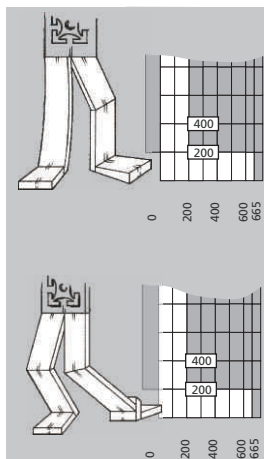
In the laterally represented diagram are the safety would be away for the FM standard heights represented.

Distances de sécurité contre la réalisation des postes de danger avec les masses de membres supérieurs.

Le nouveau système de palissade de protection FM offre avec sa hauteur de 2000mm et le choix optionnel d'une hauteur 2200mm une relative et faible distance de seulement 200 mm de l'objet, que seul une optimale et rationnelle méthode de construction envisage.

Dans le diagramme représenté latéralement, sont représentés les hauteurs de sécurité standards d'FM qui seraient éloignées.

DIN EN 811



Die DIN EN 811 regelt Sicherheitsabstände gegen das Erreichen von Gefahrenstellen mit den unteren Gliedmaßen.

Die Norm erlaubt bei Öffnungen, die schlitzförmig größer als 180 mm, bzw. quadratisch oder kreisförmig größer als 240 mm sind den Zugang für den gesamten Körper. Ebenso werden die Sicherheitsabstände bei unterschiedlichen Bodenabständen beschrieben. Der Standardbodenabstand der FM-Schutzzaun-Systeme beträgt 200 mm. Aus der vorausgesetzten Standposition beträgt der Sicherheitsabstand somit 665mm.

Die Grafik zeigt die Sicherheitsabstände für den FM-Standardbodenabstand.

Safety margins against reaching danger places with the lower member masses.

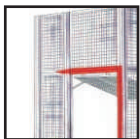
This DIN permits those with openings, more largely than 180 mm, e.g. Square or in a circle larger than 240mm are the entrance for the entire body. Likewise this standard describes the safety margins with different distance from the ground. For the FM standard soil distance of 200mm this is a safety margin of 665mm from the condition's position.

In the diagram are the safety would be away for the FM standard soil distance represented.

Distances de sécurité contre la réalisation des postes de danger avec les masses de membres inférieurs.

DIN permet lors des ouvertures supérieur à 180mm l'accès total pour le corps (par exemple, ouverture carré ou circulaire supérieur à 240mm). De même, cette norme décrit les distances de sécurité avec des distances de sol différentes. Pour la distance standard au sol de FM de 200mm cela nécessite une distance de sécurité de 665mm comme condition.

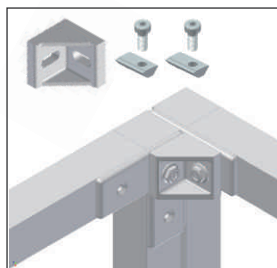
Le diagramme représente, la distance sécurité standard FM au sol dont on se tiendrait éloigné.



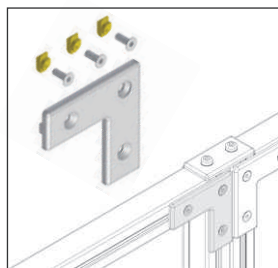
RAHMENBAUWEISE RB

FRAMEWORK BUILDING METHOD RB

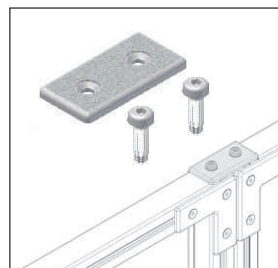
METHODE DE CONSTRUCTION CADRE RB



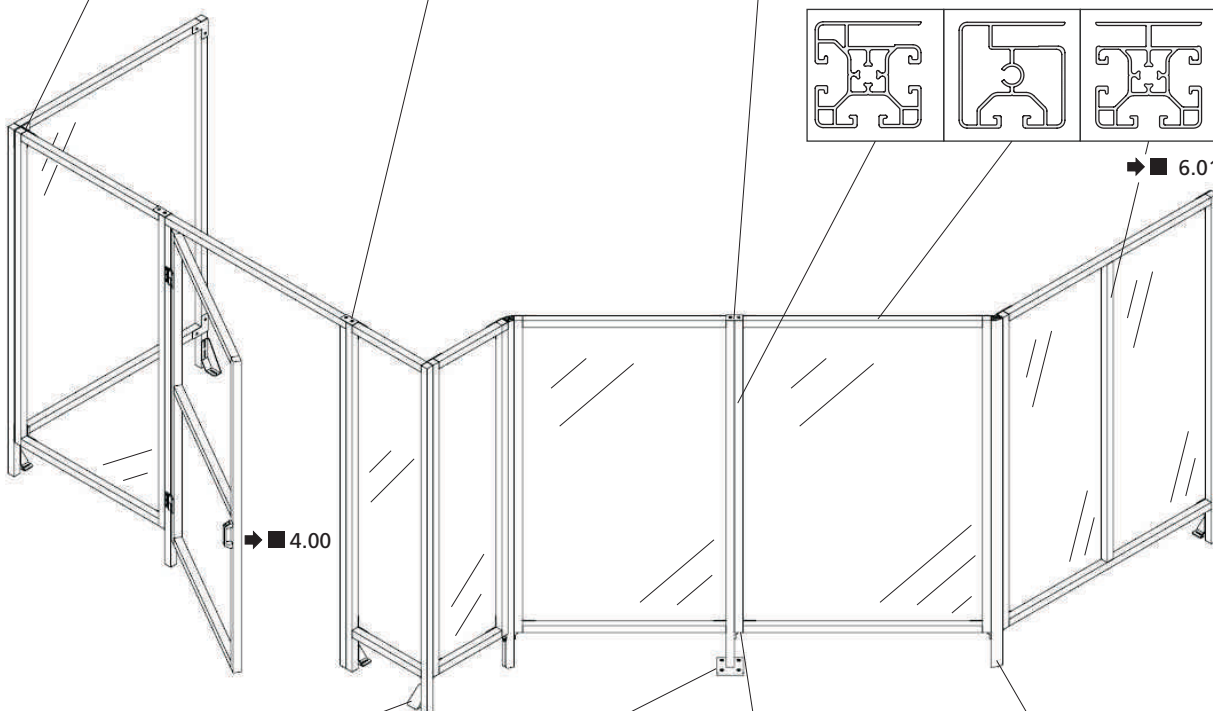
➡ ■ 2.05



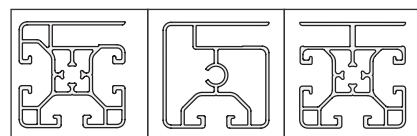
➡ ■ 2.05



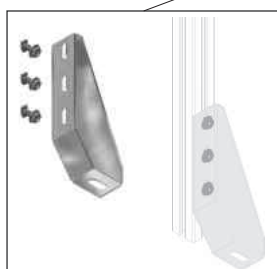
➡ ■ 2.05



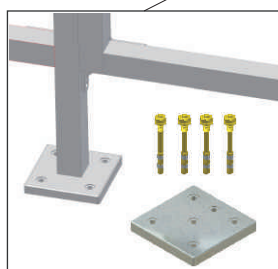
➡ ■ 4.00



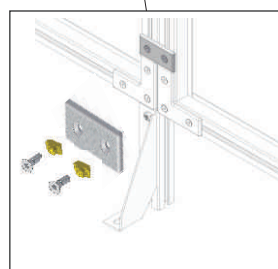
➡ ■ 6.01



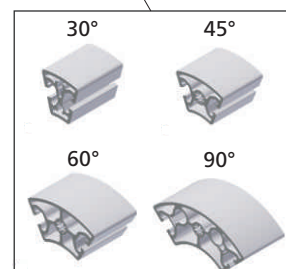
➡ ■ 2.03



➡ ■ 2.03



➡ ■ 2.05



➡ ■ 2.04

Technische Änderungen vorbehalten

RAHMENBAUWEISE RB

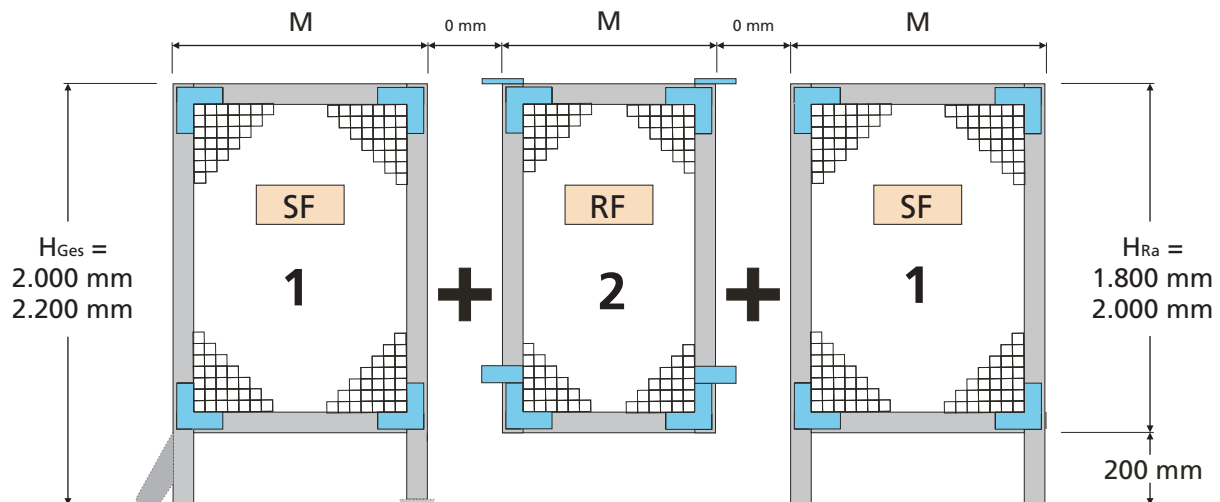
FRAMEWORK BUILDING METHOD RB

METHODE DE CONSTRUCTION CADRE RB



Prinzip - Rahmenbauweise

Principle - Framework building method · Principe - Methode de construction cadre



- **Einfache Montage**
Simple building method
Construction plus simple

- **Günstiges System**
The beneficial system
Le system plus favorable

- **Kein Spaltmaß**
No gap
Pas d'écart

Merkmale:

- Minimaler konstruktiver Aufwand durch Rasterbreiten
- Komplet **vormontierte** Ständerfelder (SF) und Rahmenfelder (RF)

Größen:

Standardhöhe: H = 2.000 mm
Optional: H = 2.200 mm

Breiten ab Lager:
M = 750 / 1.000 / 1.250 / 1.500 mm

Rasterbreiten:
M = 300 - 2.000 mm im
50 mm Raster

Flächenelement:

Basiselement:
Verzinktes Wellgitter
40 x 40 x 4 mm

Characteristics:

- **Simple** assembly system and building method
- Stand fields (SF) and suspension fields (RF) are completely preassembled

Dimensions:

Standard height: H = 2.000 mm
Possibility: H = 2.200 mm

Width from stock:
M = 750 / 1.000 / 1.250 / 1.500 mm

Standard width:
From M = 300 - 2.000 mm with
50 mm of distance

Dimensional element:

Standard element:
Waving lattice 40 x 40 x 4 mm,
galvanized

Caracteristiques:

- Assemblage et construction **plus simple**
- Les panneaux principaux (SF, RF) sont **prémontés**

Dimensions:

Longueur standard: H = 2.000 mm
Option: H = 2.200 mm

Largeur pris en magasin:
M = 750 / 1.000 / 1.250 / 1.500 mm

Largeur standard:
De M = 300 - 2.000 mm est d'une
Distance 50 mm

Element de surface:

Element standard:
Grille ondulée, zinguée
40 x 40 x 4 mm



RAHMENBAUWEISE RB

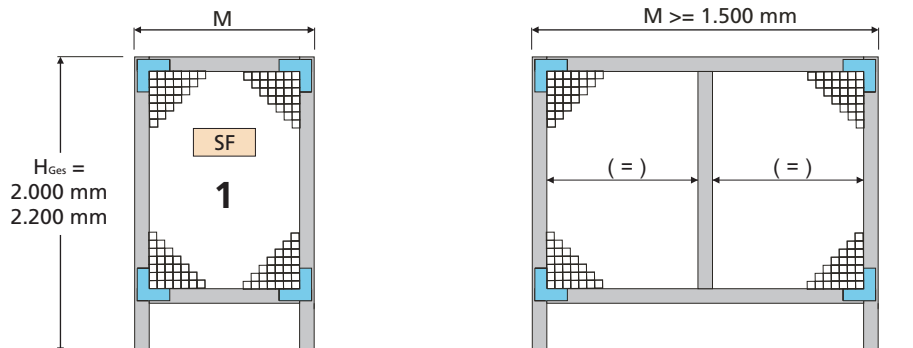
FRAMEWORK BUILDING METHOD RB

METHODE DE CONSTRUCTION CADRE RB



Ständerfelder - SF

Stand fields(SF) · Panneaux(SF)



SF ab Lager · Width from stock · Largeur pris en magasin

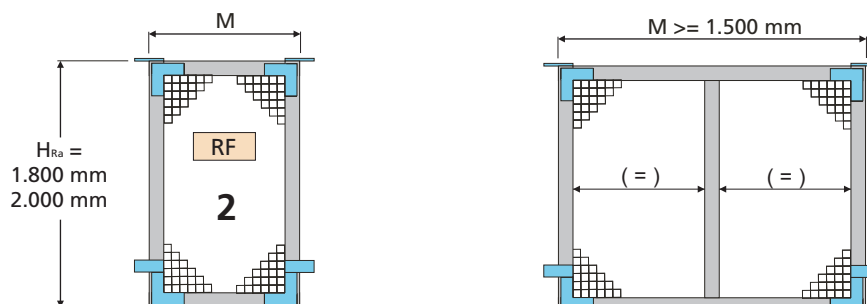
H _{Ges}	M (mm)	Art.Nr.
2.000 mm	750	05.05021.12
	1.000	05.05021.17
	1.250	05.05021.22
	1.500	05.05021.27
2.200 mm	750	05.05221.12
	1.000	05.05221.17
	1.250	05.05221.22
	1.500	05.05221.27

Rasterbreiten (50 mm) · Modular width · Largeur modular

H _{Ges}	M	Art.Nr.
2.000 mm	xy	05.05021.xy
2.200 mm	xy	05.05221.xy
xy = M : 50 - 3		
Bsp: M = 800 mm → xy = 800 : 50 - 3 = 13		
300 mm <= M <= 2000 mm		

Rahmenfelder - RF

Suspension fields (RF) · Panneaux (RF)



RF ab Lager · Width from stock · Largeur pris en magasin

H _{Ges}	M (mm)	Art.Nr.
2.000 mm	750	05.05022.12
	1.000	05.05022.17
	1.250	05.05022.22
	1.500	05.05022.27
2.200 mm	750	05.05222.12
	1.000	05.05222.17
	1.250	05.05222.22
	1.500	05.05222.27

Rasterbreiten (50 mm) · Modular width · Largeur modular

H _{Ges}	M	Art.Nr.
2.000 mm	xy	05.05022.xy
2.200 mm	xy	05.05222.xy
xy = M : 50 - 3		
Bsp: M = 800 mm → xy = 800 : 50 - 3 = 13		
300 mm <= M <= 2000 mm		

RAHMENBAUWEISE RB

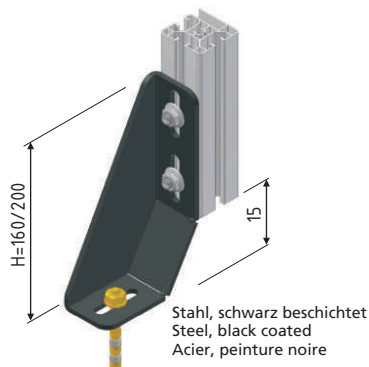
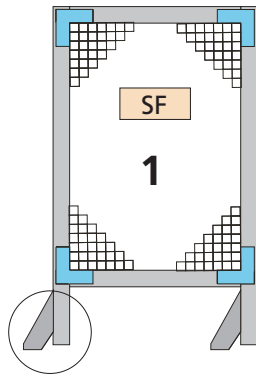
FRAMEWORK BUILDING METHOD RB

METHODE DE CONSTRUCTION CADRE RB



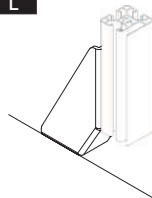
Fundamentwinkel

Foundation bracket · Equerres d'ancrage au sol



Ausführung links
Design left
Version gauche

L



L + 2x

05.01169.05

H=160

L + 3x

05.01174.05

H=200



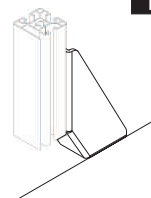
Befestigung mit
Hammerschrauben

Fastened with hammerhead
screws

Fixation par vis 1/4 de tour

Ausführung rechts
Design right
Version droite

R



R + 2x

05.01168.05

H=160



Fundamentschraube
separat bestellen

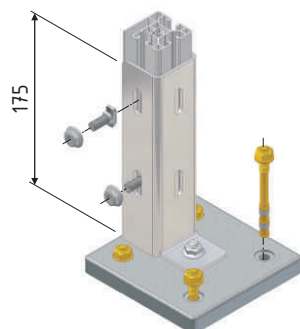
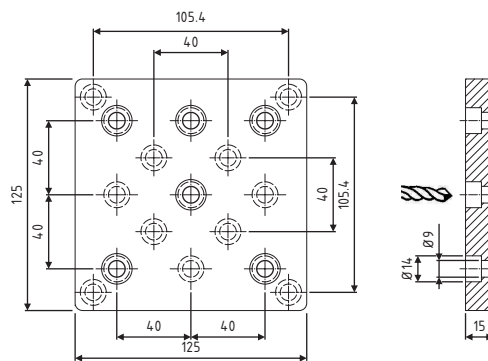
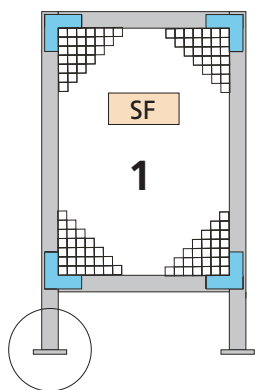
Foundation screw
order separately

Cheville d'ancrage
commander séparément

05.01172.00

Bodenplatte

Base plate · Embase de piétement



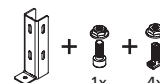
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05.01125.00



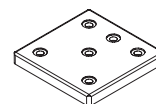
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Bodenplatte
Base Plate
Embase de piétement

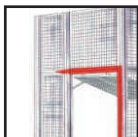
GD-Zn



Stützwinkel
Support Bracket
Fourreau

St, vz

Technische Änderungen vorbehalten



RAHMENBAUWEISE RB

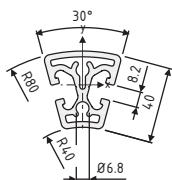
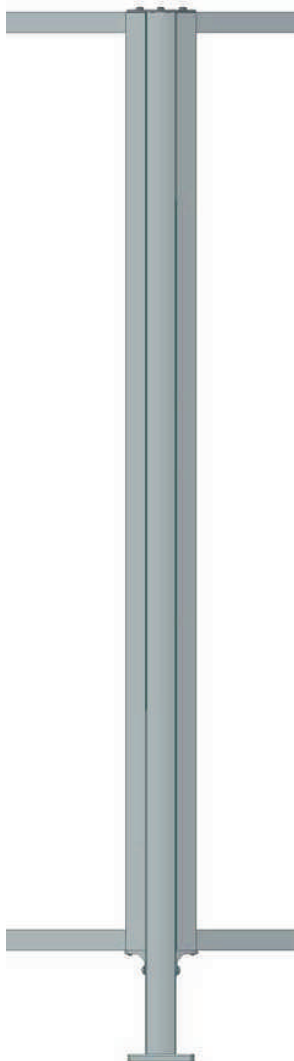
FRAMEWORK BUILDING METHOD RB

METHODE DE CONSTRUCTION CADRE RB

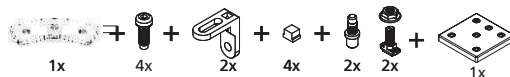


Stützen 30° / 45° / 60° / 90°

Pillars · Piliers

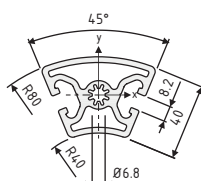


M = 1,62 kg/m

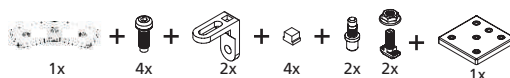


H = 2.000 05.05053.13

H = 2.200 05.05253.13

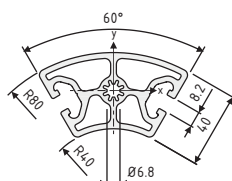


M = 2,20 kg/m

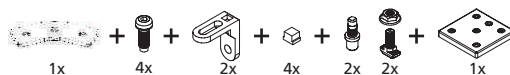


H = 2.000 05.05053.23

H = 2.200 05.05253.23

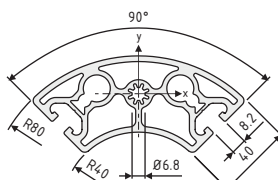


M = 2,78 kg/m

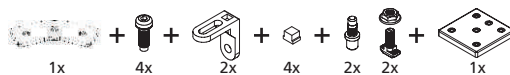


H = 2.000 05.05053.33

H = 2.200 05.05253.33



M = 3,92 kg/m

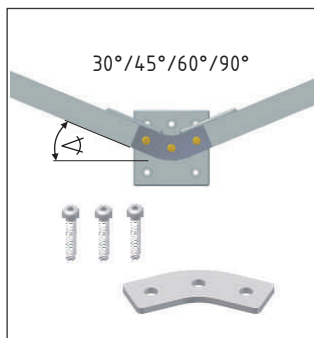
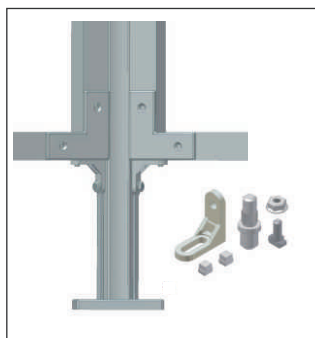


H = 2.000 05.05053.43

H = 2.200 05.05253.43

Radius-Laschen 30° / 45° / 60° / 90°

Radius-straps · Plaques-radius



30°

05.01532.00



45°

05.01533.00



60°

05.01535.00



90°

05.01534.00

Technische Änderungen vorbehalten

RAHMENBAUWEISE RB

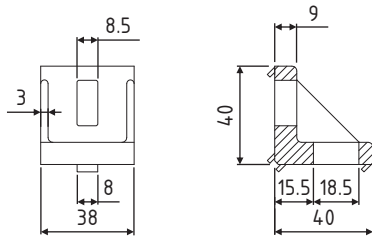
FRAMEWORK BUILDING METHOD RB

METHODE DE CONSTRUCTION CADRE RB



38x40x40 - Eckverbindung

Corner joint · Connexion de corner



05.01250.00

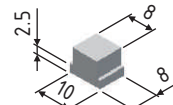
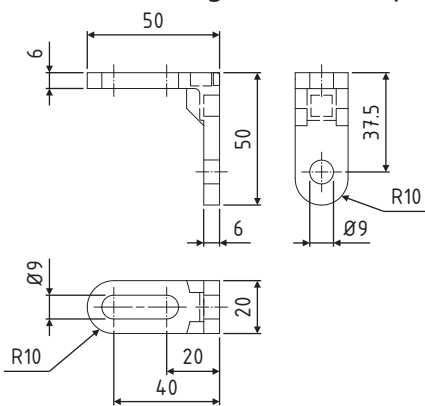


05.01250.10

2 x pro Ecke · 2 x for a corner · 2 x par une corner

ECO Schutzzaunwinkel

ECO protective fence angle bracket · Equerre de suspension ECO



05.02034.00



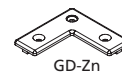
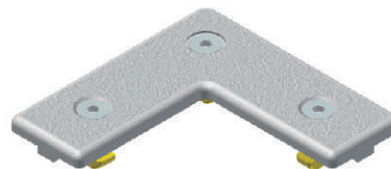
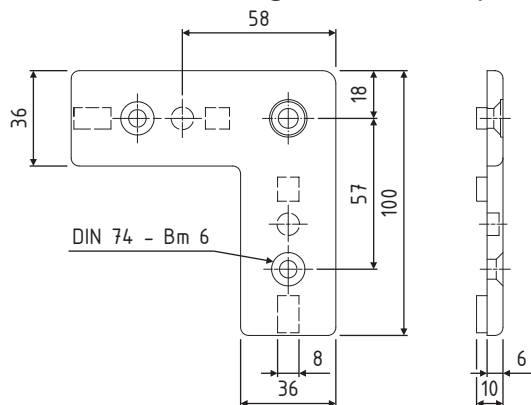
05.02034.10



05.02034.30

Schutzzaunwinkel

Protective fence angle bracket · Plaque de renfort angulaire



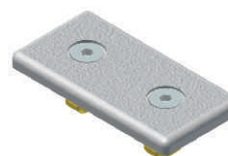
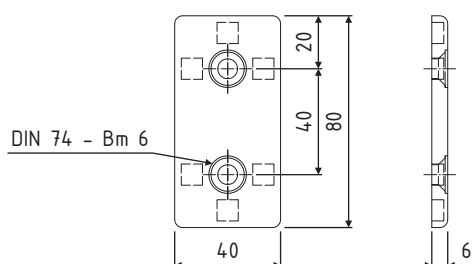
05.02032.00



05.02032.10

Schutzzaunlasche

Protective fence joint bar · Plaque de renfort



05.02033.00

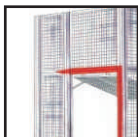


05.02033.10



05.02033.30

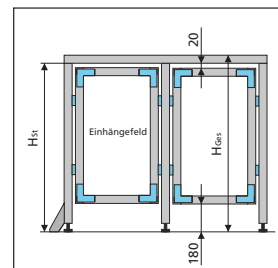
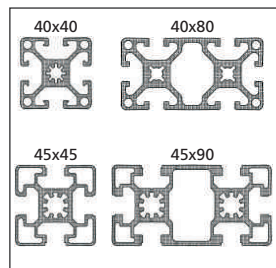
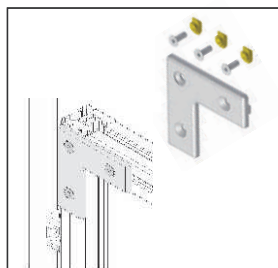
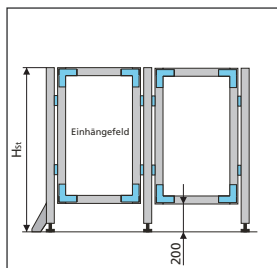
Technische Änderungen vorbehalten



EINHÄNGEBAUWEISE CLASSIC

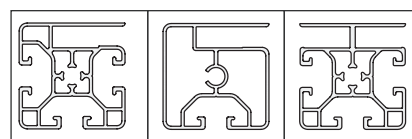
SUSPENSION CONSTRUCTION CLASSIC

CONSTRUCTION D'ACCROCHAGE CLASSIC

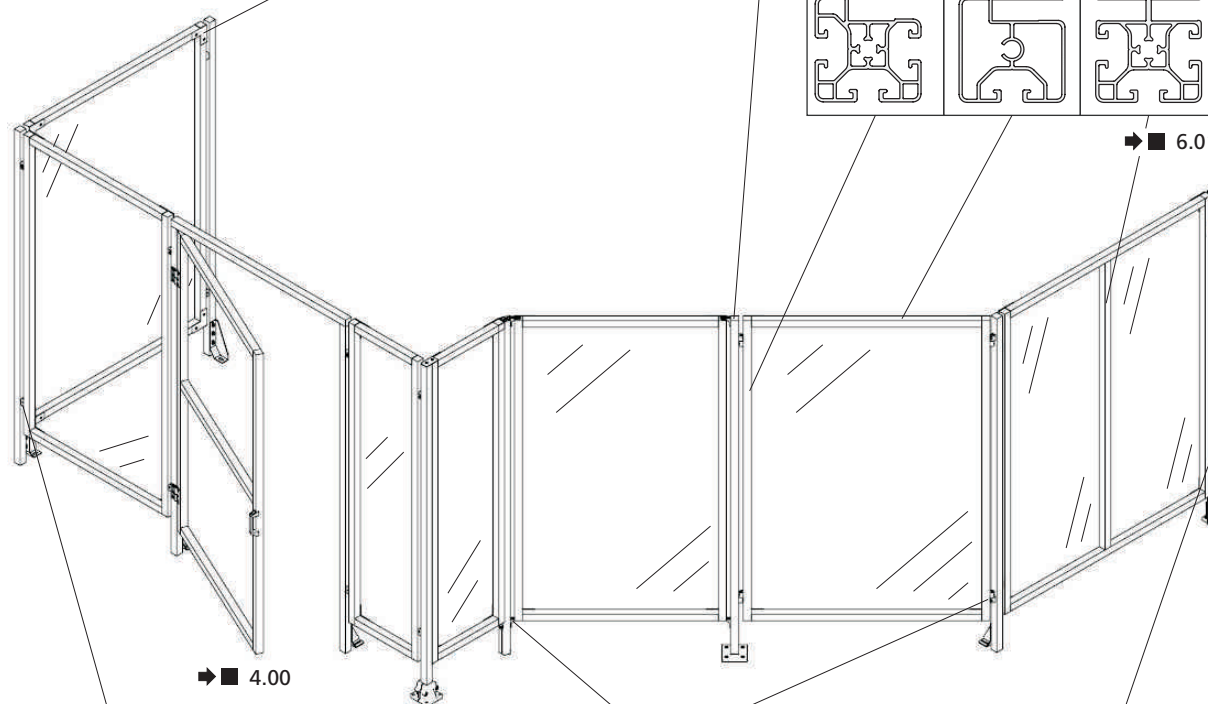


➡ ■ 2.05

➡ ■ 6.00



➡ ■ 6.01

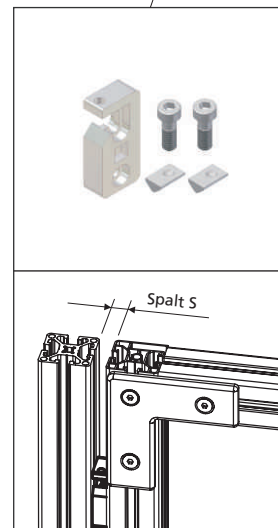
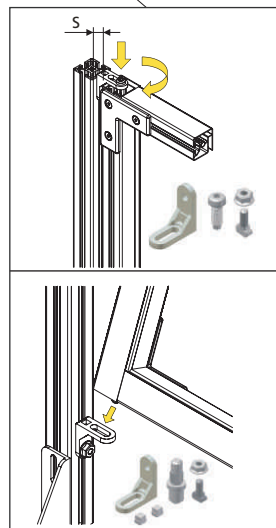
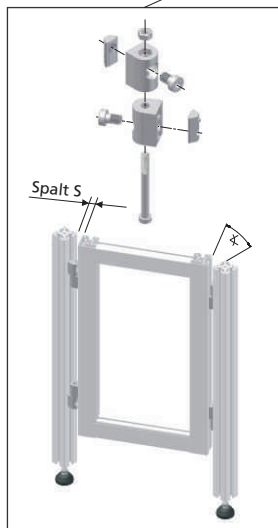
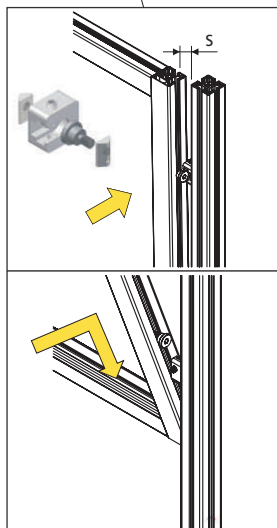


S=20-22,5 mm ➡ ■ 3.03

S=22,5 mm ➡ ■ 3.04

S=20-22,5 mm ➡ ■ 3.05

S=12,5-15 mm ➡ ■ 3.06



Technische Änderungen vorbehalten

Technische Änderungen vorbehalten

EINHÄNGEBAUWEISE CLASSIC

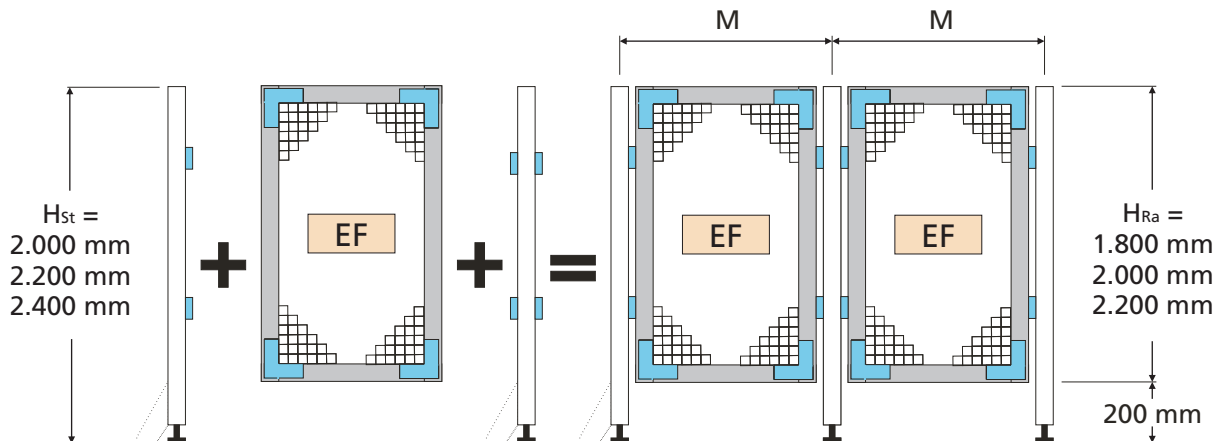
SUSPENSION CONSTRUCTION CLASSIC

CONSTRUCTION D'ACCROCHAGE CLASSIC



Prinzip - Einhängebauweise

Principle - Suspension construction · Principe - Construction d'accrochage



3

● Universelle Anordnung

Universal arrangement
Disposition universelle

● Vielseitig und variabel

Multifunctional and variable
Multitâche and variable

● Zur Automobilsicherung

For automobile security
Pour sécurité automobile

Merkmale:

- Durch **spezielle Einhngung** schneller Zugang zum geschtzten Objekt
- Umfangreiches **Zubehrangebot**
- Auch mit **umlaufender Strebe** oben lieferbar

Groen:

Standardhhe: H = 2.000 mm
Optional: H = 2.200 mm
H = 2.400 mm

Breiten ab Lager:

M = 750 / 1.000 / 1.250 / 1.500 mm

Standardbreiten:

M = 300 – 2.000 mm im
50 mm Raster

Flchenelement:

Basiselement:
Verzinktes Wellgitter
40 x 40 x 4 mm

Characteristics:

- **Special suspension** for faster access to protected object
- Suitable for **protecting automobiles**
- Also available with **surrounding struts**

Dimensions:

Standard height: H = 2.000 mm
Possibility: H = 2.200 mm
H = 2.400 mm

Width from stock:

M = 750 / 1.000 / 1.250 / 1.500 mm

Standard width:

From M = 300 - 2.000 mm with
50 mm of distance

Dimensional element:

Standard element
Waving lattice 40 x 40 x 4 mm,
galvanized

Caracteristiques:

- **Module facilement dmontable**, accessibilit aise
- Prconis dans l'automobile
- Egalement disponible avec **barre horizontale suprieure**

Dimensions:

Longueur standard: H = 2.000 mm
Option: H = 2.200 mm
H = 2.400 mm

Largeur pris en magasin:

M = 750 / 1.000 / 1.250 / 1.500 mm

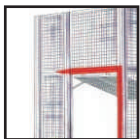
Largeur standard:

De M = 300 - 2.000 mm est d'une
distance 50 mm

Element de surface:

Element standard
Grille ondule, zingue
40 x 40 x 4 mm

Technische nderungen vorbehalten



EINHÄNGEBAUWEISE CLASSIC

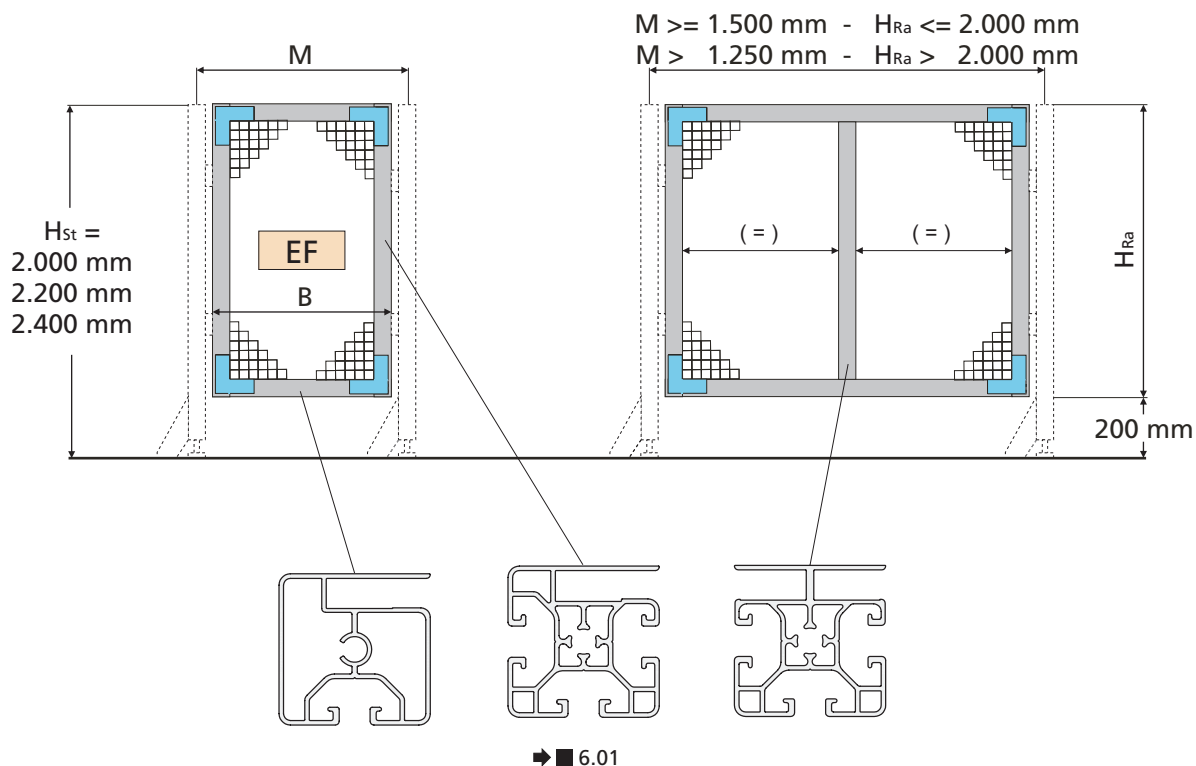
SUSPENSION CONSTRUCTION CLASSIC

CONSTRUCTION D'ACCROCHAGE CLASSIC



Einhängefelder

Suspensions fields (EF) · Modules suspendus (EF)



EF ab Lager · Width from stock · Largeur pris en magasin

H_{Ges}	M (mm)	Art.Nr.
2.000 mm	750	05.05052.12
	1.000	05.05052.17
	1.250	05.05052.22
	1.500	05.05052.27
2.200 mm	750	05.05252.12
	1.000	05.05252.17
	1.250	05.05252.22
	1.500	05.05252.27
2.400 mm	750	05.05452.12
	1.000	05.05452.17
	1.250	05.05452.22
	1.500	05.05452.27

Rasterbreiten (50 mm) · Modular width · Largeur modular

H_{Ges}	M	Art.Nr.
2.000 mm	xy	05.05052.xy
2.200 mm	xy	05.05252.xy
2.400 mm	xy	05.05452.xy
$xy = M : 50 - 3$		
Bsp: $M = 800 \text{ mm} \rightarrow xy = 800 : 50 - 3 = 13$		
$300 \text{ mm} \leq M \leq 2000 \text{ mm}$		

Technische Änderungen vorbehalten

EINHÄNGEBAUWEISE CLASSIC

SUSPENSION CONSTRUCTION CLASSIC

CONSTRUCTION D'ACCROCHAGE CLASSIC



Classic - Einhängung

Suspension element · Élément de suspension

Merkmale:

- Durch **spezielle Einhängung** schneller Zugang zum geschützten Objekt
- Entspricht den Normen der **Automobilindustrie**
- Einfache und schneller Aufbau
- **Ein - Mann - Montage**
- Spaltmaß $S = 22,5$ (20) mm

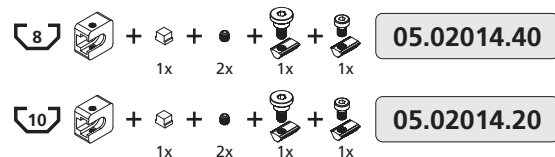
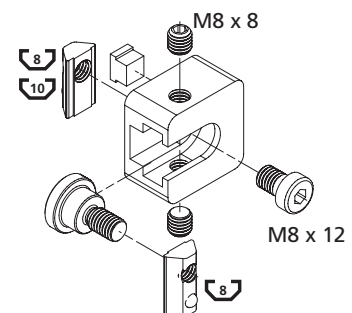
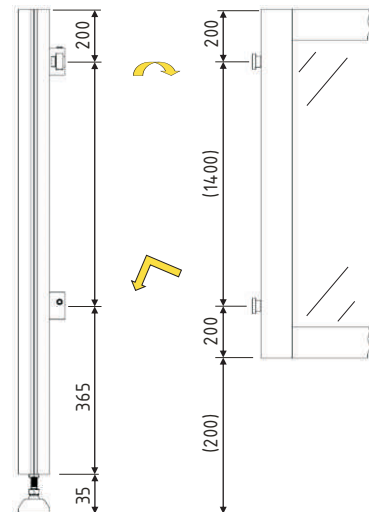
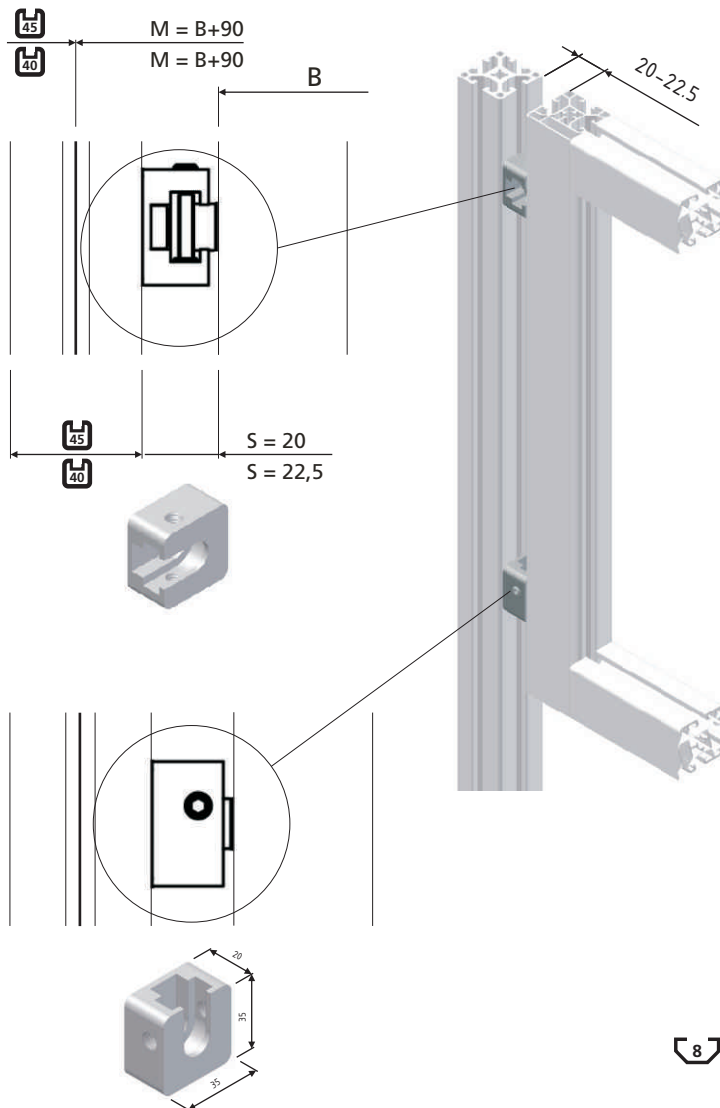
Characteristics:

- **Special suspension** for faster access to protected object
- Suitable for **protecting automobiles**
- One man assembly
- Clearance $S = 22,5$ (20) mm

Caracteristiques:

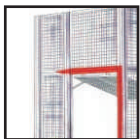
- **Module facilement démontable**, accessibilité aisée
- Préconisé dans l'automobile
- Juste une personne nécessaire pour le système d'accrochage
- Fente $S = 22,5$ (20) mm

3



4 x pro Feld · 4 x for a field · 4 x par un module

Technische Änderungen vorbehalten



EINHÄNGEBAUWEISE CLASSIC

SUSPENSION CONSTRUCTION CLASSIC

CONSTRUCTION D'ACCROCHAGE CLASSIC



Winkeleinhängung

Angle suspension element · Élément de suspension articulé

Merkmale:

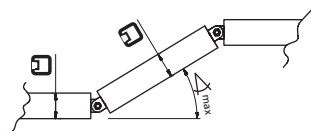
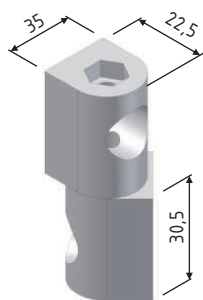
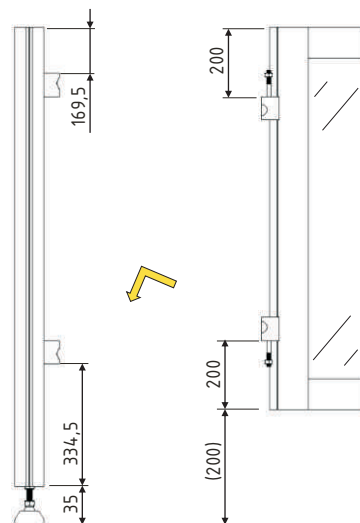
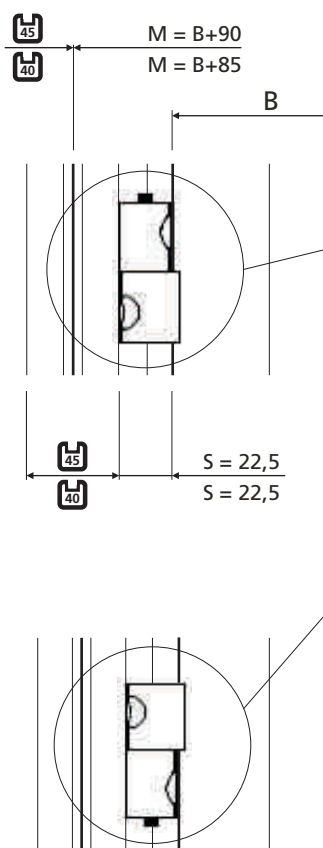
- Säulen können bis zu 60°(55°) axial verdreht und somit in eine **nicht rechteckige Anordnung** gebracht werden
- Sehr **stabile** Einhängung
- Spaltmaß S = 22,5 mm

Characteristics:

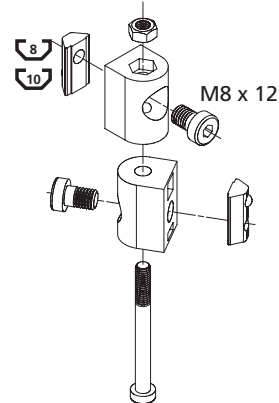
- Pillars can be axial contorted in an angle of 60°(55°)
- Very solid suspension
- Clearance S = 22,5 mm

Caracteristiques:

- Piliers peut braque axial à un Angle de 60°(55°)
- Le système d'accrochage très stable
- Fente S = 22,5 mm



	40	45
Δ_{max}	60°	55°



10 - 8 2x + 2x **05.02087.20**

8 - 8 2x + 2x **05.02087.40**

4 x pro Feld · 4 x for a field · 4 x par un module

EINHÄNGEBAUWEISE CLASSIC

SUSPENSION CONSTRUCTION CLASSIC

CONSTRUCTION D'ACCROCHAGE CLASSIC



ECO Schutzzaunwinkel

ECO protective fence angle bracket · Equerre de suspension ECO

Merkmale:

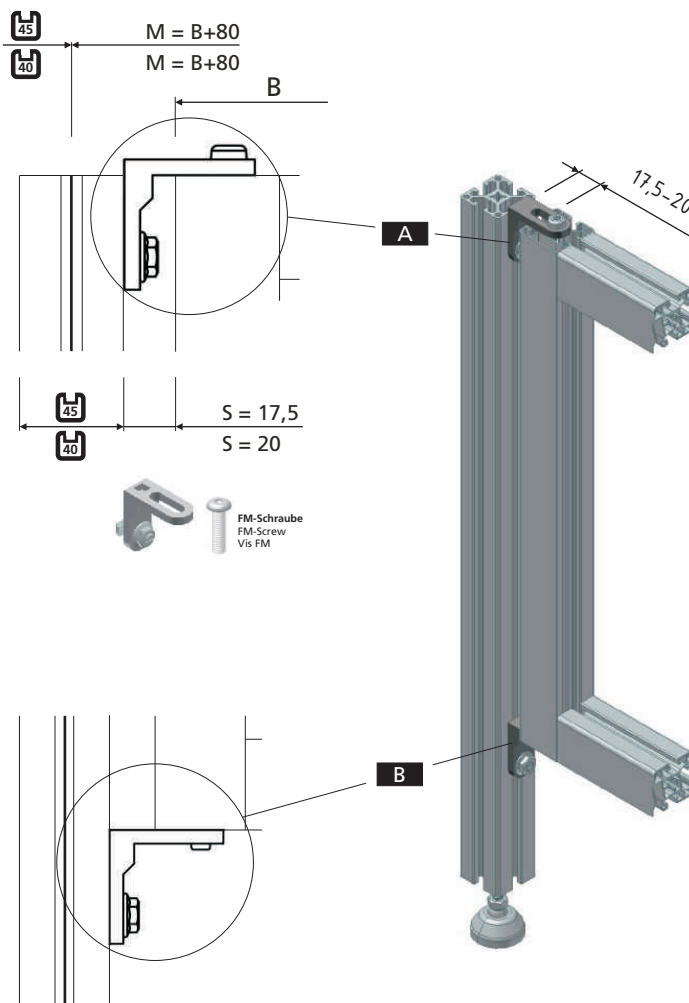
- Einhängfelder (EF) und Säulen können unter **variablem Winkel** montiert werden
- Einhängfelder (EF) werden bei Montage unten **eingehängt** und mit dem **Winkel** oben befestigt.
- Spaltmaß S = 20 (17,5) mm

Characteristics:

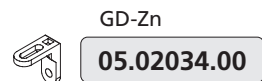
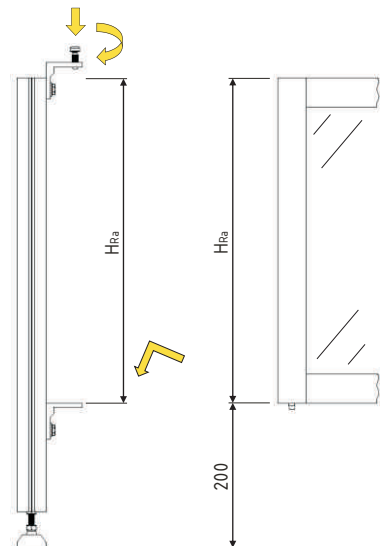
- Suspension fields (EF) and pillars can be mounted in different angle
- During assembly, suspension fields (EF) and columns are just hooked in and fastened with the FM screw
- Clearance S = 20 (17,5) mm

Caracteristiques:

- Modules suspendus (EF) et piliers peuvent être montés à un angle variable
- Montage simple par vis FM
- Fente S = 20 (17,5) mm



➔ ■ 2.05

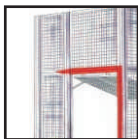


2 x pro Feld · 2 x for a field · 2 x par un module



2 x pro Feld · 2 x for a field · 2 x par un module

Technische Änderungen vorbehalten



EINHÄNGEBAUWEISE CLASSIC

SUSPENSION CONSTRUCTION CLASSIC

CONSTRUCTION D'ACCROCHAGE CLASSIC



ECO-Einhängung

ECO suspension element · Élément de suspension ECO

Merkmale:

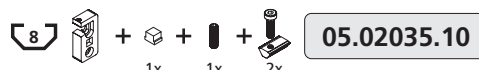
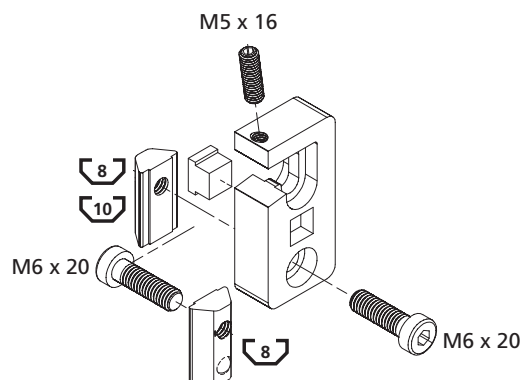
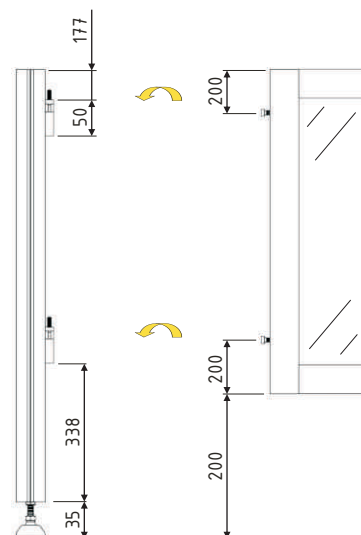
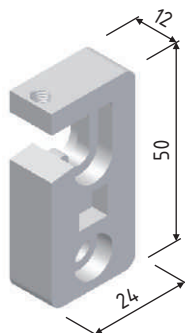
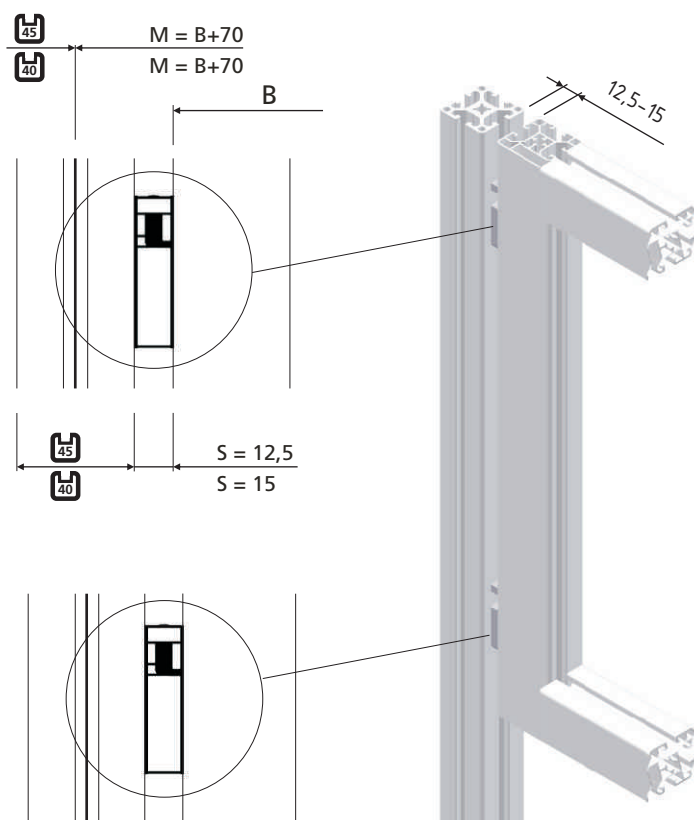
- Durch spezielle Einhängung schneller Zugang zum geschützten Objekt
- Einfacher und schneller Aufbau
- Ein - Mann - Montage
- geringes Spaltmaß 15 (12,5) mm

Characteristics:

- Special suspension for faster access to protected object
- Fast and easy assembly
- One man assembly
- Clearance $S = 15$ (12,5) mm

Caracteristiques:

- Module facilement démontable, accessibilité aisée
- Le assemblage est rapide et simple
- Juste une personne nécessaire pour le système d'accrochage
- Fente $S = 15$ (12,5) mm



4 x pro Feld · 4 x for a field · 4 x par un module

EINHÄNGEBAUWEISE CLASSIC

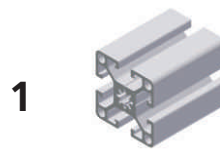
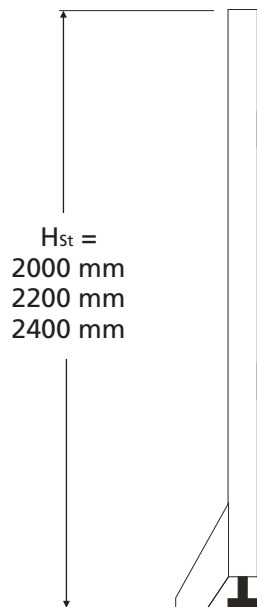
SUSPENSION CONSTRUCTION CLASSIC

CONSTRUCTION D'ACCROCHAGE CLASSIC



System-Stützen

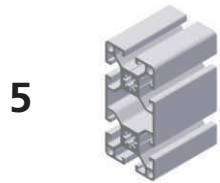
Pillars · Piliers



1

40 x 40 L - 1,55 kg/m

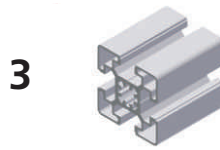
05.01035.00



5

40 x 80 L - 2,63 kg/m

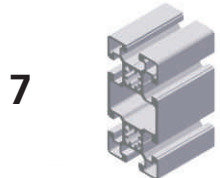
05.01036.00



3

45 x 45 L - 1,70 kg/m

05.01041.00



7

45 x 90 L - 2,90 kg/m

05.01518.00

➔ ■ 6.00

Typ 1

➔ ■ 3.08



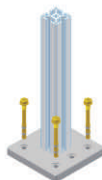
Typ 2

➔ ■ 3.09



Typ 3

➔ ■ 3.10



Typ 5

➔ ■ 3.11



Bestellnummer · Order number · Numéro article

05.05 ☐ 51. ☐ ☐

Fußausführung · Pedestal version · Version de pied

1 = Typ1

2 = Typ 2

3 = Typ 3

5 = Typ 5

Stützenprofil · Pillar profile · Pilier profilé

1 = 40 x 40 L

5 = 40 x 80 L

3 = 45 x 45 L

7 = 45 x 90 L

Stützenhöhe · Profile height · Profilé longueur

0 = 2.000 mm

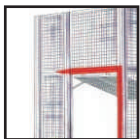
2 = 2.200 mm

4 = 2.400 mm

Stützenhöhe 2.200 mm, Stützenprofil 45 x 45 L, Fußausführung Typ 2

Bestellbeispiel: 05.05251.32

Technische Änderungen vorbehalten



EINHÄNGEBAUWEISE CLASSIC

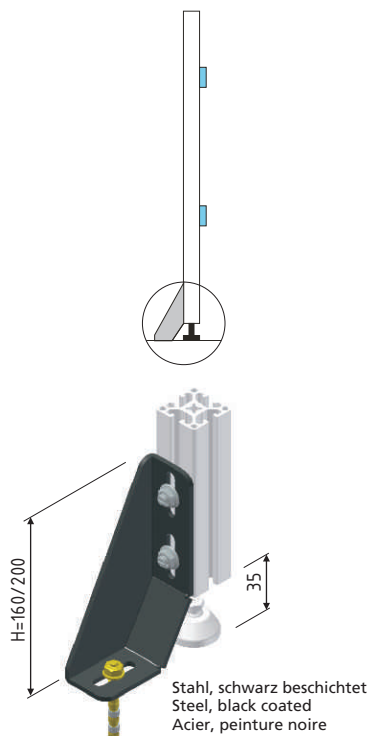
SUSPENSION CONSTRUCTION CLASSIC

CONSTRUCTION D'ACCROCHAGE CLASSIC

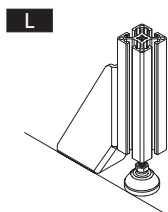


Fundamentwinkel

Foundation bracket · Equerres d'ancrage au sol



Ausführung links
Design left
Version gauche



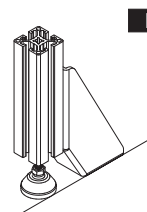
L + **05.01169.05**
2x H=160

L + **05.01174.05**
3x H=200



Befestigung mit
Hammerschrauben
Fastened with hammerhead
screws
Fixation par vis 1/4 de tour

Ausführung rechts
Design right
Version droite



R + **05.01168.05**
2x H=160

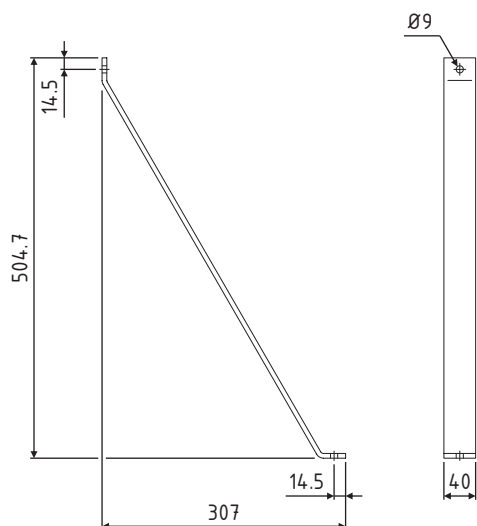


Fundamentschraube
separat bestellen
Foundation screw
order separately
Cheville d'ancrage
commander séparément

05.01172.00

Stützstrebe

Support strut · Bras de renfort



Stahl, verzinkt
Steel, galvanized
Acier, zingué



05.02038.00

05.02038.05

1x

EINHÄNGEBAUWEISE CLASSIC

SUSPENSION CONSTRUCTION CLASSIC

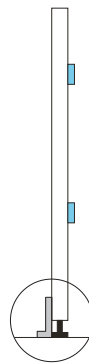
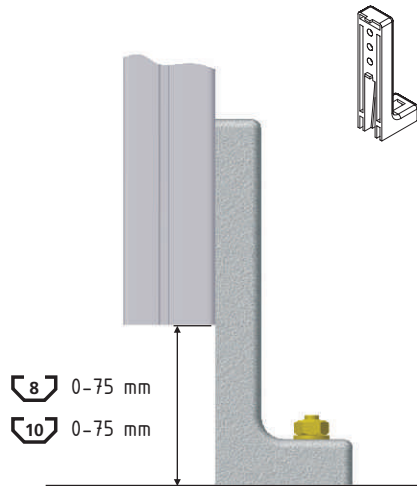
CONSTRUCTION D'ACCROCHAGE CLASSIC



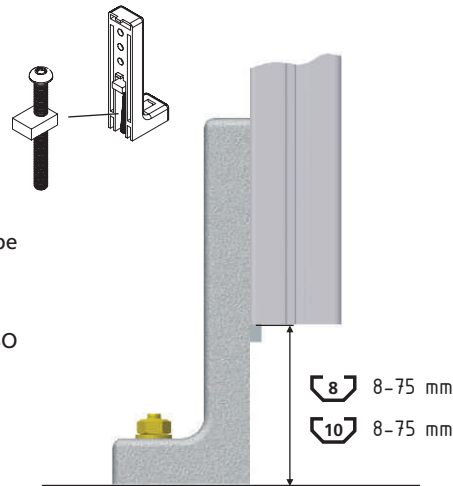
Bodenwinkel

Floor bracket · Equerres d'ancrage au sol

Bodenwinkel ohne Stellschraube
Floor bracket without adjusting screw
Equerre d'ancrage sans vis de réglage



Bodenwinkel mit Stellschraube
Floor bracket with adjusting screw
Equerre d'ancrage avec vis de réglage



Befestigung mit
Verbinderschraube
Fastening with
connector screw
Fixation par vis ISO
et écrou à bille

GD-Zn blank
bare
nature

schwarz
black
noir

05.xxxxx.0x

05.xxxxx.1x

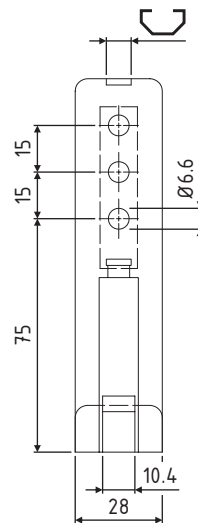
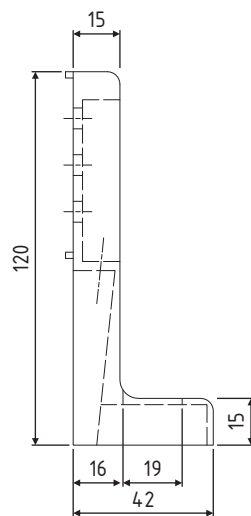
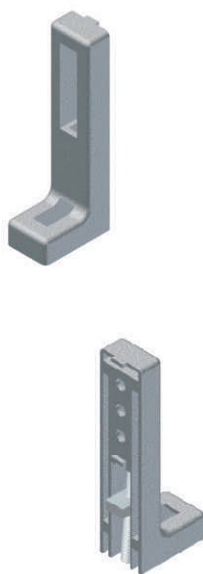


Fundamentschraube
separat bestellen

Foundation screw
order separately

Cheville d'ancrage
commander séparément

05.01172.00



8		05.02225.x0
8	+	05.02225.x6
10		05.02199.x0
10	+	05.02199.x5
8		05.02226.x0
8	+	05.02226.x6
10		05.02200.x0
10	+	05.02200.x5

Technische Änderungen vorbehalten



EINHÄNGEBAUWEISE CLASSIC

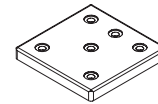
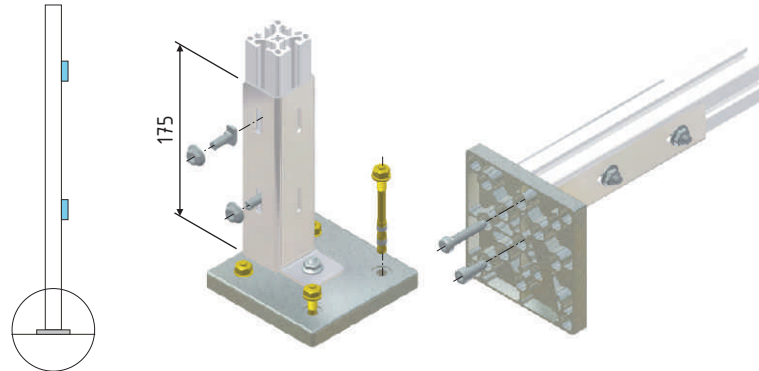
SUSPENSION CONSTRUCTION CLASSIC

CONSTRUCTION D'ACCROCHAGE CLASSIC



Bodenplatte

Foundation bracket · Equerres d'ancrage au sol



Bodenplatte
Base Plate
Embase de
piètement

GD-Zn



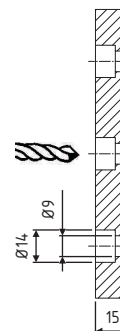
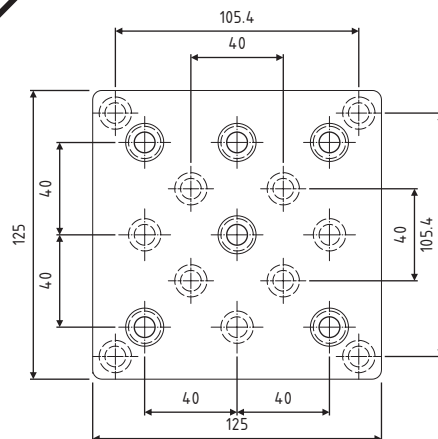
Stützwinkel
Support Bracket
Fourreau

St, vz

Vielseitige Anordnung der Profile
40x40 und 40x80 bzw.
45x45 und 45x90 möglich.

Versatile arrangement of profiles
40x40 and 40x80 or
45x45 and 45x90 possible.

Nombreuses possibilités d'agencement
des profilés 40x40 et 40x80 ou
45x45 et 45x90.



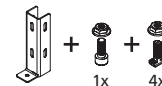
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05.01125.00



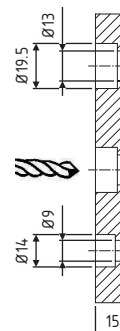
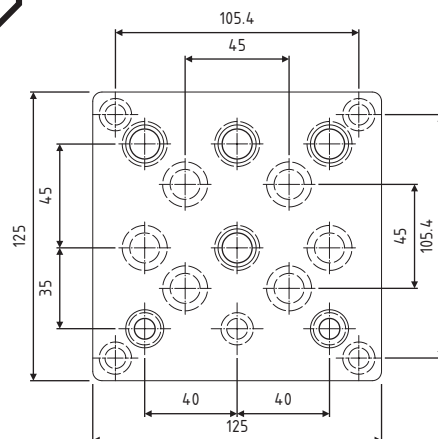
05.02042.00



05.02042.05



05.01172.00



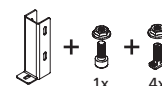
05.02041.00



05.01127.00



05.02043.00



05.02043.05



05.01172.00

EINHÄNGEBAUWEISE CLASSIC

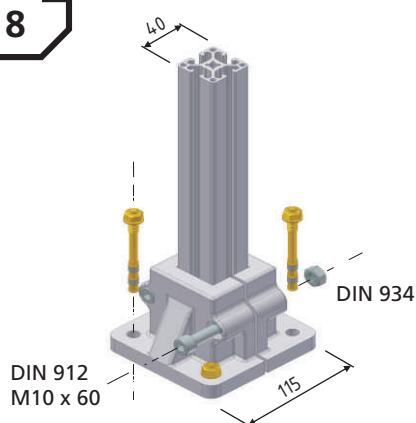
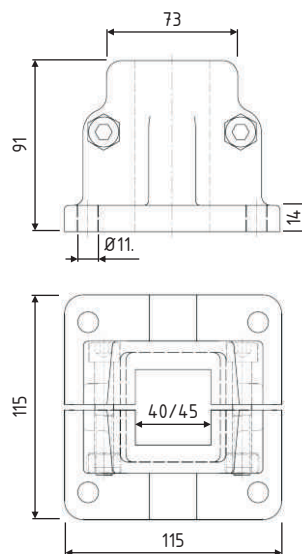
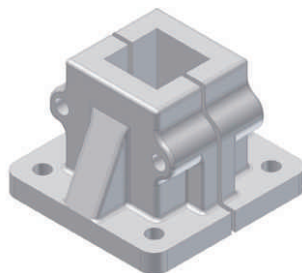
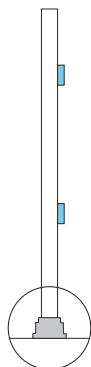
SUSPENSION CONSTRUCTION CLASSIC

CONSTRUCTION D'ACCROCHAGE CLASSIC

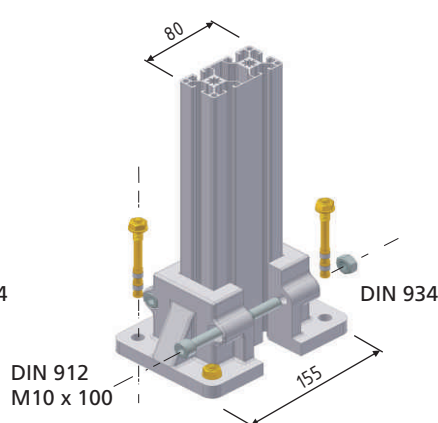


Klemmverbinder

Foundation bracket · Equerres d'ancrage au sol



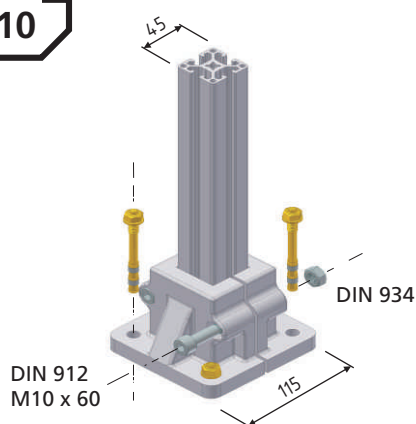
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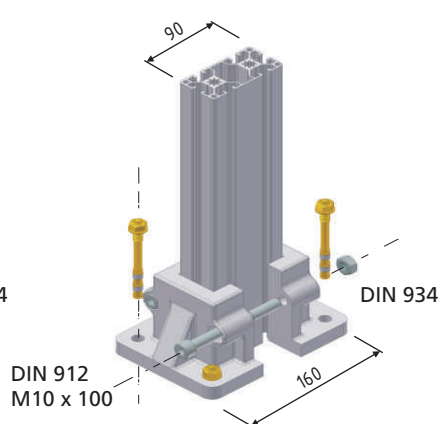
08.11339.01



05.01172.00



08.11340.00



08.11340.01



05.01172.00

Technische Änderungen vorbehalten



Schwenktüren

Swing doors · Portes battantes

Merkmale:

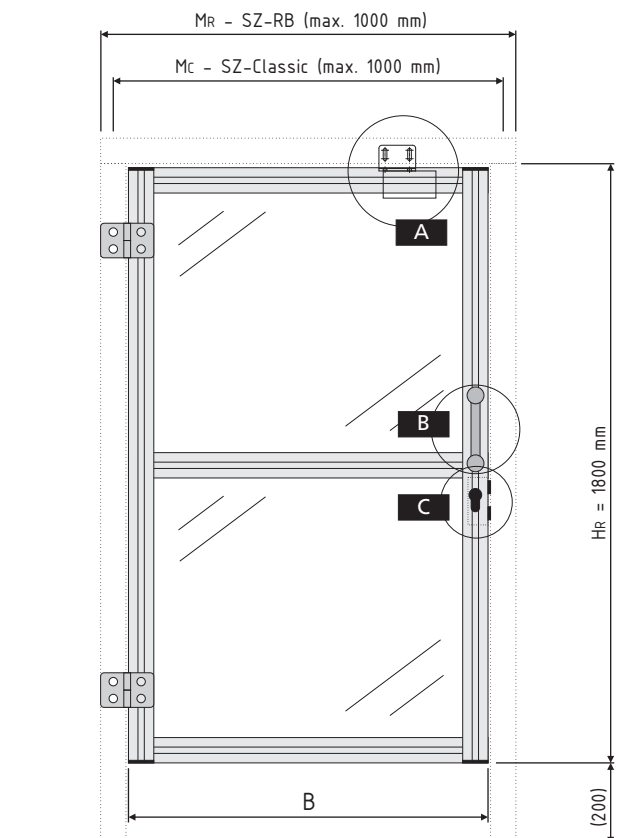
FM-Schwenktüren bestehen aus 40x40 Aluminiumprofilen und sind mit einem stabilen Profilrahmen sowie Alu-Schanieren ausgerüstet. Verschiedene Zusatzelemente und Systembreiten sind wählbar.

Characteristics:

Caracteristiques:

Basis-Türelement

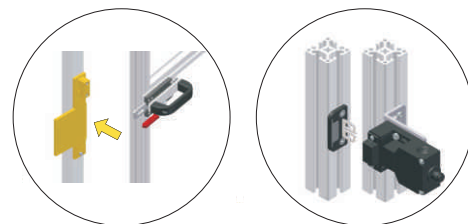
Basis-door element · Base-porte élément



Wählbare Zusatzelemente

Selectable accessories · Option d'élégible

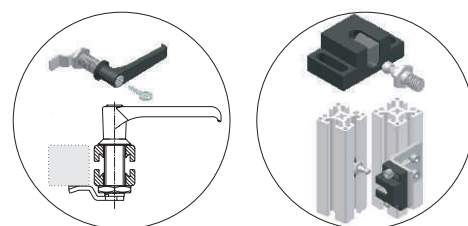
A Sicherungssysteme ➔ ■ 7.10
Security systems
Systèmes de securite



B Griffe
Handles
Poignées ➔ ■ 7.01



C Schließsysteme ➔ ■ 7.06 / 7.12
Locking systems
Systèmes de fermeture



B	x	H	
700		1.800	05.05071.10
800		1.800	05.05072.10
950		1.800	05.05073.10

Schwenktüre

Swing door · Porte battante

Merkmale:

Die Schwenktüren sind zusätzlich mit Anbausätzen versehen, um versch. Variationen in Höhe und Bauweise gerecht zu werden.

Characteristics:

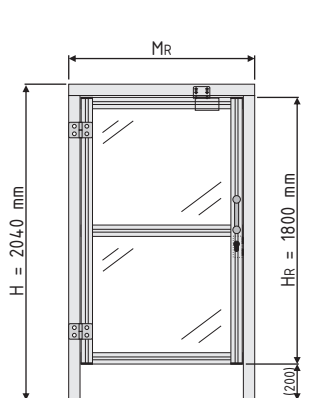
Caracteristiques:

Basis-Türelement mit Anbausatz

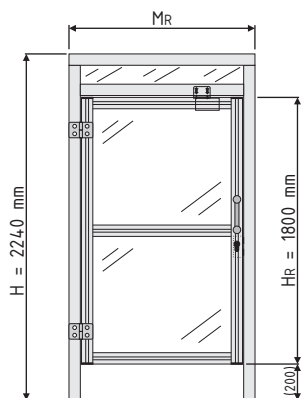
Basis-door element with adapter kit · Base-porte élément avec kit de montage

Rahmenbauweise RB

Framework building method RB · Methode de construction cadre RB



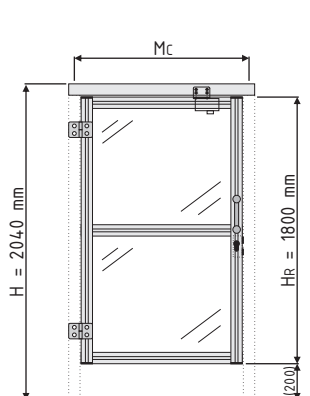
MR=790	05.05071.30
MR=890	05.05072.30
MR=1.040	05.05073.30



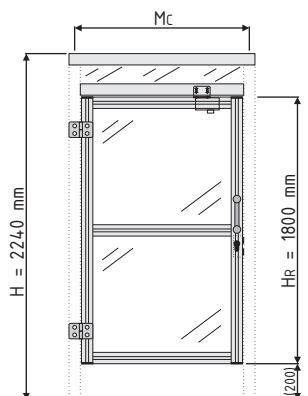
MR=790	05.05071.32
MR=890	05.05072.32
MR=1.040	05.05073.32

Einhängebauweise Classic

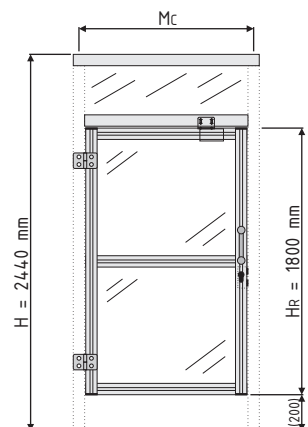
Suspension construction Classic · Construktion d'accrochage Classic



Mc=750	05.05071.20
Mc=850	05.05072.20
Mc=1.000	05.05073.20



Mc=750	05.05071.22
Mc=850	05.05072.22
Mc=1.000	05.05073.22



Mc=750	05.05071.24
Mc=850	05.05072.24
Mc=1.000	05.05073.24



Schiebetüren

Sliding doors · Portes coulissantes

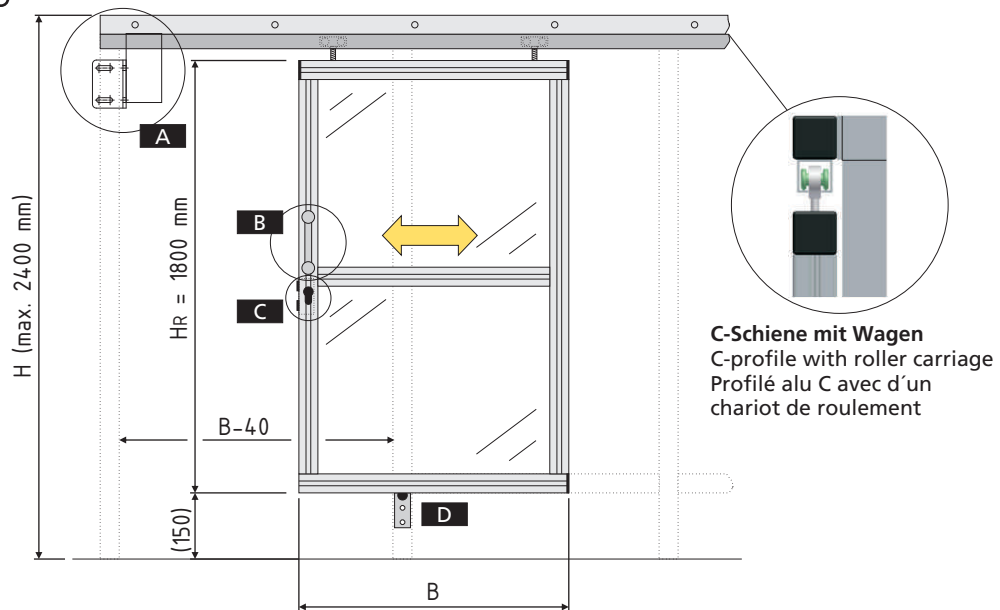
Merkmale:

FM-Schiebetüren mit einem Alu- C- Profil und leichtgängigen Wagen.
Die untere Rolle [D] sichert die Türe gegen Ausschwenken.

Characteristics:

Caracteristiques:

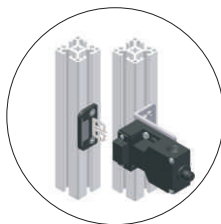
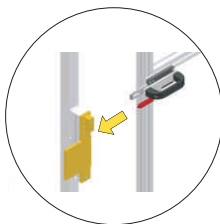
Typ 1



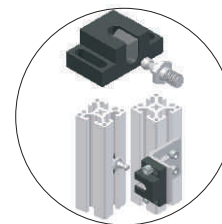
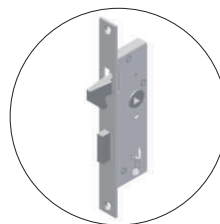
Wählbare Zusatzelemente

Selectable accessories · Option d'éligible

A **Sicherungssysteme** ➔ ■ 7.10
Security systems
Systèmes de securite



C **Schließsysteme** ➔ ■ 7.06 / 7.12
Locking systems
Systèmes de fermeture



B **Griffe** ➔ ■ 7.01
Handles
Poignées



Schiebetüren

Sliding doors · Portes coulissantes

Merkmale:

Die Schiebetüren sind zusätzlich mit Anbausätzen versehen, um versch. Variationen in Höhe und Bauweise gerecht zu werden.

Characteristics:

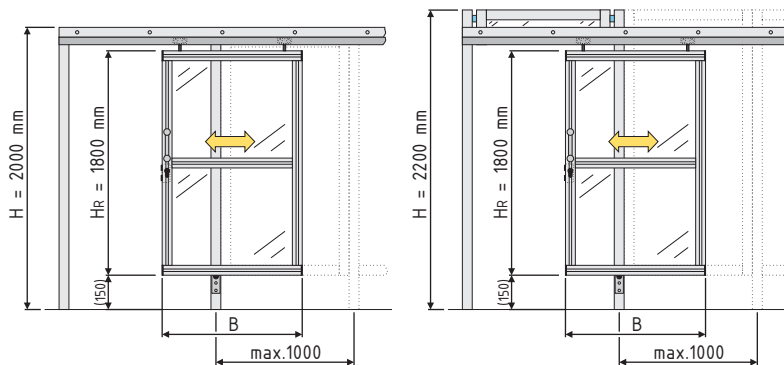
Caracteristiques:

Basis-Türe Typ 1 mit Anbausatz

Sliding doors · Portes coulissantes

Rahmenbauweise RB

Framework building method RB · Methode de construction cadre RB

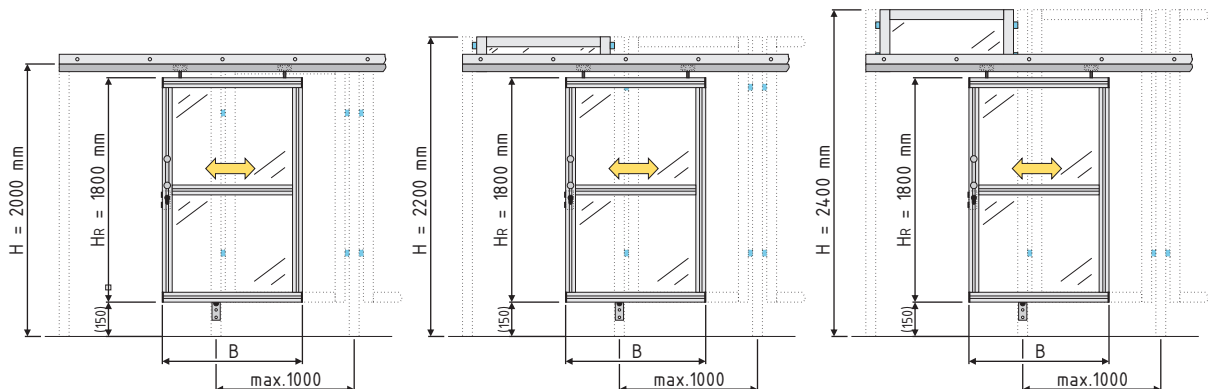


B=1040	05.05081.30
B=1540	05.05082.30
B=2040	05.05083.30

B=1040	05.05081.32
B=1540	05.05082.32
B=2040	05.05083.32

Einhängebauweise Classic

Suspension construction Classic · Construction d'accrochage Classic



B=1040	05.05081.20
B=1540	05.05082.20
B=2040	05.05083.20

B=1040	05.05081.22
B=1540	05.05082.22
B=2040	05.05083.22

B=1040	05.05081.24
B=1540	05.05082.24
B=2040	05.05083.24

Technische Änderungen vorbehalten



Schiebetüren

Sliding doors · Portes coulissantes

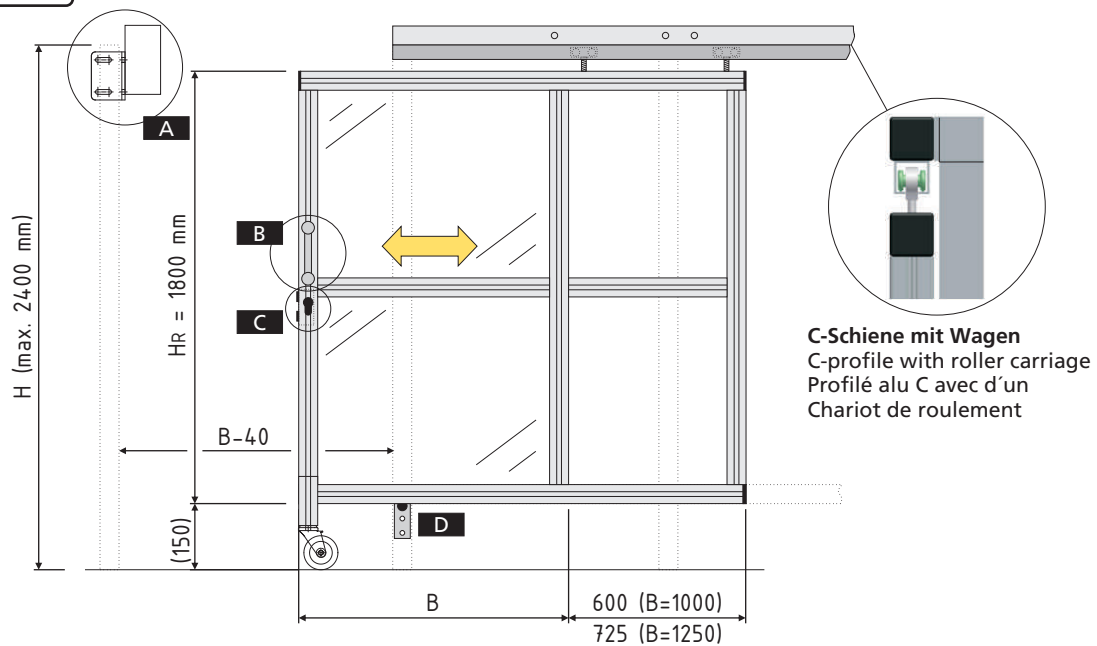
Merkmale:

FM-Schiebetüren mit einem Alu- C- Profil und leichtgängigen Wagen.
Die untere Rolle [D] sichert die Türe gegen Ausschwenken.

Characteristics:

Caracteristiques:

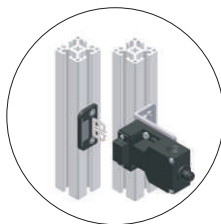
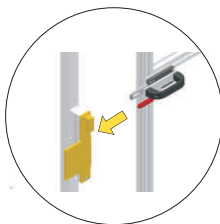
Typ 2



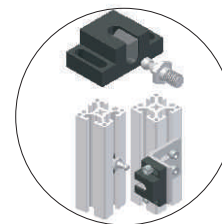
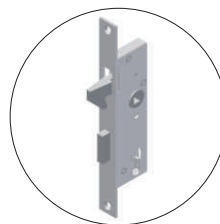
Wählbare Zusatzelemente

Selectable accessories · Option d'éligible

A **Sicherungssysteme** ➔ ■ 7.10
Security systems
Systèmes de securite



C **Schließsysteme** ➔ ■ 7.06 / 7.12
Locking systems
Systèmes de fermeture



B **Griffe** ➔ ■ 7.01
Handles
Poignées



Schiebetüren

Sliding doors · Portes coulissantes

Merkmale:

Die Schiebetüren sind zusätzlich mit Anbausätzen versehen, um versch. Variationen in Höhe und Bauweise gerecht zu werden.

Characteristics:

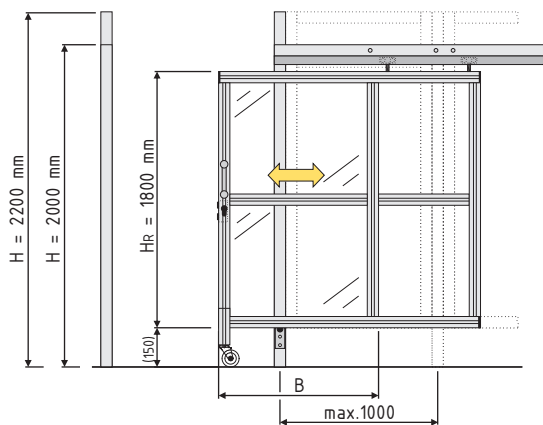
Caracteristiques:

Basis-Türe Typ 2 mit Anbausatz

Sliding doors · Portes coulissantes

Rahmenbauweise RB

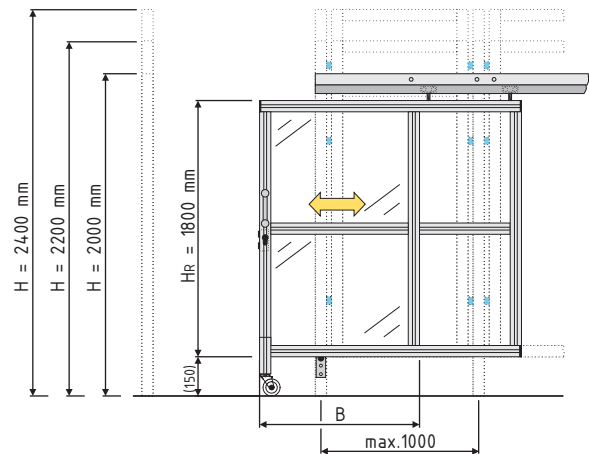
Framework building method RB
Methode de construction cadre RB



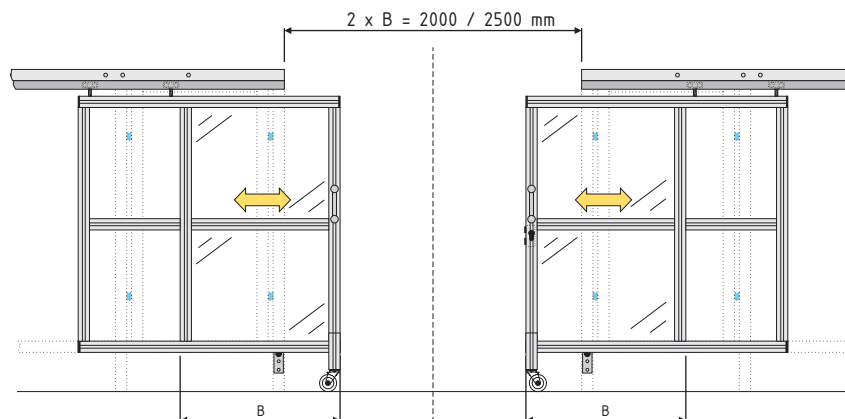
B	x	H	
1000	2000		05.05084.30
1000	2200		05.05084.32
1250	2000		05.05085.30
1250	2200		05.05085.32

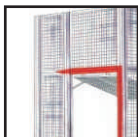
Einhängebauweise Classic

Suspension construction Classic
Construction d'accrochage Classic



B	x	H	
1000	2000		05.05084.20
1000	2200-2400		05.05084.23
1250	2000		05.05085.20
1250	2200-2400		05.05085.23





ALU-PROFILE FÜR SYSTEM-STÜTZEN

PROFILES FOR PILLARS
PROFILES POUR PILIERS



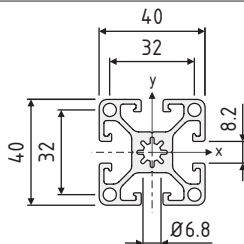
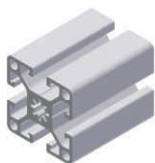
40

8

45

10

40x40 L-1.55

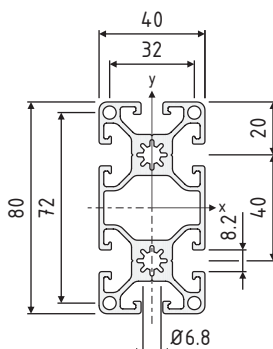
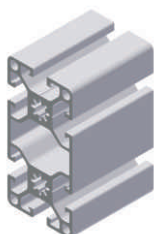


05.01035.00

M = 1,55 kg/m
I_x = 8,69 cm⁴
W_x = 4,34 cm³
I_y = 8,69 cm⁴
W_y = 4,34 cm³

PE (m)
6 / 48 / 96 / 144

40x80 L-2.65

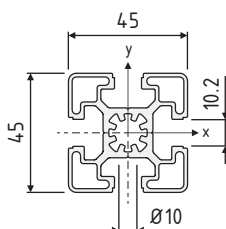
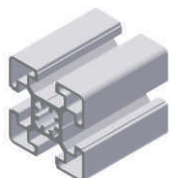


05.01036.00

M = 2,65 kg/m
I_x = 62,74 cm⁴
W_x = 15,68 cm³
I_y = 15,45 cm⁴
W_y = 7,72 cm³

PE (m)
6 / 24 / 48 / 72

45x45 L-1.7

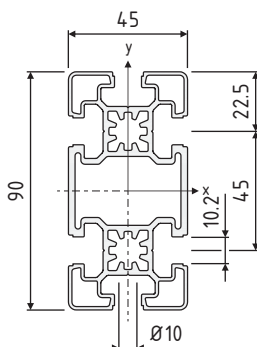
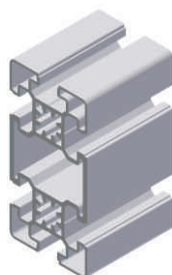


05.01041.00

M = 1,70 kg/m
I_x = 10,54 cm⁴
W_x = 4,69 cm³
I_y = 10,54 cm⁴
W_y = 4,69 cm³

PE (m)
6 / 48 / 96 / 144

45x90 L-2.9



05.01518.00

M = 2,90 kg/m
I_x = 73,10 cm⁴
W_x = 16,25 cm³
I_y = 21,03 cm⁴
W_y = 9,35 cm³

PE (m)
6 / 24 / 48 / 72

SCHUTZZAUNPROFILE

PROTECTIVE FENCE PROFILES

PROFILES DE PROTECTION DE ZONE



Innovative Vorteile:

- Einfache Montage ohne Profilbearbeitung
- Stabile Aufnahme der Wellgitter 40 x 40 x 4 ohne zusätzliche Klemmelemente
- Steigerung der Stabilität durch FM-Schutzaunwinkel mit Zentrierfahnen

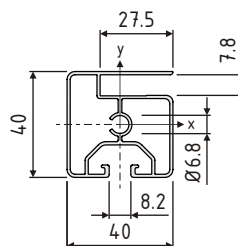
Innovative advantages:

- Easy assembly without profile Processing
- Sturdy fastening of corrugated grating 40 x 40 x 4 without additional clamping elements
- Additional stability through our protective fence angle brackets with centring lugs

Atouts novateurs:

- Montage aisé sans usinages
- Maintien du grillage ondulé 40x40x4 optimisé par la profondeur de la rainure
- Stabilité encore accrue par plaques de renfort FM

40x40 - ECO

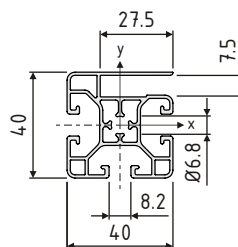
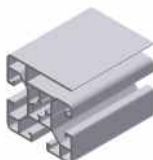


05.02022.00

M = 0,80 kg/m
 $I_x = 5,55 \text{ cm}^4$
 $W_x = 2,78 \text{ cm}^3$
 $I_y = 4,97 \text{ cm}^4$
 $W_y = 2,49 \text{ cm}^3$

PE (m)
 6 / 48 / 96 / 144

40x40

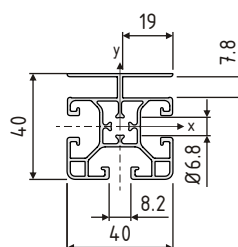
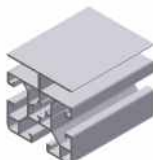


05.02024.00

M = 1,01 kg/m
 $I_x = 6,17 \text{ cm}^4$
 $W_x = 3,09 \text{ cm}^3$
 $I_y = 5,88 \text{ cm}^4$
 $W_y = 2,94 \text{ cm}^3$

PE (m)
 6 / 48 / 96 / 144

40x40 - 180°



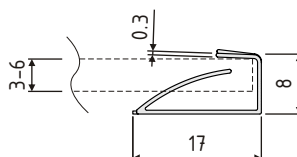
05.02023.00

M = 0,99 kg/m
 $I_x = 6,04 \text{ cm}^4$
 $W_x = 3,02 \text{ cm}^3$
 $I_y = 5,41 \text{ cm}^4$
 $W_y = 2,70 \text{ cm}^3$

PE (m)
 6 / 48 / 96 / 144

Federklemmelement

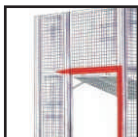
Spring clamping element · Agrafe à ressort



05.02031.00

Federstahl
 Spring steel
 Acier ressort

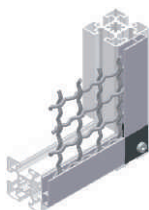
Technische Änderungen vorbehalten



ZUBEHÖR ACCESSORIES ACCESSOIRES



■ 7.01



■ 7.02



■ 7.03



■ 7.04



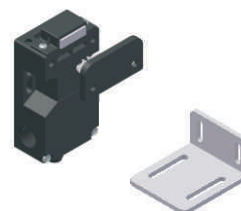
■ 7.05



■ 7.06



■ 7.08



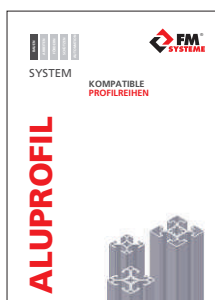
■ 7.10



■ 7.11



■ 7.12



Für mehr Informationen und Preise bitte separaten Katalog anfordern

Aluprofil

Please request separate catalogue for more information and prices

Profiles

Pour plus d'informations et prix, demandez notre catalogue détaillé

Profiles

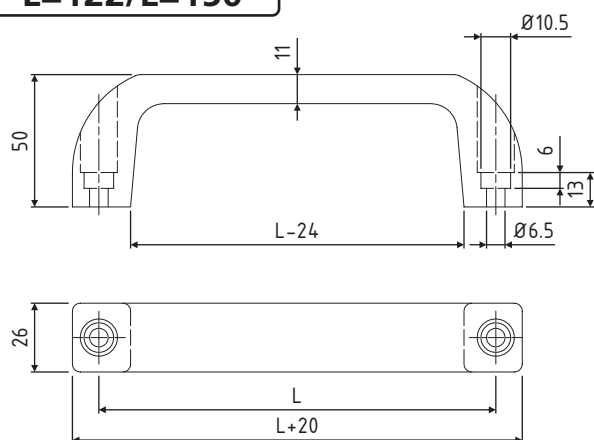
BÜGELGRIFFE

BOW HANDLES

POIGNEES ETRIER

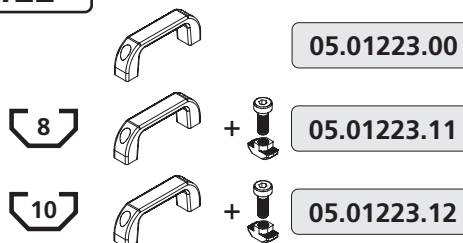


L=122/L=150

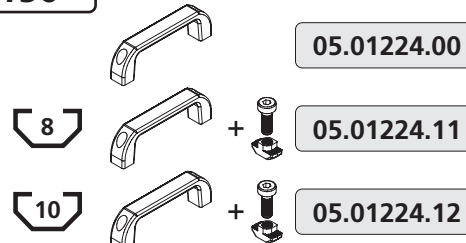


PA 6
schwarz
black
noire

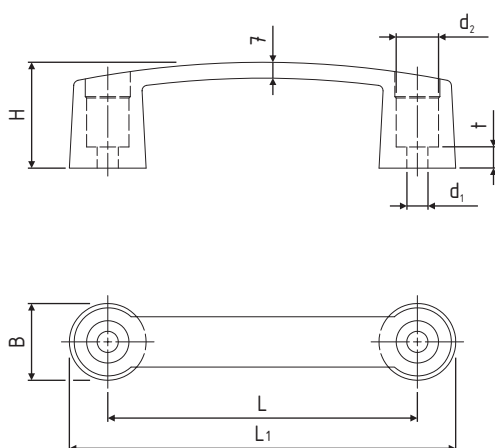
L=122



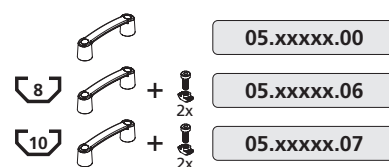
L=150



Typ B



PA 6
schwarz
black
noire



L ₁	L	B	H	d ₁	d ₂	t	
120	94	26	35	Ø6.5	Ø12.5	4	05.01671.xx
145	117	29	40	Ø8.5	Ø16.5	8	05.01672.xx
163	132	31	45	Ø8.5	Ø16.5	9	05.01673.xx
213	180	35	50	Ø8.5	Ø16.5	12	05.01674.xx

Technische Änderungen vorbehalten



GITTEREINFASSPROFIL

MESH CLAMPING PROFILE

PROFIL D'ENCADREMENT



Innovative Vorteile:

- Aufnahme von Wellgitter 30x30x3 und 40x40x4
- Besonders stabil durch tiefen Einschub
- Einfache und schnelle Montage

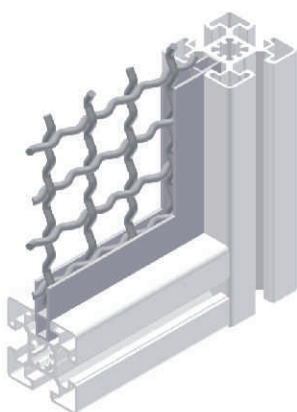
Innovative advantages:

- Fastener for woven mesh 30x30x3 and 40x40x4
- Deep cavity for greater sturdiness
- Easy and fast assembly

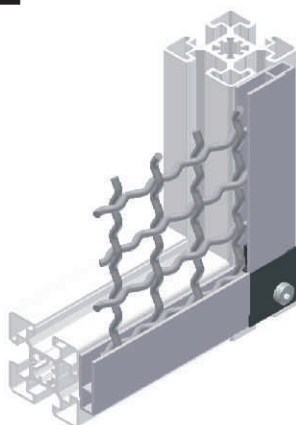
Atouts novateurs:

- Fixation de grillage ondulé 30x30x3 et 40x40x4
- Particulièrement robuste par introduction profonde
- Particulièrement robuste par introduction profonde

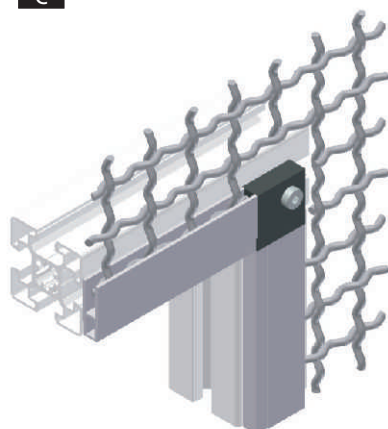
A



B



C

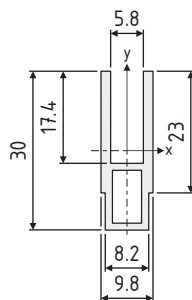
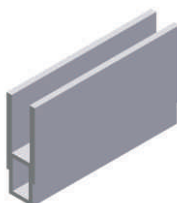


30x10

8E

8K

8

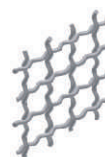


05.01117.00

M = 0,32 kg/m

PE (m)

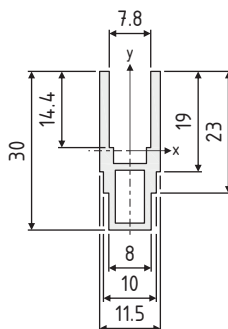
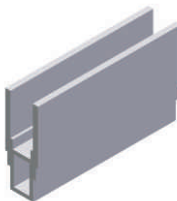
6 / 30 / 60



➔ 30x30x3

30x12

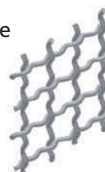
10



05.01118.00

M = 0,35 kg/m

Auf Anfrage
On Request
Sur demande

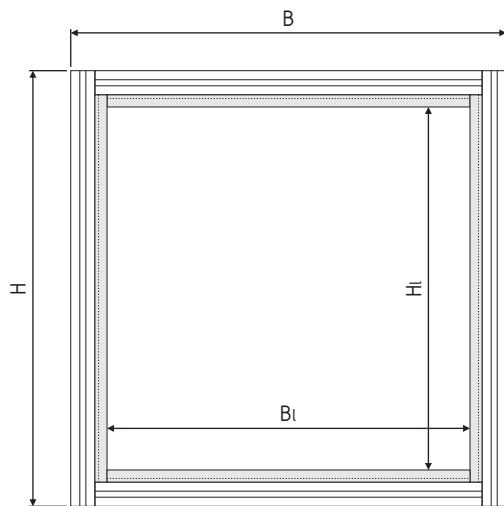


➔ 40x40x4

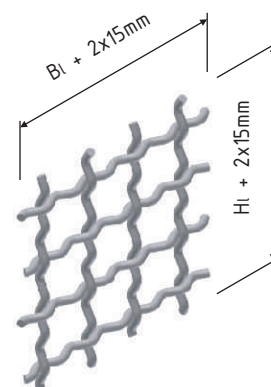
GITTEREINFASSPROFIL

MESH CLAMPING PROFILE

PROFIL D'ENCADREMENT



	$B_l = B - 2 \times 63 \text{ mm}$	$H_l = H - 2 \times 63 \text{ mm}$
	$B_l = B - 2 \times 62 \text{ mm}$	$H_l = H - 2 \times 62 \text{ mm}$

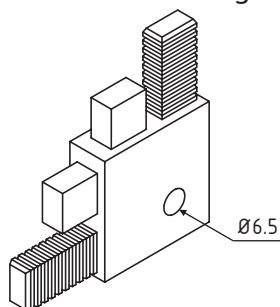


7

Eckelemente

Corner elements · Élément d'angle

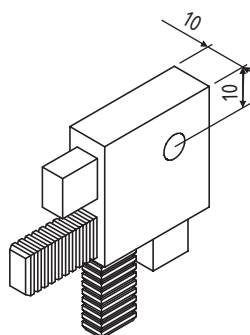
→ **B**



05.01146.00

NBR, schwarz
60 Shore
NBR, black
60 Shore hardness
NBR, noir
60 Shore

→ **C**



05.01147.00

NBR, schwarz
60 Shore
NBR, black
60 Shore hardness
NBR, noir
60 Shore

Technische Änderungen vorbehalten



ABDECKPROFILE

COVER PROFILES

PROFILES DE PROTECTION



Innovative Vorteile

- Schließen der Profilfläche
- Verdeckte Kabel- bzw. Pneumatikschlauch-Durchführung
- Weitere Farben auf Anfrage

Innovative advantages

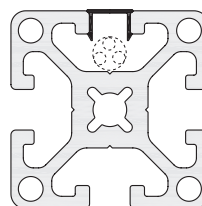
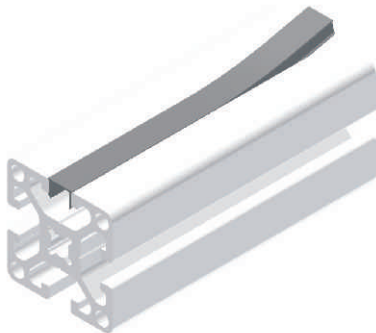
- Sealing profile surface
- Covered cable or pneumatic Hose channel
- Other colours on request

Atouts novateurs

- Obturer la rainure
- Recouvrir les passages de câbles ou flexibles pneumatiques
- Autres coloris sur demande

Anwendungsbeispiele

Sample applications • Exemples d'application



Kunststoff - Plastic - PVC

						RAL	
8E		PP	schwarz	black	noir	9011	05.02232.00
8K			lichtgrau	lightgrey	gris clair	7035	05.02233.00
			gelb	yellow	jaune	1018	05.02234.00
8		PP	schwarz	black	noir	9011	05.02235.00
			lichtgrau	lightgrey	gris clair	7035	05.02236.00
10		PVC	schwarz	black	noir	9011	05.01198.00
			lichtgrau	lightgrey	gris clair	7035	05.01698.00
			wasserblau	sea blue	bleu turquoise	5021	05.01197.10
			verkehrsblau	traffic blue	bleu	5017	05.01197.20

Aluminium eloxiert

8E		
8K		05.01964.00
8		
10		
		05.01965.00

Technische Änderungen vorbehalten

Innovative Vorteile

- Schließen der Profilfläche
- Sicherer Halt für Flächenelemente

Innovative advantages

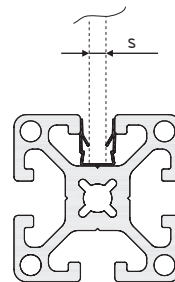
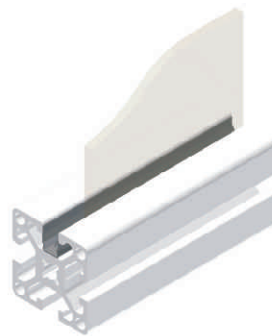
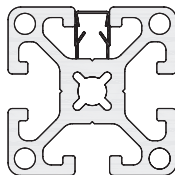
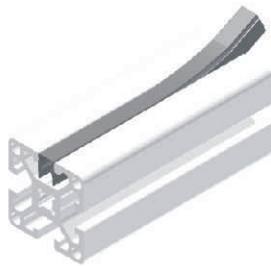
- Sealing the profile surfaces
- Secure hold for surface elements

Atouts novateurs

- Obturer la rainure
- Maintien sûr des éléments de Remplissage

Anwendungsbeispiele

Sample applications • Exemples d'application



						RAL	
5		PP	schwarz	black	noir	9011	05.01847.00
			natur	natural	transparent		05.01848.00
8E		PP	schwarz	black	noir	9011	05.01836.00
8K			natur	natural	transparent		05.01832.00
			schwarz	black	noir	9011	05.01859.00
		PP+TPE					
8		PP	schwarz	black	noir	9011	05.01837.00
			natur	natural	transparent		05.01833.00
			gelb	yellow	jaune	1023	05.01831.00
		PP	natur	natural	transparent		05.01865.00
10		PP+TPE	schwarz	black	noir	9011	05.01830.00
		PE	schwarz	black	noir	9011	05.01187.00

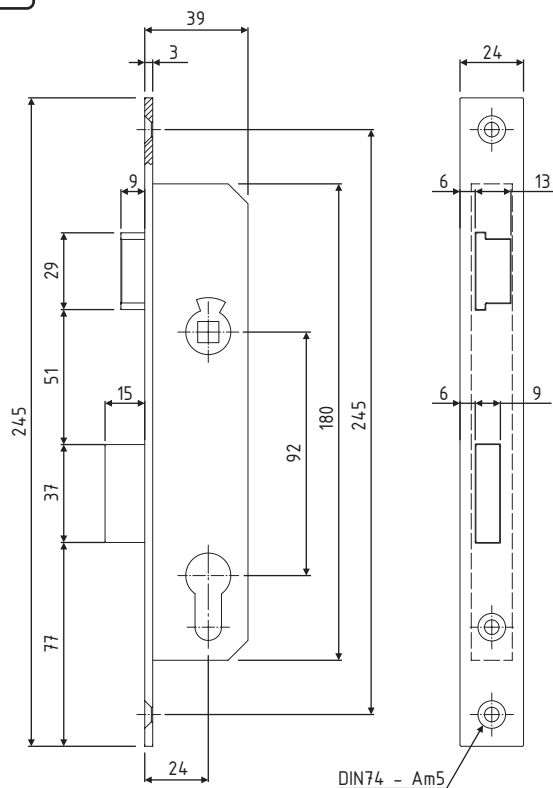


TÜRSCHLOSS DOOR LOCK SERRURE

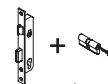


Einsteckschloss

Insert lock ·
Serrure enfichable
de porte battante

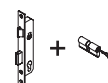


Ausführung rechts
Design right
Version droite



05.02320.00

Ausführung links
Design left
Version gauche



05.02320.50

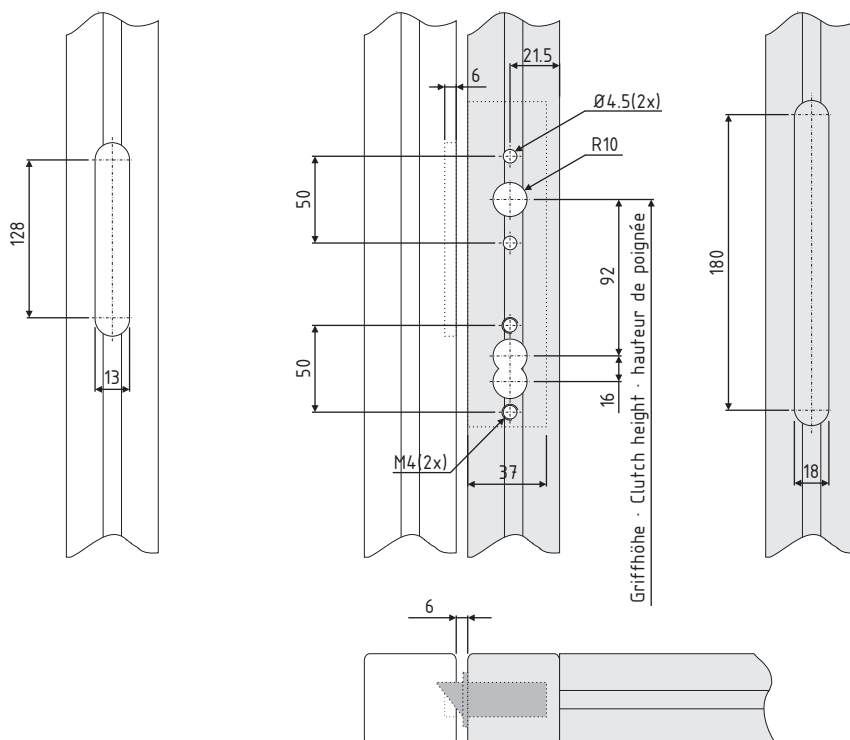
Einsteckschloss, Stahl vz. mit
Schließzylinder für Schwenk-
türen mit Profilrahmen aus
Profil 40x40 und 40x80

Insert lock, steel galvanised
with locking cylinder for
swing doors with profile
frame made of 40x40 or
40x80 profiles

Serrure enfichable, acier
zingué avec cylindre pour
portes battantes avec cadre
en profilé 40x40 ou 40x80

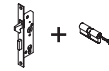
Profilbearbeitung

Profile finishing · Usinage de profiles

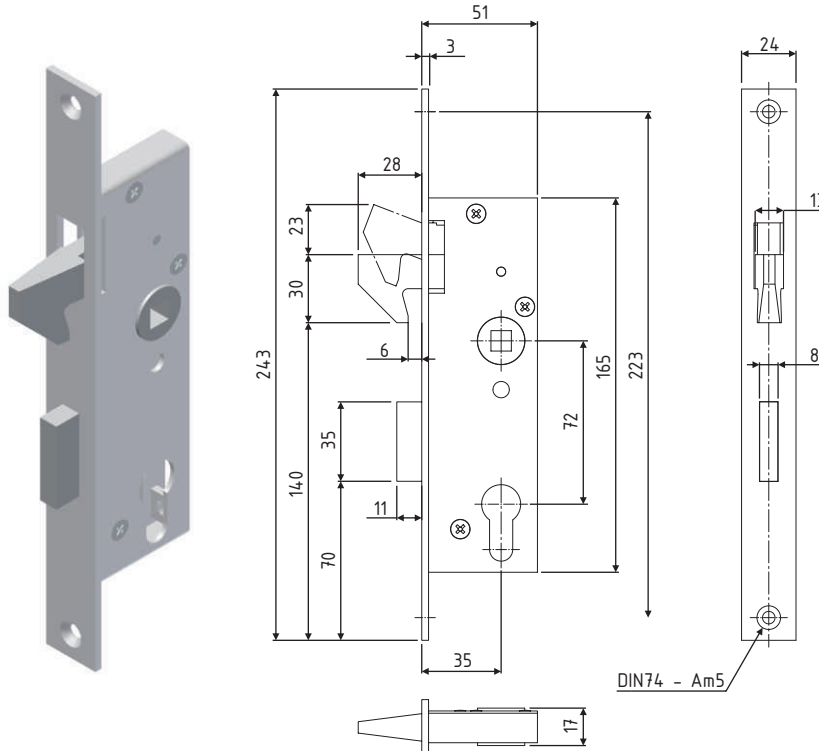


Einsteckschiebetürschloss

Insert door lock · Serrure enfichable de porte coulissante



05.02321.00



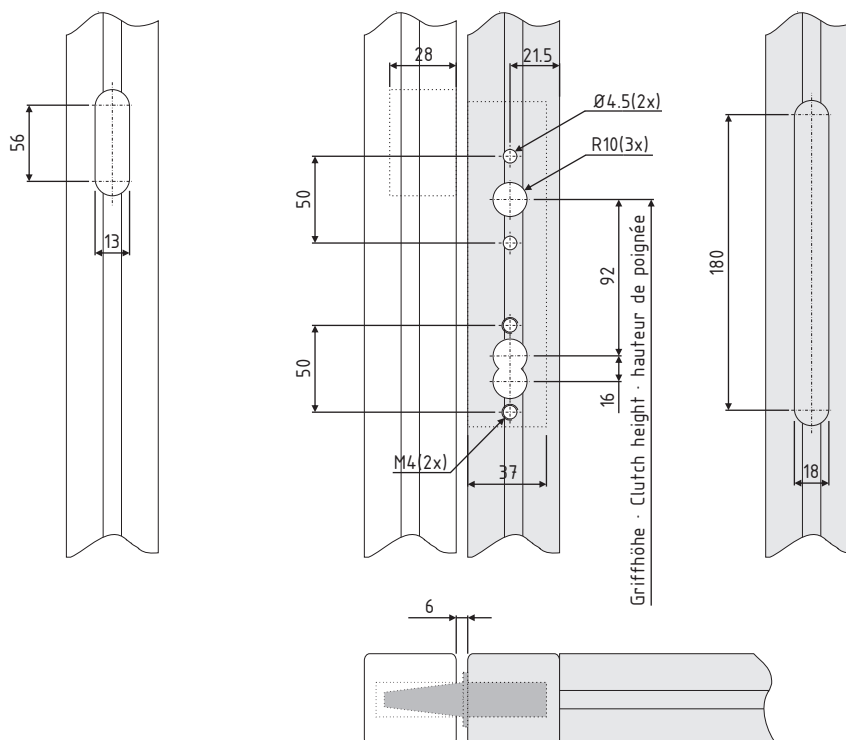
Einsteckschiebeschloss,
Stahl vz., mit Schließzylinder,
Riegel als Aushebesicherung.
Für Schiebetüren mit Profil-
rahmen aus Profil 40x80.

Insert door lock, steel
galvanised with locking
cylinder, bar to prevent
levering out. For sliding doors
with profile frame made of
40x80 profiles.

Serrure enfichable de porte
coulissante, acier zingué avec
cylindre, verrou comme
sécurité anti-dégondage. Pour
portes coulissantes avec cadre
en profilé 40x80.

Profilbearbeitung

Profile finishing · Usinage de profiles



Technische Änderungen vorbehalten



TÜRSCHLOSS ZUBEHÖR

DOOR LOCK ACCESSORIES

SERRURE ACCESSOIRE



Innovative Vorteile:

- Individuelle Auswahl und Kombinationen
- Einheitliches System
- Komplette Serie aus Aluminium, eloxiert
- Elemente sind geeignet für Schiebetüren

Innovative advantages:

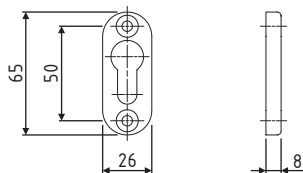
- Individual choice and combinations
- Standard system
- Complete series made of aluminium, anodised
- Elements suitable for swing and Sliding doors

Atouts novateurs:

- Choix individuel et combinaison
- Système unitaire
- Série complète en aluminium anodisé
- Les éléments sont adaptés pour les portes battantes

Schlüsselschild

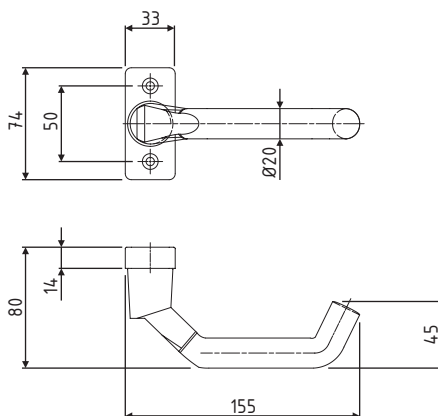
Escutcheon · Ecusson



05.02322.00

Türdrücker

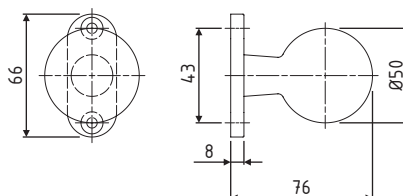
Door handle · Poignée de porte



05.02323.00

Türknoopf Ø50, drehbar

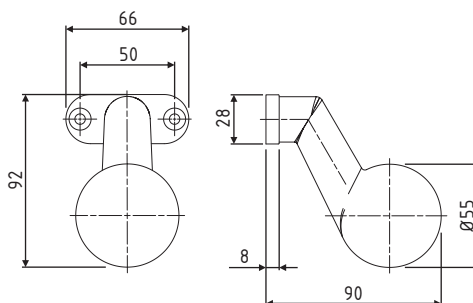
Door knob Ø50, turnable · Bouton de porte Ø50, tournant



05.02324.00

Türknoopf Ø55, starr

Door knob Ø55, rigid · Bouton de porte Ø55, fixe



05.02325.00

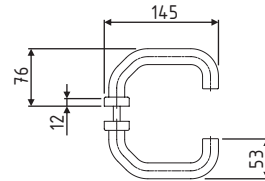
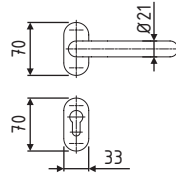
TÜRSCHLOSS KOMPLETTE GARNITUR

DOOR LOCK FITTINGS COMPLETE

SERRURE KIT COMPLET

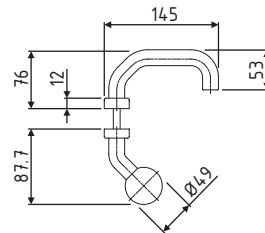
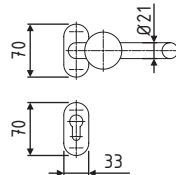


Typ 1



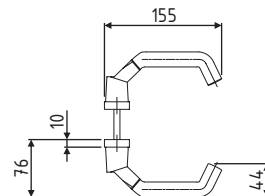
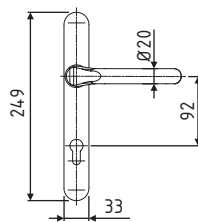
05.02326.00

Typ 2



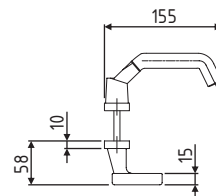
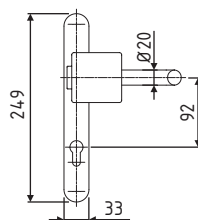
05.02327.00

Typ 3



05.02328.00

Typ 4



05.02329.00

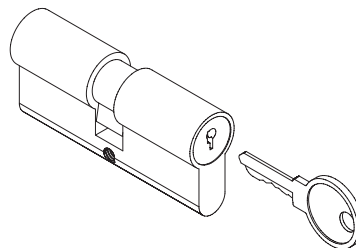
Schließzylinder

Locking cylinder · Cylindre enfichable

Schließzylinder für Schwenktüren mit Profilrahmen aus Profil 40x40 und 40x80

Locking cylinder for swing doors with profile frame made of 40x40 or 40x80 profiles

Serrure enfichable avec cylindre pour portes battantes avec cadre en profilé 40x40 ou 40x80



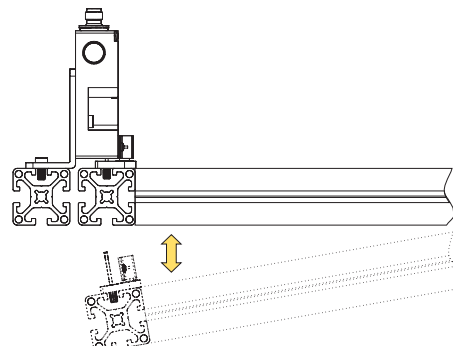
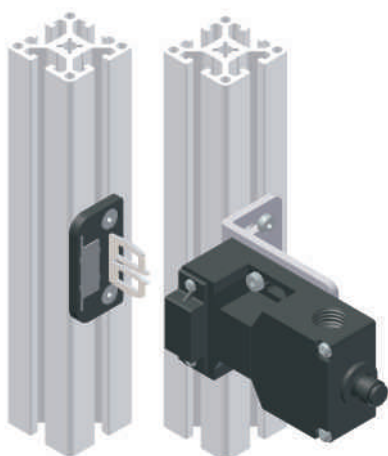
05.02330.00

7

Technische Änderungen vorbehalten



SICHERHEITSSCHALTER SAFETY SWITCH CONTACTEUR DE SECURITE



Innovative Vorteile

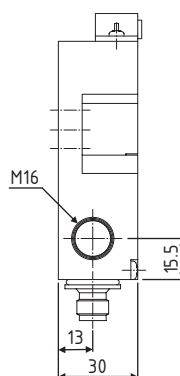
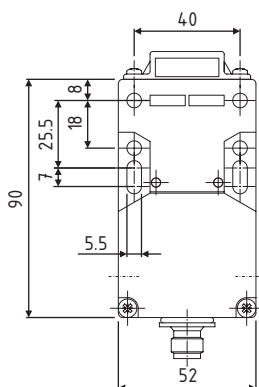
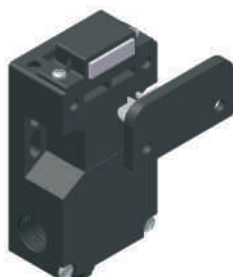
- Zum sicheren Verschließen von Schutzgittern, Hauben und Türen um die erforderliche Betriebssicherheit zu gewährleisten
- Durch Langloch universelle Anordnung möglich
- Einsatz in der Profilreihe 40, 45 und 50 möglich

Innovative advantages:

- For secure fastening of safety screens, hoods and doors in order to ensure the required operating safety
- Oblong hole for universal application
- Can be used in profile series 40, 45 and 50

Atouts novateurs:

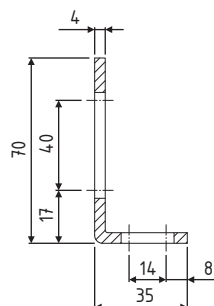
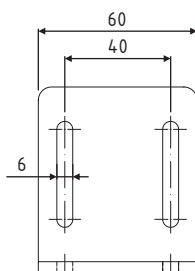
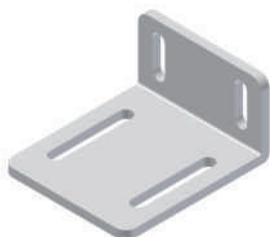
- pour la fermeture sécurisée de portes et de carters de protection
- Par un long trou l'ordre universel Possible
- Application possible pour les séries de profilés 40, 45 et 50.



05.02050.00

Winkel

Brackets · Équerres



05.02051.00



05.02052.00



05.02053.00

SCHUTZZAUNSYSTEM RIEGEL

PROTECTIVE FENCE SYSTEM INTERLOCK

FERMETURE DE PROTECTION DE ZONE PAR VERROU



Merkmale:

- Geeignet für Euchner Sicherheits-schalter der Serie TZ und NZ
- Für rechts und links anschlagende Türen und Fenster
- Anbau an Nut 8 und Nut 10
- Für Schwenk- und Schiebetüren geeignet

Characteristics:

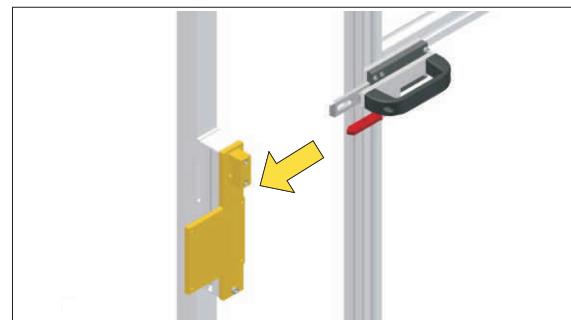
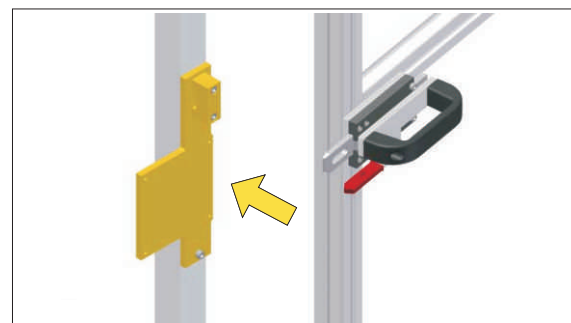
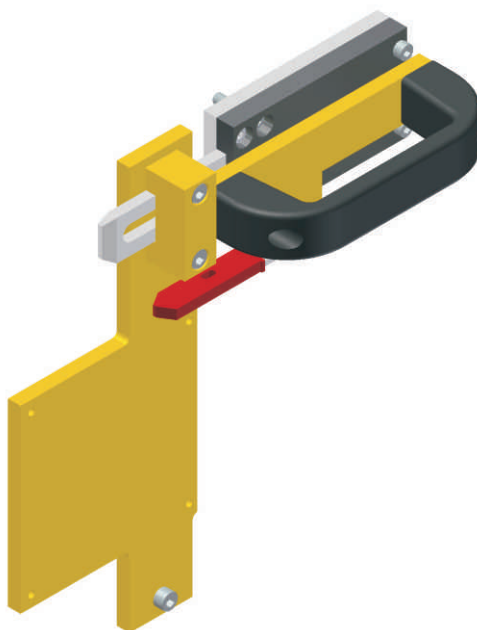
- Suitable for Euchner safety switches of the TZ and NZ series
- For right and left closing doors
- Mounting on groove 8 and groove 10
- Suitable for swivel and sliding doors

Caractéristiques:

- Compatible avec contacteurs de sécurité Euchner TZ, NZ et similaires
- Pour portes battantes et coulissantes gauche et droite
- Pour rainures 8 et 10
- Pour la porte battante et coulissante Convenable

Anwendung

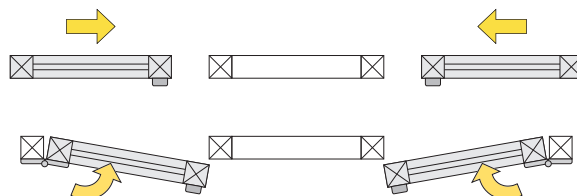
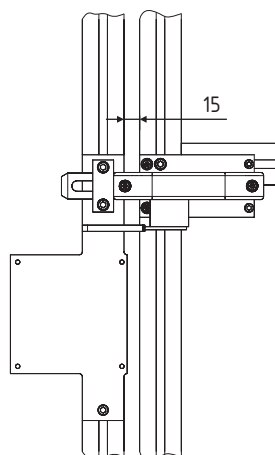
Application · Application



7

Ausführung

Design · Schémas



Anschlag links
Closing left
Version gauche

05.02039.10

Anschlag rechts
Closing right
Version droite

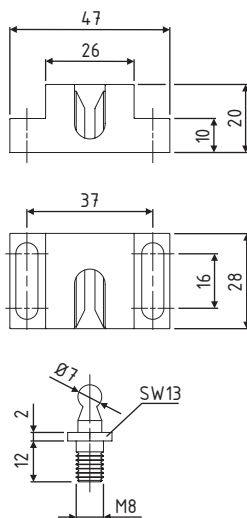
05.02039.00

Technische Änderungen vorbehalten



8

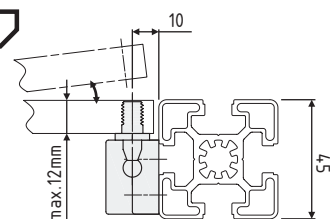
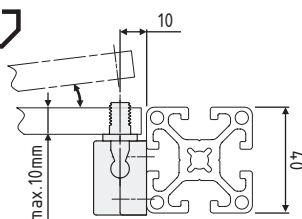
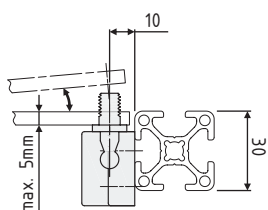
10



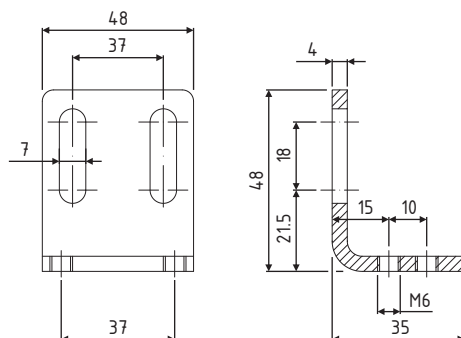
PA schwarz, glasfaserverstärkt
Verschluss von Schiebe- und
Schwenktüren

PA, black, fibreglass
reinforced
Closure of sliding and swing
doors

PA, noir, renforcé fibres de verre
Fermeture de portes
coulissantes et battantes



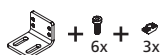
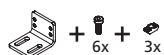
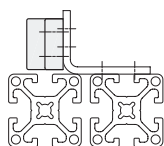
Bracket · Equerre



St, verzinkt
Der Befestigungswinkel ist in
den Profilreihen 40,45 und
50 universell einsetzbar

Steel, galvanised
The fastening bracket can be
used universally in the profile
series 40, 45 and 50

Acier, zingué
L'équerre de fixation s'utilise
de manière universelle pour
les séries de profilés 40, 45 et
50



Technical drawing of a mechanical part. It features a rectangular block with a vertical slot and a horizontal flange. The drawing includes dimension lines and a cross-section symbol.

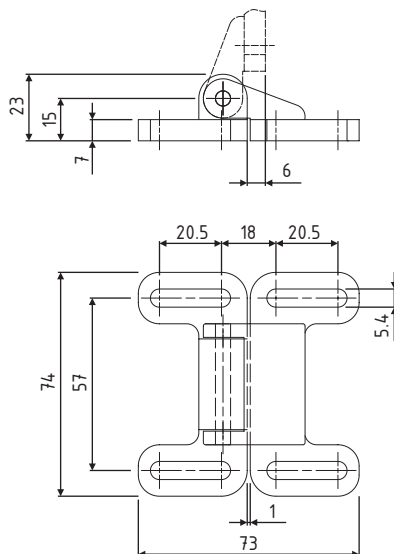


05.02317.13

DOPPELKUGELSCHNÄPPER PA

TWIN BALL CLIP PA

LOQUETEAU A BILLE PA



05.02318.00

PA, glasfaserverstärkt

Universeller Schnellverschluss für Klappen, Schiebe- und Schwenktüren mit und ohne Rahmen.

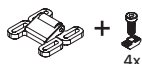
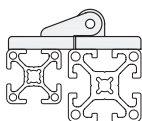
PA, black, fibreglass reinforced
Universal quick closure for flap, sliding and swing doors with and without frame

PA, renforcé fibres de verre
Blocage et butée pour porte coulissante ou battante avec ou sans encadrement

Befestigung

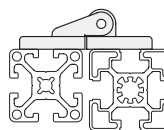
Fastening · Fixation

30 / 40



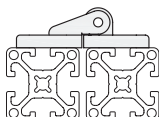
05.02318.11

40 / 45



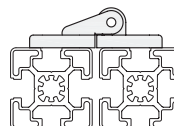
05.02318.13

40 / 40



05.02318.12

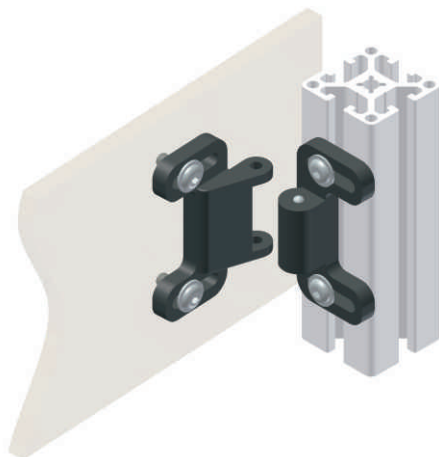
45 / 45



05.02318.14

Anwendung

Application · Application



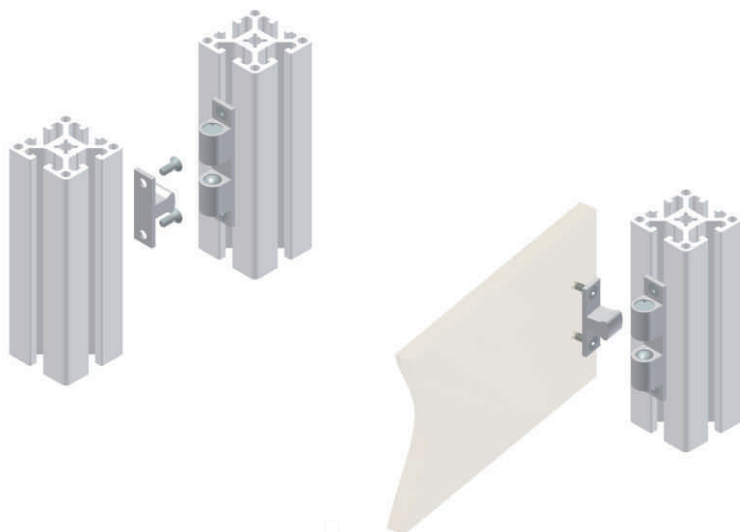
Technische Änderungen vorbehalten



DOPPELKUGELSCHNÄPPER MS

DOUBLE BALL CLIP MS

FERMETURE A BILLES MS



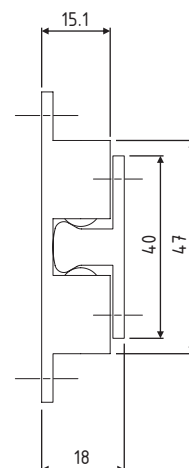
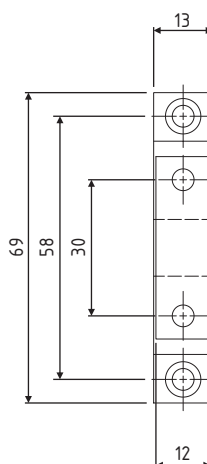
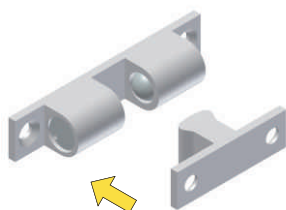
05.02319.00

Messing, verchromt
Einrastdruck einstellbar, zwei
Anwendungsmöglichkeiten
0° / 90°

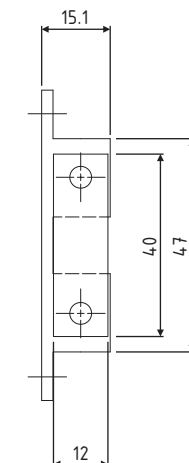
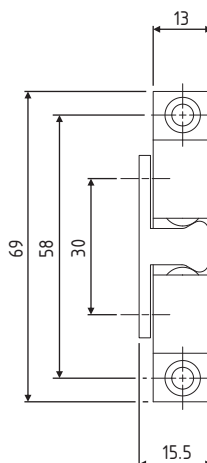
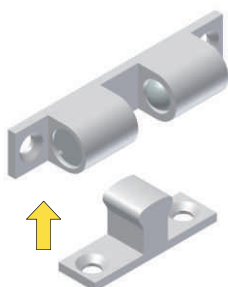
Brass, chrome-plated
Adjustable clipping pressure,
two application possibilities
0° / 90°

Laiton chromé
Pression d'encliquetement
réglable, deux possibilités
d'application
0° / 90°

0°



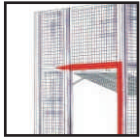
90°



Anwendungsbeispiele

Sample applications · Exemples d'application





NOTIZEN

NOTES

NOTATIONS





ENQUETE / BON DE COMMANDE PAR FAX

[illegible]

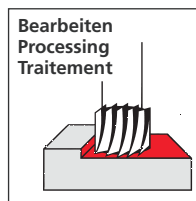
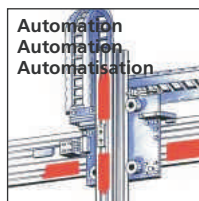
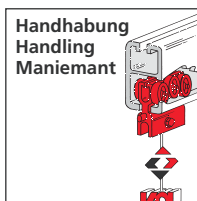
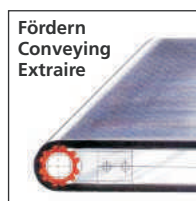
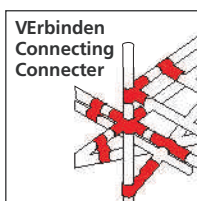


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CONTACT
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BRIEFING
BRIEFING
BRIEFING



INFORMATION
INFORMATION
INFORMATION



PLANUNG
PLANNING
PLANIFICATION



KALKULATION
CALCULATION
CALCUL



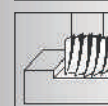
ENTWICKLUNG
DEVELOPMENT
DÉVELOPPEMENT



KONSTRUKTION
CONSTRUCTION
CONSTRUCTION



PRODUKTION
PRODUCTION
PRODUCTION



BEARBEITUNG
PROCESSING
ELABORATION



MONTAGE
ASSEMBLY
ASSEMBLAGE



LIEFERUNG
DELIVERY
LIVRAISON



**INBETRIEB-
NAHME**
IMPLEMANTING
MIS EN SERVICE



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