

Flächenbündige Türen und Fenster, ohne Wärmedämmung

Portes et fenêtres affleurées, sans isolation thermique

Flush-fitting doors and windows without thermal break

In Stahl und Edelstahl

En acier et acier inox

In steel and stainless steel





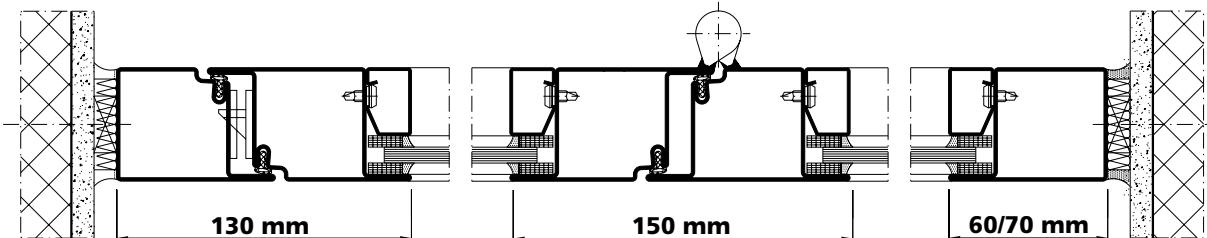
Telekom, DE-Berlin

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Das System auf einen Blick

Schlanke Ansicht



Le système en un coup d'œil

Largeur de façade étroite

The system at a glance

Narrow section views

Geprüft

- Einbruchhemmung WK3
- Rauchschutz*
CH: E30 / E60
DE: RS-1 / RS-2 / G30 / G60
AT: E30
NL: EW60 / EW120

*Zulassungen der verschiedenen Länder siehe www.forster-profile.ch.

Testé

- Protection anti-effraction CR3
- Protection pare-flamme*
CH: E30 / E60
FR: E30 / E60 / E90 / E120

* Homologations des différents pays voir www.forster-profile.ch.

Tested

- Burglar resistance RC3
- Fire resistance*
EU: E30 / EW30 / EW60 / E120
UK: 30 / 60 / 120 / 180 INTEGRITY

* Certificates of the different countries see www.forster-profile.ch. Always check with your countries representative for fire certification compliance.

CE-Kennzeichnung nach EN 14351-1

Detaillierte Informationen zur CE-konformen Anwendung siehe www.forster-profile.ch.

Marquage CE selon EN 14351-1

Informations détaillées des réalisations conformes CE voir www.forster-profile.ch.

CE-Marking according to EN 14351-1

Further information regarding CE conformed applications see www.forster-profile.ch.

Gleiche Ansichten

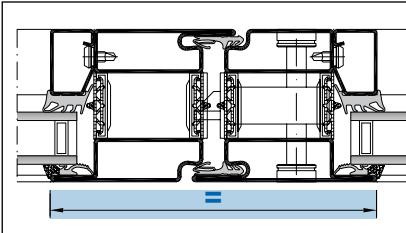
- Wärmegedämmte Türen forster unico
- Brandschutztüren forster fuego light
- Rauchschutztüren forster presto

Façades vue identiques

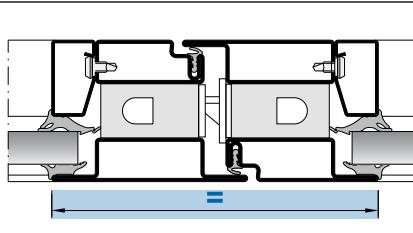
- Portes à isolation thermique forster unico
- Portes coupe-feux forster fuego light
- Portes pare-flamme forster presto

Same construction widths

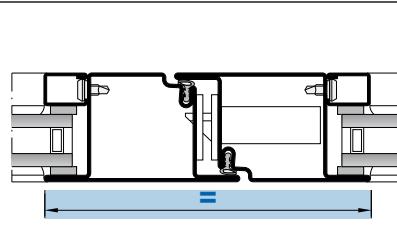
- Thermally insulated doors forster unico
- Fire resistant doors forster fuego light
- Smoke-proofed doors forster presto



forsterunico®



forsterfuego.light



forsterpresto

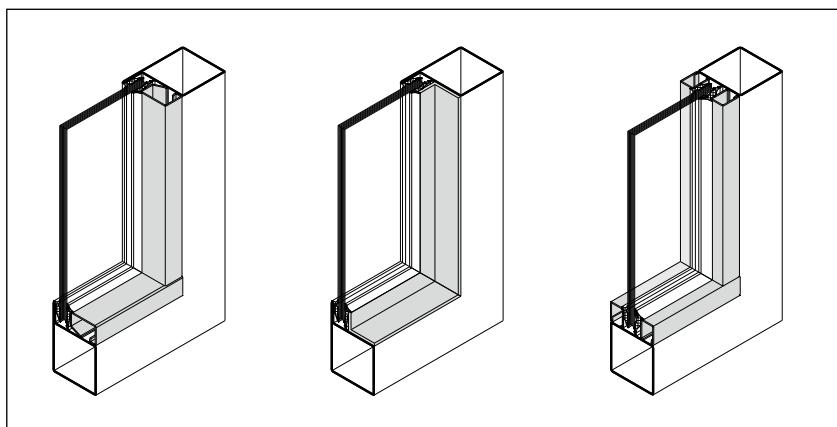
**Das System
auf einen Blick**



**Le système
en un coup d'œil**



**The system
at a glance**



Verdeckt liegende Bänder

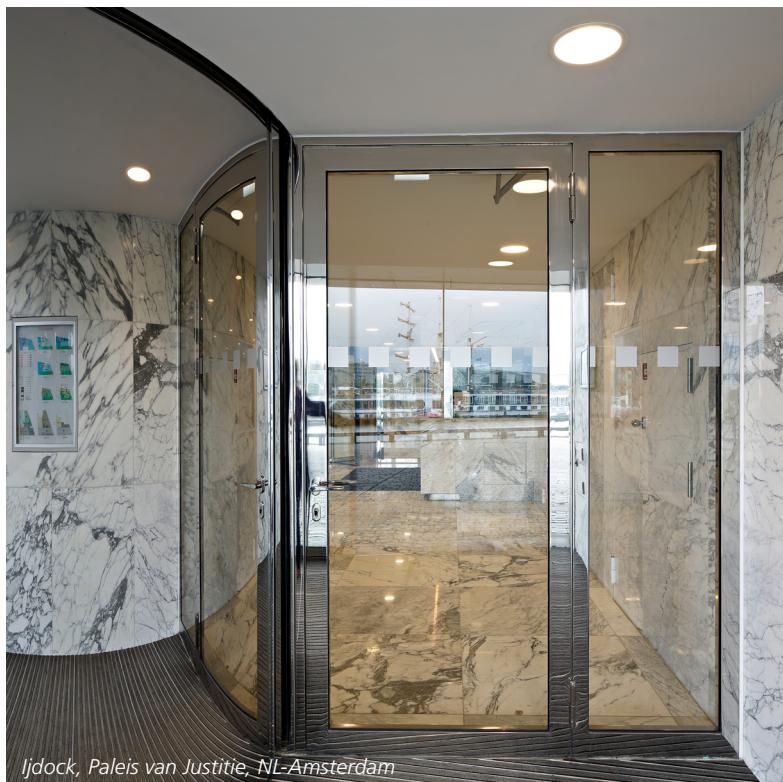
Paumelles cachées
disponibles

Concealed hinges
available



Referenzobjekte**Réalisations****Project references**

Prime Tower, CH-Zürich



Ijdock, Paleis van Justitie, NL-Amsterdam



Palacio de las Artes Reina Sofia (Opera), ES-Valencia

Referenzobjekte**Réalisations****Project references**

Das System mit vielen Variationsmöglichkeiten

forster presto ist das komplette Profilsystem mit Beschlägen und Zubehör für flächenbündige ein- und zweiflügelige Innentüren, Glaswände, Windfangsanlagen und Fenster ohne Wärmeschutzanforderung.

Entscheidende Vorteile

Akzente durch Material-Varianten

- Stahl blank, ZM (Zink Magnesium)
- Edelstahl 1.4301, geschliffen, Korn 220-240 mit Schutzfolie
- Edelstahl 1.4401, geschliffen, Korn 220-240 mit Schutzfolie, Teilsortiment auf Anfrage

Hohe Ästhetik

- Dank schmalster Ansichtsbreiten (Blendrahmen-/Flügelmass nur 130 mm) und individueller Oberflächengestaltung.

Performance

- Die Elemente stehen für Eleganz und Sicherheit und erfüllen höchste Anforderungen an extreme Dauerbeanspruchung.
- Für Innentüren, Glaswände und Windfangsanlagen.

Schloss und Beschlag

- Systemabgestimmte Beschläge
- Formschöne Edelstahl Griffgarnituren und schlanke Rollentürbänder.
- Integrierte, unsichtbare Türschließsysteme.

Kreativität

- Alles harmonisch abgestimmt: durch die gleiche Profilansichtsbreite können gleiche Zubehör- und Beschlagsteile wie für die Systeme forster unico und forster fuego light eingesetzt werden.
- Äußerst wirtschaftliche Fertigung ohne Sondereinrichtung.

Brand- / Rauchschutz

Massgebend sind ausschliesslich die für Ihr Land gültigen Zulassungen.

Le système répondant à plusieurs exigences

forster presto est un système de profilés complet avec ferrures et accessoires pour portes affleurées à un ou deux vantaux châssis fixes, sas d'entrées et fenêtres sans isolation thermique.

Des atouts essentiels

Des variantes de matériaux pour tous les styles

- Acier brut, ZM (zinc-magnésium)
- Acier inox 1.4301, meulé, grain 220-240 avec film de protection adhésif
- Acier inox 1.4401, meulé, grain 220-240 avec film de protection adhésif, gamme limitée sur demande

Esthétique mise en valeur

- Grâce à des faces vues très étroites la section ouvrant plus dormant ne dépasse pas 130 mm.

Performances

- Les éléments sont synonymes d'élegance et de sécurité et répondent aux critères de longévité les plus exigeants.
- Pour portes, châssis fixes et sas d'entrées.

Serrures et ferrures

- Ferrures harmonisées au système.
- Garnitures de poignées et paumelles en acier inox aux formes élégantes.
- Systèmes de ferme-portes intégrés et invisibles.

Créativité

- Tout est soigneusement harmonisé: avec la même face vue des profilés, il est possible d'utiliser les mêmes accessoires et ferrures que pour les systèmes forster unico et forster fuego light.
- Fabrication extrêmement économique sans installation spéciale.

The system with a wide variety of possibilities

forster presto is the complete profile system with fittings and accessories for flush-fitting single- and double-leaved inside doors, glazed walls, porches and windows which do not require thermal break.

Decisive advantages

Material finish options

- Steel bright, ZM (zinc-magnesium)
- Stainless steel 1.4301, grinded, 220-240 grain with adhesive protection tape
- Stainless steel 1.4401, grinded, 220-240 grain with adhesive protection tape, sub-range on request

High degree of aesthetic appeal

- Thanks to extremely slender visible section widths (frame/leaf section measurement only 130 mm) and individual surface treatment.

Performance

- These elements stand for elegance and safety and satisfy the most stringent requirements with regard to extreme constant stress.
- For inside doors, glazed walls and porches.

Locks and fittings

- Fittings to match the system.
- Attractively shaped stainless steel handle set and slender weld-on door hinges.
- Concealed door-closing systems.

Creativity

- Everything designed to harmonise: thanks to the identical visible section width of the profiles, the same accessories and fittings can be used as for the systems forster unico and forster fuego light.
- Extremely economical manufacture with no special equipment.

Fire and smoke resistance

Only the certificates valid in your country are relevant, please check with your specific countries representatives.

Übersicht Eigenschaften nach EN 14351-1

Tableau des caractéris- tiques selon EN 14351-1

Synopsis of characteristics according to EN 14351-1

Nr. No.	Geprüfte Eigenschaften Caractéristiques testées Tested characteristics	Normen Normes Standards	Türen – Klasse / Wert Portes – Classe / Valeur Doors – Class / Value	Fenster – Klasse / Wert Fenêtres – Classe / Valeur Windows – Class / Value
4.2	 Widerstand bei Windlast Résistance au vent Resistance to wind load	EN 12210	bis / jusqu'à / up to C4	bis / jusqu'à / up to C3 / B3
4.5	 Schlagregendichtheit Etanchéité à la pluie battante Watertightness	EN 12208	bis / jusqu'à / up to 8A (450 Pa)	bis / jusqu'à / up to 9A (650 Pa)
4.7	 Stossfestigkeit Résistance au chocs Impact resistance	EN 13049	5	3
4.8	 Tragfähigkeit von Sicherheitsvorrichtungen Capacité portante des dispositifs de sécurité Load-bearing capacity of safety devices	EN 14351	Anforderung erfüllt Exigence satisfaite Requirement fulfilled	Anforderung erfüllt Exigence satisfaite Requirement fulfilled
4.11	 Schallschutz Performance acoustique Acoustic performance	EN ISO 140-3	bis / jusqu'à / up to Rw 39 dB	bis / jusqu'à / up to Rw 42 dB
4.12	 Wärmedurchgangskoeffizient Coefficient de transmission thermique Thermal transmittance	EN 10077-1	bis / jusqu'à / up to $U_f > 5.6 \text{ [W/(m}^2\cdot\text{K}]}]$	bis / jusqu'à / up to $U_f > 6.4 \text{ [W/(m}^2\cdot\text{K}]}]$
4.14	 Luftdurchlässigkeit Perméabilité à l'air Air permeability	EN 12207	bis / jusqu'à / up to 4	bis / jusqu'à / up to 4
4.16	 Bedienkräfte Forces de manœuvre Operating forces	EN 12217		2
4.17	 Mechanische Festigkeit Résistance mécanique Mechanical strength	EN 13115	4	4
4.19	 Durchschusshemmung Résistance aux balles Bullet resistance	EN 1522	---	---
4.21	 Dauerfunktion Résistance à l'ouverture et fermeture répétées Durability test	EN 12400	C5 (200'000 Zyklen / cycles)	C2 (10'000 Zyklen / cycles)
4.22	 Differenzklimaverhalten Comportement entre climats différents Behaviour between different climates	EN 12219	bis / jusqu'à / up to 3(C) / 3(d) / 3(e)	---
4.23	 Einbruchhemmung Résistance à l'effraction Burglar resistance	DIN EN 1627	WK3	---
	 Brandschutz Résistance aux feu Fire resistance	EN 13501-2	E30 - E120 EW30 - EW60	---

Wesentliche Eigenschaften / Caractéristiques essentielles / Essential characteristics

Systemvarianten**Variantes du système****System variations****forster presto 50**

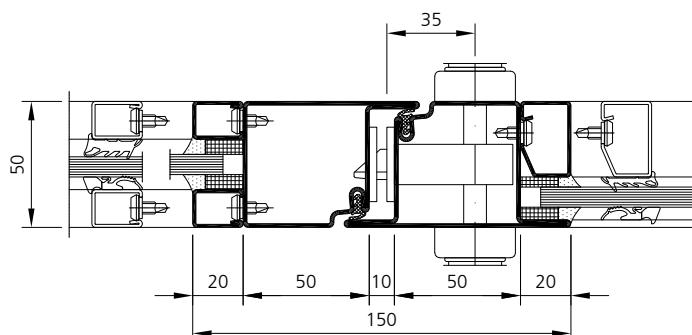
Stahl
Acier
Steel

forster presto 50

Edelstahl
Acier inox
Stainless steel



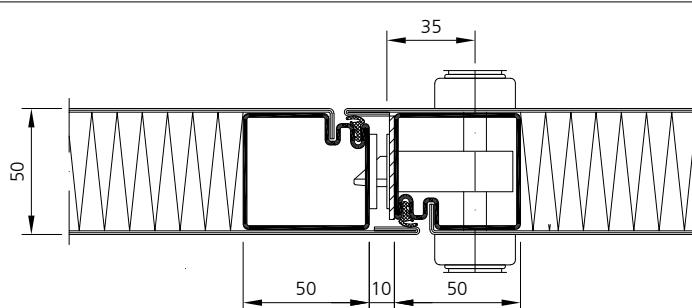
E30 - E120
EW30 - EW60
RS / G30 / G60

**forster presto 50**

Stahl, flächenbündig verblechte Tür
Acier, porte en tôle affleurée
Steel, flush mounted sheet metal door

E30

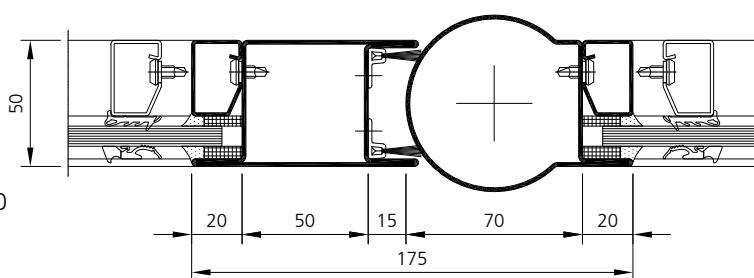
Siehe separate Broschüre
Voir brochure séparée
See separate brochure

**forster presto 50**

Stahl, Fingerschutz
Acier, porte anti-pince doigts
Steel, anti-finger-trap door

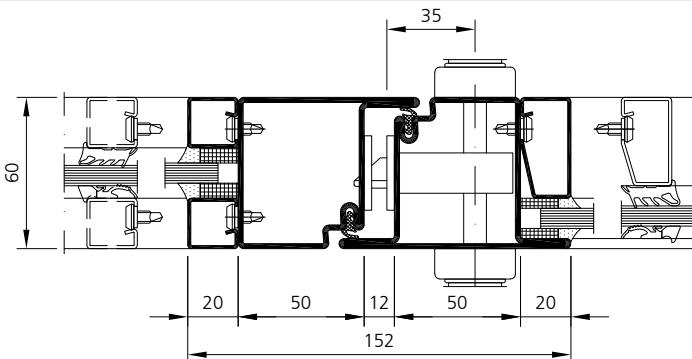
Pendeltür: siehe separate Broschüre
Porte va-et-vient: voir brochure séparée
Double action door: see separate brochure

E30 - E60
EW30 - EW60

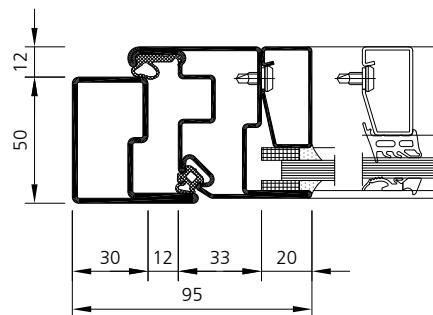
**forster presto 60S**

Stahl
Acier
Steel

E30 - E120
EW30 - EW60
RS / G30 / G60
WK3

**forster presto 50**

Stahl, Fenster
Acier, fenêtres
Steel, windows





Zeichnungsdaten dwg / BIM

Die in dieser Dokumentation gezeigten Schnitte und Pläne mit nachstehenden Bezeichnungen stehen als dwg-Daten unter www.forster-profile.ch/downloads zur Verfügung.

In der PDF-Version der Dokumentation sind diese Zeichnungen mit einem Link versehen.

pr_ep_xxxx Einbaupläne
pr_kd_xxxx Konstruktionsdetails
pr_sd_xxxx Systemdetails
pr_sp_xxxx Systempläne
pr_wa_xxxx Wandanschlüsse

Données de dessins dwg / BIM

Les coupes et les plans présentés dans cette documentation avec les désignations ci-dessous sont disponibles au format DWG sous www.forster-profile.ch/téléchargement.

Dans la version PDF de la documentation, ces dessins sont dotés d'un lien.

pr_ep_xxxx Plans de la mise en œuvre
pr_kd_xxxx Détails de construction
pr_sd_xxxx Coupes du système
pr_sp_xxxx Plans du système
pr_wa_xxxx Raccords muraux

Drawing data dwg / BIM

The sections and plans in this documentation with the below-mentioned designations are available as DWG data under www.forster-profile.ch/téléchargement.

In the PDF version of the documentation, these drawings are provided with a link.

pr_ep_xxxx Processing plans
pr_kd_xxxx Construction details
pr_sd_xxxx System sections
pr_sp_xxxx System plans
pr_wa_xxxx Wall abutments

BIM-Modelle

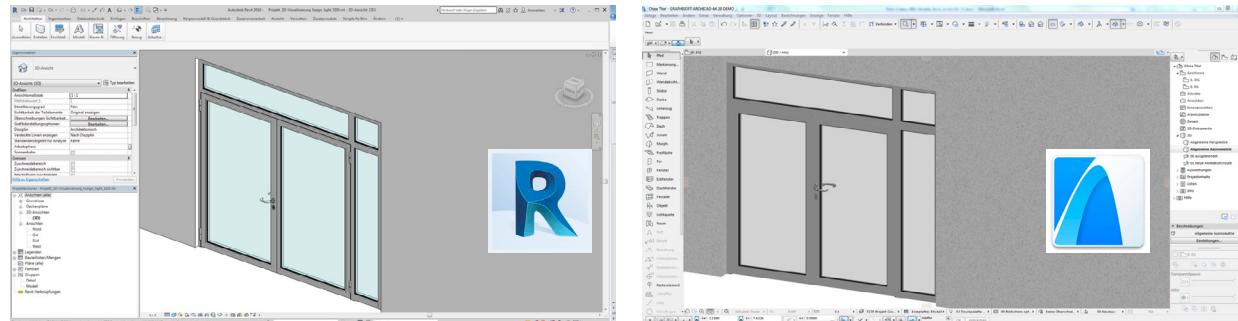
Für die BIM Planungsmethode stehen Ihnen zahlreiche Modelle des Systems forster presto in Revit und ArchiCAD unter www.forster-profile.ch/Downloads zur Verfügung.

Modèles BIM

Nombreux modèles du système forster presto pour la méthode de planification BIM sont disponibles en Revit et ArchiCAD sous www.forster-profile.ch/téléchargement.

BIM models

For the BIM planning method, numerous models of forster presto system are available for Revit and ArchiCAD on www.forster-profile.ch/Downloads.



Biegeradien

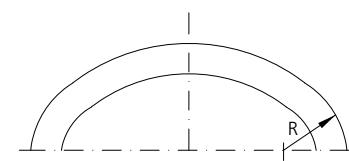
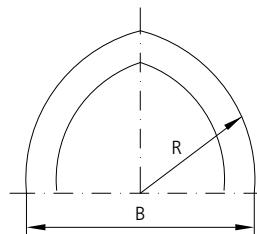
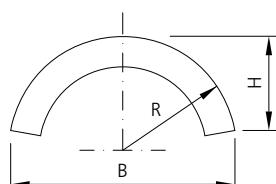
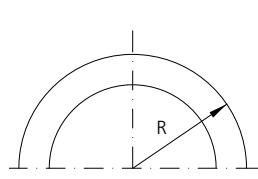
Enge Radien ab 300 mm möglich

Rayons de cintrage

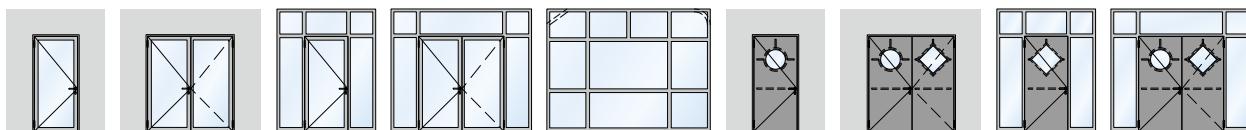
Rayons de cintrage étroits dès 300 mm

Bending

Narrow bending radii from 300 mm



Das System auf einen Blick



Ausgangsmaterial

- Stahl blank, ZM (Zink Magnesium)
- Edelstahl 1.4301 / 1.4401, geschliffen, Korn 220-240 mit Schutzfolie

Abmessungen

- Schmalste Profilquerschnitte: Kastenbreite 40 / 80 mm
- Blendrahmen-/Flügelmaß ab 120 mm
- Bautiefe Flügel und Rahmen 50 mm, flächenbündig
- Wandstärke 1.5 mm

Harmonisierung

- Gleiche Ansicht wie forster Fuego light und forster unico

Öffnungsarten

- Anschlagtüren nach innen und nach aussen öffnend
- Antipaniktüren
- Pendeltüren / Anschlagtür mit Fingerschutz
-> siehe separate Broschüre

Schloss und Beschlag

- Auf das System abgestimmte Beschläge, auch für Fluchttüren nach EN 179 und EN 1125
- Elegante Edelstahl-Griffgarnituren und schlanke Rollentürbänder
- Integrierte, unsichtbare Türschließsysteme
- 1 Mio. Zyklen geprüft nach EN 1191

Schutz und Sicherheit

- CE-Kennzeichnung nach EN 16034 Brand- und Rauchschutz und Kombinationen
- CE-Kennzeichnung nach EN 14351-1
- Brandschutzverglasungen
- Einbruchhemmende Türen RC2

Verarbeitung

- Äußerst wirtschaftliche Fertigung ohne Sondereinrichtung

Länderspezifische Zulassungen beachten!

Le système en un coup d'œil

The system at a glance

Matériaux de base

- Acier brut, ZM (zinc-magnésium)
- Acier inox 1.4301 / 1.4401, meulé, grain 220-240 avec film de protection adhésif

Dimensions

- Finesse des profilés : largeur des corps 40 / 80 mm
- Dimensions du cadre dormant / vantail à partir de 120 mm
- Profondeur du vantail et dormant de 50 mm, affleuré
- Épaisseur 1,5 mm

Harmonisation

- Façade vue identiques: forster fuego light et forster unico

Genres d'ouvertures

- Portes à battues ouvrant vers l'intérieur et vers l'extérieur
- Portes anti-panique
- Porte va-et-vient / Porte battante anti-pince doigts
-> voir brochure séparée

Serrures et quincailleries

- Quincailleries harmonisées au système, aussi pour portes de secours selon EN 179 et EN 1125
- Garnitures de poignées en acier inox aux formes élégantes et paumelles de portes élancées
- Systèmes de ferme-portes intégrés et cachés
- 1 million de cycles selon EN 1191 vérifié

Protection et sécurité

- Marquage CE selon EN 16034 Coupe-feu et pare-fumée et combinaisons
- Marquage CE selon EN 14351-1
- Cloison coupe-feu
- Portes anti-effraction RC2

Finitions

- Fabrication extrêmement économique sans outillage spécial

Respecter les homologations valables dans votre pays!

Base material

- Steel bright, ZM (zinc-magnesium)
- Stainless steel 1.4301 / 1.4401, grinded, 220-240 grain with adhesive protection tape

Dimensions

- Extremely slim profile cross-sections: box width 40 / 80 mm
- Outer frame / leaf size from 120 mm
- Structural depth leaf and frame 50 mm, flush-fitting
- Wall thickness 1,5 mm

Harmonisierung

- Same constructions widths as forster fuego light and forster unico

Types of openings

- Leaf doors opening inwards and outwards
- Panic version door
- Double action door / Anti-finger-trap single action door (NR)
-> see separate brochure

Locks and Fittings

- Fittings to match the system, also for emergency doors according to EN 179 and EN 1125
- Attractively shaped stainless steel handles set and slender roller door hinges
- Concealed and integrated door closing systems
- 1 million cycles according to EN 1191 tested

Protection and safety

- CE-Marking according to EN 16034 fire and smoke protection and combinations
- CE-Marking according to EN 14351-1
- Fire resistant glazing
- Burglary resistant doors RC2

Processing

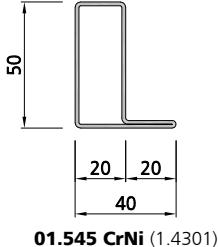
- Extremely economical manufacture with no special machinery needed.

Take note of the country-specific approvals!

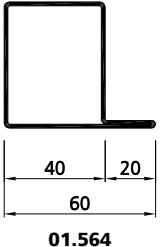
Systemübersicht

Tableau du système

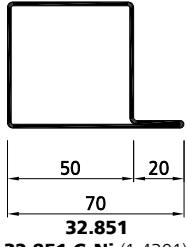
Synopsis of system



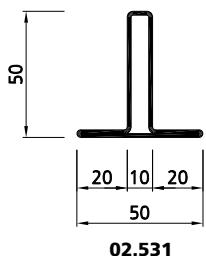
01.545 CrNi (1.4301)



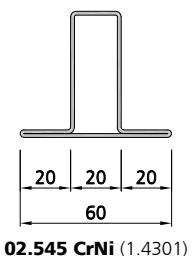
01.564



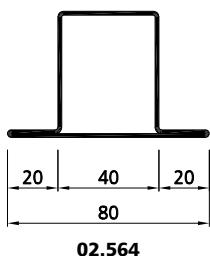
32.851 CrNi (1.4301)
32.851 CrNi (1.4401)



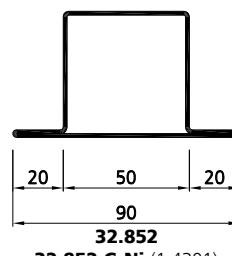
02.531



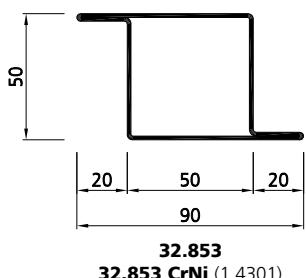
02.545 CrNi (1.4301)



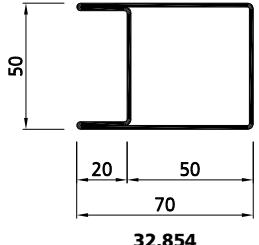
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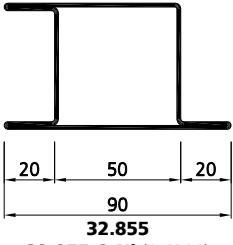
32.852
32.852 CrNi (1.4301)
32.852 CrNi (1.4401)



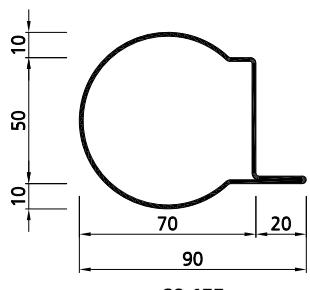
32.853
32.853 CrNi (1.4301)



32.854
32.854 CrNi (1.4301)



32.855
32.855 CrNi (1.4301)
32.855 CrNi (1.4401)

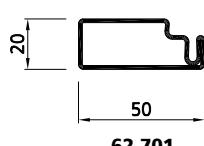
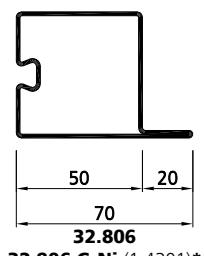
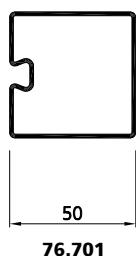
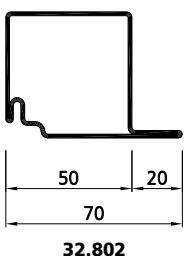
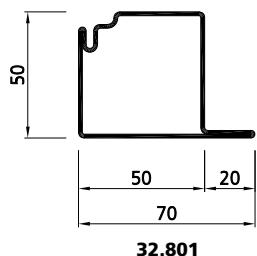
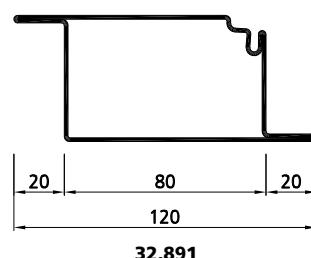
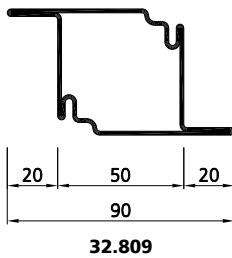
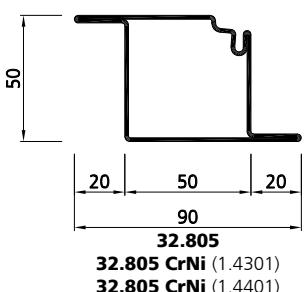
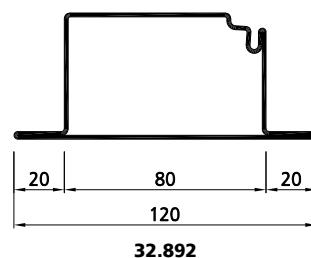
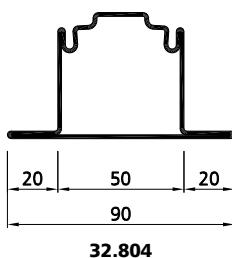
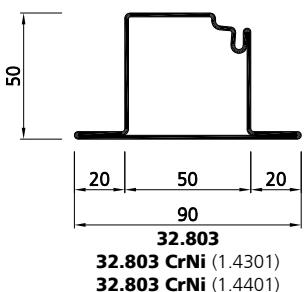
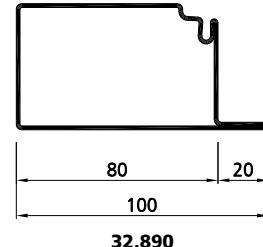
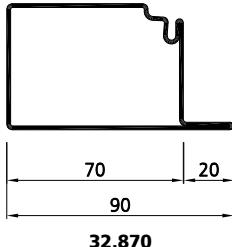
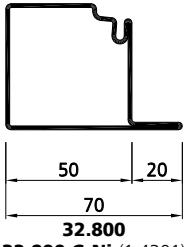
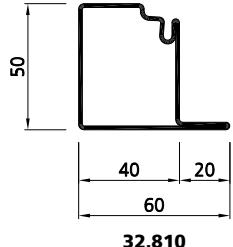


60.155

Systemübersicht

Tableau du système

Synopsis of system

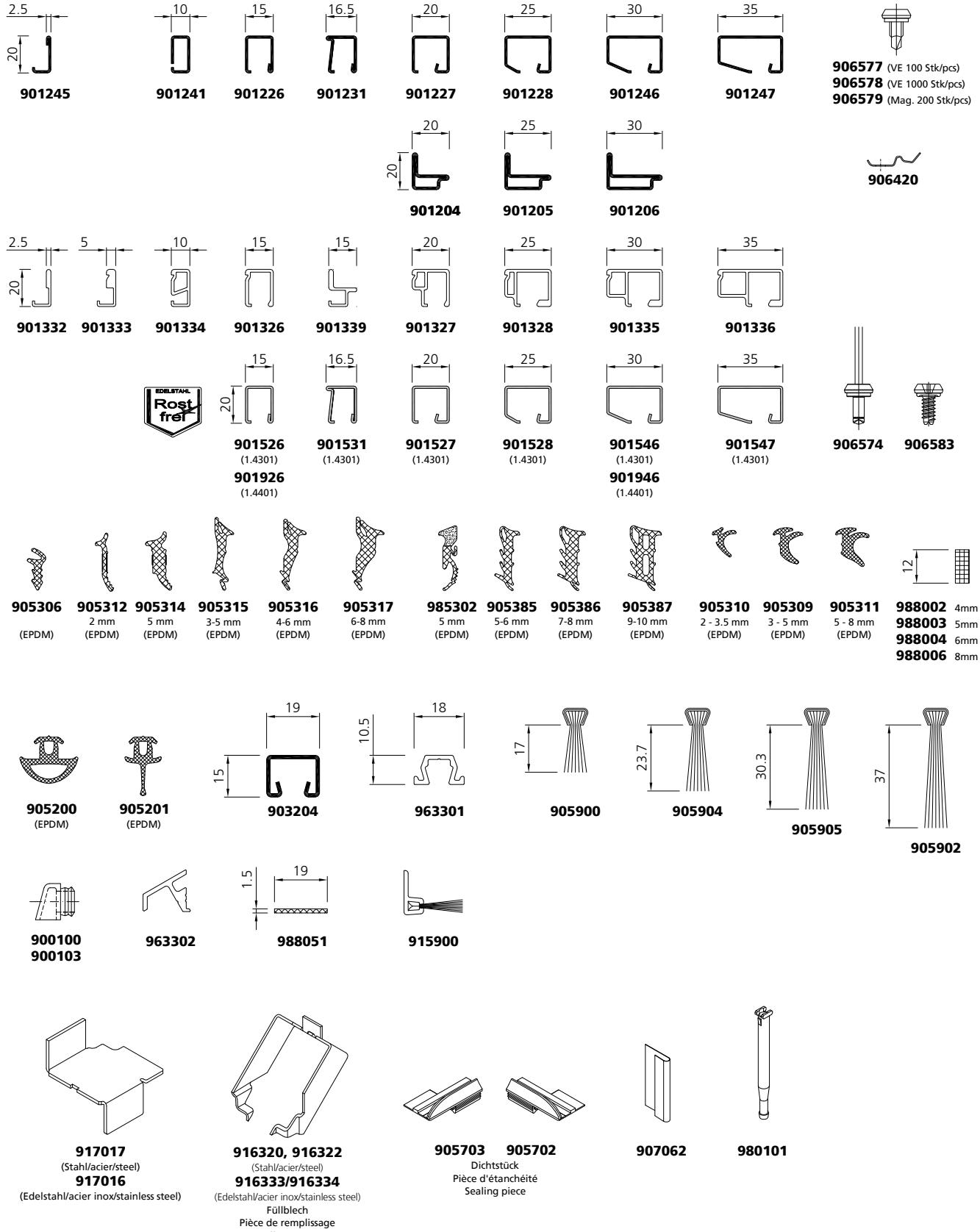


* auf Anfrage
sur demande
on request

Systemübersicht

Tableau du système

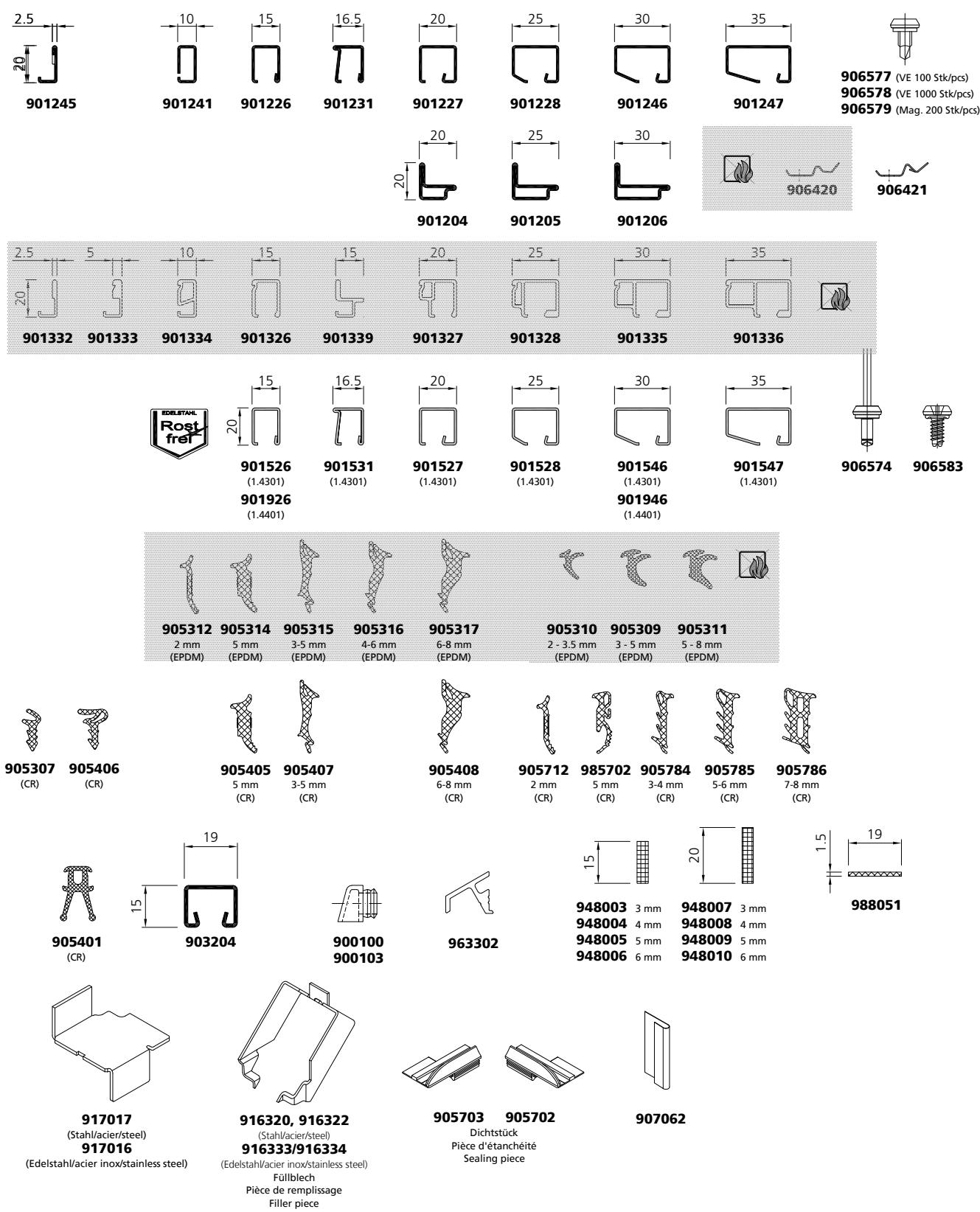
Synopsis of system



Systemübersicht Brand- und Rauchschutz

Tableau du système Protection contre le feu et la fumée

Synopsis of system Smoke and fire protection

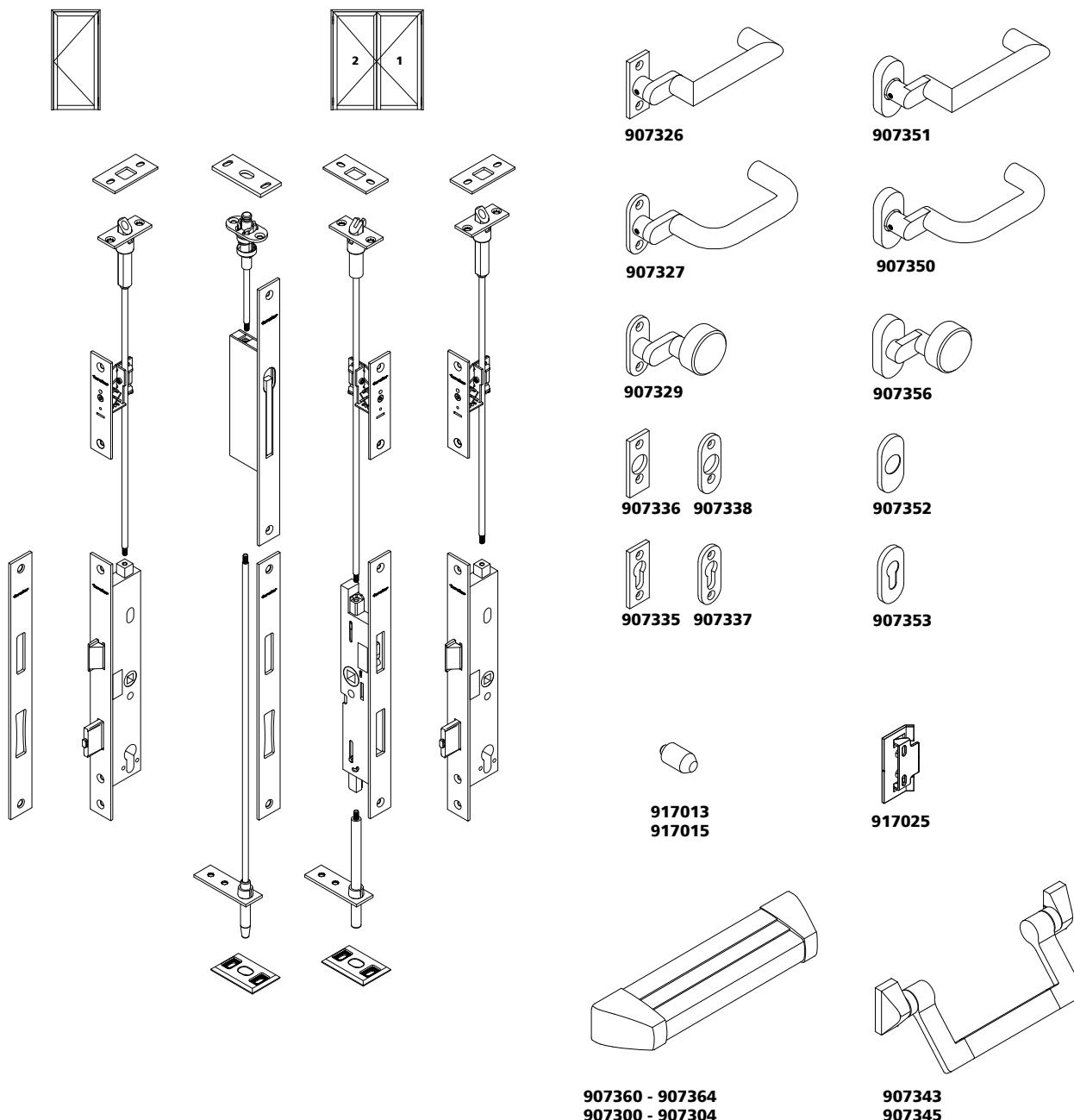
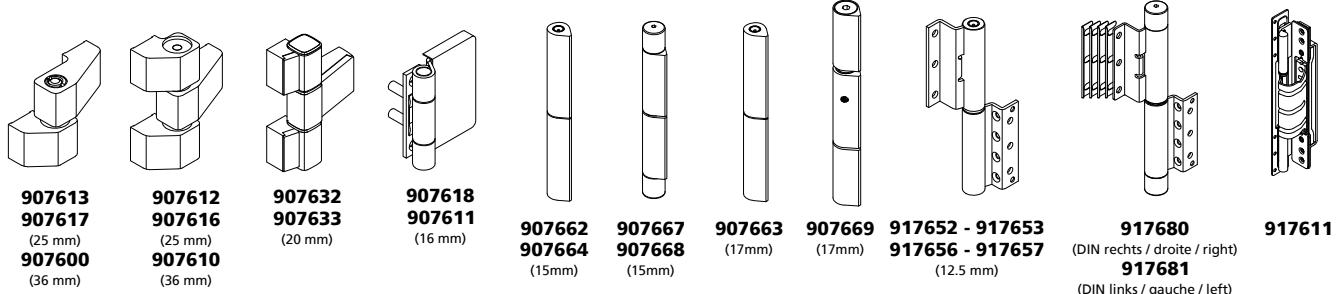


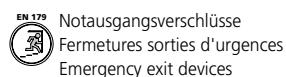
Für Brandschutz nicht zulässig /
pas autorisé pour coupe-feu /
not allowed for fire protection

Systemübersicht
Beschläge Tür

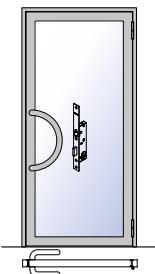
Tableau du système
Quincaillerie de porte

Synopsis of system
Door fittings

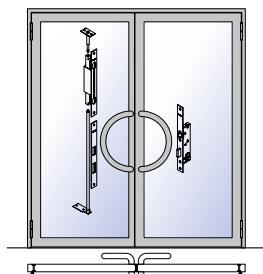


Übersicht Beschlageinbau**Disposition de la quincaillerie** **Placement of fittings**

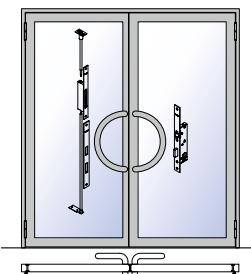
E-Öffner
Ouverture électrique
Electric door opener



Rollfallenschloss
Serrure à rouleau
Roller latch lock



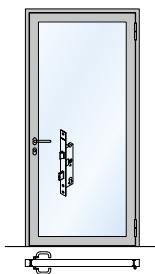
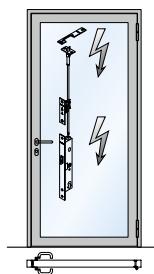
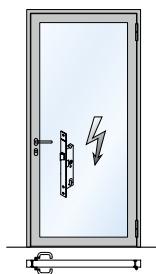
Rollfallenschloss
Serrure à rouleau
Roller latch lock



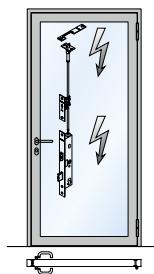
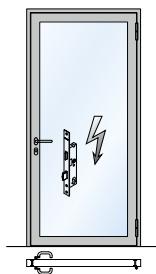
Rollfallenschloss
Serrure à rouleau
Roller latch lock



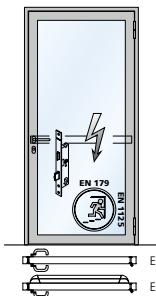
ohne Riegel
sans pêne
without dead bolt



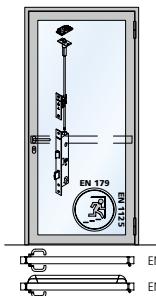
mit Riegel
avec pêne
with dead bolt



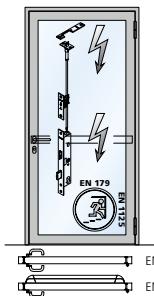
EN 179
EN 1125



EN 179
EN 1125



EN 179
EN 1125



EN 179
EN 1125

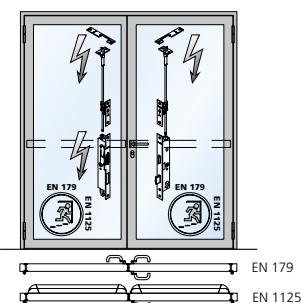
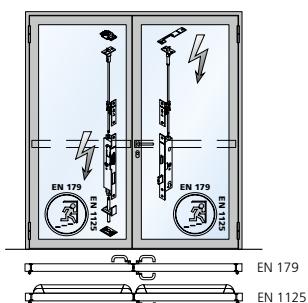
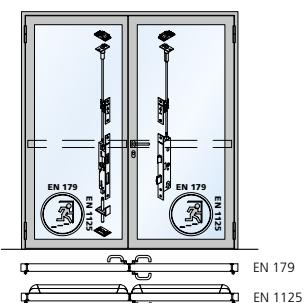
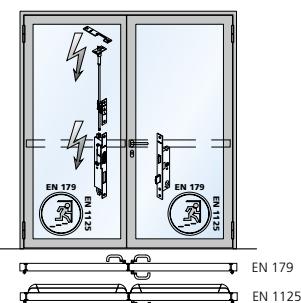
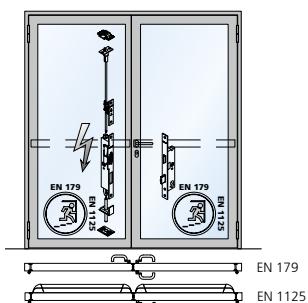
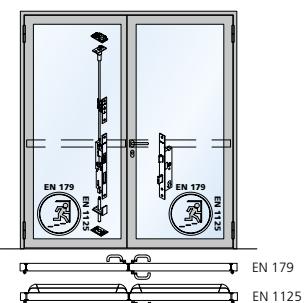
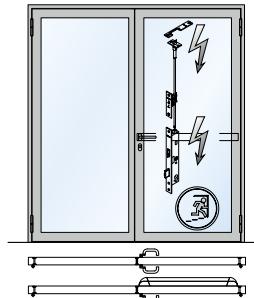
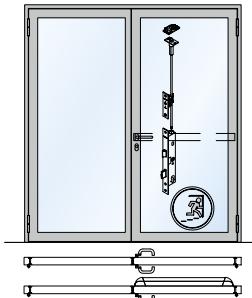
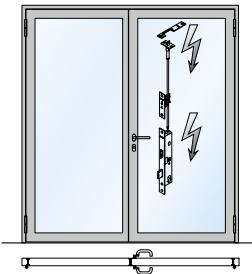
Übersicht Beschlageinbau**Disposition de la quincaillerie Placement of fittings**

 EN 179 Notausgangsverschlüsse
Fermetures sorties d'urgences
Emergency exit devices

 Paniktürverschlüsse
Fermetures anti-paniques
Panic exit devices

 22 RZ / CR / RC PZ / CP / PC
 17

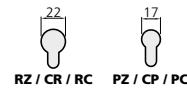
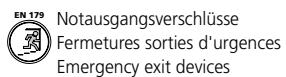
 E-Öffner
Ouverture électrique
Electric door opener



Übersicht Beschlageinbau

Disposition de la quincaillerie

Placement of fittings



E-Öffner
Ouverture électrique
Electric door opener



Übersicht Beschlageinbau**Disposition de la quincaillerie****Placement of fittings**

EN 179
Notausgangsverschlüsse
Fermetures sorties d'urgences
Emergency exit devices



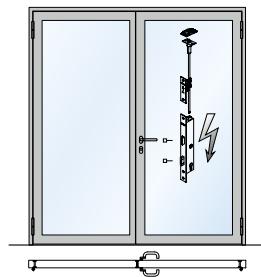
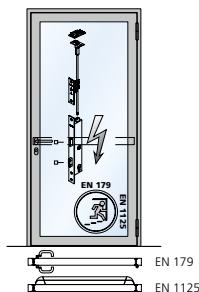
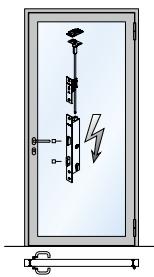
EN 1125
Paniktürverschlüsse
Fermetures anti-paniques
Panic exit devices



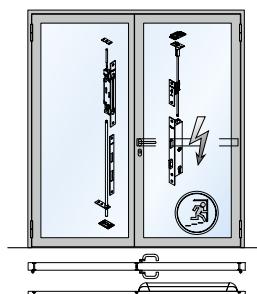
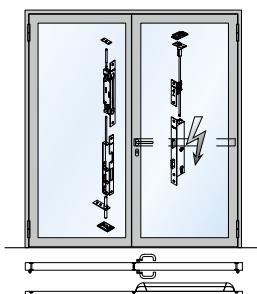
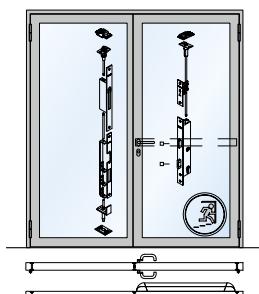
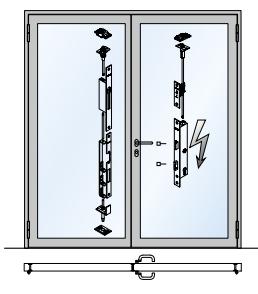
RZ / CR / RC



E-Öffner
Ouverture électrique
Electric door opener

2-Fallenschloss – Serrure à 2 becs de cane – 2-point latch lock

EN 179
EN 1125



Übersicht Systempläne

- 1** einflügelige Tür
- 2** • mit Seitenteil
- 3** • mit zwei Seitenteilen
- 4** • mit Oberlicht
- 5** • mit Oberlicht und Seitenteil
- 6** • mit Oberlicht und zwei Seitenteilen
- 7** zweiflügelige Tür
- 8** • mit Seitenteil
- 9** • mit zwei Seitenteilen
- 10** • mit Oberlicht
- 11** • mit Oberlicht und Seitenteil
- 12** • mit Oberlicht und zwei Seitenteilen
- 13** Festverglasung

Tableau des plans du système

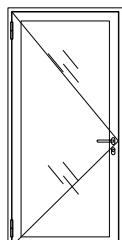
- porte à un vantail
 - avec partie latérale fixe
 - avec deux parties latérales fixes
 - avec imposte
 - avec imposte et partie latérale fixe
 - avec imposte et deux parties latérales fixes
- porte à deux vantaux
 - avec partie latérale fixe
 - avec deux parties latérales fixes
 - avec imposte
 - avec imposte et partie latérale fixe
 - avec imposte et deux parties latérales fixes
- vitrage fixe

Synopsis of system plans

- single-leaved door
 - with screen abutment
 - with 2 screen abutments
 - with fanlight
 - with fanlight and screen abutment
 - with fanlight and 2 screen abutments
- double-leaved door
 - with screen abutment
 - with 2 screen abutments
 - with fanlight
 - with fanlight and screen abutment
 - with fanlight and 2 screen abutments
- fixed glazing

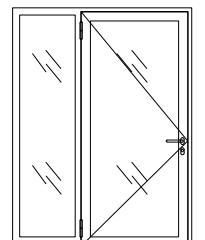
Stahl / Acier / steel

Edelstahl / Acier inox / stainless steel

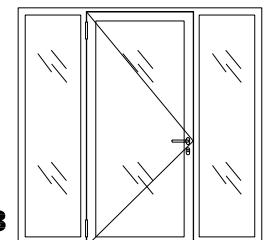


1
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 pr_sp_0091

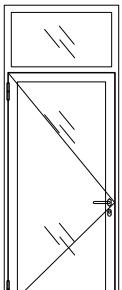
BIM Revit / ArchiCAD



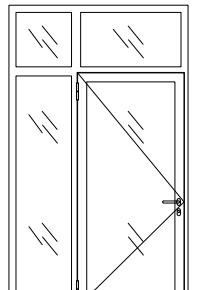
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 pr_sp_0092



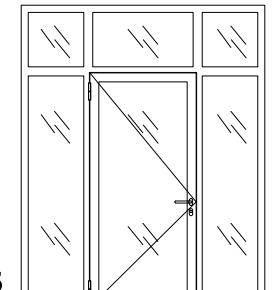
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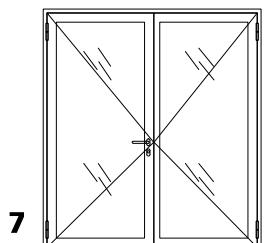
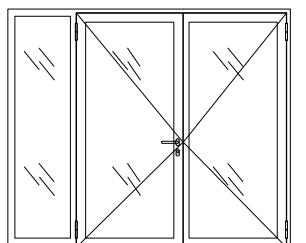
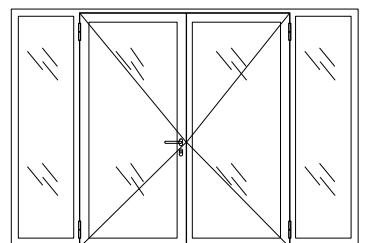
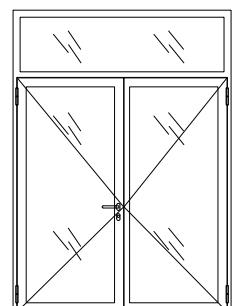
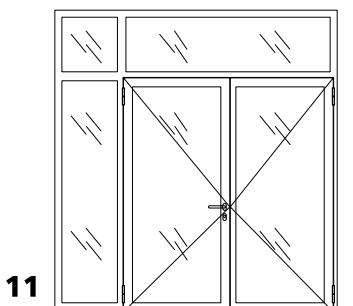
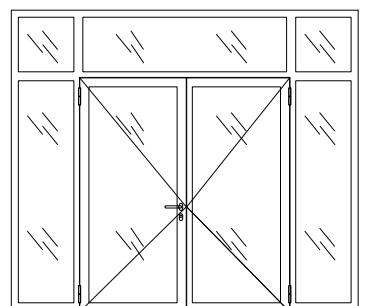
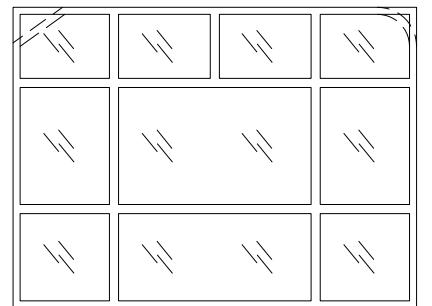
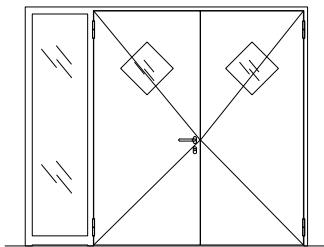
4
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5
 pr_sp_0065
 pr_sp_0095

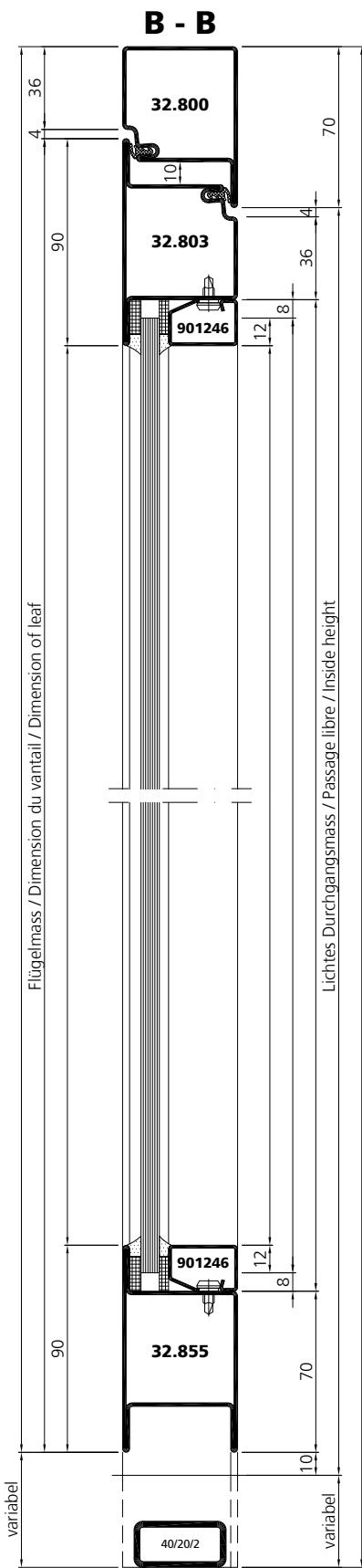
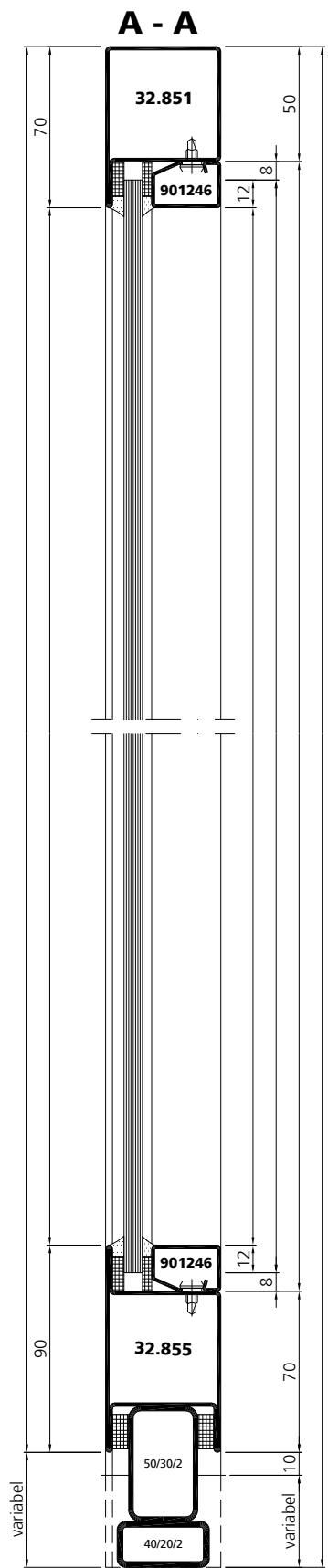


6
 pr_sp_0066
 pr_sp_0096

Übersicht Systempläne**Tableau des plans du système Synopsis of system plans****7****[pr_sp_0067](#)****[pr_sp_0097](#)****BIM Revit / ArchiCAD****8****[pr_sp_0068](#)****[pr_sp_0098](#)****9****[pr_sp_0069](#)****[pr_sp_0099](#)****10****[pr_sp_0070](#)****[pr_sp_0100](#)****11****[pr_sp_0071](#)****[pr_sp_0101](#)****12****[pr_sp_0072](#)****[pr_sp_0102](#)****13****[pr_sp_0060](#)****[pr_sp_0090](#)**

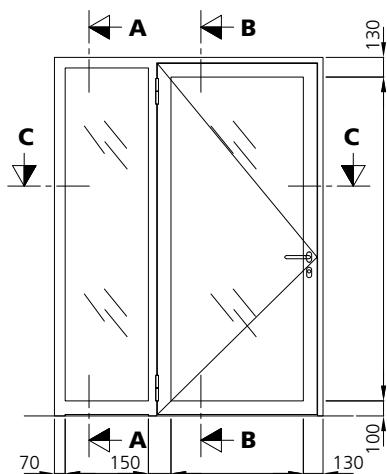
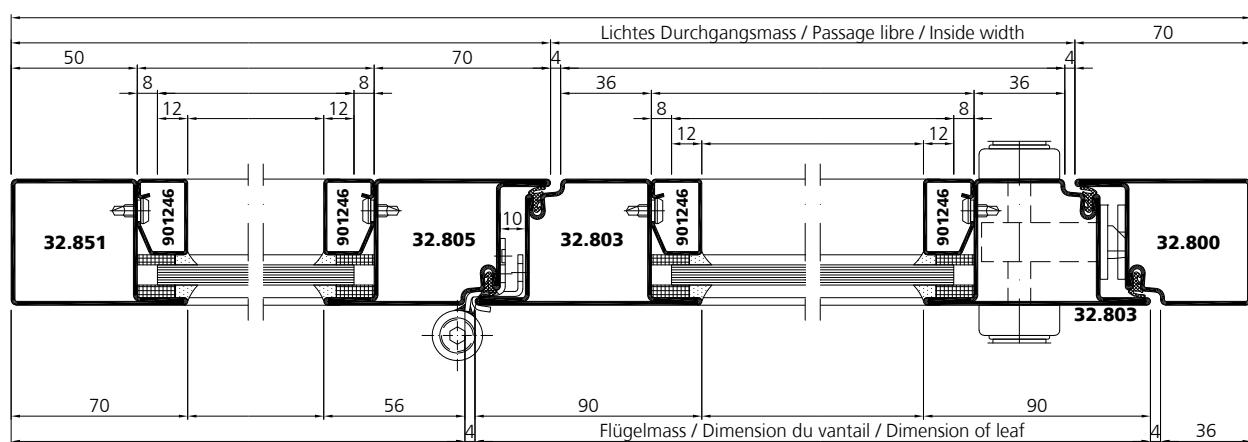
Systempläne**Plans du système****System plans**

■ pr_sp 0062
 ■ pr_sp 0092



Systempläne**Plans du système****System plans**

pr_sp 0062
 pr_sp 0092

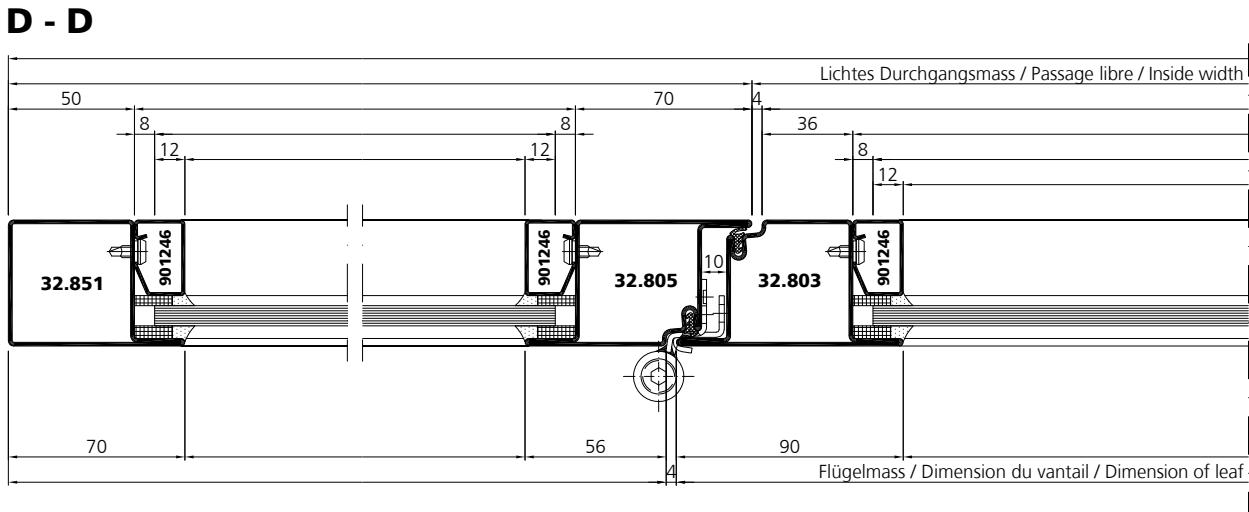
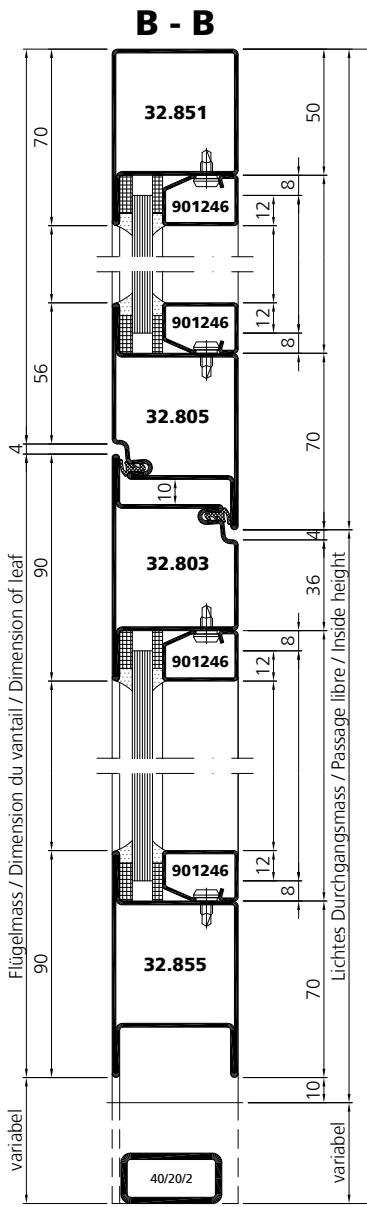
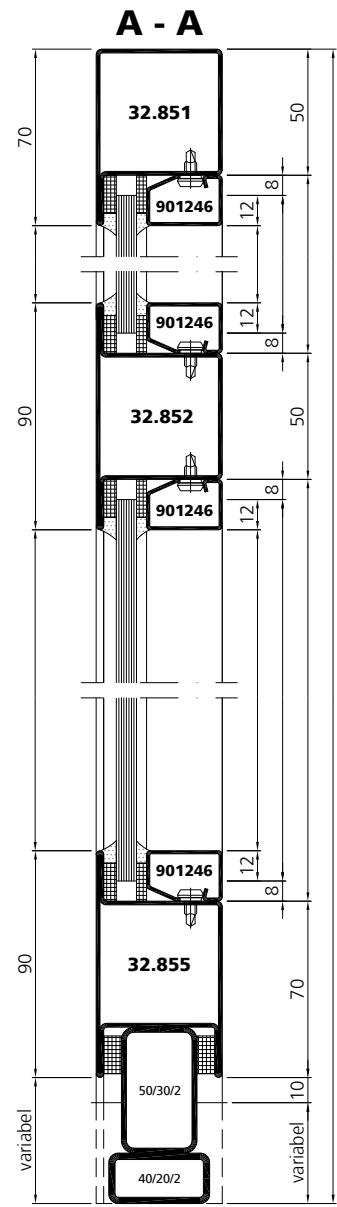
**C - C**

Systempläne

Plans du système

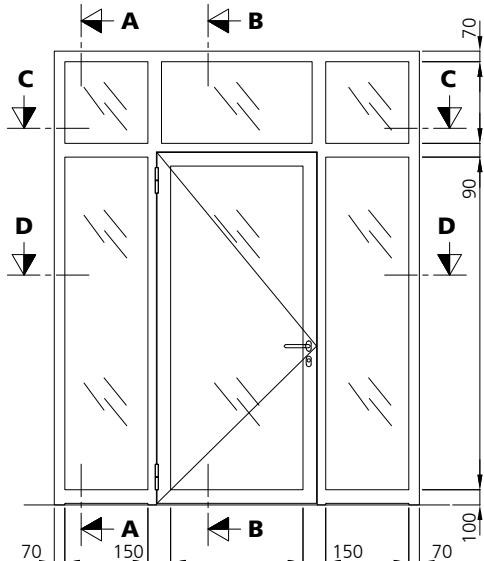
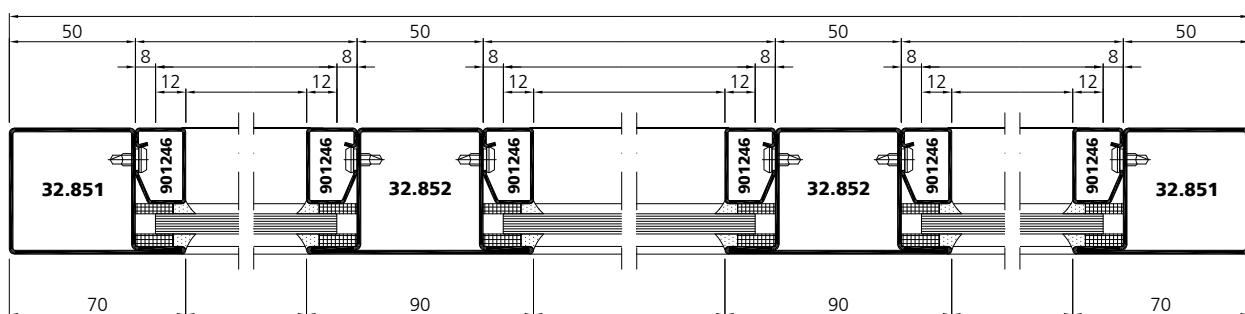
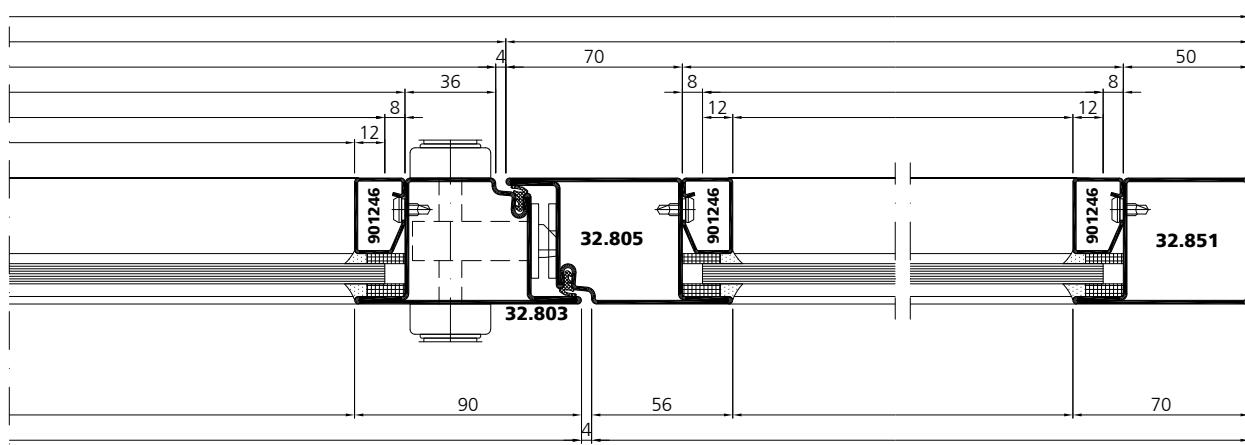
System plans

 pr sp 0066
 pr sp 0096



Systempläne**Plans du système****System plans**

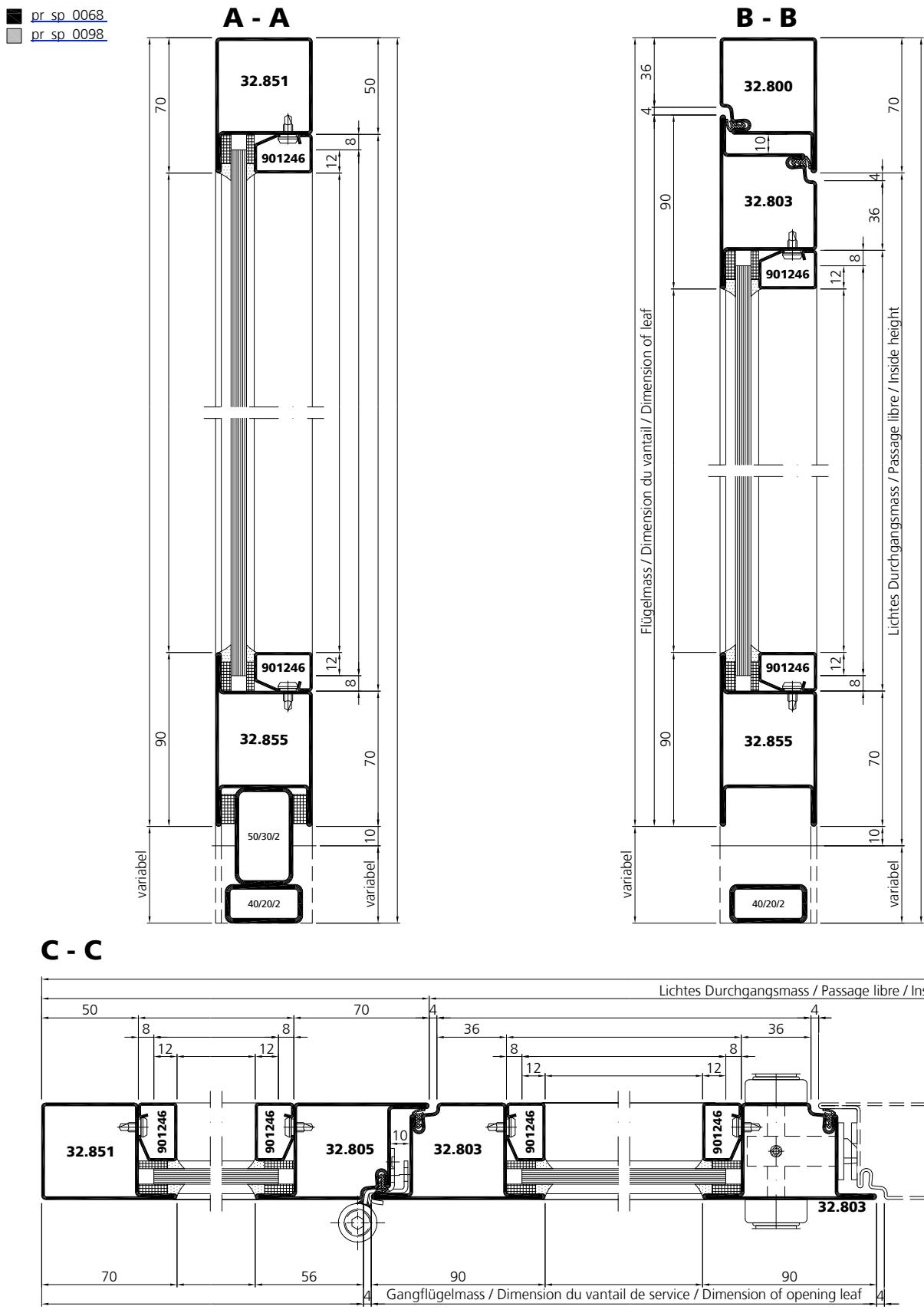
■ pr_sp 0066
 □ pr_sp 0096

**C - C****D - D**

Systempläne

Plans du système

System plans

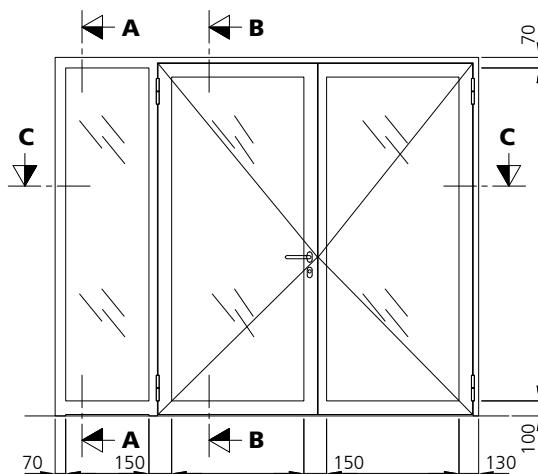


Systempläne

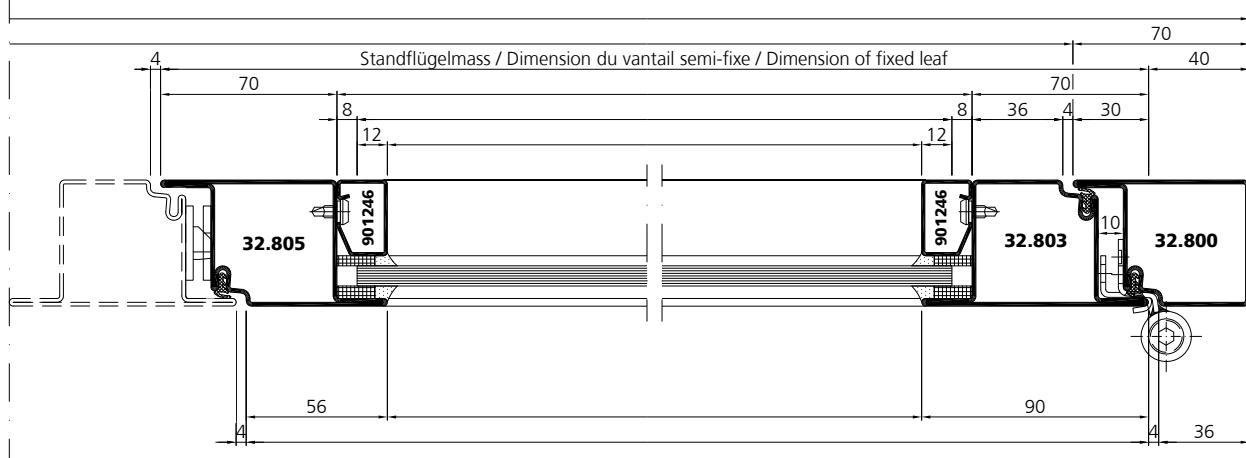
Plans du système

System plans

 pr sp 0068
 pr sp 0098

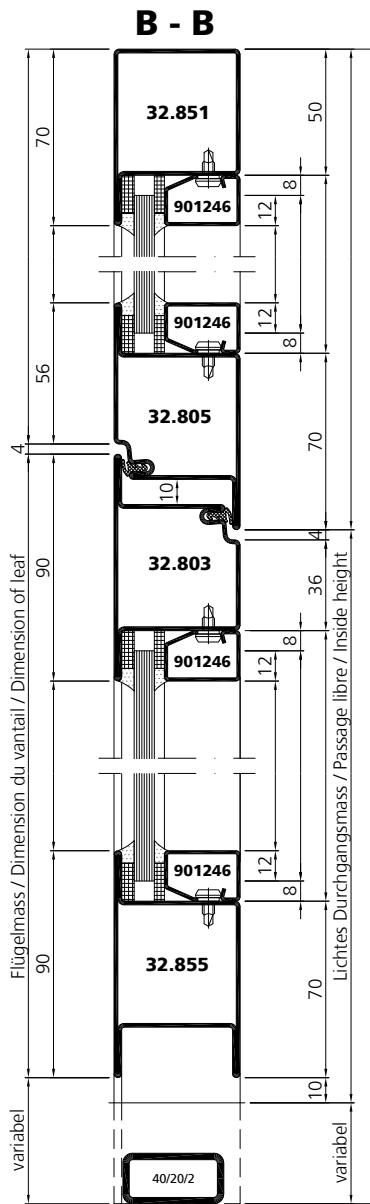
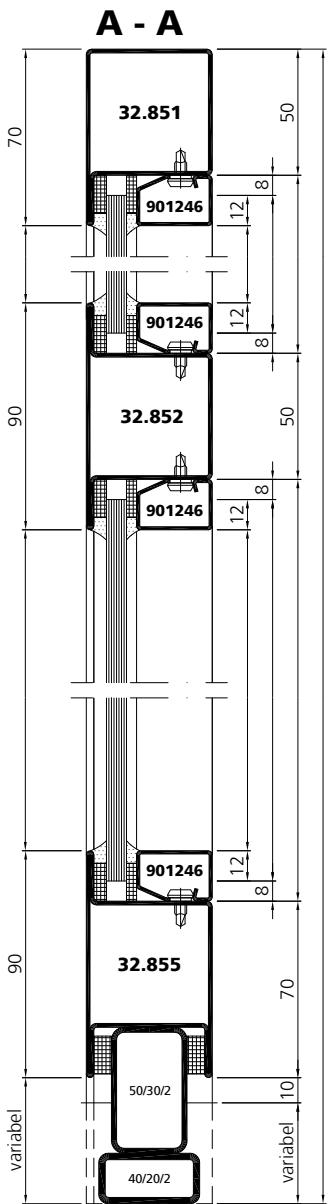
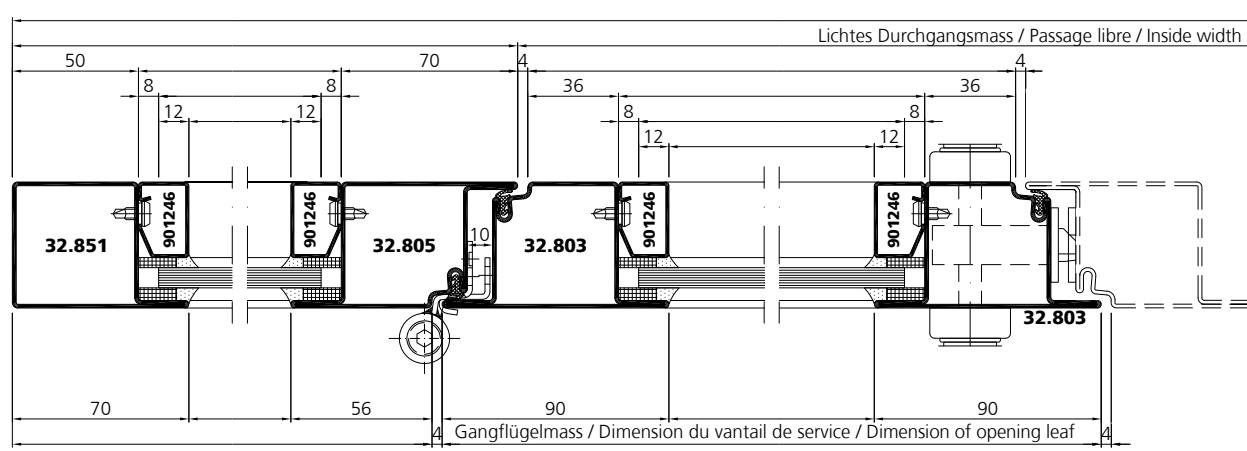


C - C



Systempläne**Plans du système****System plans**

■ pr_sp 0072
 ■ pr_sp 0102

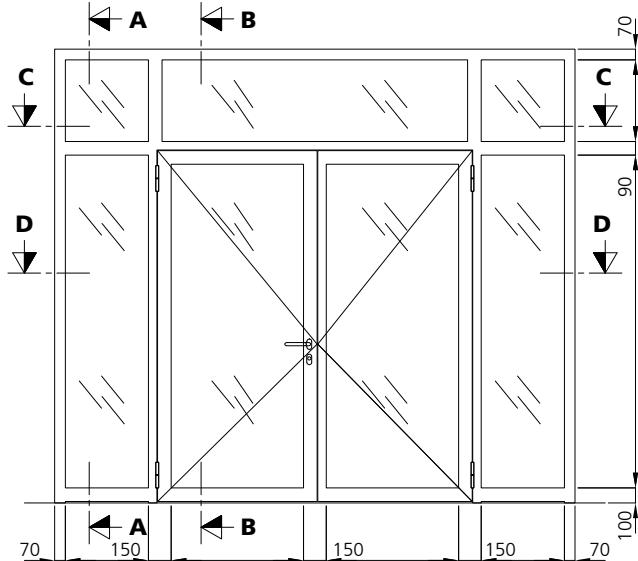
**D - D**

Systempläne

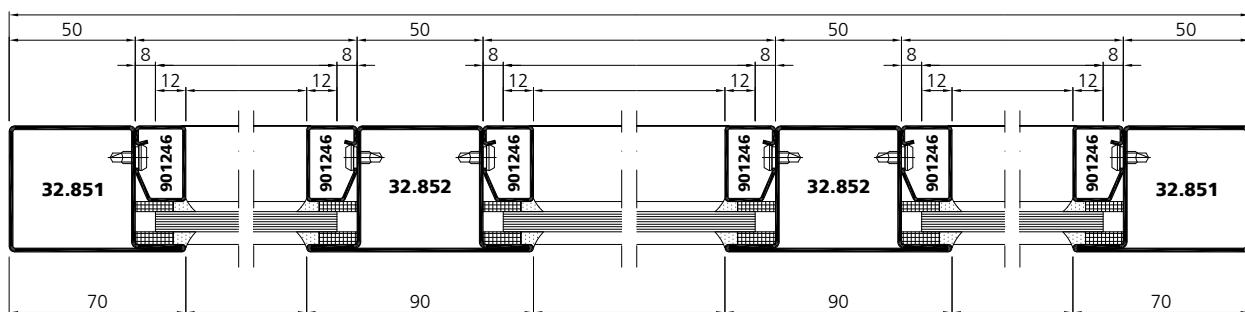
Plans du système

System plans

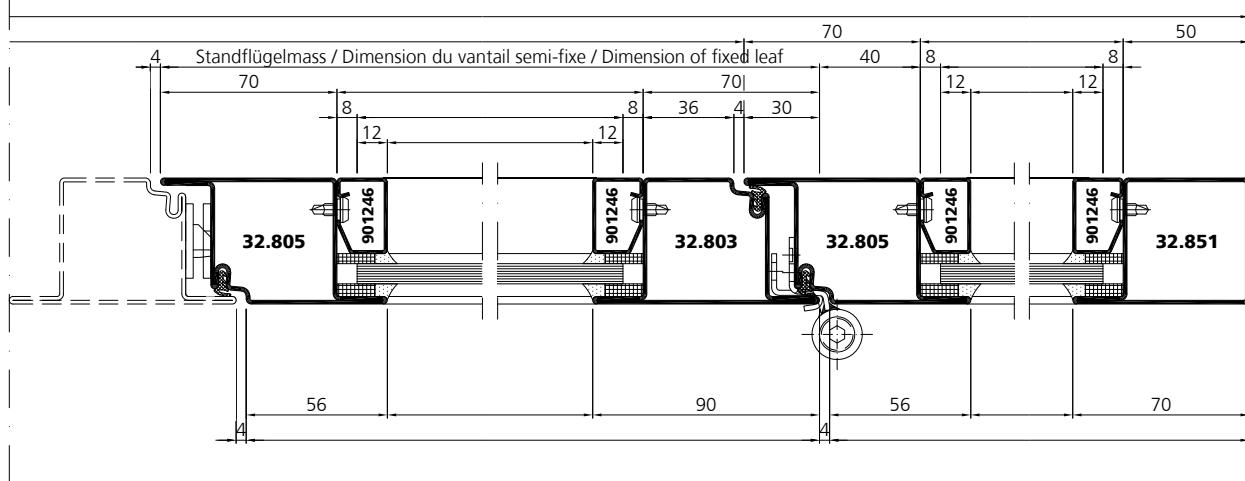
pr_sp_0072
pr_sp_0102



C - C

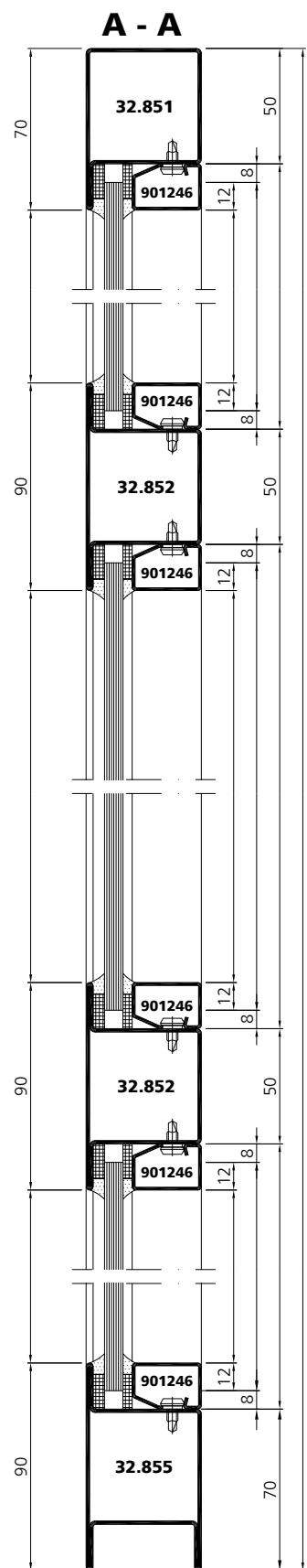


D - D



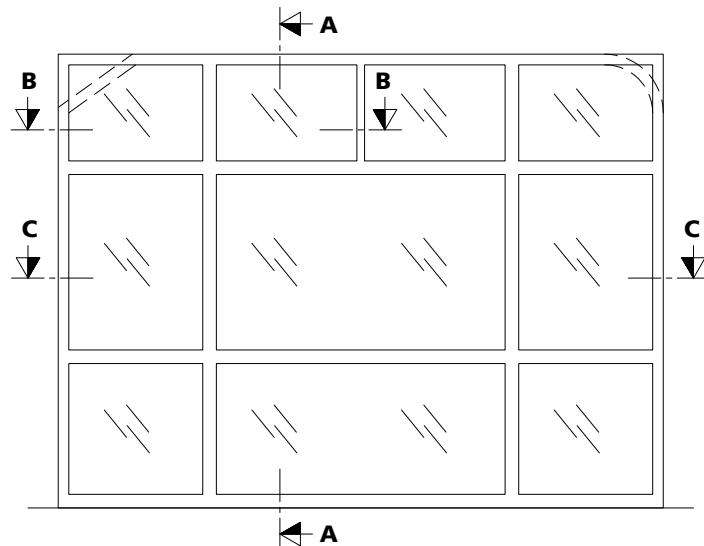
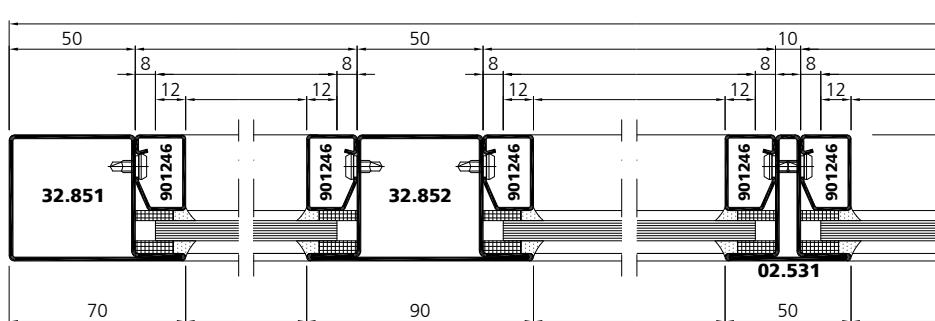
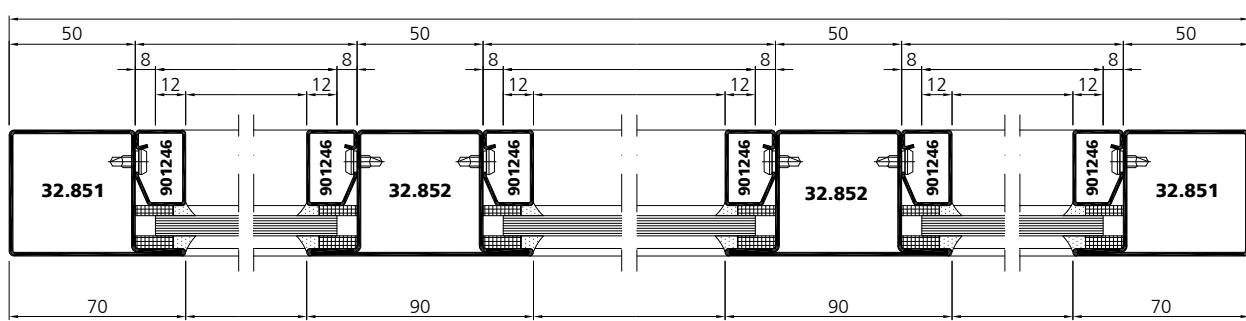
Systempläne**Plans du système****System plans**

■ pr_sp_0060
■ pr_sp_0090



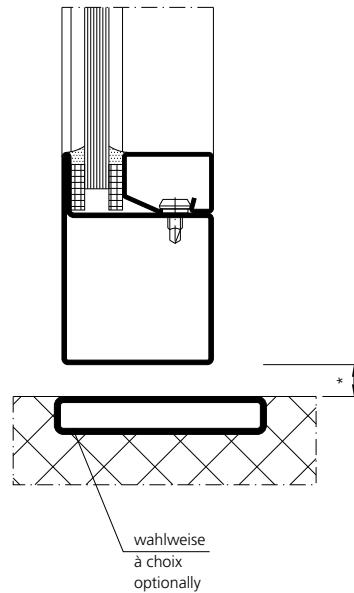
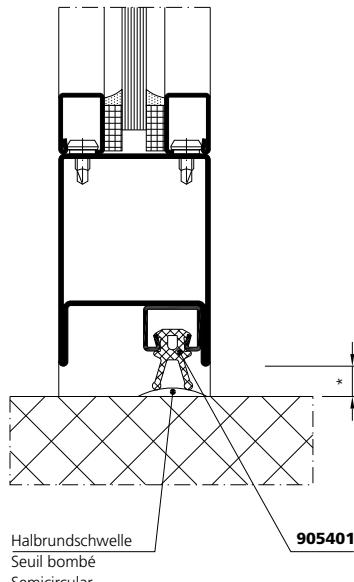
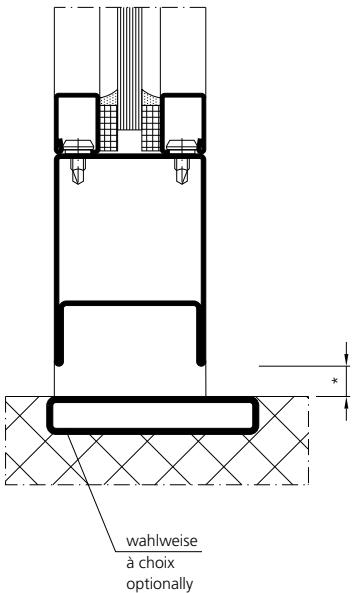
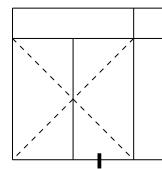
Systempläne**Plans du système****System plans**

pr_sp 0060
 pr_sp 0090

**B - B****C - C**

Konstruktionsdetails
 Türschwelle

Détails de construction
 Seuil de porte

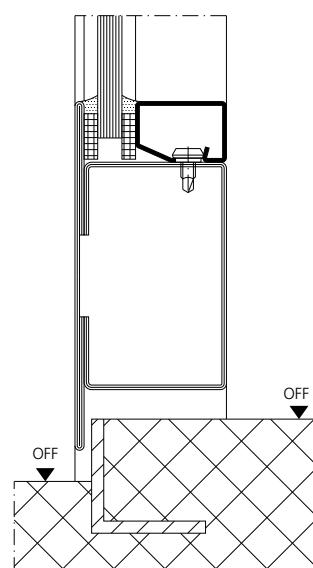
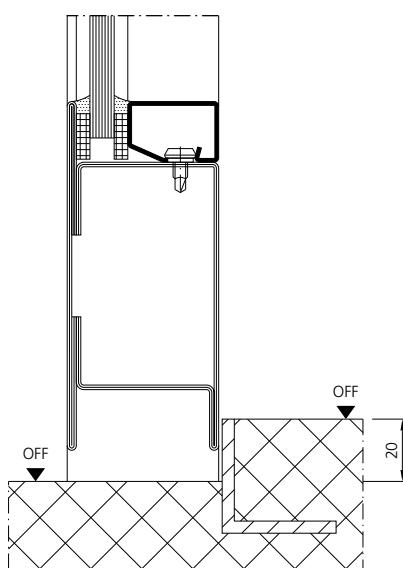
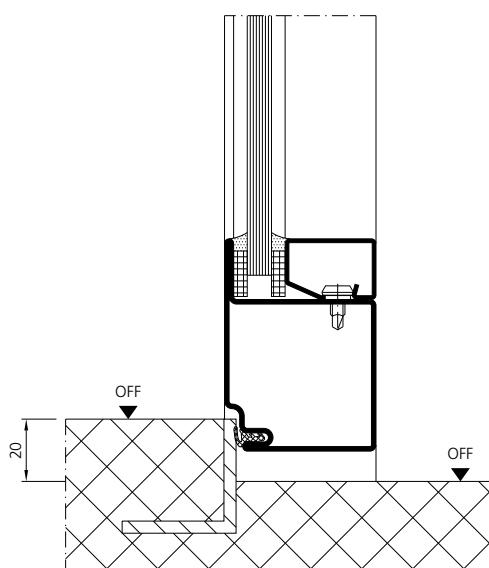
Construction details
 Threshold


Das Verbindungsrohr darf, nach der Zargenbefestigung / nach dem Abbinden des Mörtels an den Ankern, entfernt werden.

Le tube de liaison peut être enlevé après la fixation du cadre.

After fixing of the border or setting of cement mortar by the anchors the connection tube can be removed

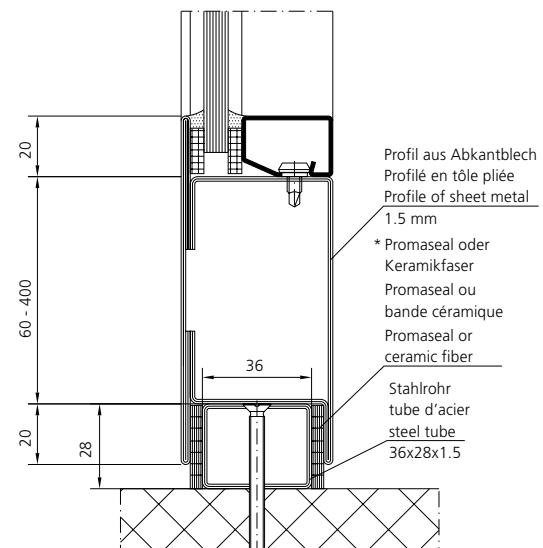
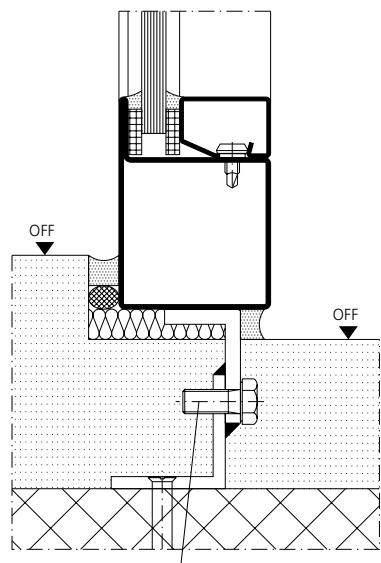
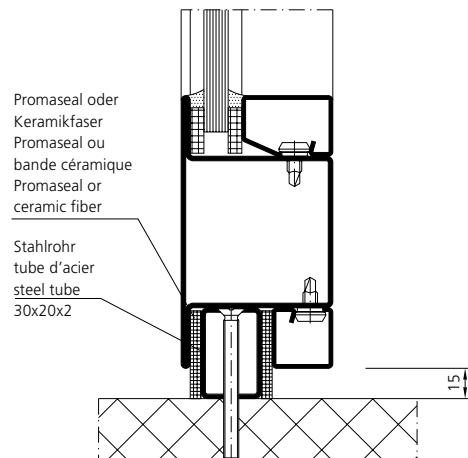
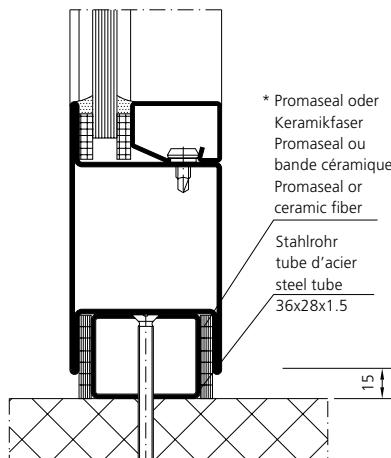
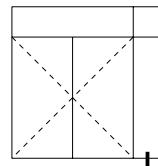
* Spaltbreite unten 10 mm (+1/-6mm) gilt für alle Darstellungen
 Le jeu de 10 mm ((+1/-6mm)) fonctionne pour les toutes les situations représentées
 Bottom gap 10 mm (+1/-6mm) applies for all figures



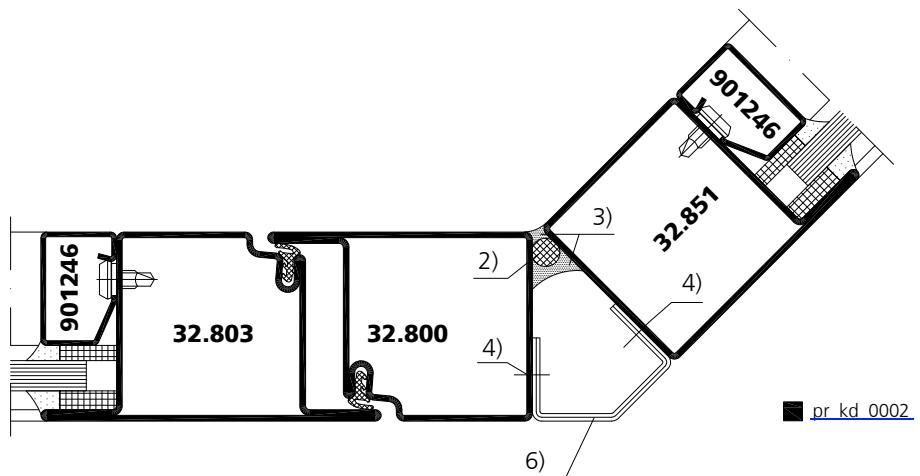
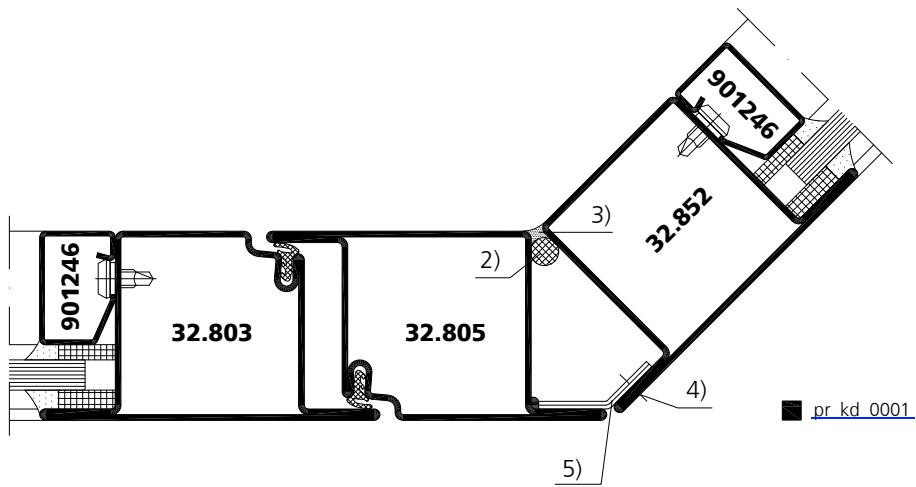
Konstruktionsdetails
Sockel

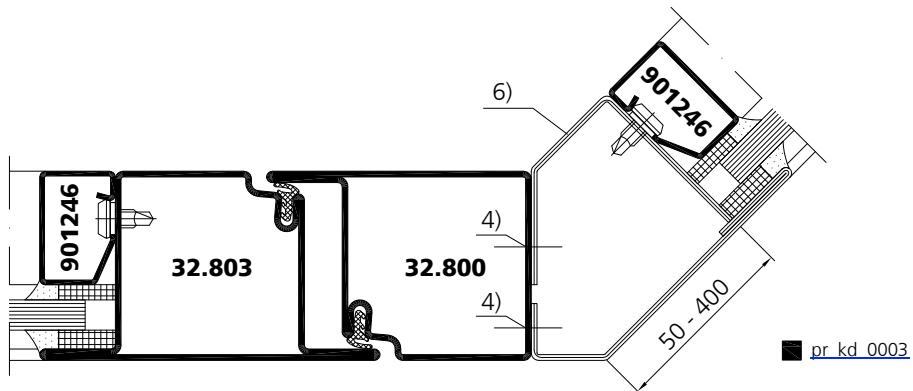
Détails de construction
Socle

Construction details
Bottom



- * Bei Anwendung im Brandschutz
Application pour pare-flammes
Application for fire protection (check with your country representative)

Konstruktionsdetails**Détails de construction****Construction details**

Konstruktionsdetails**Détails de construction****Construction details****Eckausbildung 90° bis 180°**

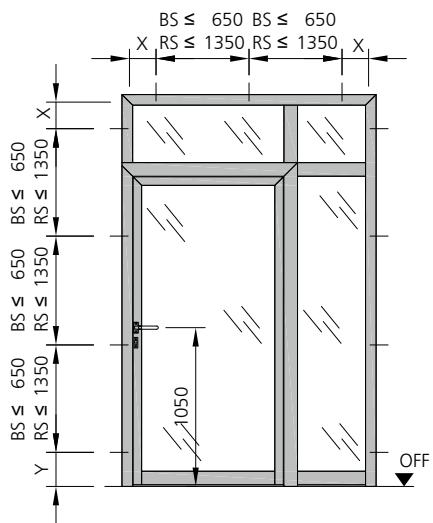
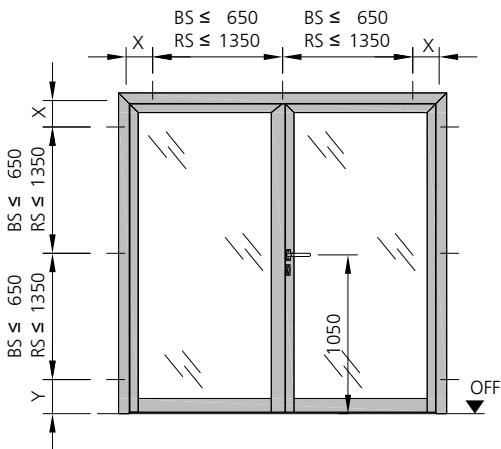
- 2) Füllmaterial
z.B. Fugenschnur
- 3) Dichtmaterial
wahlweise Standard-Silikon, Acryl
oder PU
- 4) Befestigungsmittel
wahlweise geschraubt oder geschweisst,
metrische Gewindeschraube mit
Einnietmutter,
Blechschraube
Abstände (Ecke) 75 mm / ≤ 300 mm
- 5) Blech 2 - 4 mm, Stahl oder Edelstahl,
Form freibleibend
- 6) Blech 1.5 - 2 mm, Stahl oder Edelstahl,
Form freibleibend

**Le type d'exécution de l'angle
de 90° à 180°**

- 2) Produit de remplissage
par ex. un cordon de joint
- 3) Produit d'étanchéité
Au choix silicone standard, PU ou
acrylique
- 4) Élément de fixation
au choix visées ou soudées
Vis métrique avec rivet taraudé
Vis à tête
Distances (coin) 75 mm / ≤ 300 mm
- 5) Tôle 2 - 4 mm, acier ou acier inox
forme sans engagement
- 6) Tôle 1.5 - 2 mm, acier ou acier inox
forme sans engagement

Corner design from 90° to 180°

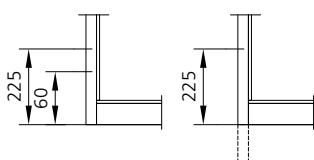
- 2) Filling material
e.g. joint cord
- 3) Sealing material
Either standard-silicone, acrylic or PU
- 4) Means or fastening
either screw fastened or welded
metric tapping screw with clinch nut
Sheet metal screw
Distances (corner) 75 mm / ≤ 300 mm
- 5) Sheet 2 - 4 mm, steel and stainless steel
shap without engagement
- 6) Sheet 1.5 - 2 mm, steel and stainless steel
shap without engagement

Befestigungspunkte**Points de fixation****Fixing points**

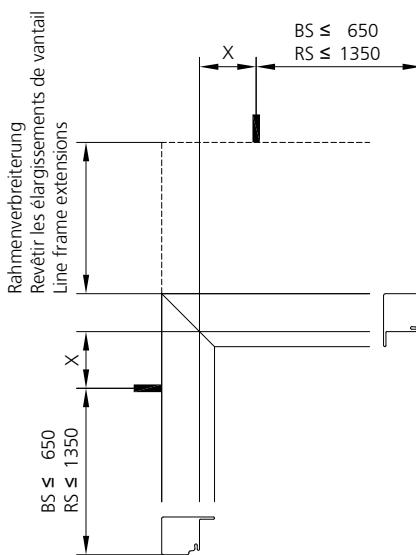
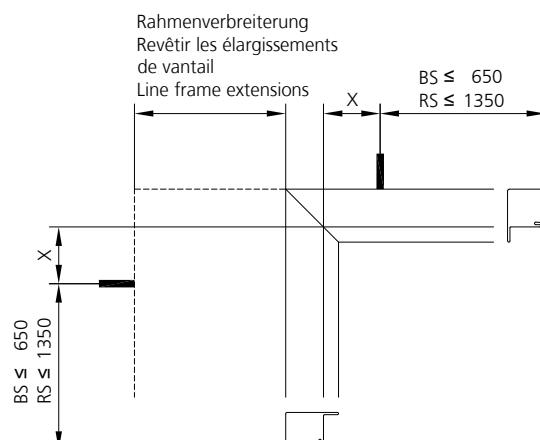
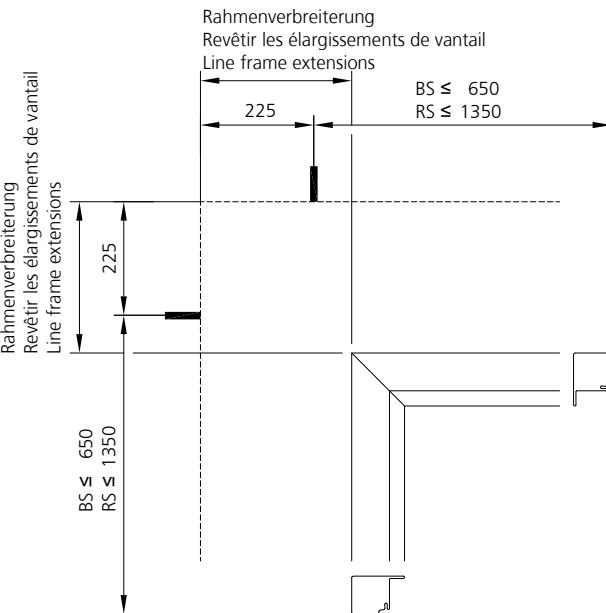
BS = Brandschutz
Coupe-feu
Fire protection

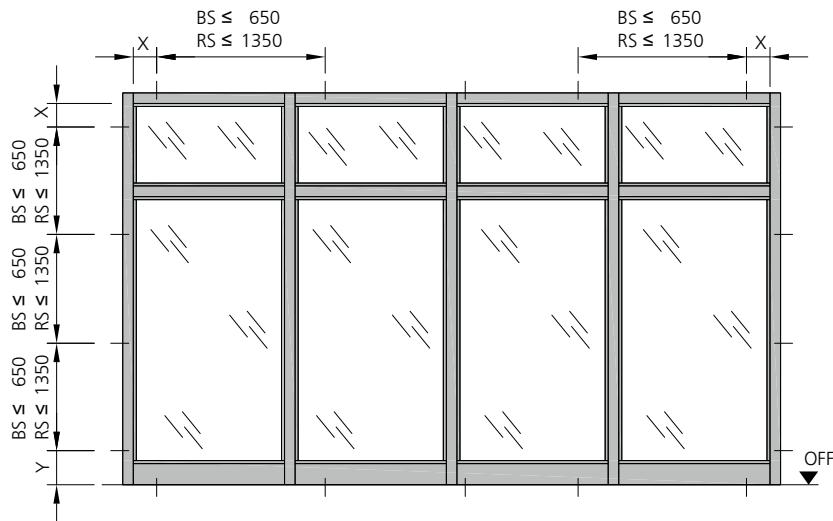
RS = Rauchschutz
Pare-flamm
Smoke protection

Mass Y
Dimension Y
Dimension Y = $225 \pm 20 / 60 \pm 20$



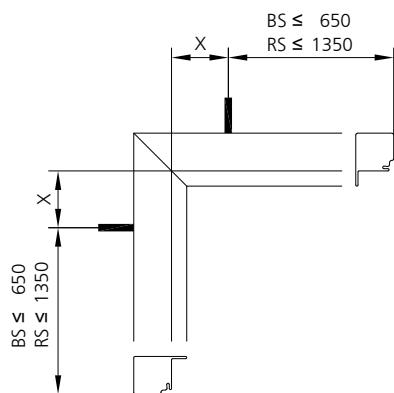
Mass X
Dimension X
Dimension X = 75 ± 20



Befestigungspunkte**Points de fixation****Fixing points**

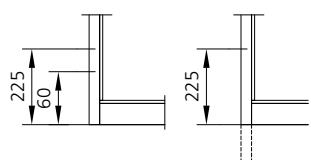
BS = Brandschutz
Coupe-feu
Fire protection

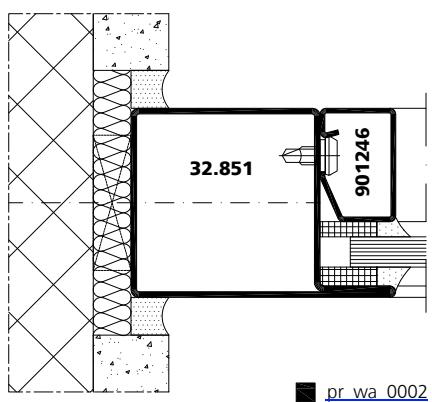
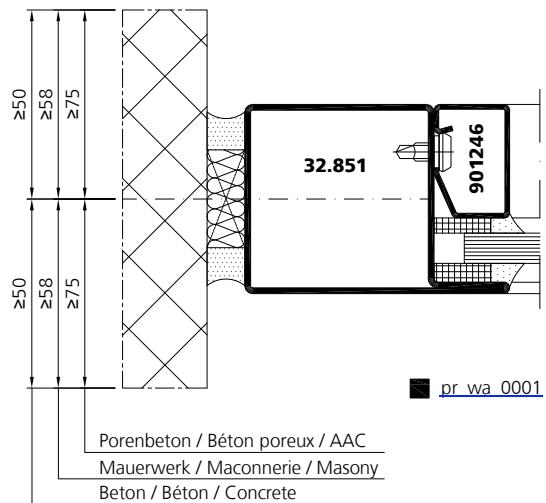
RS = Rauchschutz
Pare-flamm
Smoke protection

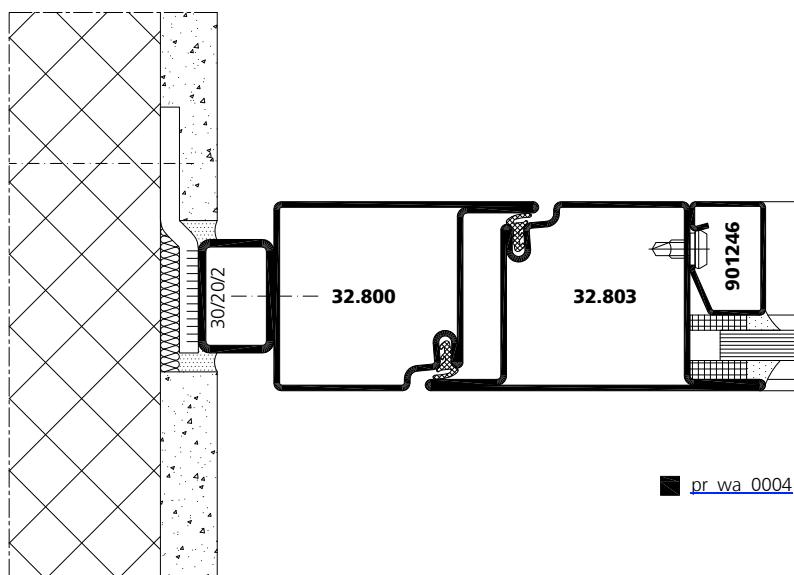
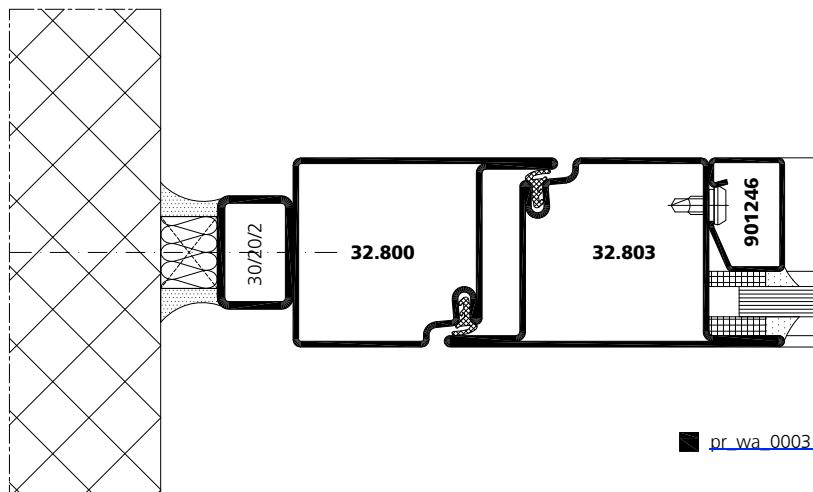


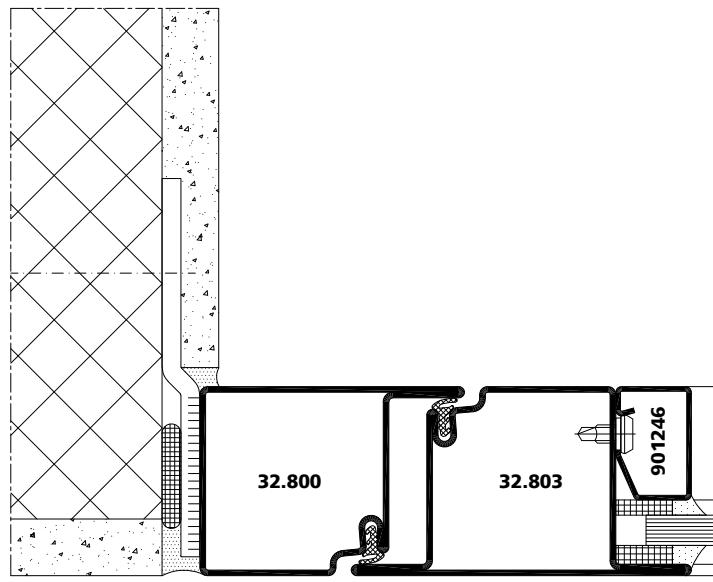
Mass X
Dimension X
Dimension X = 75 ± 20

Mass Y
Dimension Y
Dimension Y = $225 \pm 20 / 60 \pm 20$

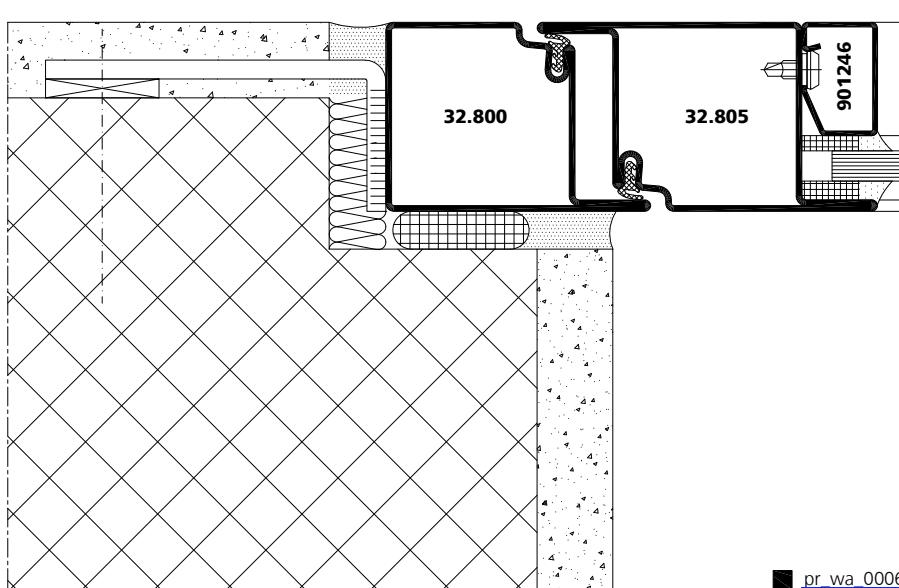


Wandanschlüsse**Raccords muraux****Wall abutments**

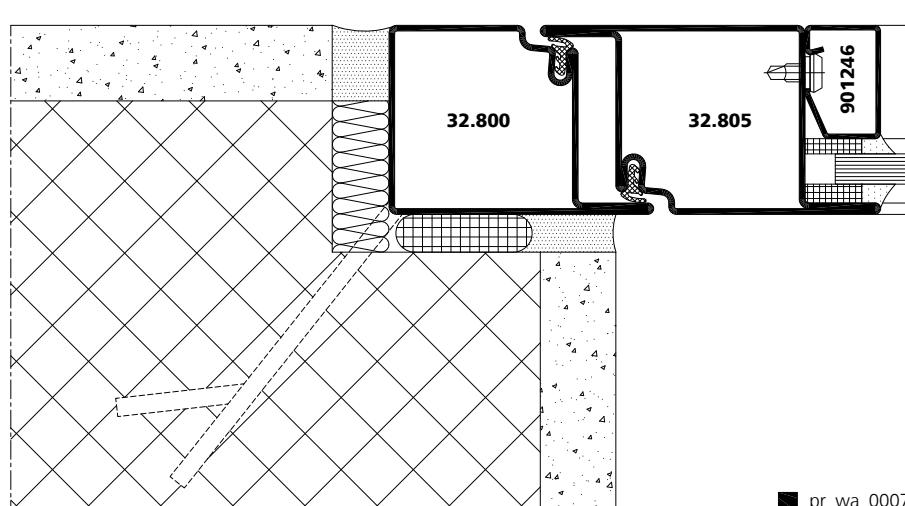
Wandanschlüsse**Raccords muraux****Wall abutments**

Wandanschlüsse**Raccords muraux****Wall abutments**

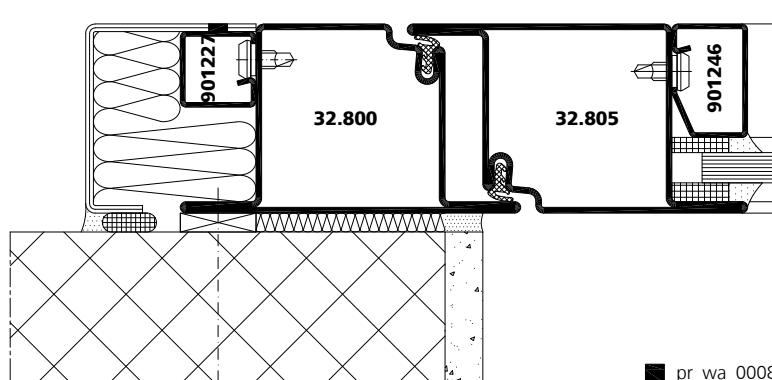
■ pr wa 0005



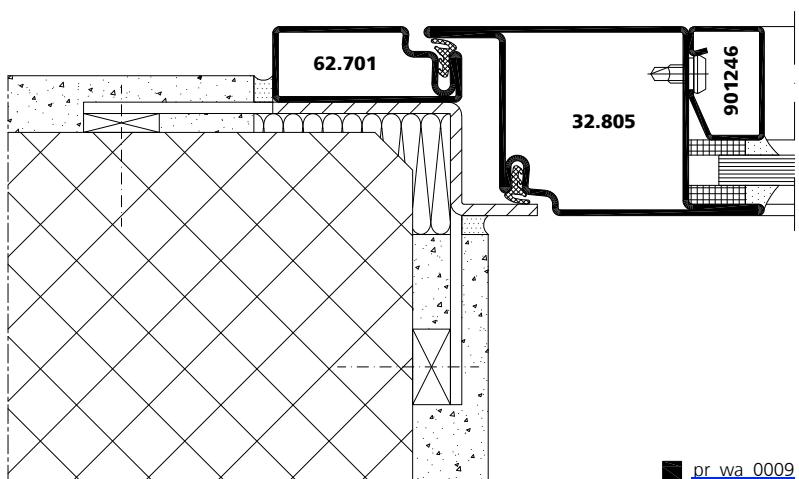
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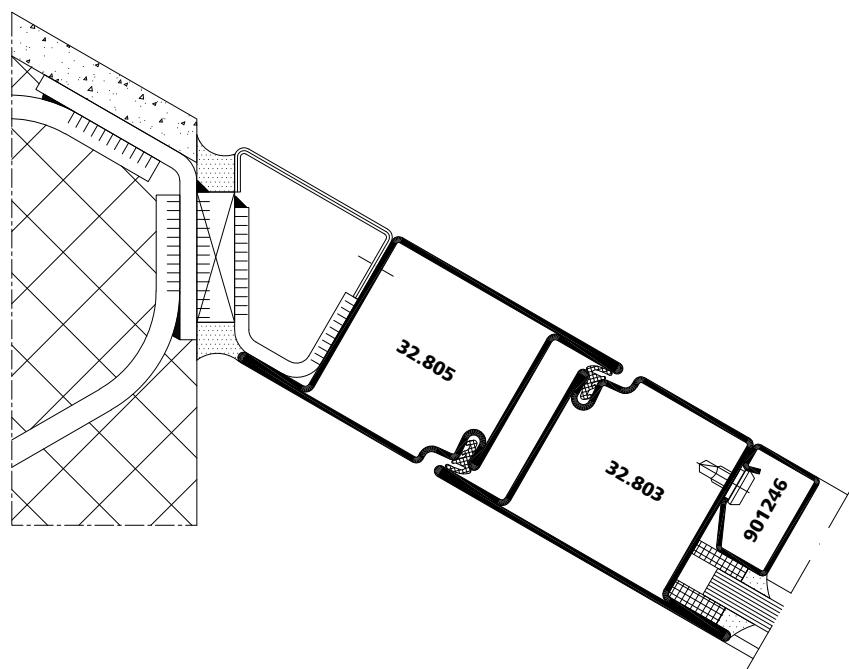
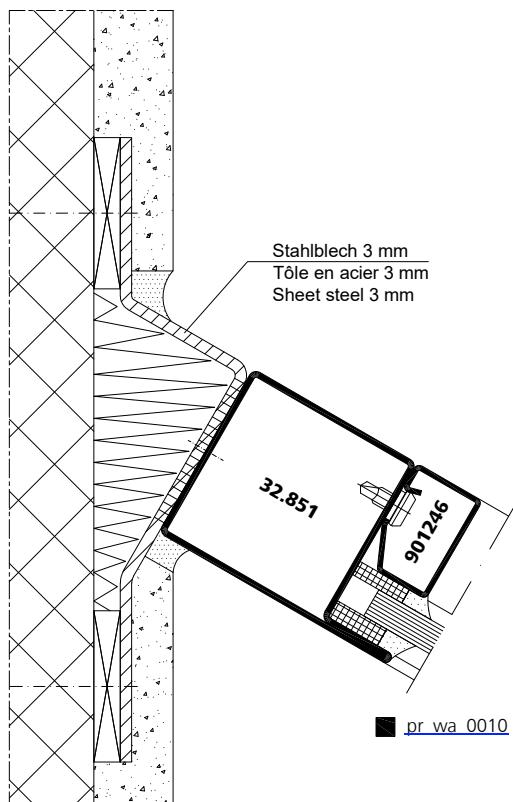
Wandanschlüsse**Raccords muraux****Wall abutments**

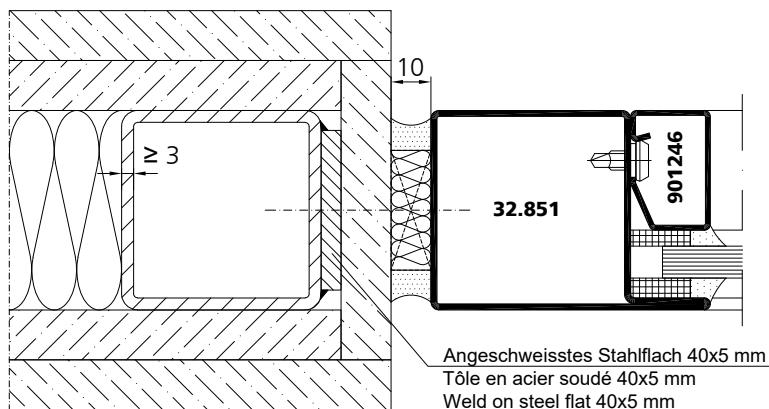
pr_wa_0007



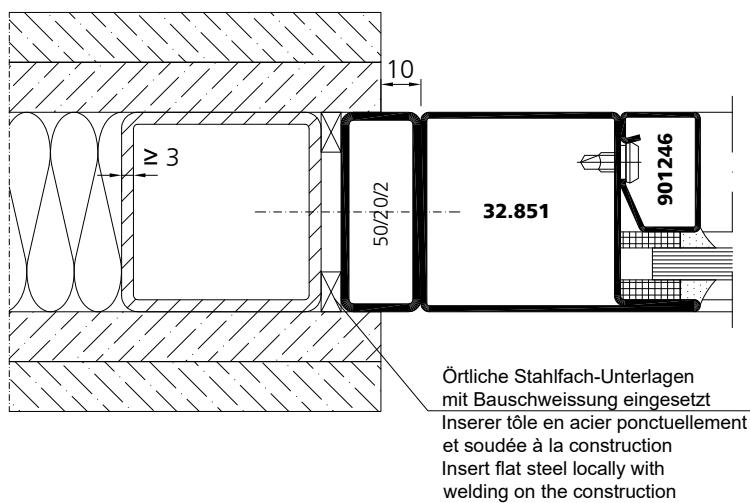
pr_wa_0008

Wandanschlüsse**Raccords muraux****Wall abutments**

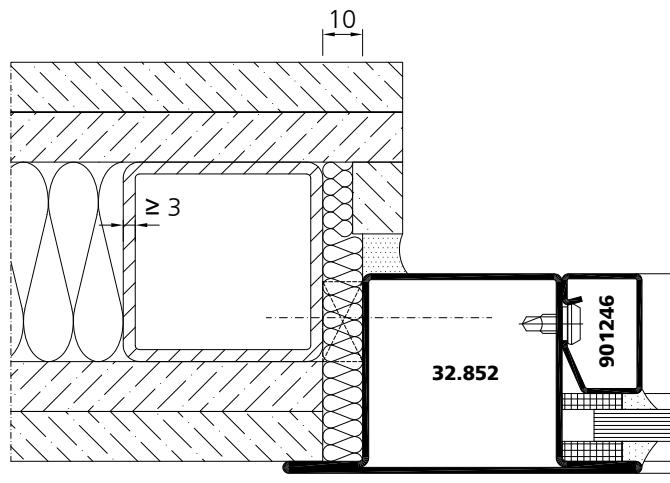
Wandanschlüsse**Raccords muraux****Wall abutments**

Wandanschlüsse**Raccords muraux****Wall abutments**

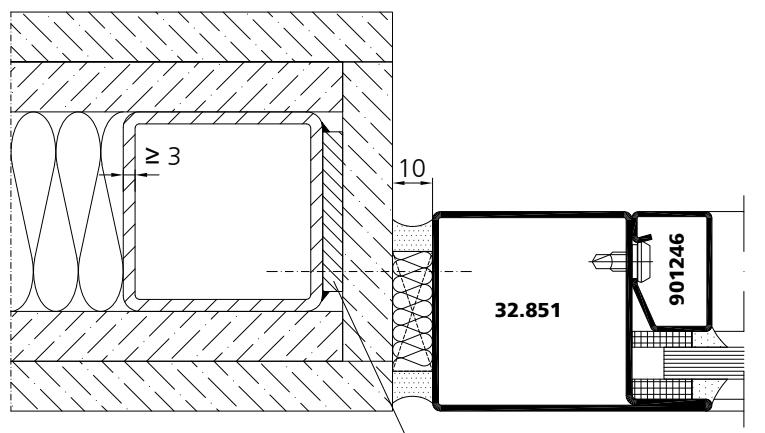
pr_wa_0012



pr_wa_0013

Wandanschlüsse**Raccords muraux****Wall abutments**

[pr_wa_0014](#)



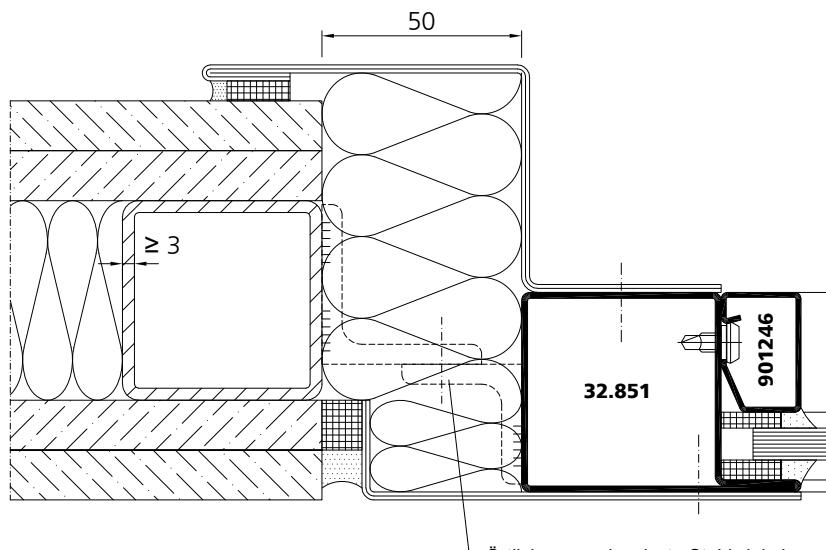
Angeschweisstes Stahlflach 40x5 mm
Tôle en acier soudé 40x5 mm
Weld on steel flat 40x5 mm

[pr_wa_0015](#)

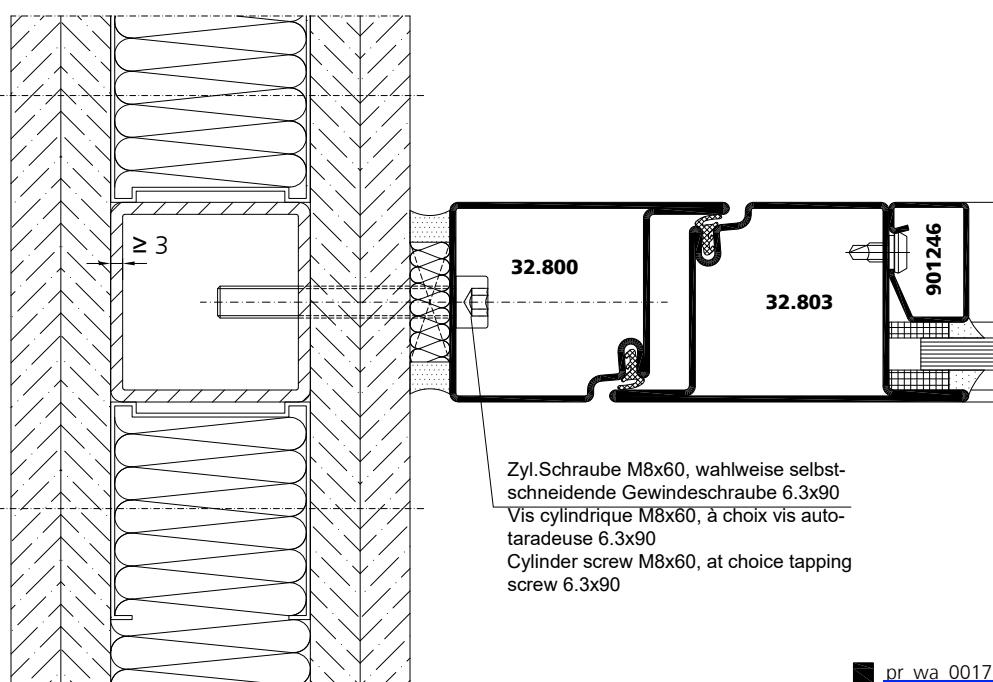
Wandanschlüsse

Raccords muraux

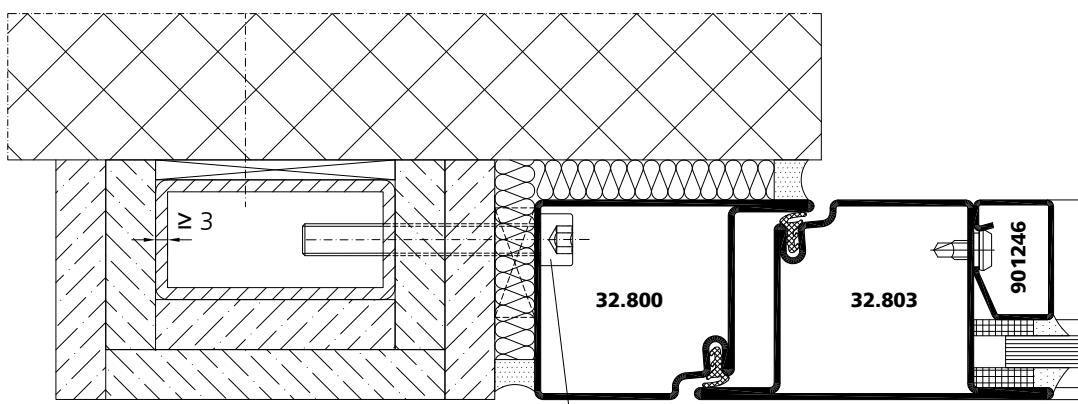
Wall abutments



■ pr wa 0016



■ pr wa 0017

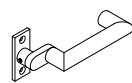
Wandanschlüsse**Raccords muraux****Wall abutments**

Zyl.Schraube M8x60, wahlweise selbst-schneidende Gewindeschraube 6.3x90
Vis cylindrique M8x60, à choix vis auto-taradeuse 6.3x90
Cylinder screw M8x60, at choice tapping screw 6.3x90

pr wa_0018

**Durchgangsbreite bei 90°
Flügelöffnung**

Türdrücker
und -knopf
Poignée de porte
et Bouton de porte
Door handle
and -knob



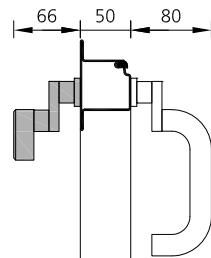
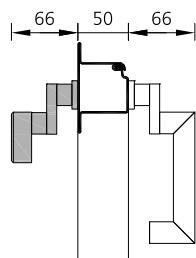
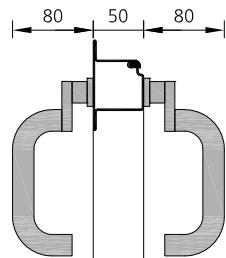
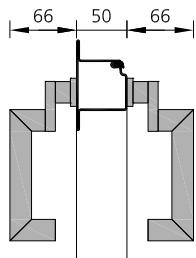
907326



907327



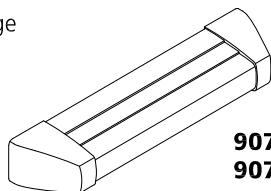
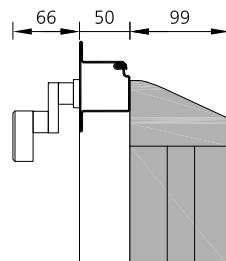
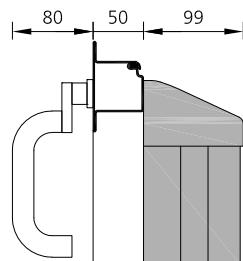
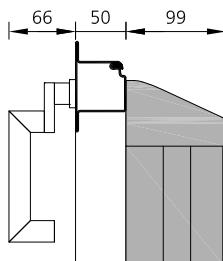
907329



Antipanik-Druckstange
Pushbar anti-panique
Anti-panic touch-bar



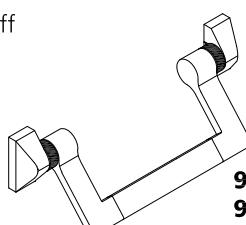
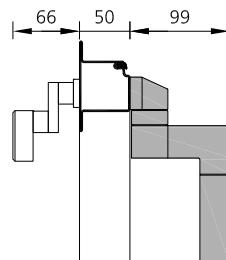
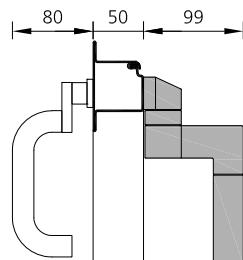
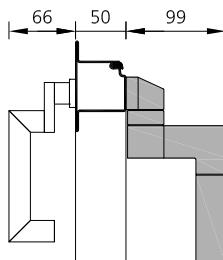
EN 1125

907360 - 907364
907300 - 907304

Antipanik-Stangengriff
Barre anti-panique
Anti-panic push-bar

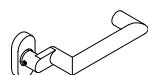


EN 1125

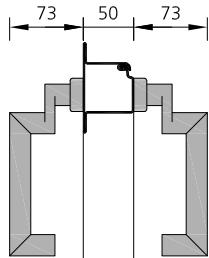
907343
907345

**Durchgangsbreite bei 90°
Flügelöffnung**

Türdrücker
und -knopf
Poignée de porte
et Bouton de porte
Door handle
and -knob



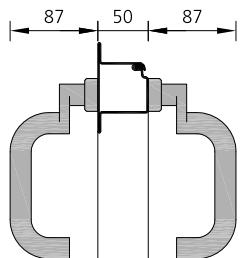
907351



**Passage avec une ouverture
de vantail de 90°**



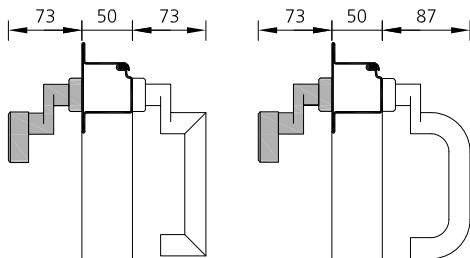
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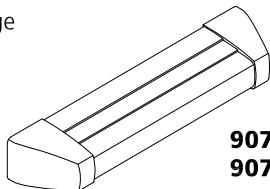
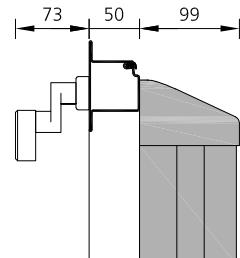
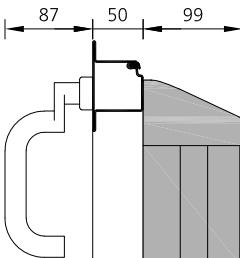
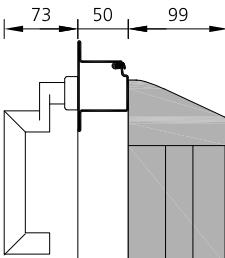
**Inside width with 90° leaf
opening**



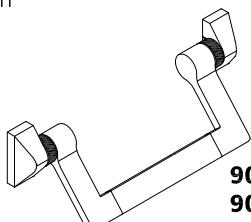
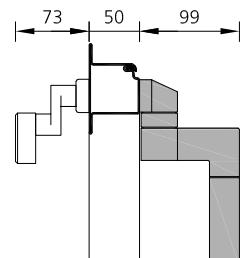
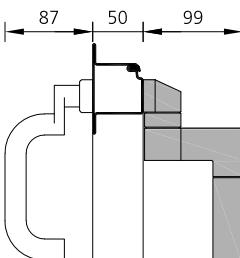
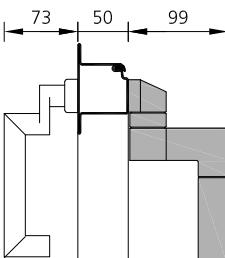
907356



Antipanik-Druckstange
Pushbar anti-panique
Anti-panic touch-bar

907360 - 907364
907300 - 907304

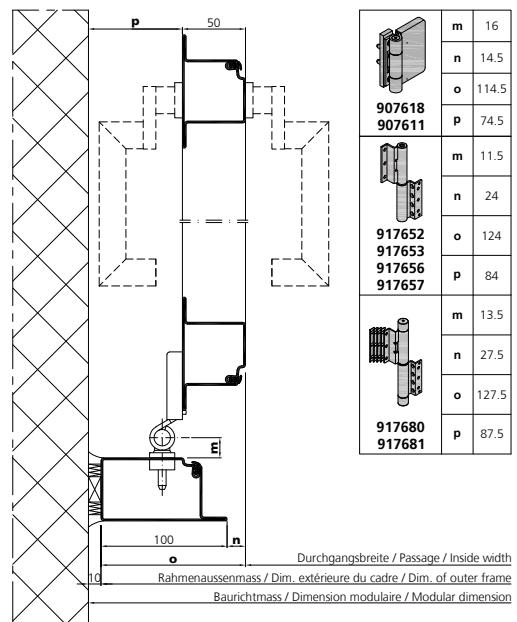
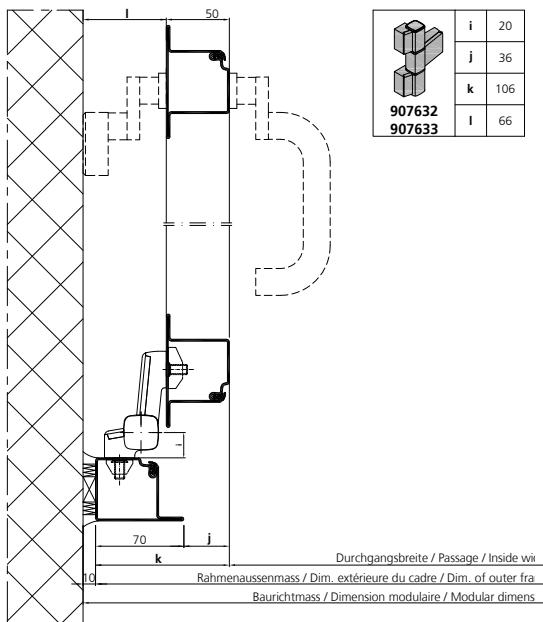
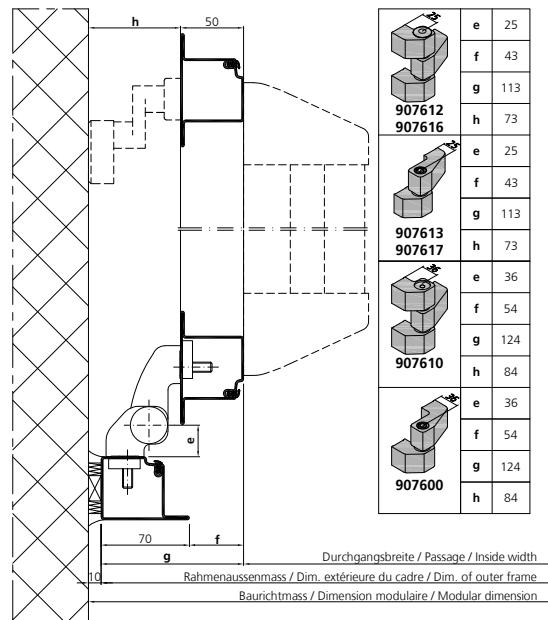
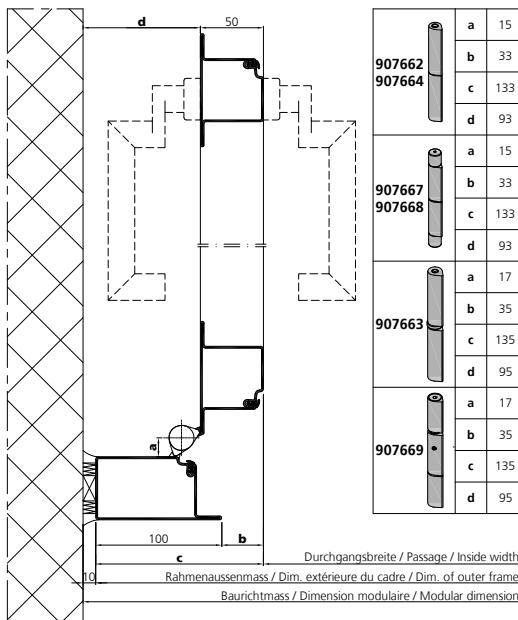
Antipanik-Stangengriff
Barre anti-panique
Anti-panic push-bar

907343
907345

**Durchgangsbreite bei 90°
Flügelöffnung**

**Passage avec une ouverture
de vantail de 90°**

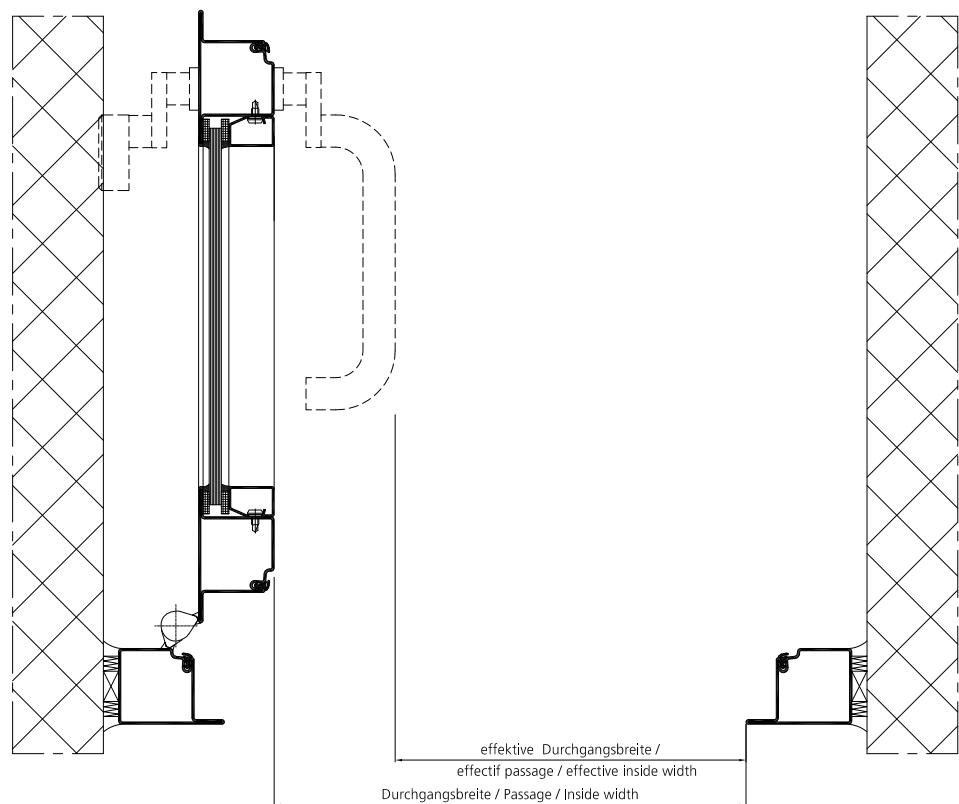
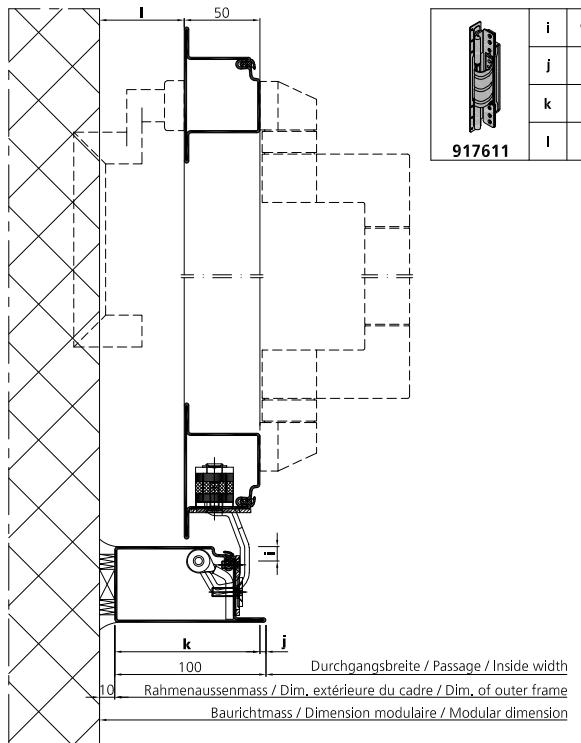
**Inside width with 90° leaf
opening**



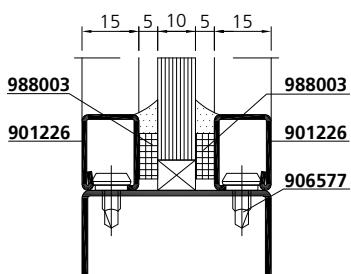
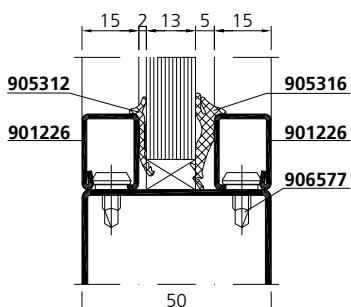
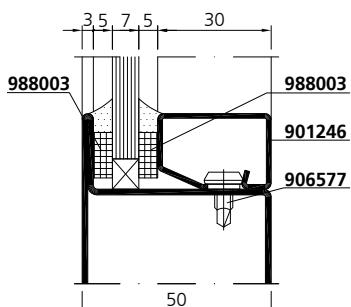
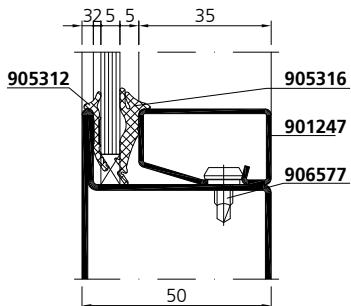
**Durchgangsbreite bei 90°
Flügelöffnung**

**Passage avec une ouverture
de vantail de 90°**

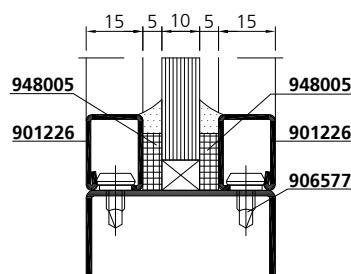
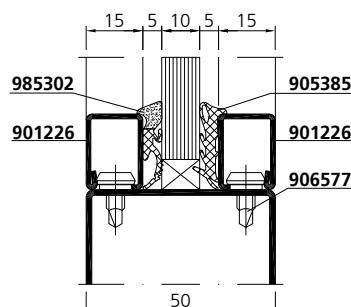
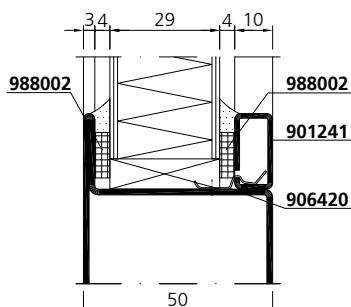
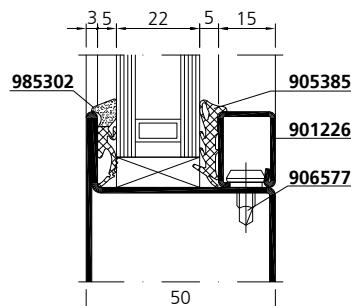
**Inside width with 90° leaf
opening**



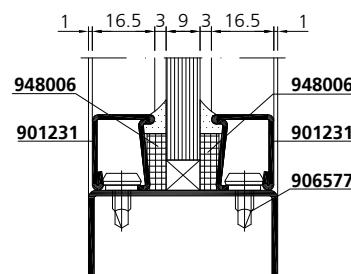
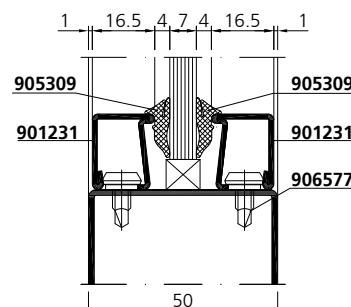
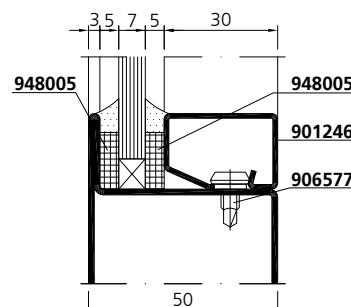
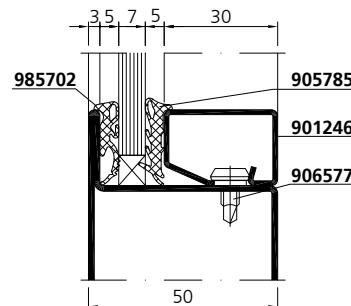
Verglasungsvarianten
Glashalteleisten Stahl



Variantes de vitrages
Parcloses en acier

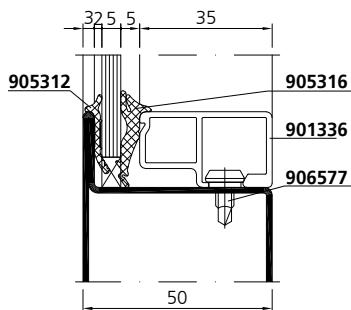


Alternative glazing versions
Glazing beads in steel

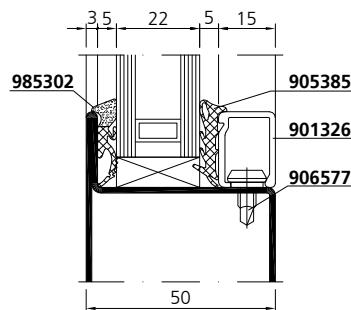


Verglasungsvarianten

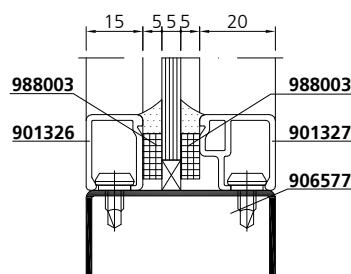
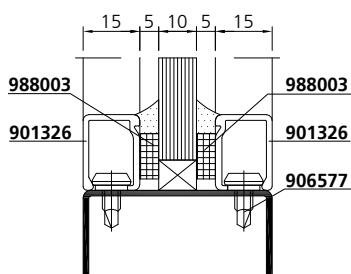
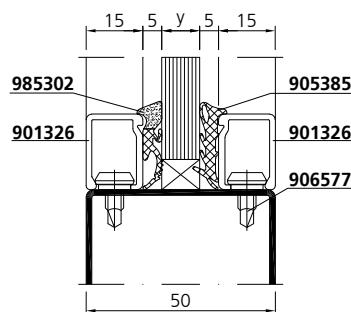
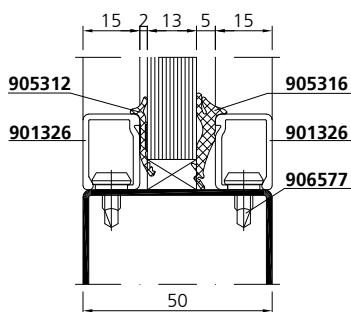
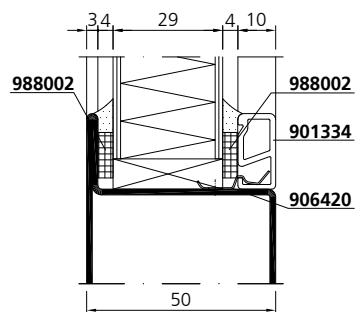
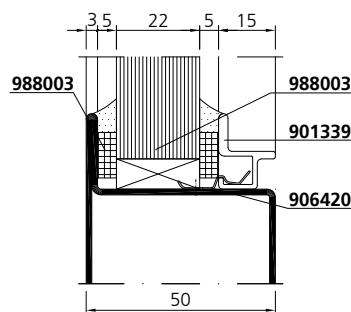
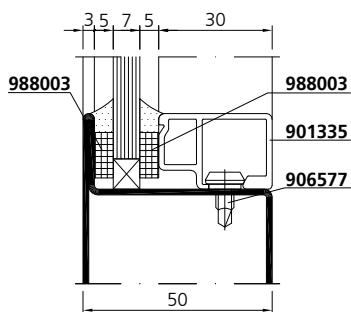
Glashalteleisten Aluminium
(Nicht für Brandschutzverglasungen)

**Variantes de vitrages**

Parcloses en aluminium (non approprié pour vitrage pare-flammes)

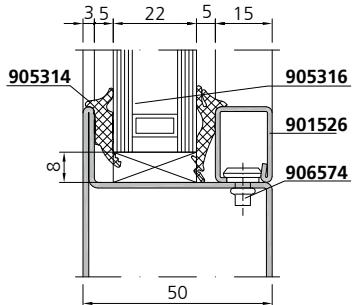
**Alternative glazing versions**

Glazing beads in aluminium
(Not suitable for fire protection glazing)



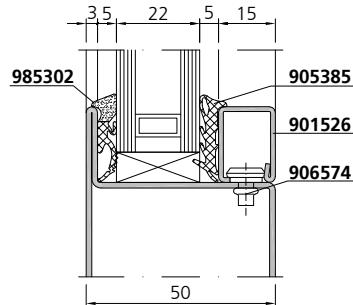
Verglasungsvarianten

Glashalteleisten Edelstahl



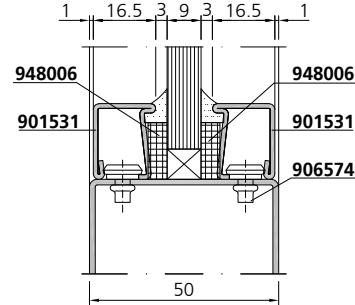
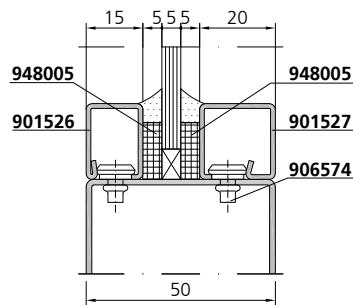
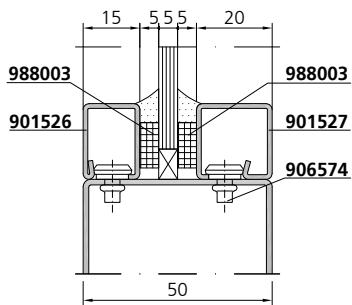
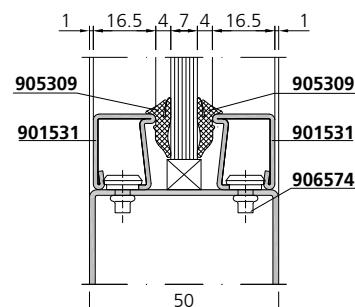
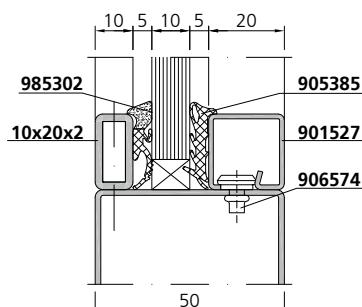
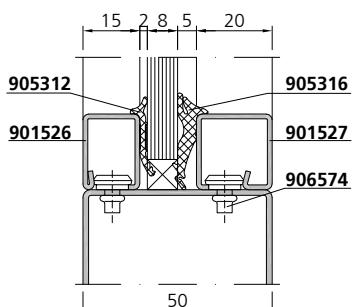
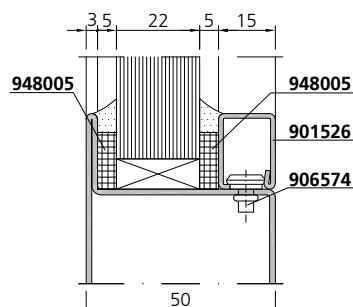
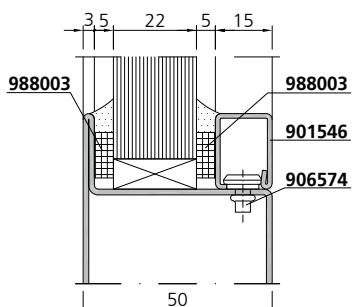
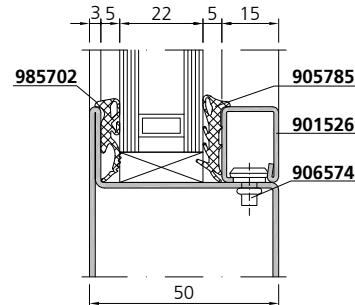
Variantes de vitrages

Parcloses en acier inox



Alternative glazing versions

Glazing beads in stainless steel



Das System auf einen Blick**Le système en un coup d'œil****The system at a glance****Ausgangsmaterial**

- Stahl blank
- Stahl ZM (Zink Magnesium)

Abmessungen

- Schmalste Profilquerschnitte:
Kastenbreite 20 / 50 mm
- Blendrahmen-/Flügelmaß ab 132 mm
- Bautiefe Flügel und Rahmen 60 mm,
flächenbündig
- Wandstärke 1,5 und 2,0 mm

Öffnungsarten

- Anschlagtüren nach innen und nach aussen öffnend
- Antipaniktüren

Schloss und Beschlag

- Auf das System abgestimmte Beschläge, auch für Fluchttüren nach EN 179 und EN 1125
- Elegante Edelstahl-Griffgarnituren und schlanke Rollentürbänder
- Integrierte, unsichtbare Türschließsysteme
- 1 Mio. Zylen geprüft nach EN 1191

Schutz und Sicherheit

- CE-Kennzeichnung nach EN 16034 Brand- und Rauchschutz und Kombinationen
- CE-Kennzeichnung nach EN 14351-1
- Brandschutzverglasungen
- Einbruchhemmende Türen RC3

Verarbeitung

- Äußerst wirtschaftliche Fertigung ohne Sondereinrichtung

Länderspezifische Zulassungen beachten!

Matériaux de base

- Acier brut
- Acier ZM (zinc-magnésium)

Dimensions

- Finesse des profilés :
largeur des corps 20 / 50 mm
- Dimensions du cadre dormant / vantail à partir de 132 mm
- Profondeur du vantail et dormant de 60 mm, affleuré
- Épaisseur 1,5 et 2,0 mm

Genres d'ouvertures

- Portes à battues ouvrant vers l'intérieur et vers l'extérieur
- Portes anti-panique

Serrures et quincailleries

- Quincailleries harmonisées au système, aussi pour portes de secours selon EN 179 et EN 1125
- Garnitures de poignées en acier inox aux formes élégantes et paumeilles de portes élancées
- Systèmes de ferme-portes intégrés et cachés
- 1 million de cycles selon EN 1191 vérifié

Protection et sécurité

- Marquage CE selon EN 16034 Coupe-feu et pare-fumée et combinaisons
- Marquage CE selon EN 14351-1
- Cloison coupe-feu
- Portes anti-effraction RC3

Finitions

- Fabrication extrêmement économique sans outillage spécial

Respecter les homologations valables dans votre pays!

Base material

- Steel, bright
- Steel ZM (zinc-magnesium)

Dimensions

- Extremely slim profile cross-sections:
box width 20 / 50 mm
- Outer frame / leaf size from 132 mm
- Structural depth leaf and frame 60 mm, flush-fitting
- Wall thickness 1,5 and 2,0 mm

Types of openings

- Leaf doors opening inwards and outwards
- Panic version door

Locks and Fittings

- Fittings to match the system, also for emergency doors according to EN 179 and EN 1125
- Attractively shaped stainless steel handles set and slender roller door hinges
- Concealed and integrated door closing systems
- 1 million cycles according to EN 1191 tested

Protection and safety

- CE-Marking according to EN 16034 fire and smoke protection and combinations
- CE-Marking according to EN 14351-1
- Fire resistant glazing
- Burglary resistant doors RC3

Processing

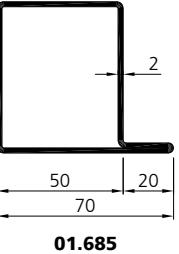
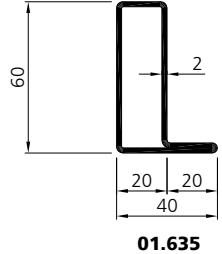
- Extremely economical manufacture with no special machinery needed.

Take note of the country-specific approvals!

Systemübersicht

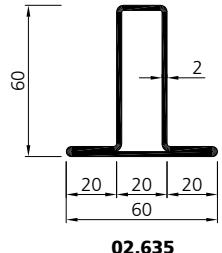
Tableau du système

Synopsis of system

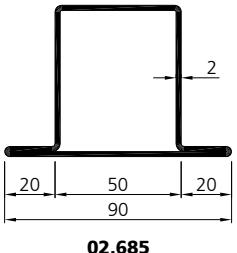


01.635

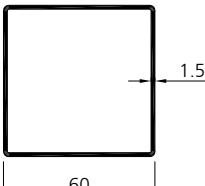
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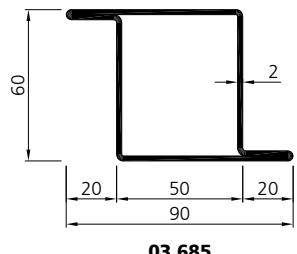
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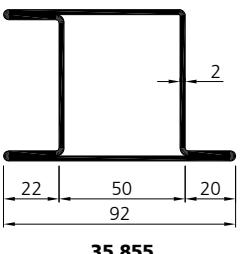
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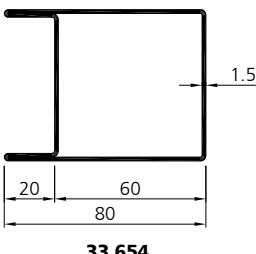
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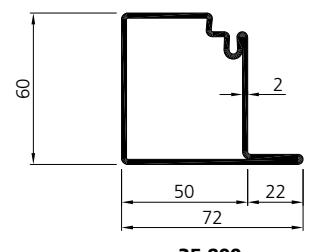
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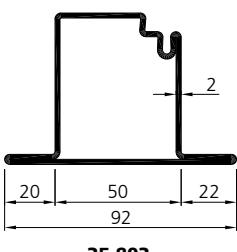
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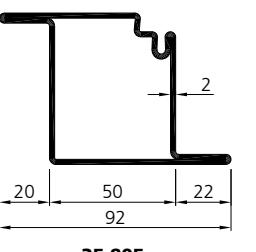
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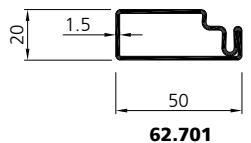
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35.803



35.805

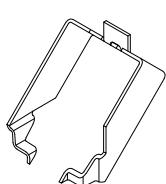
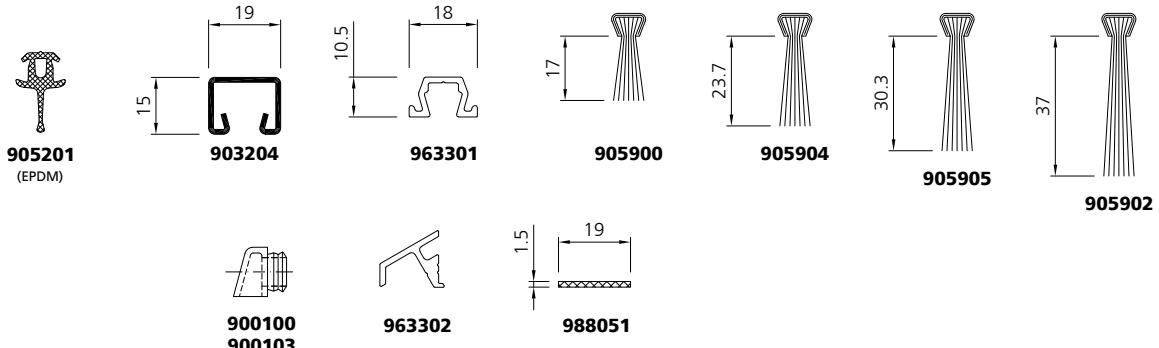
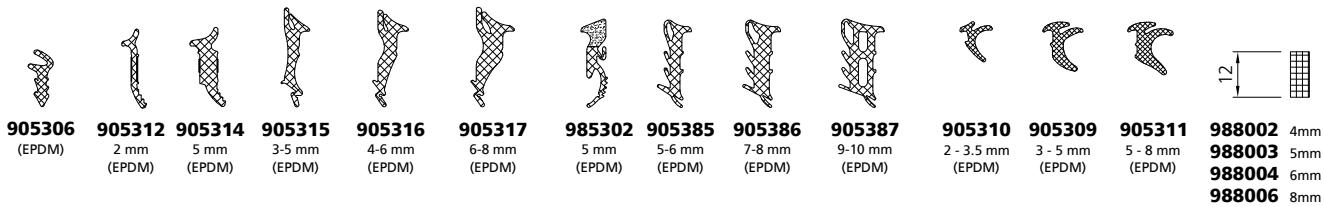
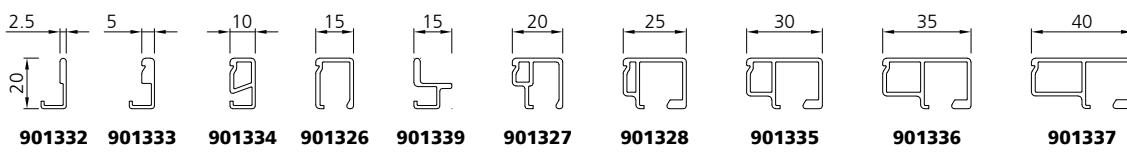
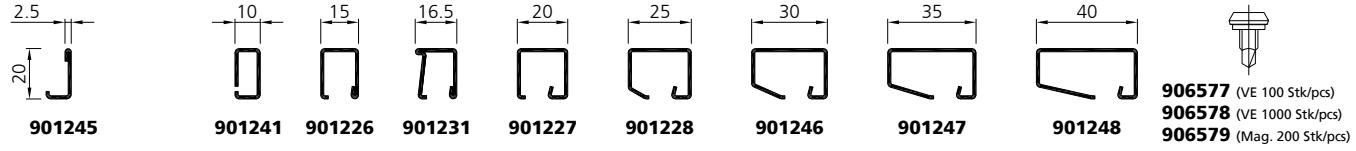


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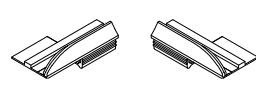
Systemübersicht

Tableau du système

Synopsis of system



916303, 916304
(Füllblech)
Pièce de remplissage
Filler piece



905703 905702
Dichtstück
Pièce d'étanchéité
Sealing piece



907062

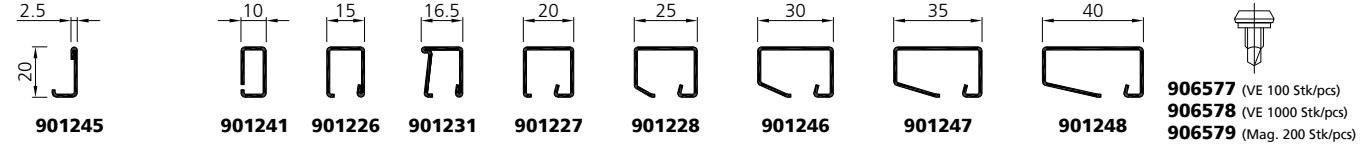


980101

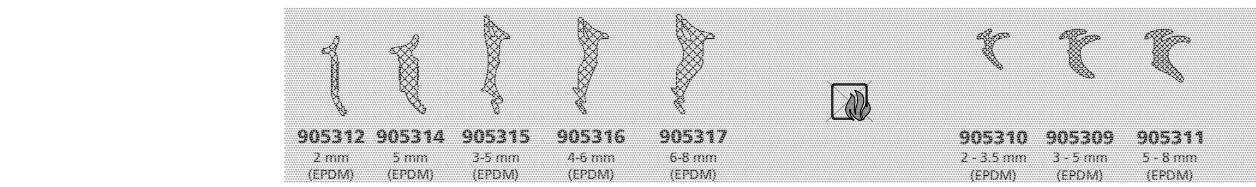
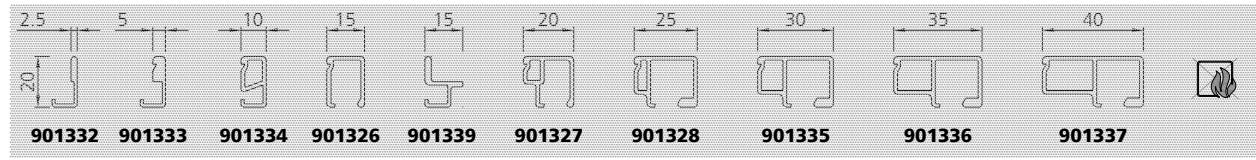
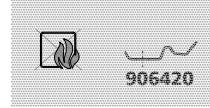
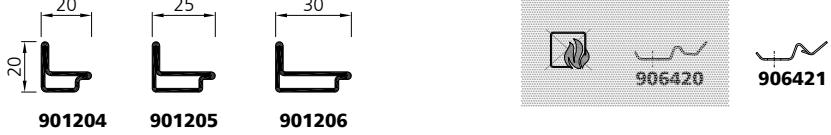
Systemübersicht

Tableau du système

Synopsis of system

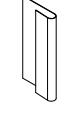
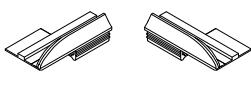
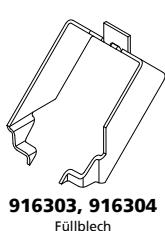
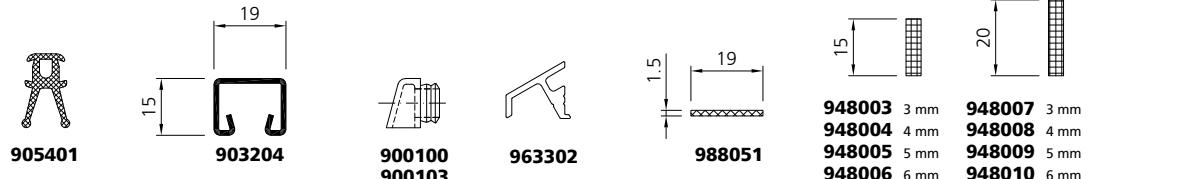
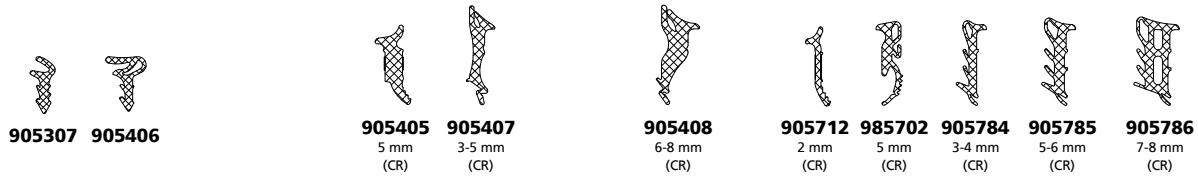


906577 (VE 100 Stk/pcs)
906578 (VE 1000 Stk/pcs)
906579 (Mag. 200 Stk/pcs)



905310 905309 905311

2 - 3.5 mm (EPDM) 3 - 5 mm (EPDM) 5 - 8 mm (EPDM)

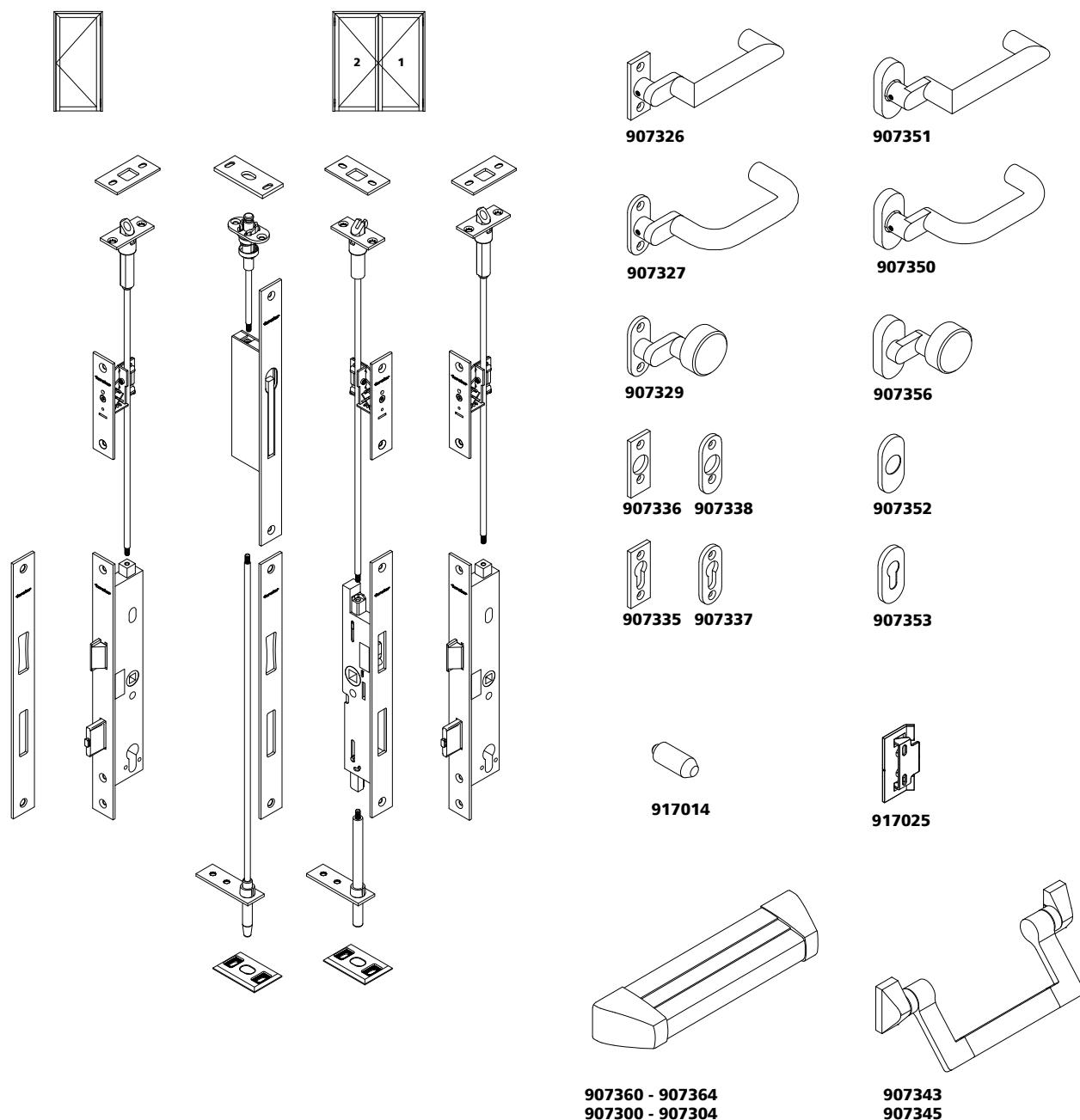
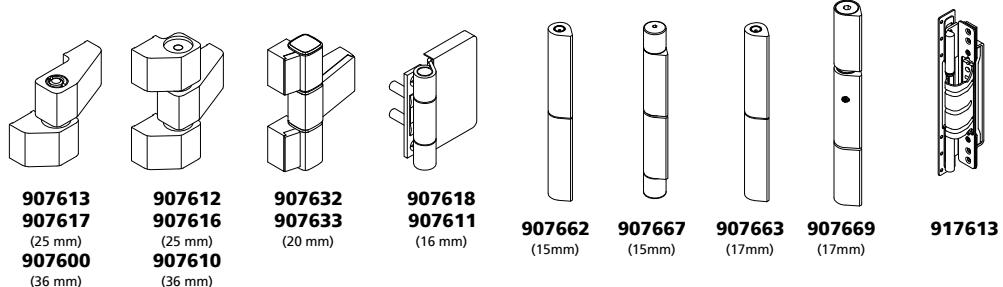


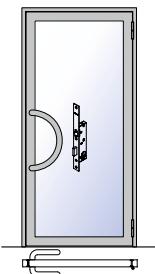
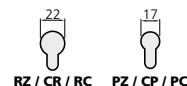
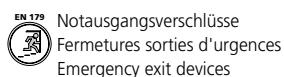
Für Brandschutz nicht zulässig /
pas autorisé pour coupe-feux /
not allowed for fire protection

Systemübersicht
Beschläge Tür

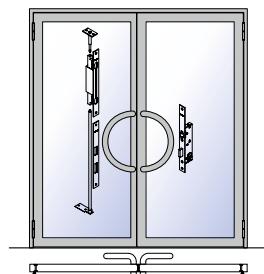
Tableau du système
Quincaillerie de porte

Synopsis of system
Door fittings

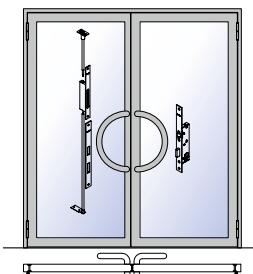


Übersicht Beschlageinbau**Disposition de la quincaillerie****Placement of fittings**

Rollfallenschloss
Serrure à rouleau
Roller latch lock



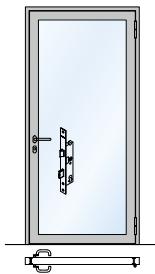
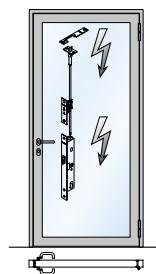
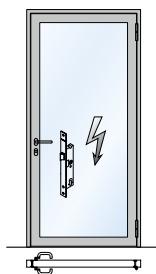
Rollfallenschloss
Serrure à rouleau
Roller latch lock



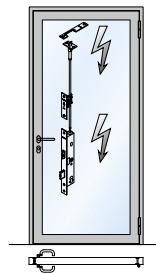
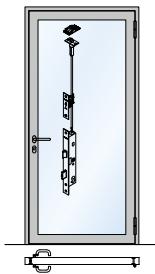
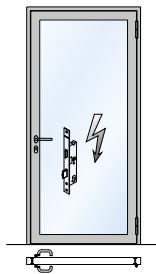
Rollfallenschloss
Serrure à rouleau
Roller latch lock



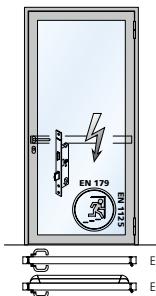
ohne Riegel
sans pêne
without dead bolt



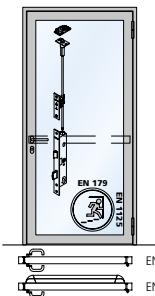
mit Riegel
avec pêne
with dead bolt



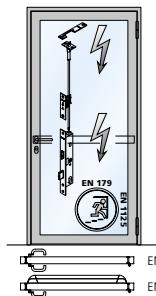
EN 179
EN 1125



EN 179
EN 1125



EN 179
EN 1125



EN 179
EN 1125

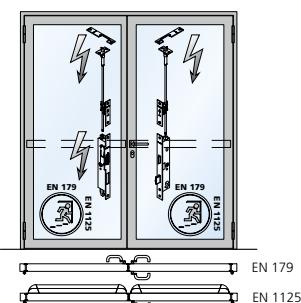
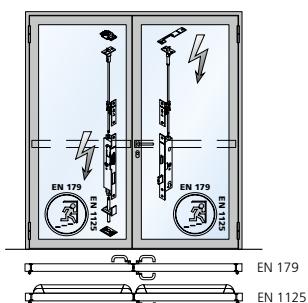
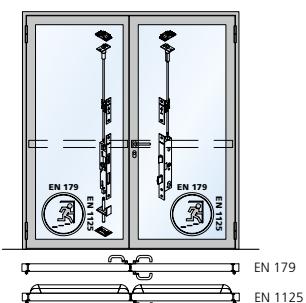
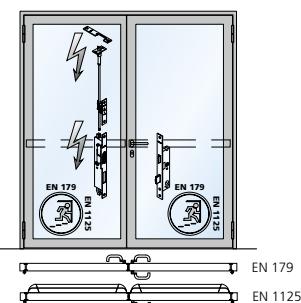
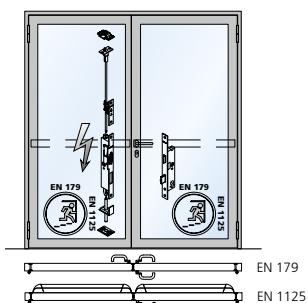
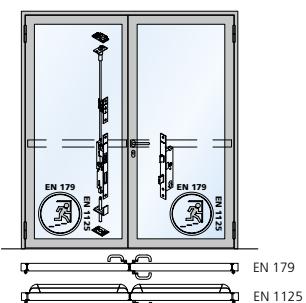
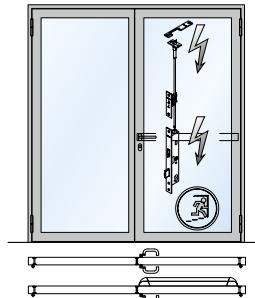
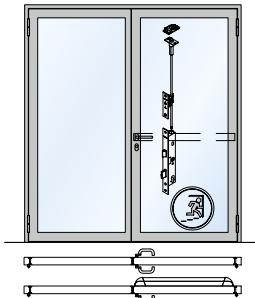
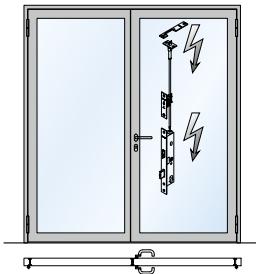
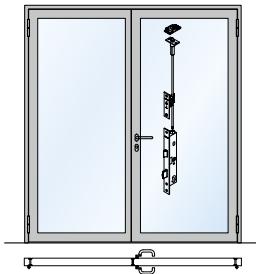
Übersicht Beschlageinbau**Disposition de la quincaillerie Placement of fittings**

 EN 179 Notausgangsverschlüsse
Fermetures sorties d'urgences
Emergency exit devices

 EN 179 Paniktürverschlüsse
Fermetures anti-paniques
Panic exit devices

 22 RZ / CR / RC PZ / CP / PC
 17

 E-Öffner
Ouverture électrique
Electric door opener



Übersicht Beschlageinbau**Disposition de la quincaillerie****Placement of fittings**

 EN 179 Notausgangsverschlüsse
Fermetures sorties d'urgences
Emergency exit devices

 Paniktürverschlüsse
Fermetures anti-paniques
Panic exit devices

22
RZ / CR / RC
PZ / CP / PC
17

 E-Öffner
Ouverture électrique
Electric door opener



Übersicht Beschlageinbau**Disposition de la quincaillerie****Placement of fittings**

EN 179
Notausgangsverschlüsse
Fermetures sorties d'urgences
Emergency exit devices



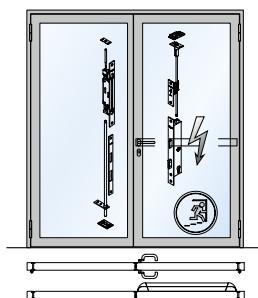
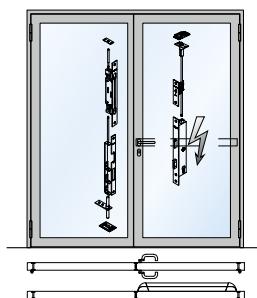
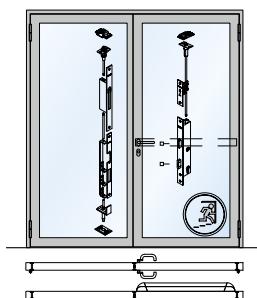
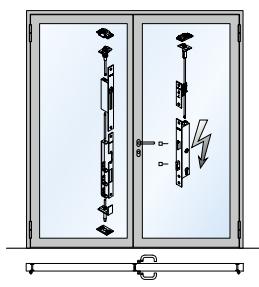
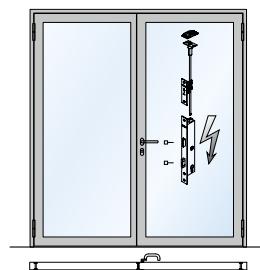
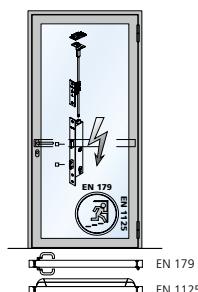
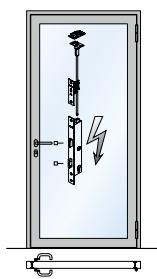
EN 1125
Paniktürverschlüsse
Fermetures anti-paniques
Panic exit devices



RZ / CR / RC



E-Öffner
Ouverture électrique
Electric door opener

2-Fallenschloss – Serrure à 2 becs de cane – 2-point latch lock

Übersicht Systempläne

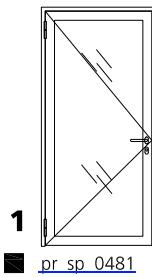
- 1** einflügelige Tür
- 2** • mit Seitenteil
- 3** • mit zwei Seitenteilen
- 4** • mit Oberlicht
- 5** • mit Oberlicht und Seitenteil
- 6** • mit Oberlicht und zwei Seitenteilen
- 7** zweiflügelige Tür
- 8** • mit Seitenteil
- 9** • mit zwei Seitenteilen
- 10** • mit Oberlicht
- 11** • mit Oberlicht und Seitenteil
- 12** • mit Oberlicht und zwei Seitenteilen
- 13** Festverglasung

Tableau des plans du système Synopsis of system plans

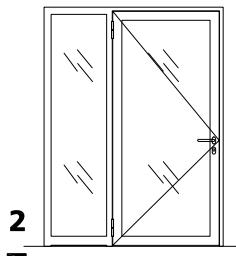
- | | |
|--|--|
| porte à un vantail | single-leaved door |
| • avec partie latérale fixe | • with screen abutment |
| • avec deux parties latérales fixes | • with 2 screen abutments |
| • avec imposte | • with fanlight |
| • avec imposte et partie latérale fixe | • with fanlight and screen abutment |
| • avec imposte et deux parties latérales fixes | • with fanlight and 2 screen abutments |
| porte à deux vantaux | double-leaved door |
| • avec partie latérale fixe | • with screen abutment |
| • avec deux parties latérales fixes | • with 2 screen abutments |
| • avec imposte | • with fanlight |
| • avec imposte et partie latérale fixe | • with fanlight and screen abutment |
| • avec imposte et deux parties latérales fixes | • with fanlight and 2 screen abutments |
| vitrage fixe | fixed glazing |



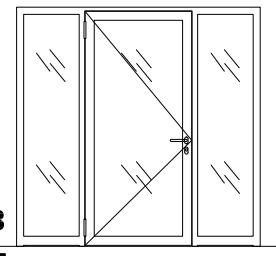
Stahl / Acier / steel



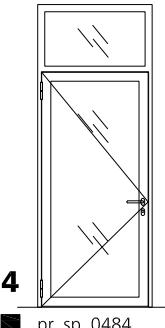
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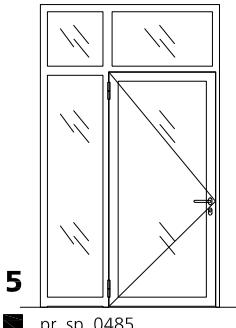
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pr_sp_0482



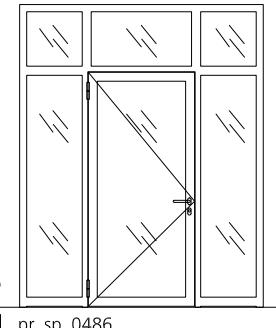
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pr_sp_0483



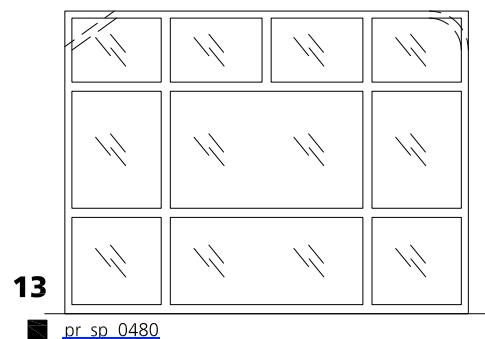
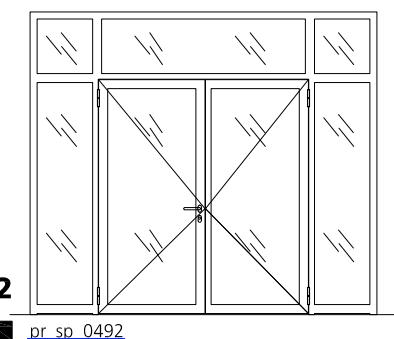
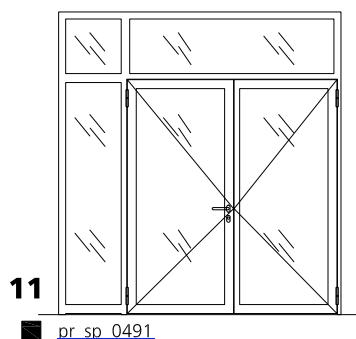
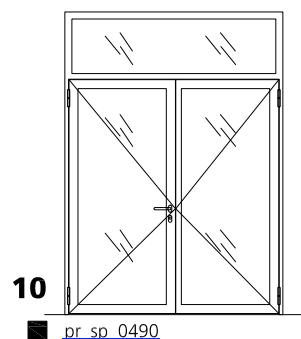
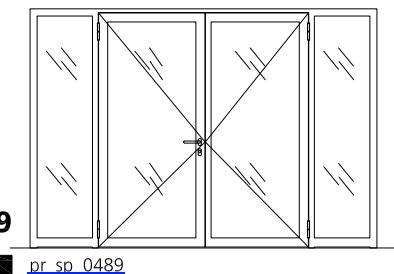
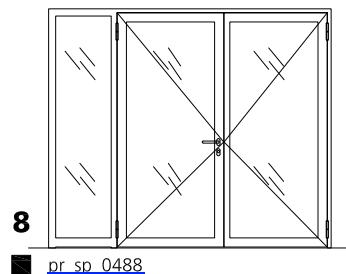
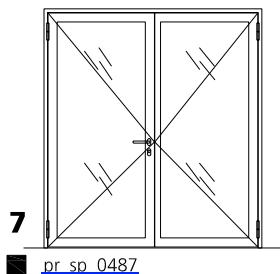
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pr_sp_0484



5
pr_sp_0485

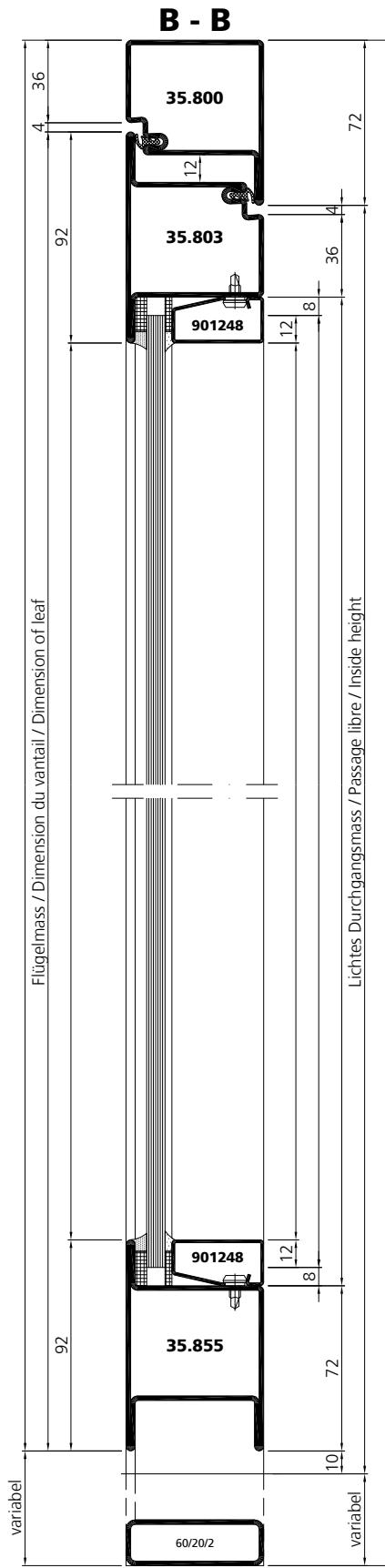
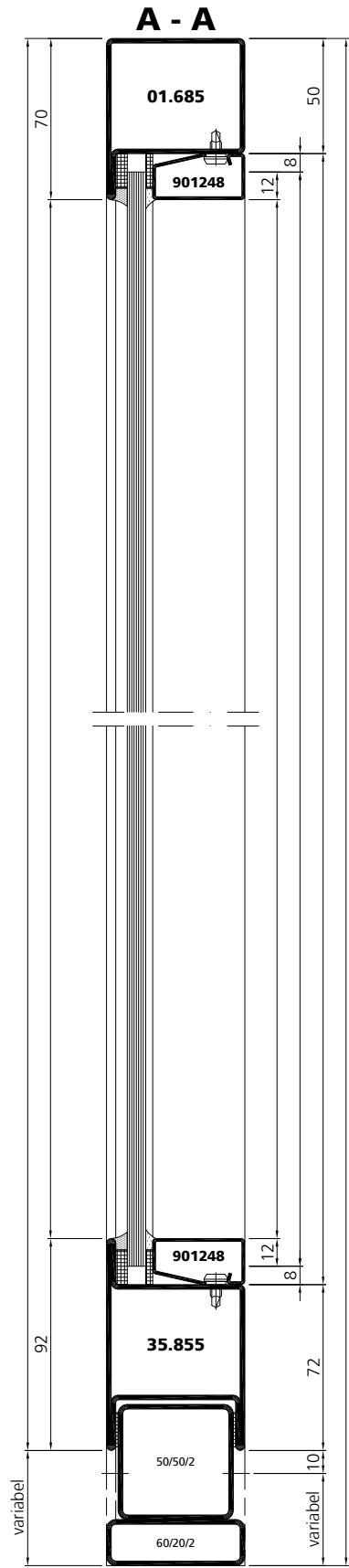


6
pr_sp_0486

Übersicht Systempläne**Tableau des plans du système Synopsis of system plans**

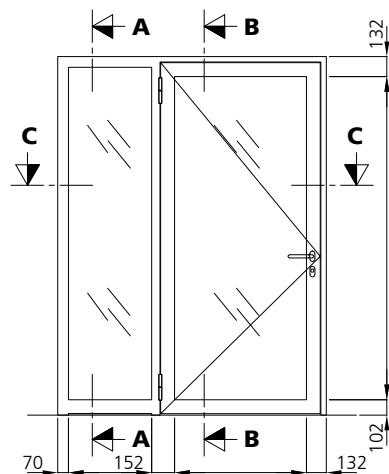
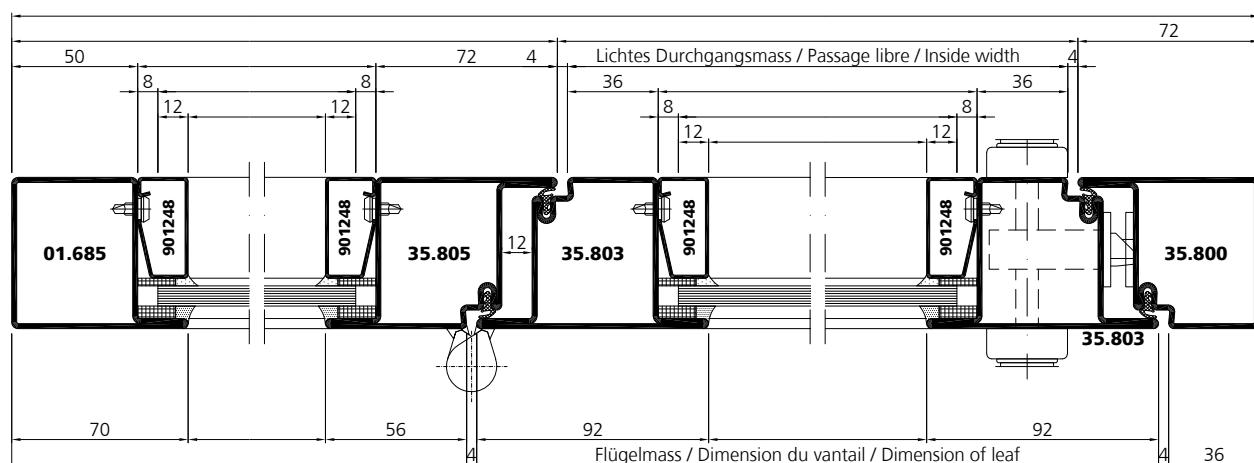
Systempläne**Plans du système****System plans**

■ pr sp 0482



Systempläne**Plans du système****System plans**

pr_sp 0482

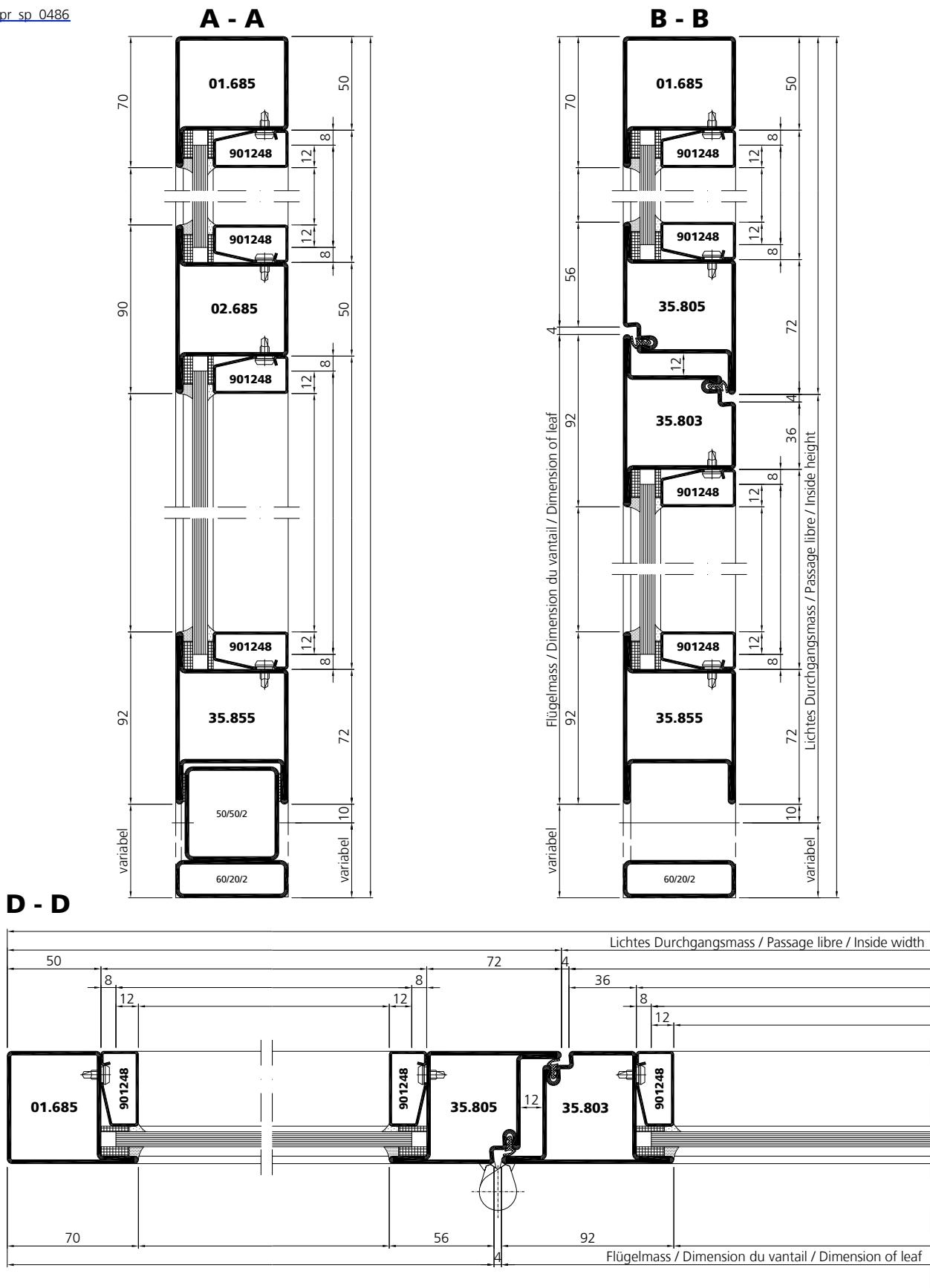
**C - C**

Systempläne

Plans du système

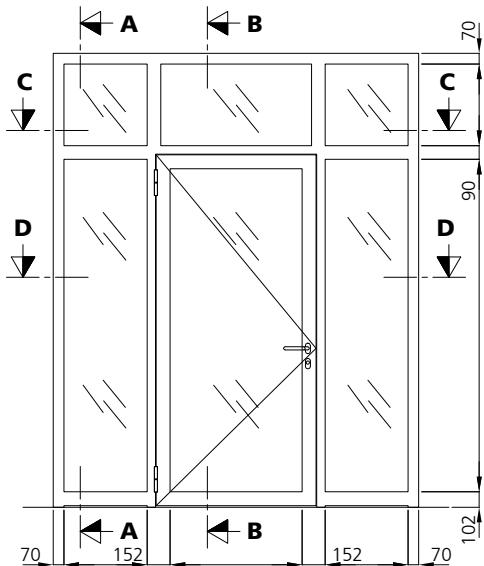
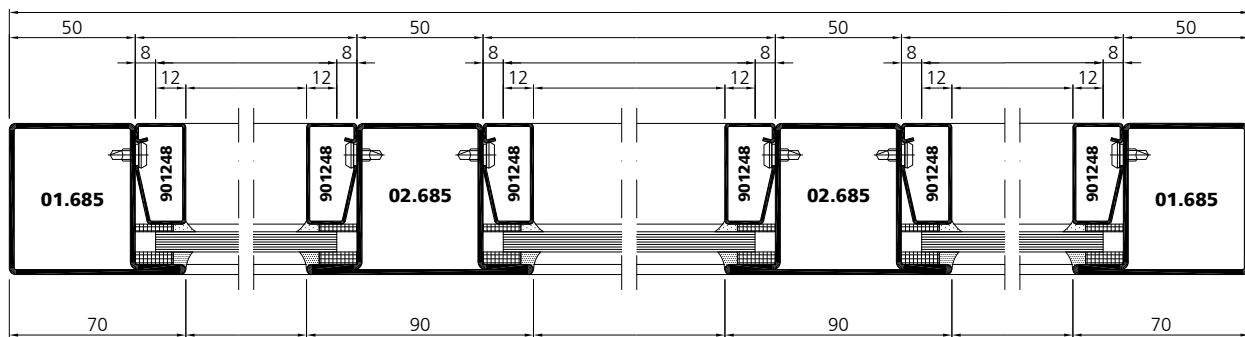
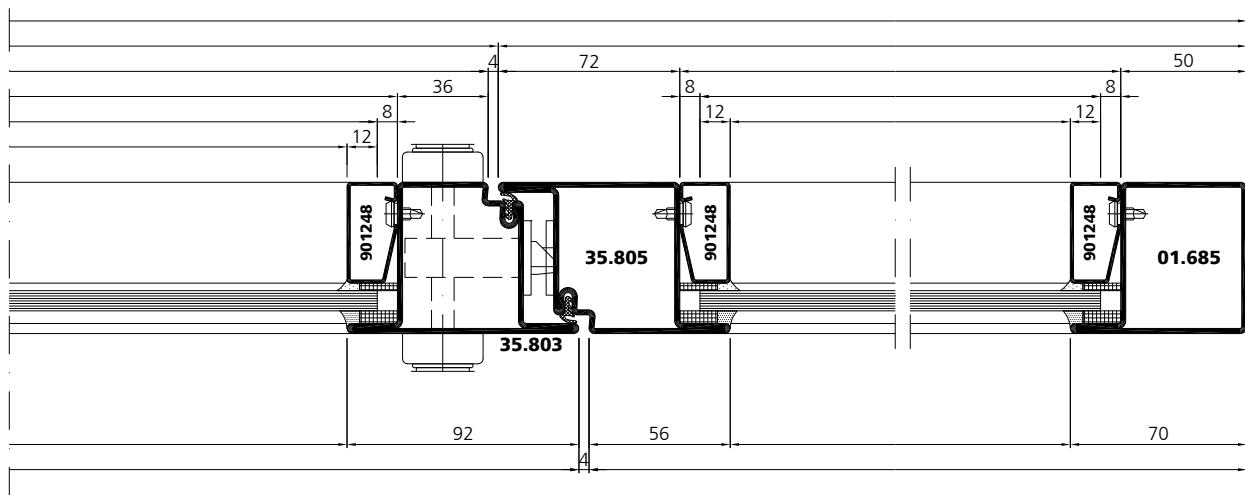
System plans

■ pr_sp 0486



Systempläne**Plans du système****System plans**

■ pr_sp 0486

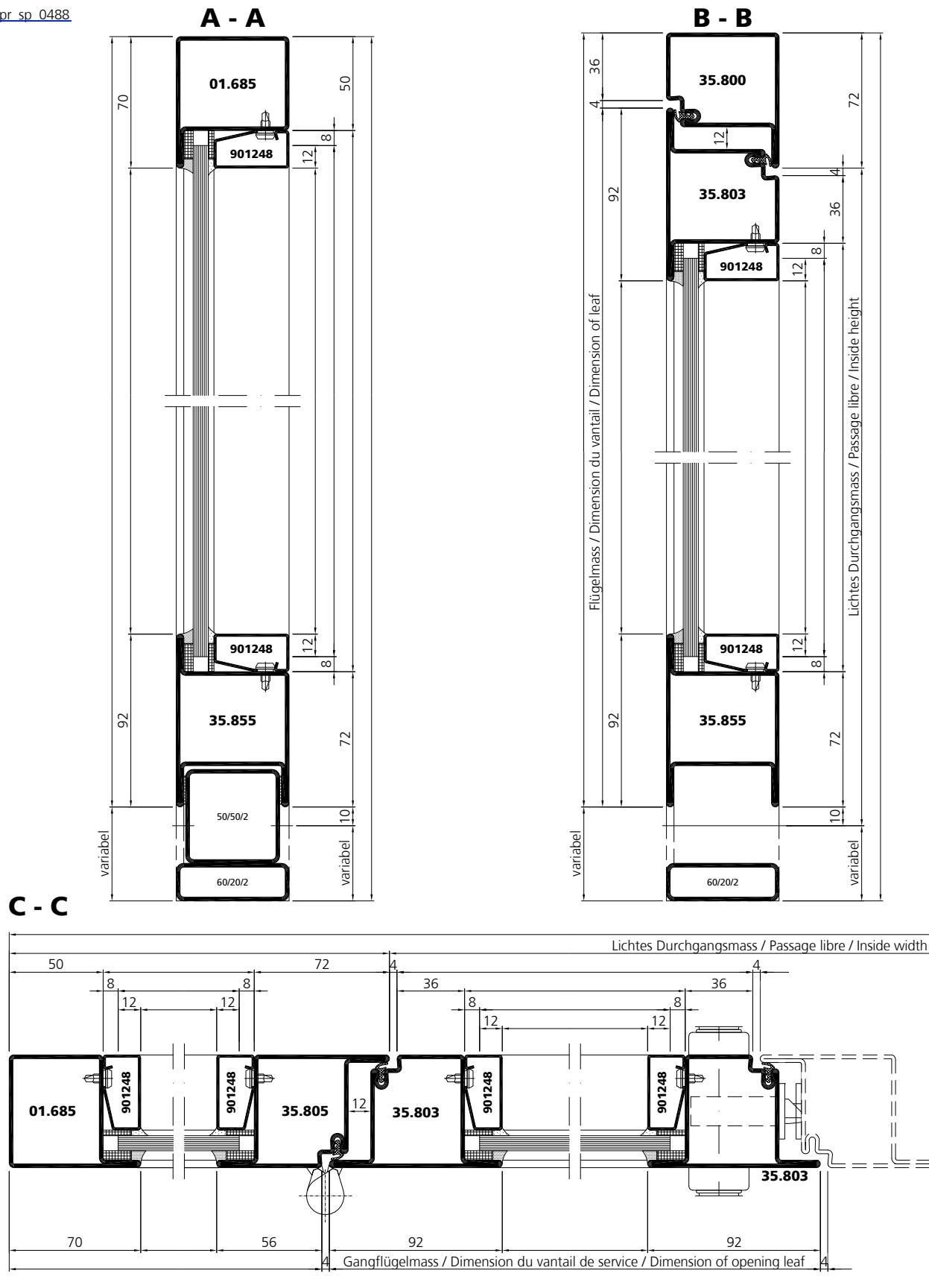
**C - C****D - D**

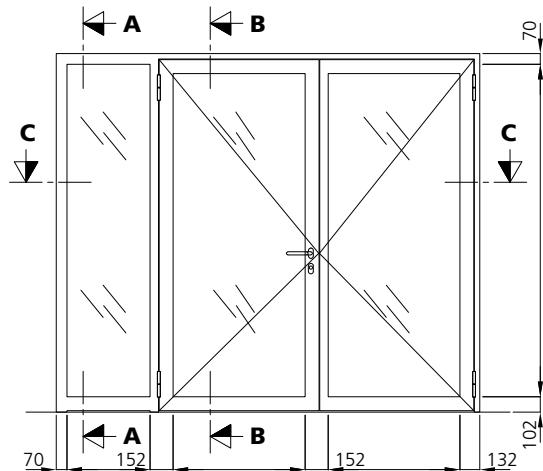
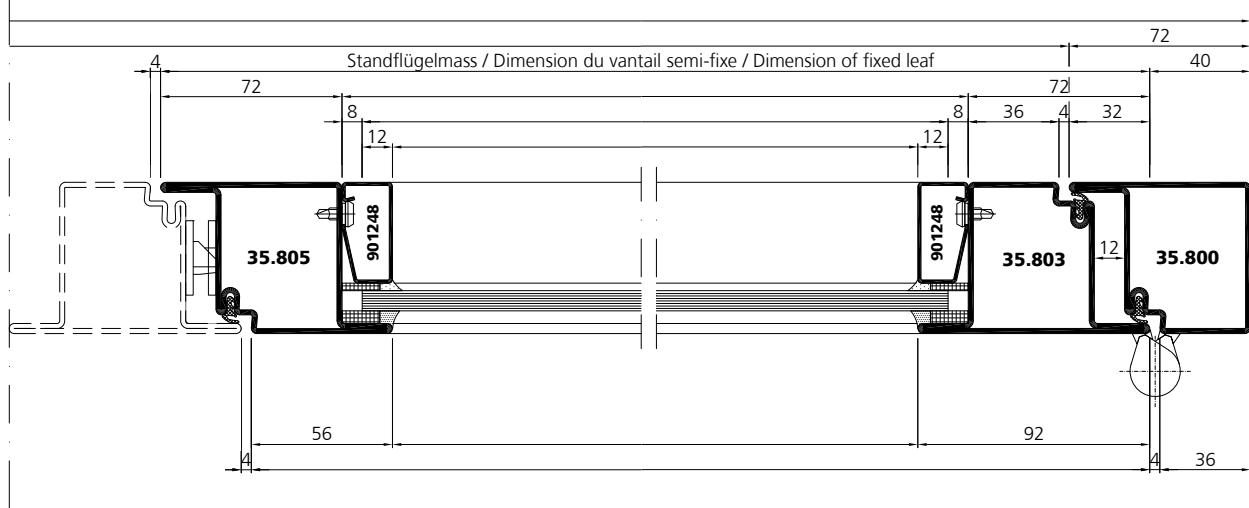
Systempläne

Plans du système

System plans

■ pr_sp 0488



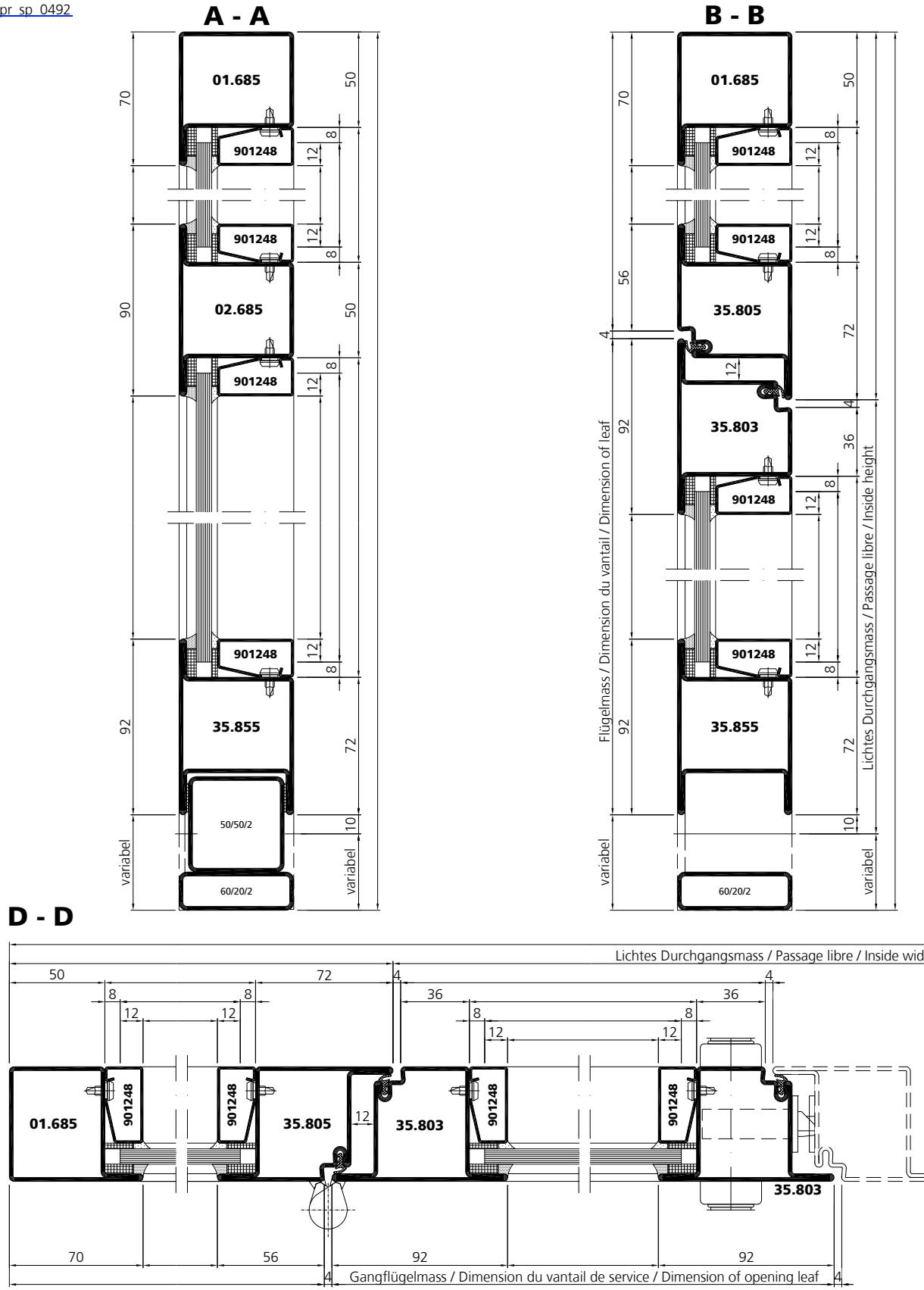
Systempläne**Plans du système****System plans**
 pr_sp_0488
**C - C**

Systempläne

Plans du système

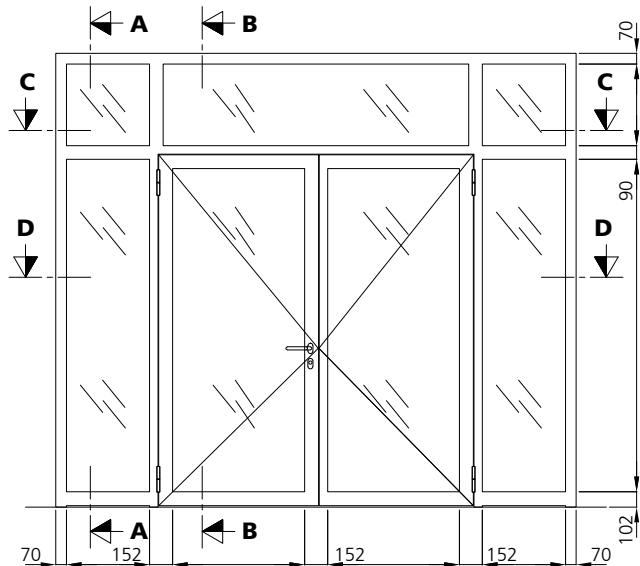
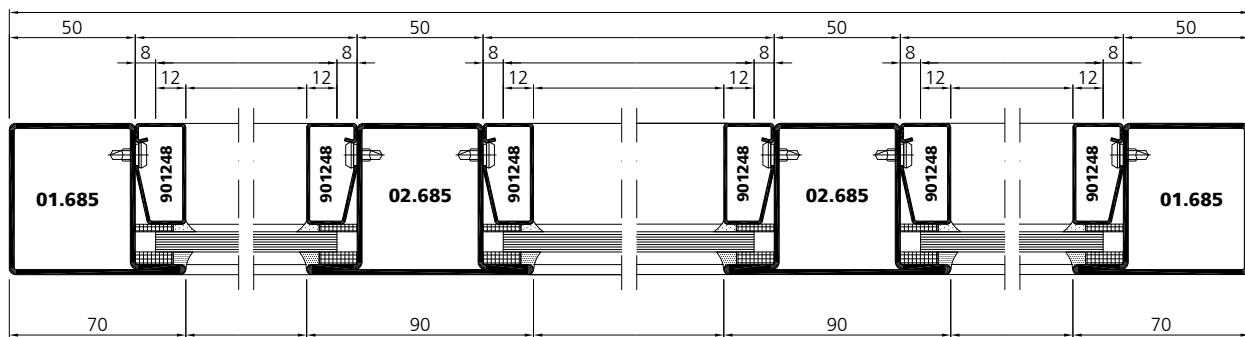
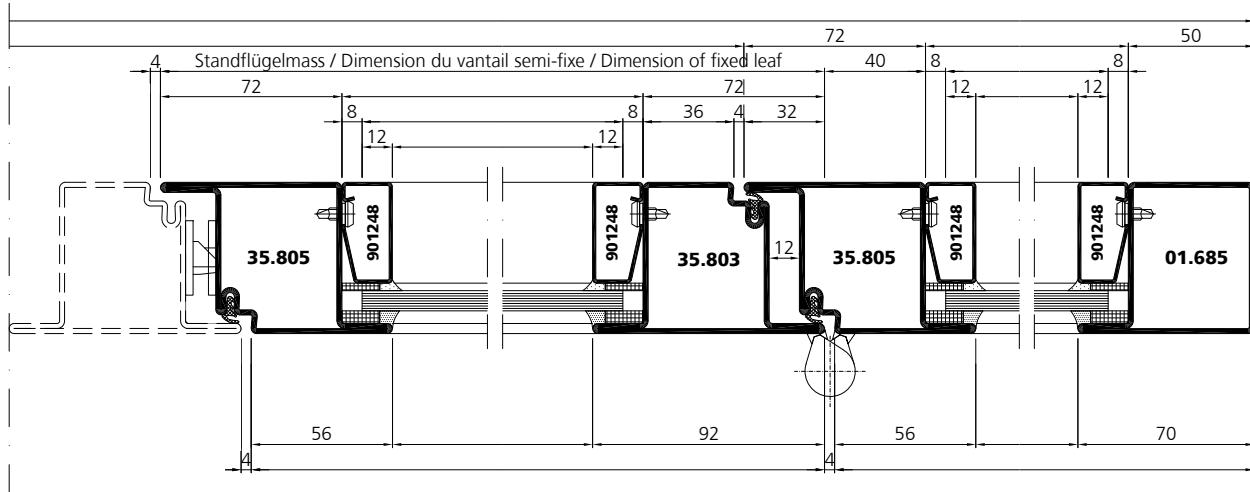
System plans

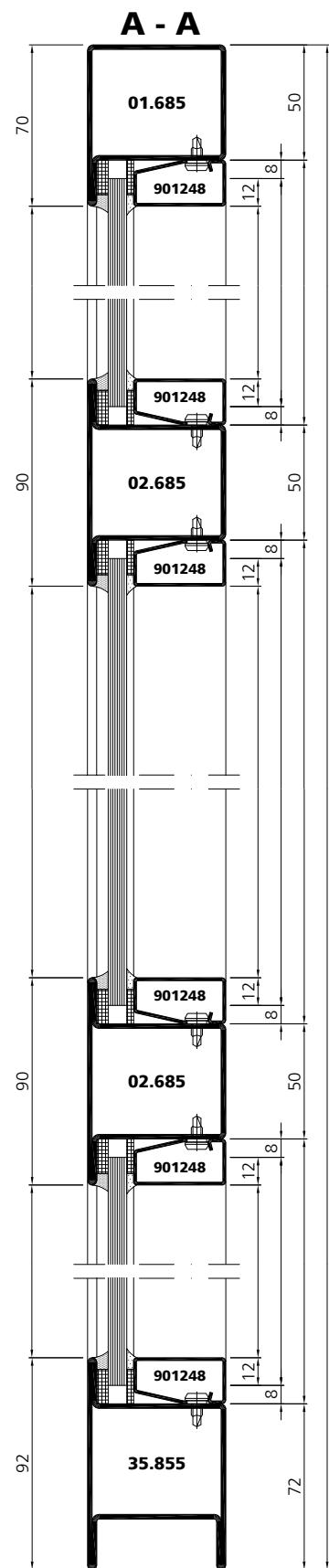
pr sp 0492



Systempläne**Plans du système****System plans**

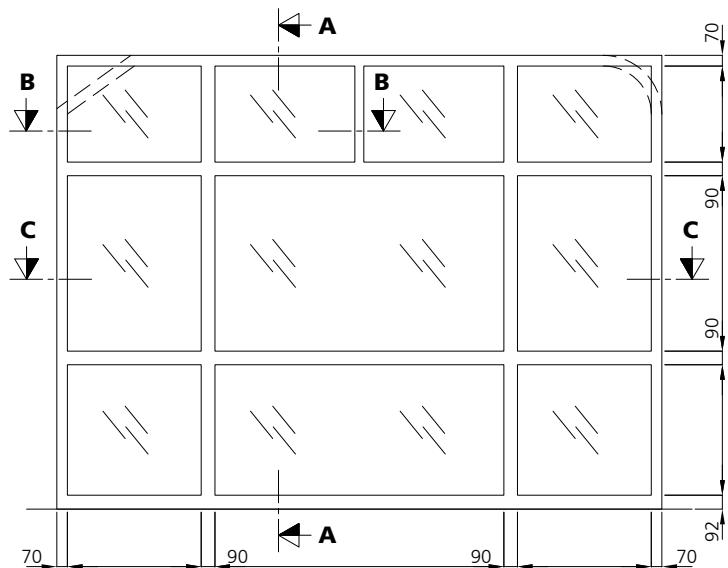
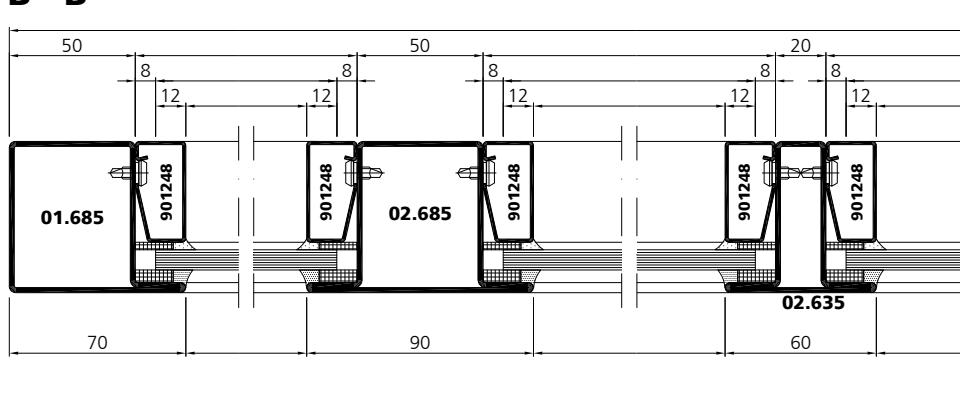
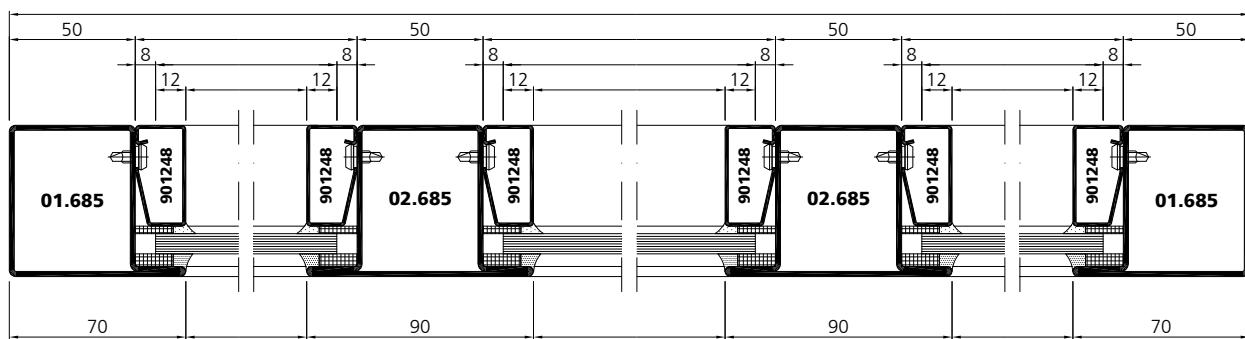
■ pr_sp 0492

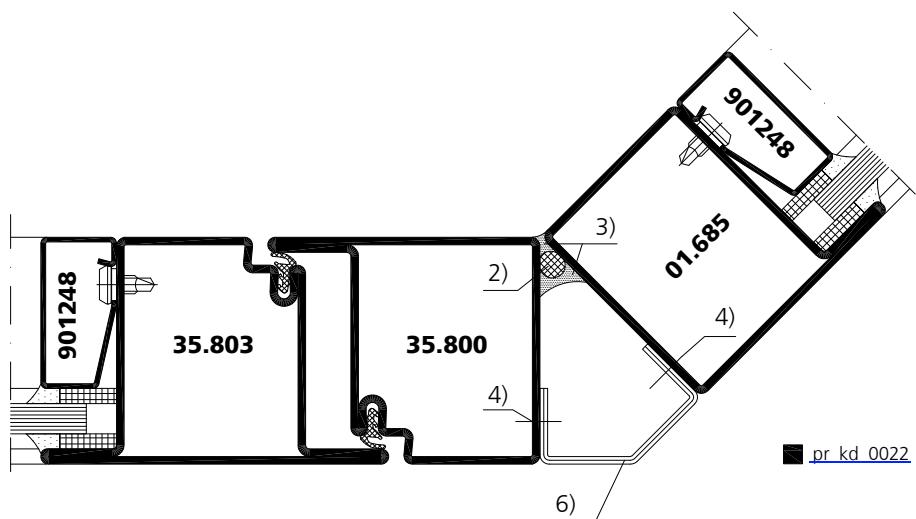
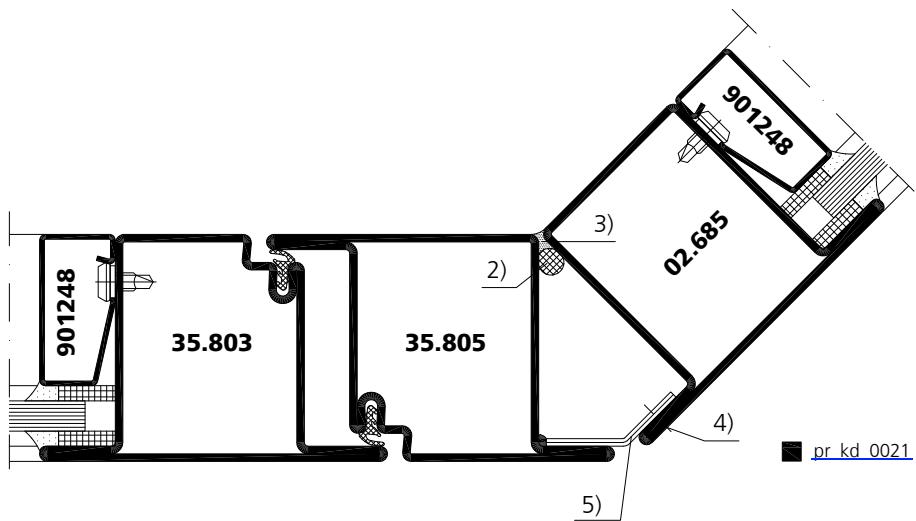
**C - C****D - D**

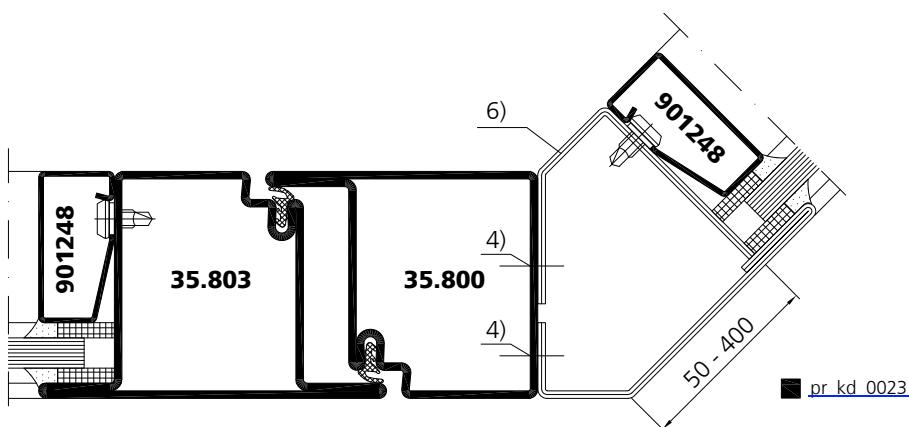
Systempläne**Plans du système****System plans** pr sp 0480

Systempläne**Plans du système****System plans**

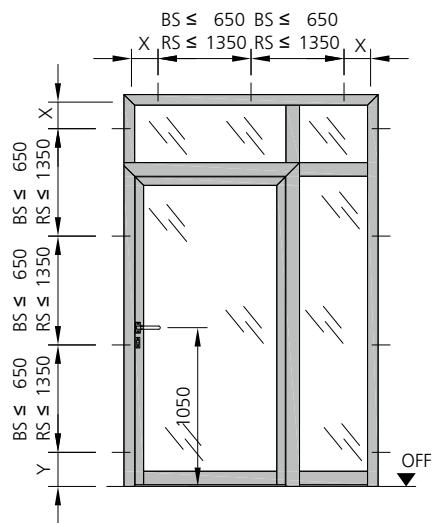
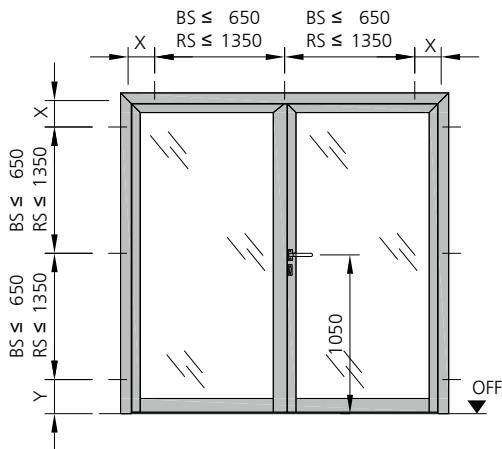
■ pr_sp_0480

**B - B****C - C**

Konstruktionsdetails**Détails de construction**

Konstruktionsdetails**Détails de construction****Construction details****Eckausbildung 90° bis 180°****Le type d'exécution de l'angle de 90° à 180°****Corner design from 90° to 180°**

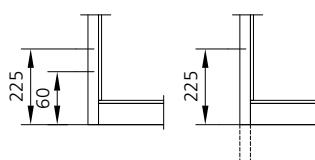
- | | | |
|--|--|--|
| 2) Füllmaterial
z.B. Fugenschnur | 2) Produit de remplissage
par ex. un cordon de joint | 2) Filling material
e.g. joint cord |
| 3) Dichtmaterial
wahlweise Standard-Silikon, Acryl oder PU | 3) Produit d'étanchéité
Au choix silicone standard, PU ou acrylique | 3) Sealing material
Either standard-silicone, acrylic or PU |
| 4) Befestigungsmittel
wahlweise geschraubt oder geschweisst, metrische Gewindeschraube mit Einnietmutter, Blechschraube
Abstände (Ecke) 75 mm / ≤ 300 mm | 4) Elément de fixation
au choix visées ou soudées
Vis métrique avec rivet taraudé
Vis à tête
Distances (coin) 75 mm / ≤ 300 mm | 4) Means or fastening
either screw fastened or welded
metric tapping screw with clinch nut
Sheet metal screw
Distances (corner) 75 mm / ≤ 300 mm |
| 5) Blech 2 - 4 mm, Stahl oder Edelstahl, Form freibleibend | 5) Tôle 2 - 4 mm, acier ou acier inox forme sans engagement | 5) Sheet 2 - 4 mm, steel and stainless steel shap without engagement |
| 6) Blech 1.5 - 2 mm, Stahl oder Edelstahl, Form freibleibend | 6) Tôle 1.5 - 2 mm, acier ou acier inox forme sans engagement | 6) Sheet 1.5 - 2 mm, steel and stainless steel shap without engagement |

Befestigungspunkte**Points de fixation****Fixing points**

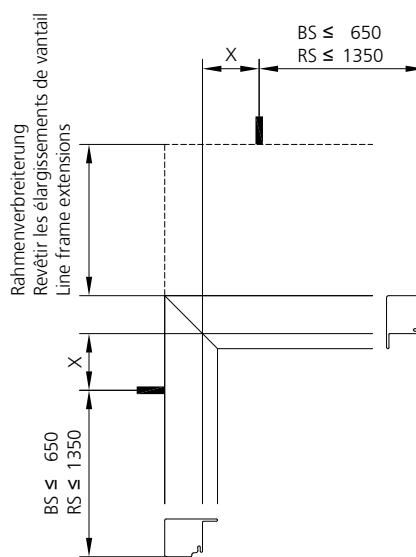
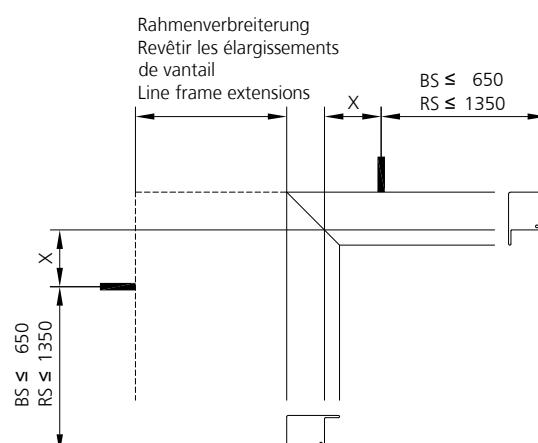
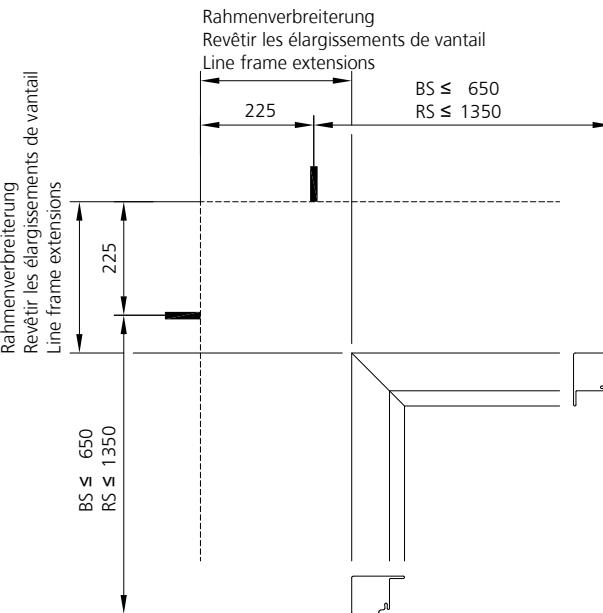
BS = Brandschutz
Coupe-feu
Fire protection

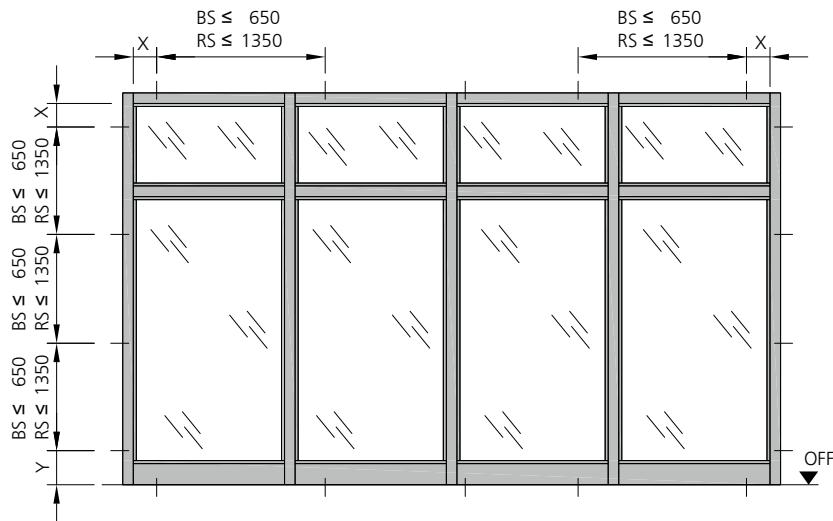
RS = Rauchschutz
Pare-flamm
Smoke protection

Mass Y
Dimension Y
Dimension Y = $225 \pm 20 / 60 \pm 20$



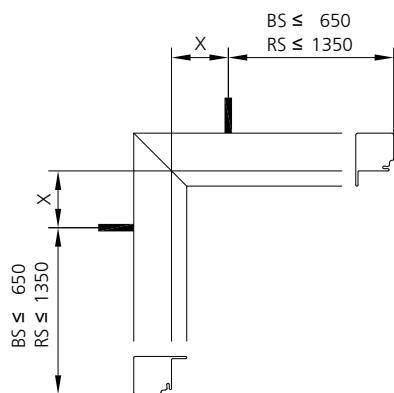
Mass X
Dimension X
Dimension X = 75 ± 20



Befestigungspunkte**Points de fixation****Fixing points**

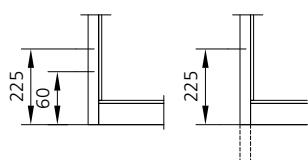
BS = Brandschutz
Coupe-feu
Fire protection

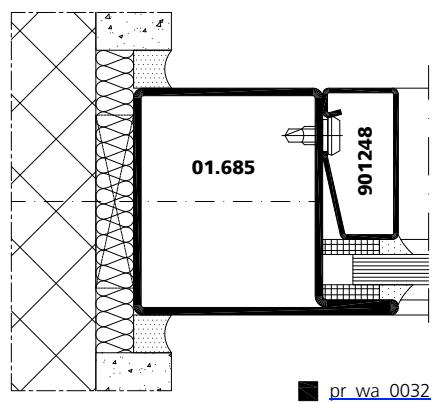
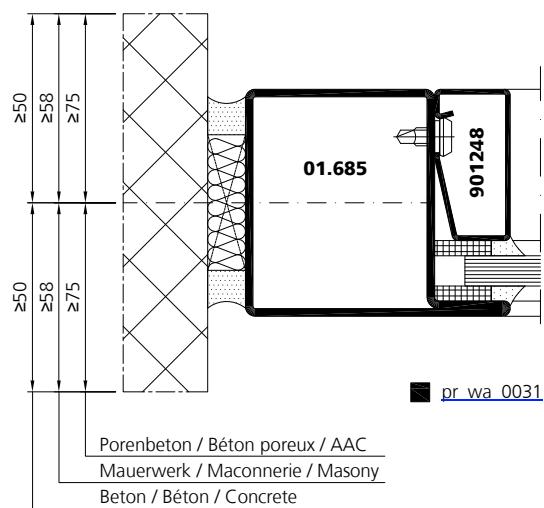
RS = Rauchschutz
Pare-flamm
Smoke protection

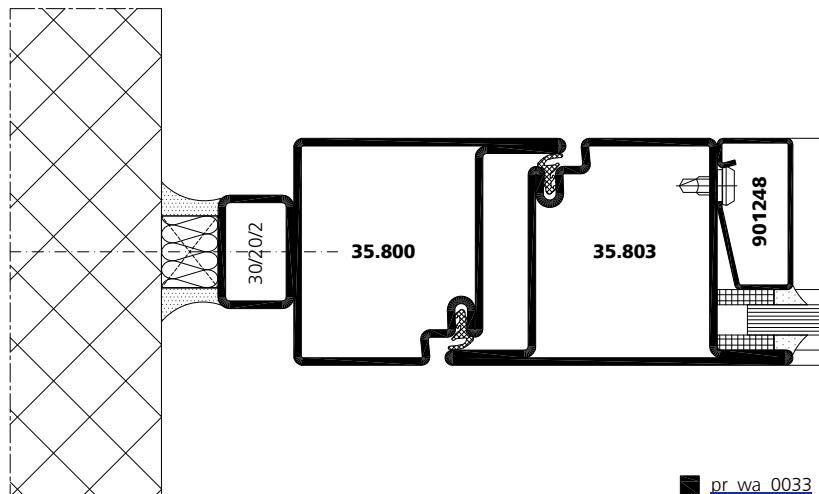


Mass X
Dimension X
Dimension X = 75 ± 20

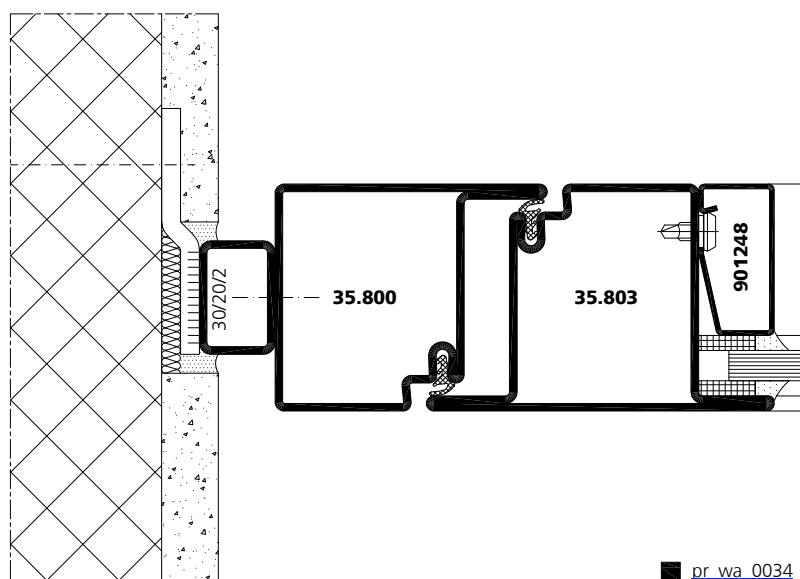
Mass Y
Dimension Y
Dimension Y = $225 \pm 20 / 60 \pm 20$



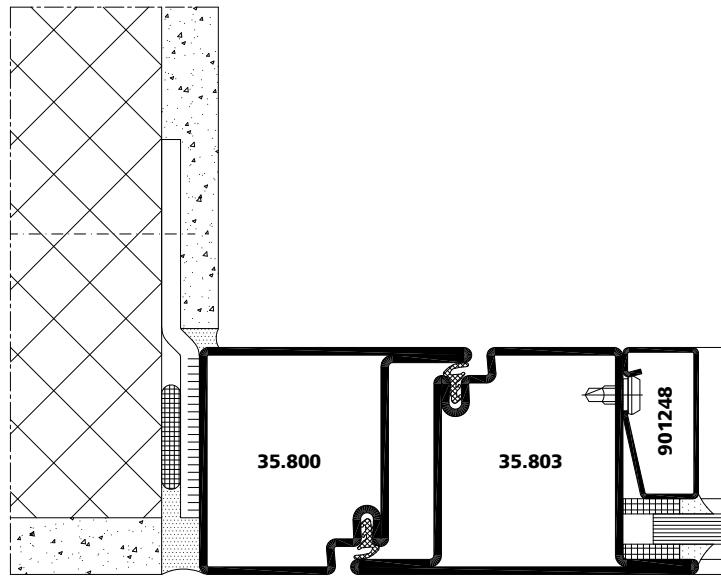
Wandanschlüsse**Raccords muraux****Wall abutments**

Wandanschlüsse**Raccords muraux****Wall abutments**

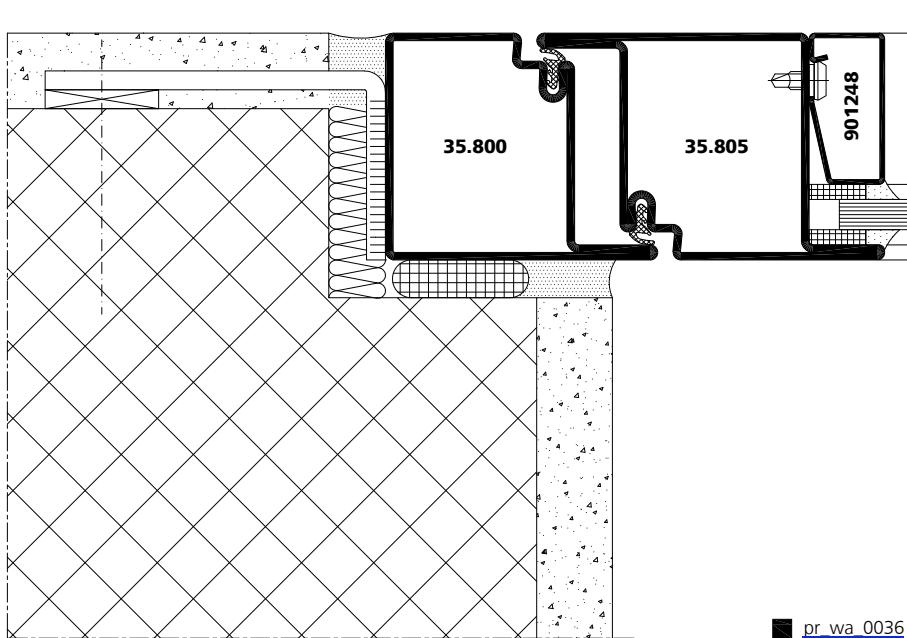
■ pr wa_0033



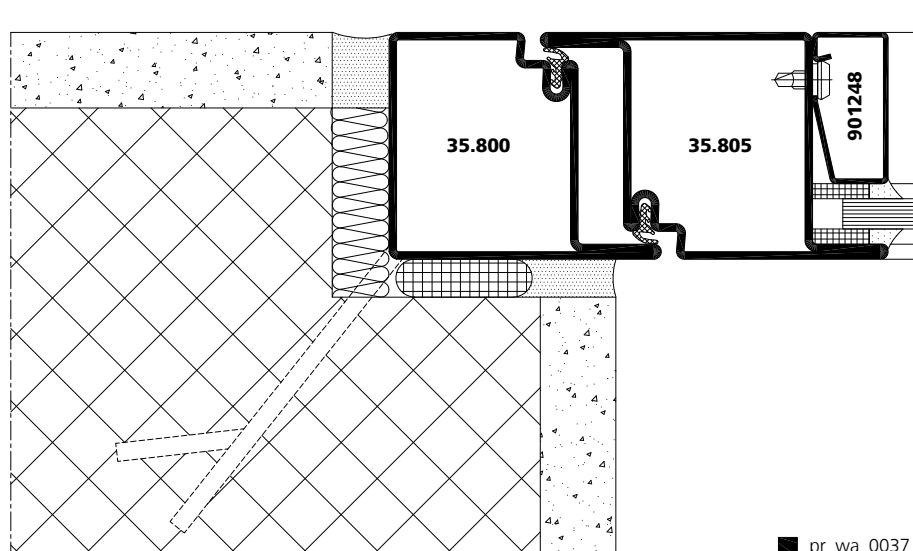
■ pr wa_0034

Wandanschlüsse**Raccords muraux****Wall abutments**

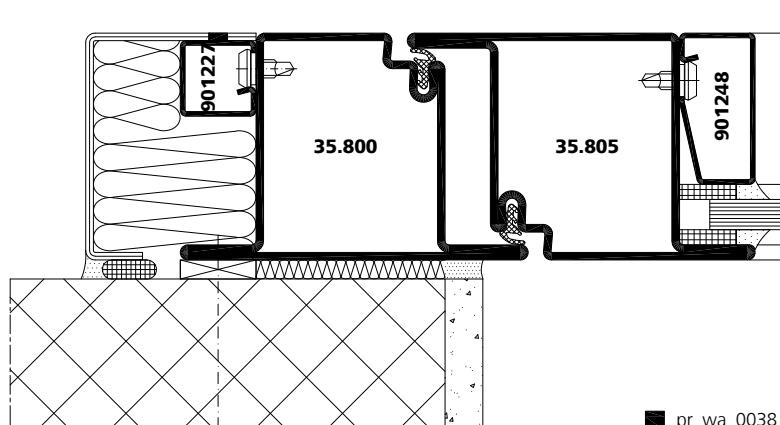
■ pr_wa_0035



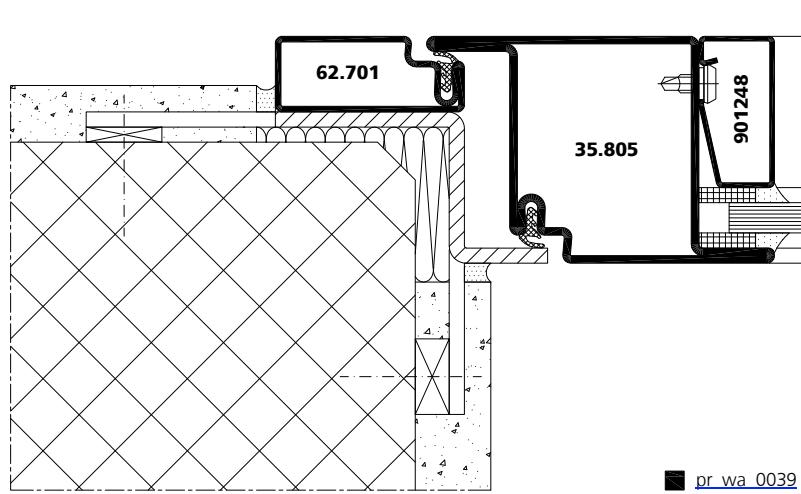
■ pr_wa_0036

Wandanschlüsse**Raccords muraux****Wall abutments**

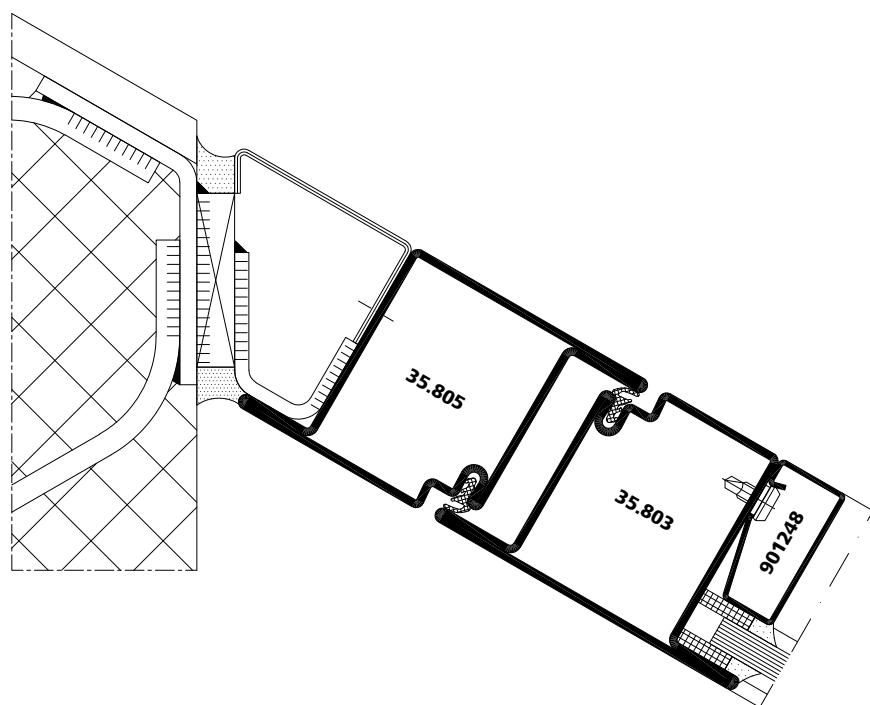
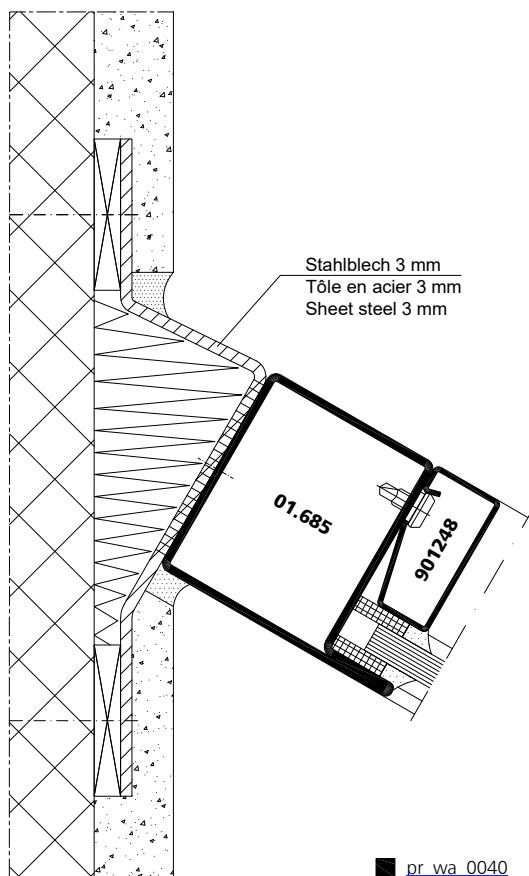
pr_wa_0037

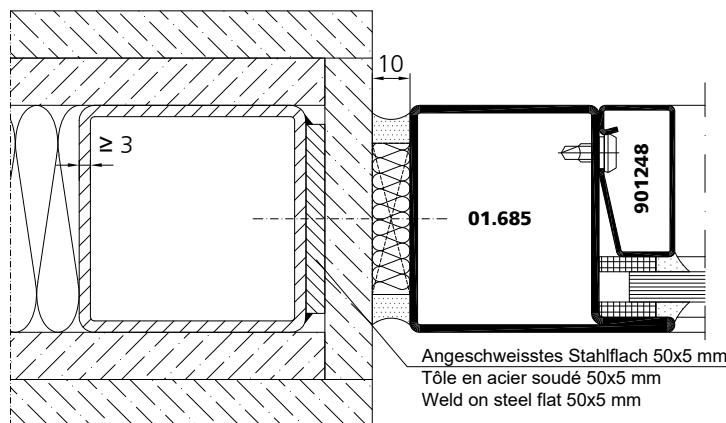


pr_wa_0038

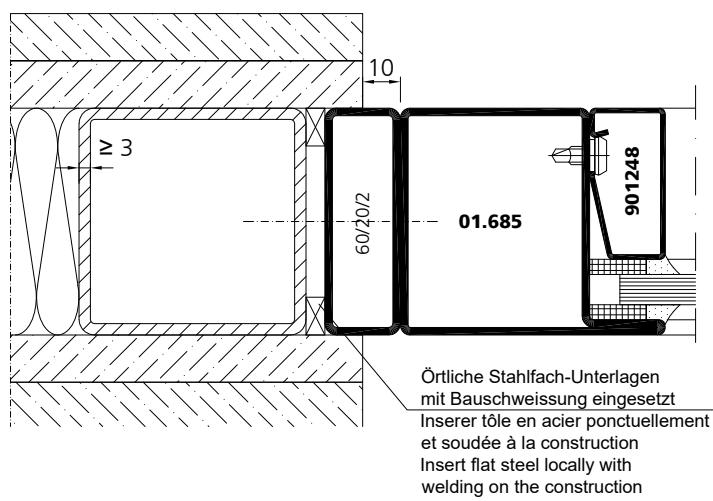
Wandanschlüsse**Raccords muraux****Wall abutments**

■ pr_wa_0039

Wandanschlüsse**Raccords muraux****Wall abutments**

Wandanschlüsse**Raccords muraux****Wall abutments**

■ [pr wa 0042](#)



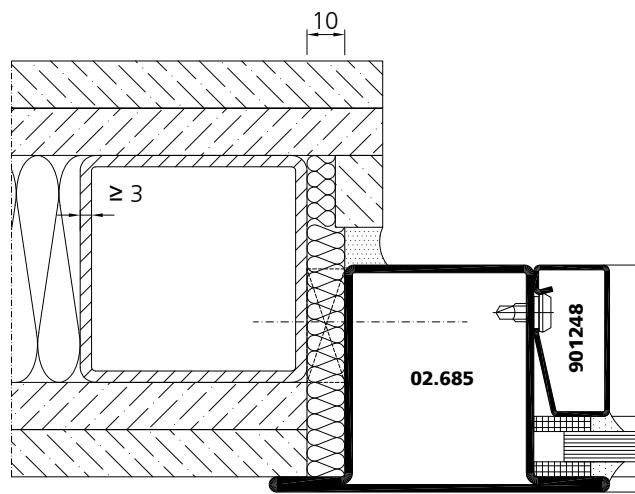
Örtliche Stahlfach-Unterlagen
mit Bauschweissung eingesetzt
Inserer tôle en acier ponctuellement
et soudée à la construction
Insert flat steel locally with
welding on the construction

■ [pr wa 0043](#)

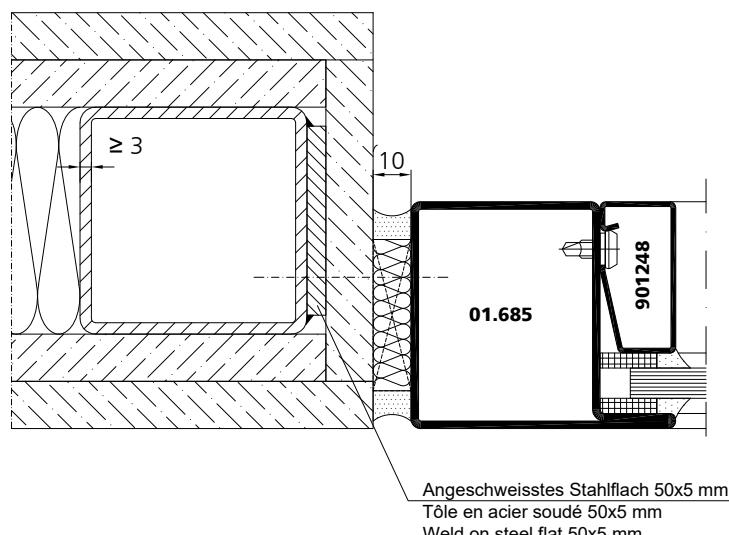
Wandanschlüsse

Raccords muraux

Wall abutments



pr_wa_0044

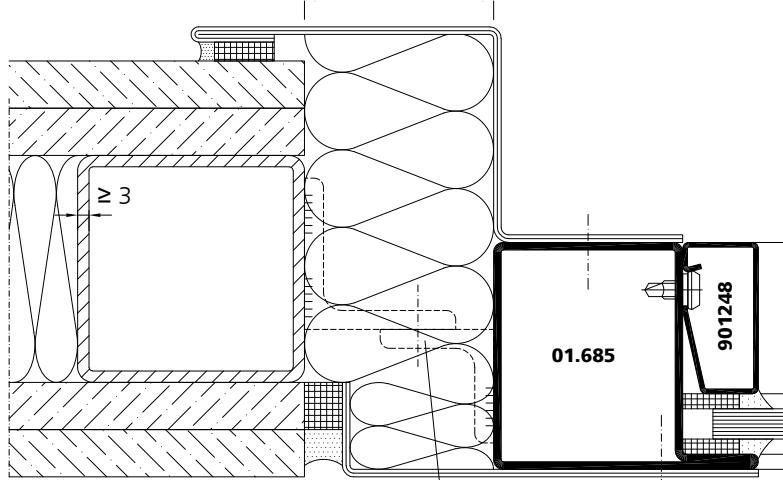


pr_wa_0045

Wandanschlüsse

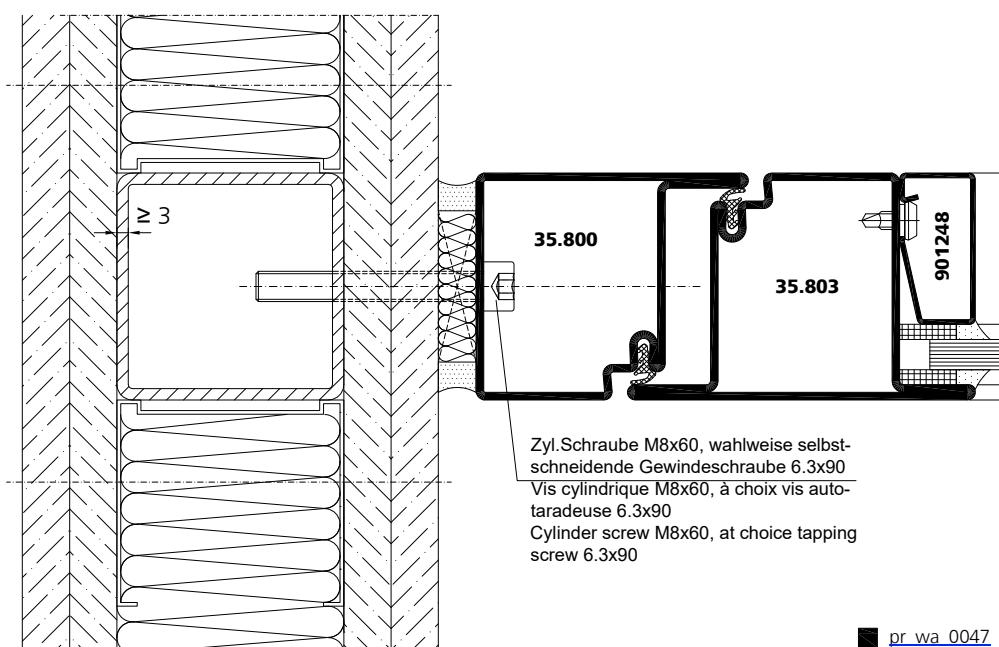
Raccords muraux

Wall abutments



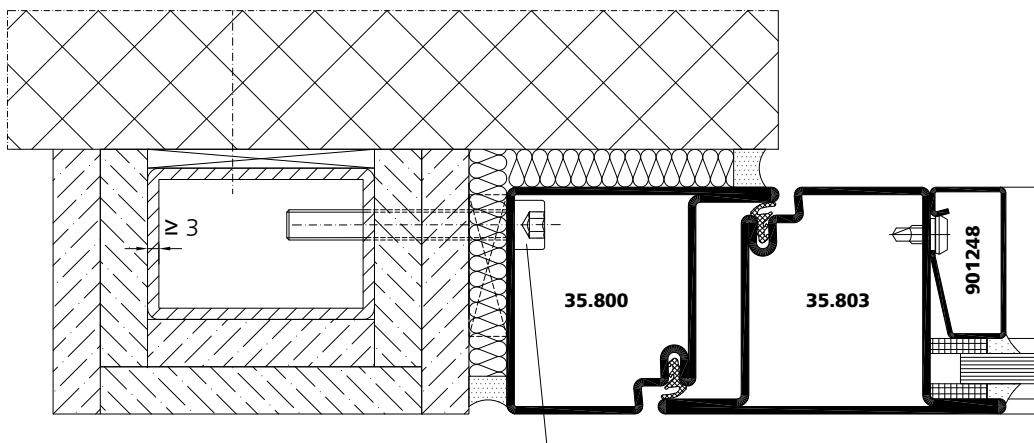
Örtlich angeschweißte Stahlwinkel
Equerre en acier soudée ponctuellement
Weld on steel angle locally

[pr_wa_0046](#)



Zyl. Schraube M8x60, wahlweise selbst-schneidende Gewindeschraube 6.3x90
Vis cylindrique M8x60, à choix vis auto-taradeuse 6.3x90
Cylinder screw M8x60, at choice tapping screw 6.3x90

[pr_wa_0047](#)

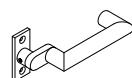
Wandanschlüsse**Raccords muraux****Wall abutments**

Zyl.Schraube M8x60, wahlweise selbst-schneidende Gewindeschraube 6.3x90
Vis cylindrique M8x60, à choix vis auto-taradeuse 6.3x90
Cylinder screw M8x60, at choice tapping screw 6.3x90

pr wa 0048

**Durchgangsbreite bei 90°
Flügelöffnung**

Türdrücker
und -knopf
Poignée de porte
et Bouton de porte
Door handle
and -knob



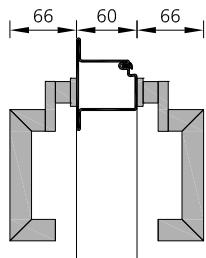
907326



EN 179

EN 1125

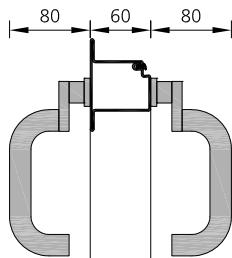
EN 179



**Passage avec une ouverture
de vantail de 90°**



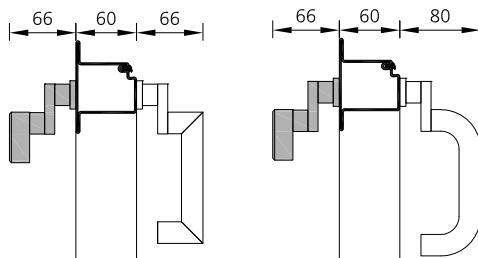
907327



**Inside width with 90° leaf
opening**



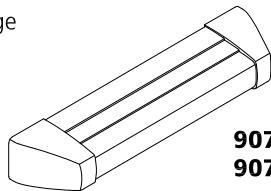
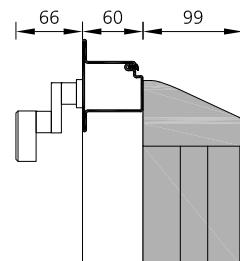
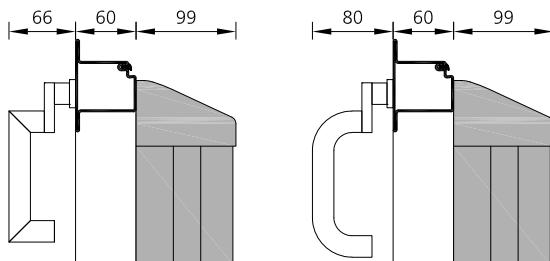
907329



Antipanik-Druckstange
Pushbar anti-panique
Anti-panic touch-bar



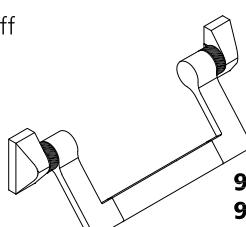
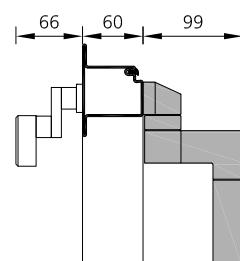
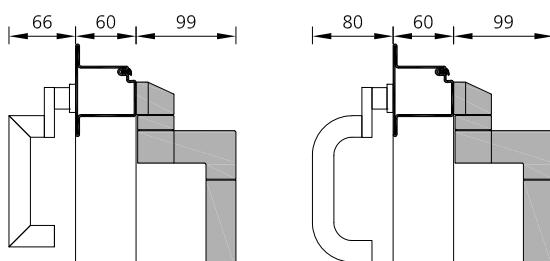
EN 1125

907360 - 907364
907300 - 907304

Antipanik-Stangengriff
Barre anti-panique
Anti-panic push-bar



EN 1125

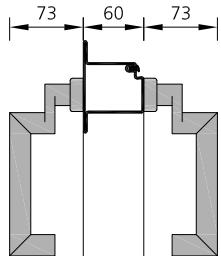
907343
907345

**Durchgangsbreite bei 90°
Flügelöffnung**

Türdrücker
und -knopf
Poignée de porte
et Bouton de porte
Door handle
and -knob



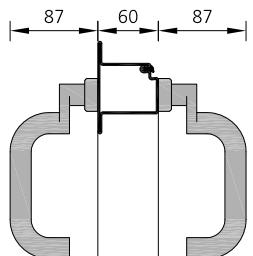
907351



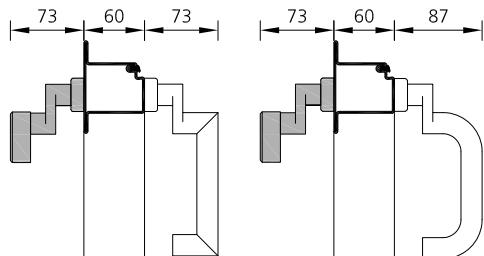
**Passage avec une ouverture
de vantail de 90°**



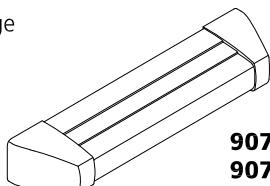
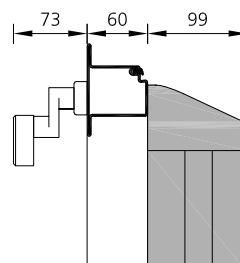
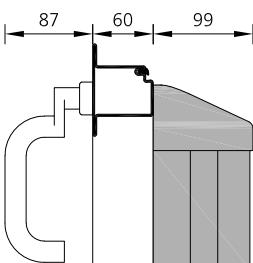
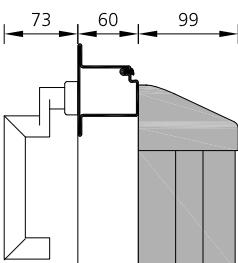
907350



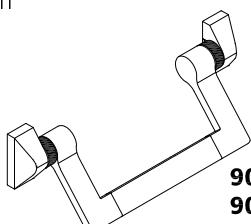
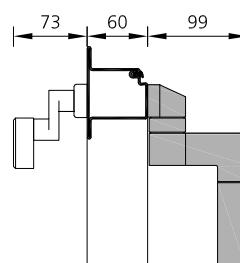
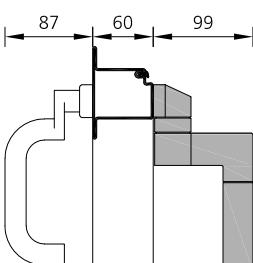
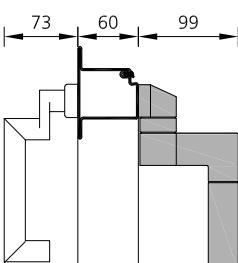
907356



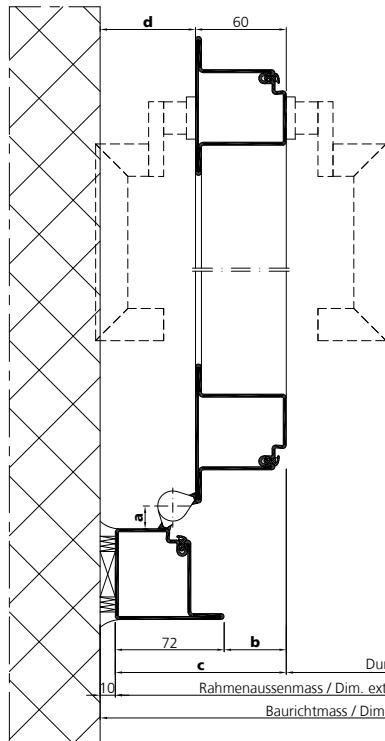
Antipanik-Druckstange
Pushbar anti-panique
Anti-panic touch-bar

907360 - 907364
907300 - 907304

Antipanik-Stangengriff
Barre anti-panique
Anti-panic push-bar

907343
907345

**Durchgangsbreite bei 90°
Flügelöffnung**

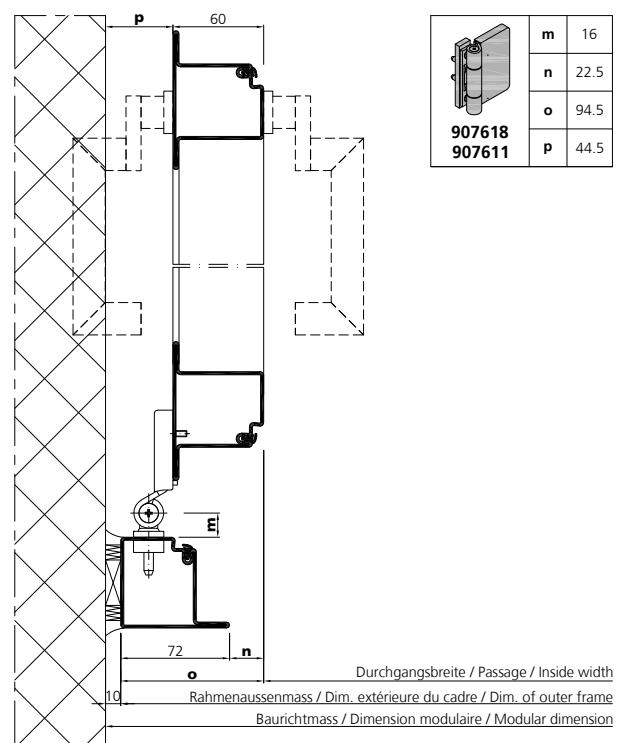
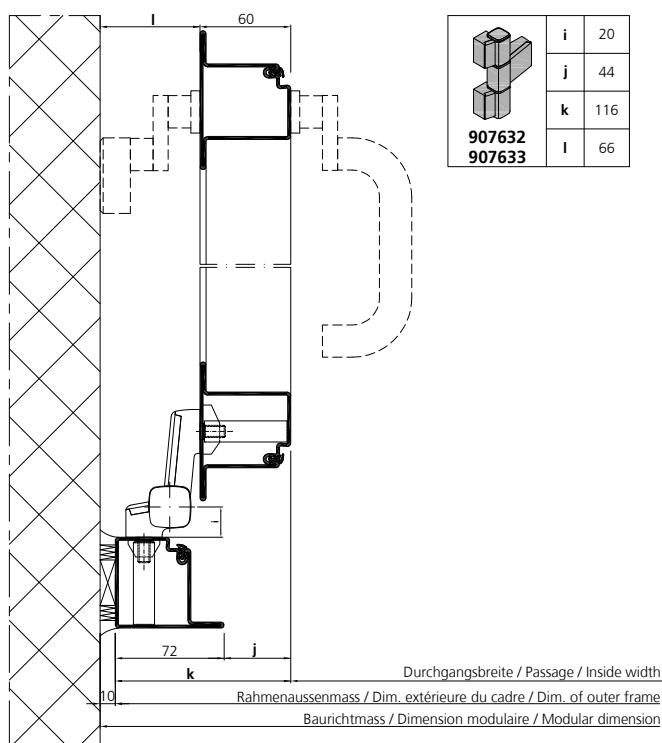
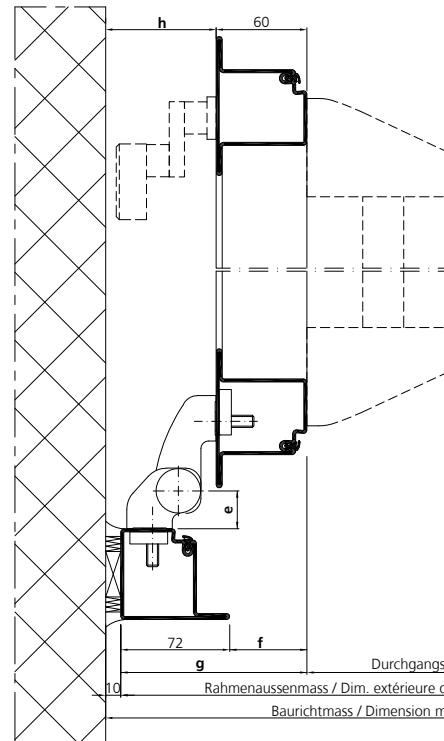


**Passage avec une ouverture
de vantail de 90°**

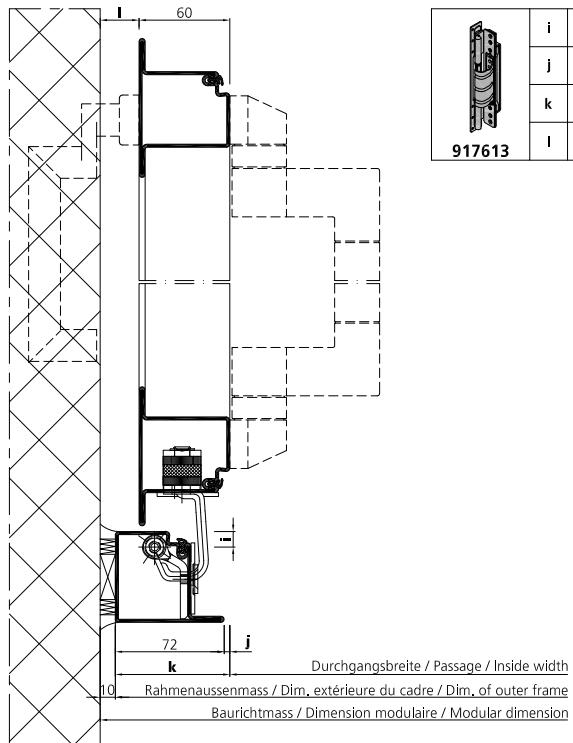
907616	e	25
907612	f	51
	g	123
	h	73
907617	e	25
907613	f	51
	g	123
907610	e	36
	f	62
	g	134
907600	e	36
	f	62
	g	134
	h	84

Durchgangsbreite / Passage / Inside width
Rahmenaußenmaß / Dim. extérieure du cadre / Dim. of outer frame
Baurichtmaß / Dimension modulaire / Modular dimension

**Inside width with 90° leaf
opening**

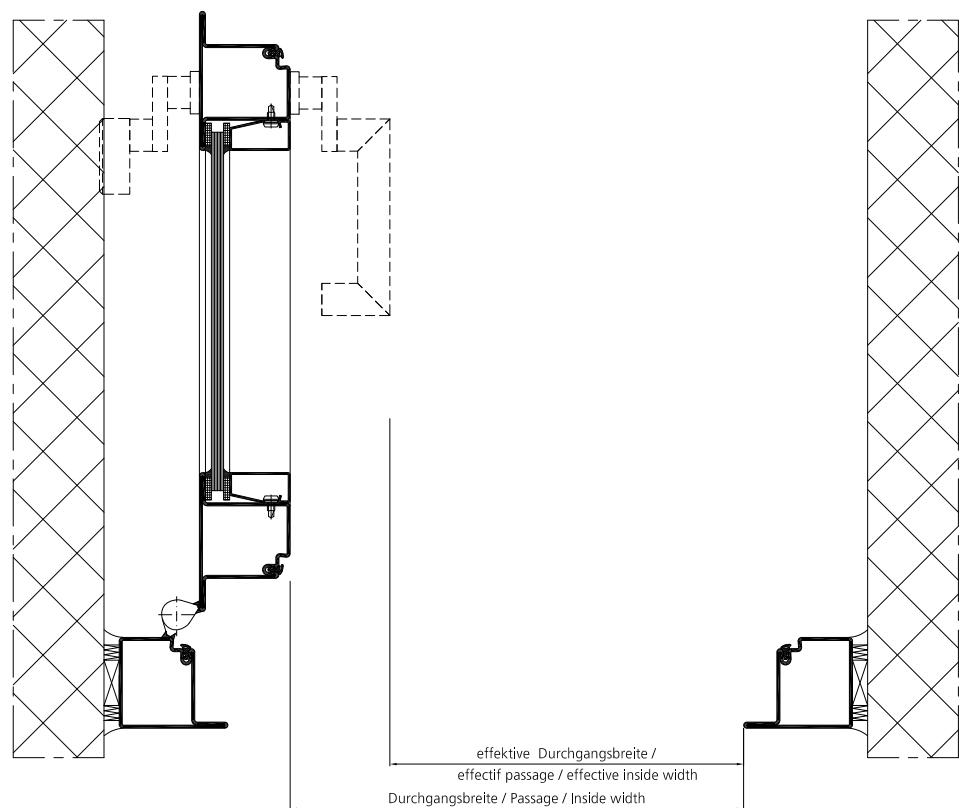


**Durchgangsbreite bei 90°
Flügelöffnung**

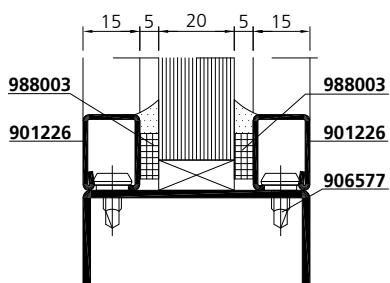
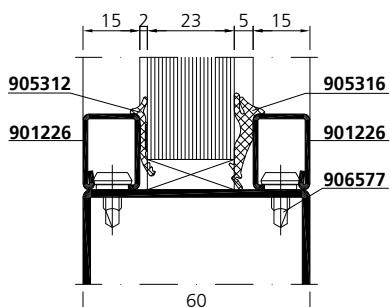
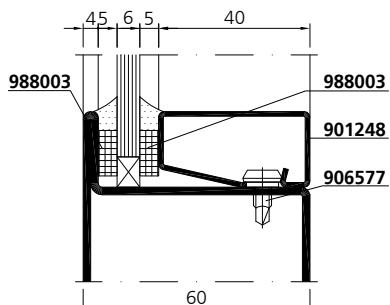
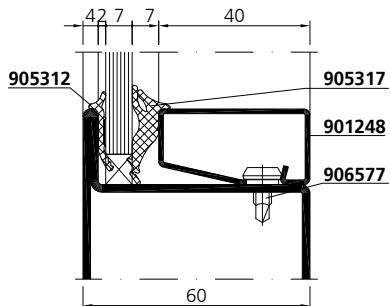


**Passage avec une ouverture
de vantail de 90°**

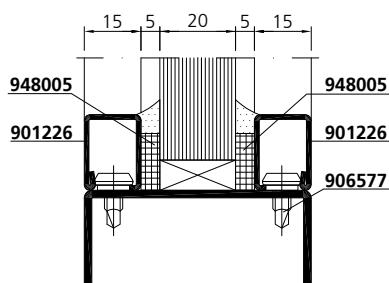
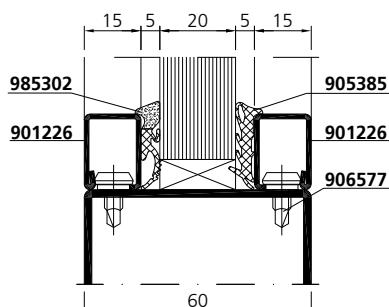
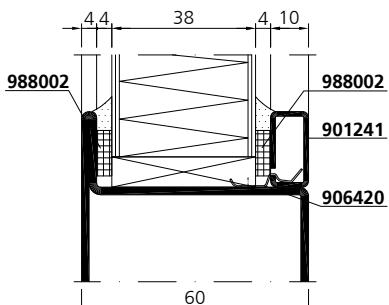
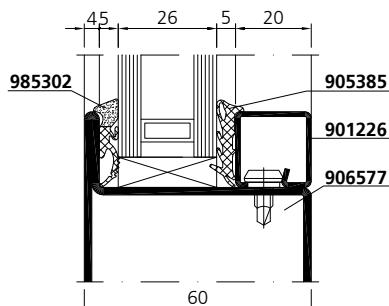
**Inside width with 90° leaf
opening**



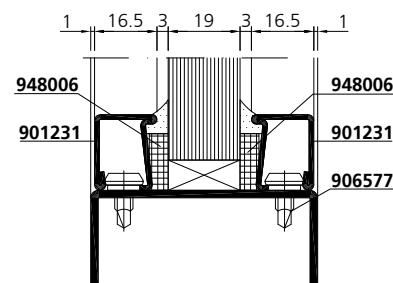
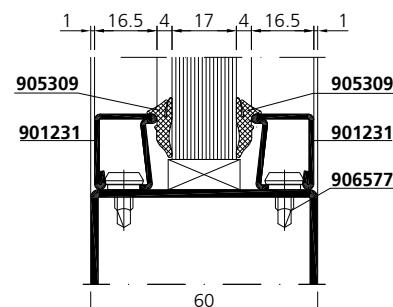
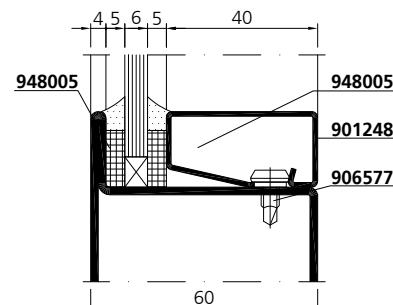
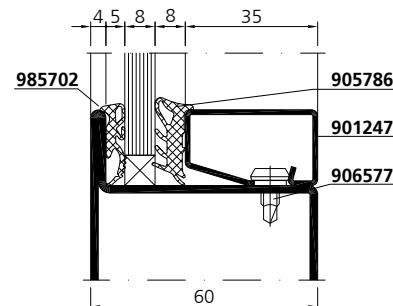
Verglasungsvarianten
Glashalteleisten Stahl



Variantes de vitrages
Parcloses en acier



Alternative glazing versions
Glazing beads in steel



Verglasungsvarianten

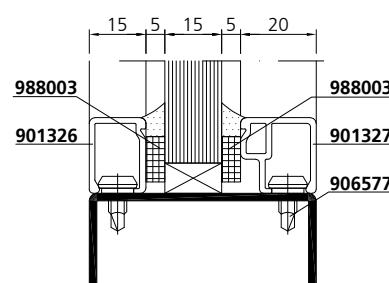
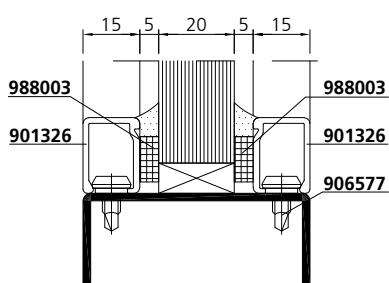
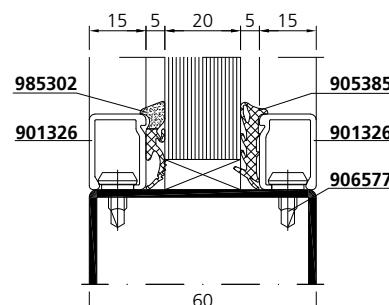
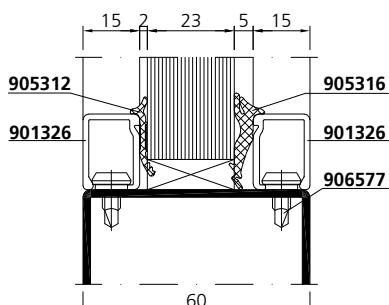
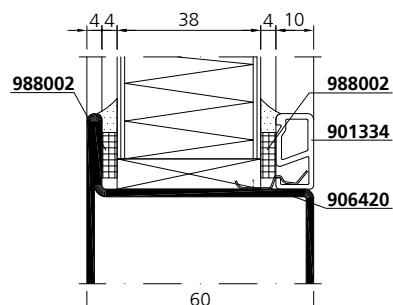
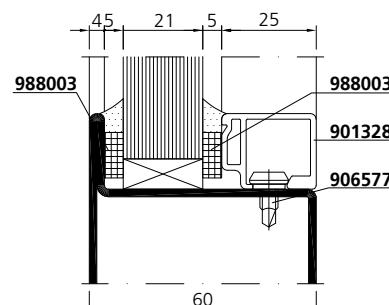
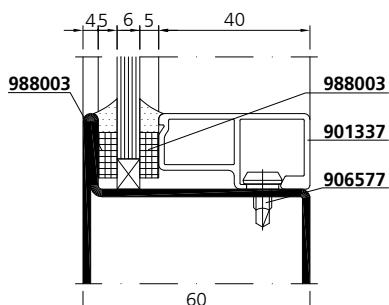
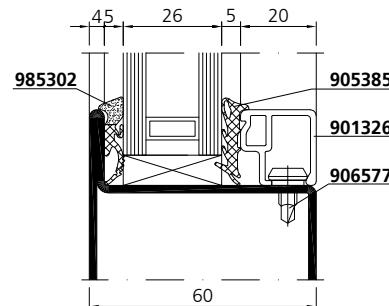
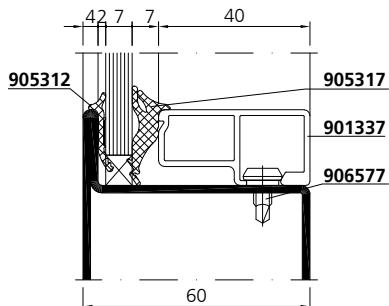
Glashalteleisten Aluminium
(Nicht für Brandschutzverglasungen)

Variantes de vitrages

Parcloses en aluminium (non
approprié pour vitrage pare-flammes)

Alternative glazing versions

Glazing beads in aluminium
(Not suitable for fire protection glazing)



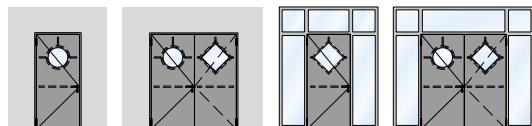


03/21

Prime Tower, CH-Zürich



Das System auf einen Blick



Le système en un coup d'œil

The system at a glance

forster presto – flächenbündige verblechte Tür E30

Ausgangsmaterial

- Stahl blank, ZM (Zink Magnesium)

Profilmasse

- Sonderprofil mit 46 mm Bautiefe

Schloss und Beschlag

- Systemabgestimmte Beschläge
- Formschöne Edelstahl-Griffgarnituren, schlanke Rollentürbänder und verdeckt-liegende Bänder

Verarbeitung

- Äußerst wirtschaftliche Fertigung ohne Sondereinrichtung

Merkmale

- Runde und eckige Glasausschnitte möglich
- Einbau verblechte Türe in transparenter Festverglasung möglich

Zulässige Abmessungen

- E30-1 (1-flügelig)
Lichter Druchgang (B x H)
1402 x 2500 mm
- E30-2 (2-flügelig)
Lichter Druchgang (B x H)
2790 x 2500 mm

forster presto – porte en tôle affleurée E30

Matériaux de base

- Acier brut, ZM (zinc-magnésium)

Dimensions des profilés

- Profilé spécial d'une profondeur de 46 mm

Serrures et ferrures

- Ferments harmonisés au système
- Garnitures de poignées en acier inox aux formes élégantes, paumelles à souder élancées et paumelles cachées

Finitions

- Mise en œuvre extrêmement économique sans outillage spécial

Caractéristiques

- Découpes de verre rondes et rectangulaires
- Pose possible de portes tolées dans cloison fixe transparente

Dimensions homologuées

- E30-1 (1 vantail)
Passage libre (L x H)
1402 x 2500 mm
- E30-2 (2 vantaux)
Passage libre (L x H)
2790 x 2500 mm

forster presto – Flush mounted sheet metal door E30

Starting material

- Steel bright, ZM (zinc-magnesium)

Profile dimensions

- Special profiles with 46 mm depth

Locks and Fittings

- Fittings to match the system
- Attractively shaped stainless steel handles set, slender weld-on door hinges and concealed hinges

Processing

- Extremely economical manufacturing, no special machinery needed

Properties

- Round and square glass cutouts possible
- Installation of sheet metal doors in transparent fixed glazing possible

Approved dimensions

- E30-1 (single leaf)
Inside width (W x H)
1402 x 2500 mm
- E30-2 (double leaf)
Inside width (W x H)
2790 x 2500 mm

Wichtig



Einzelne in dieser Broschüre gezeigten Anwendungsbeispiele und Verarbeitungshinweise entsprechen nicht den in Ihrem Land gültigen Brandschutznormen.

Massgebend sind ausschliesslich die für Ihr Land gültigen Zulassungen.

Important



Les exemples de mise en œuvre présentés ci-après ne sont pas tous conformes à la réglementation en vigueur dans votre pays.

En conséquence, nous vous demandons de vous reporter aux procès-verbaux de classement en cours de validité dans votre pays.

Important



Some of the construction details and processing guidelines, mentioned in this file, do not correspond to the fire protecting standards in your country.

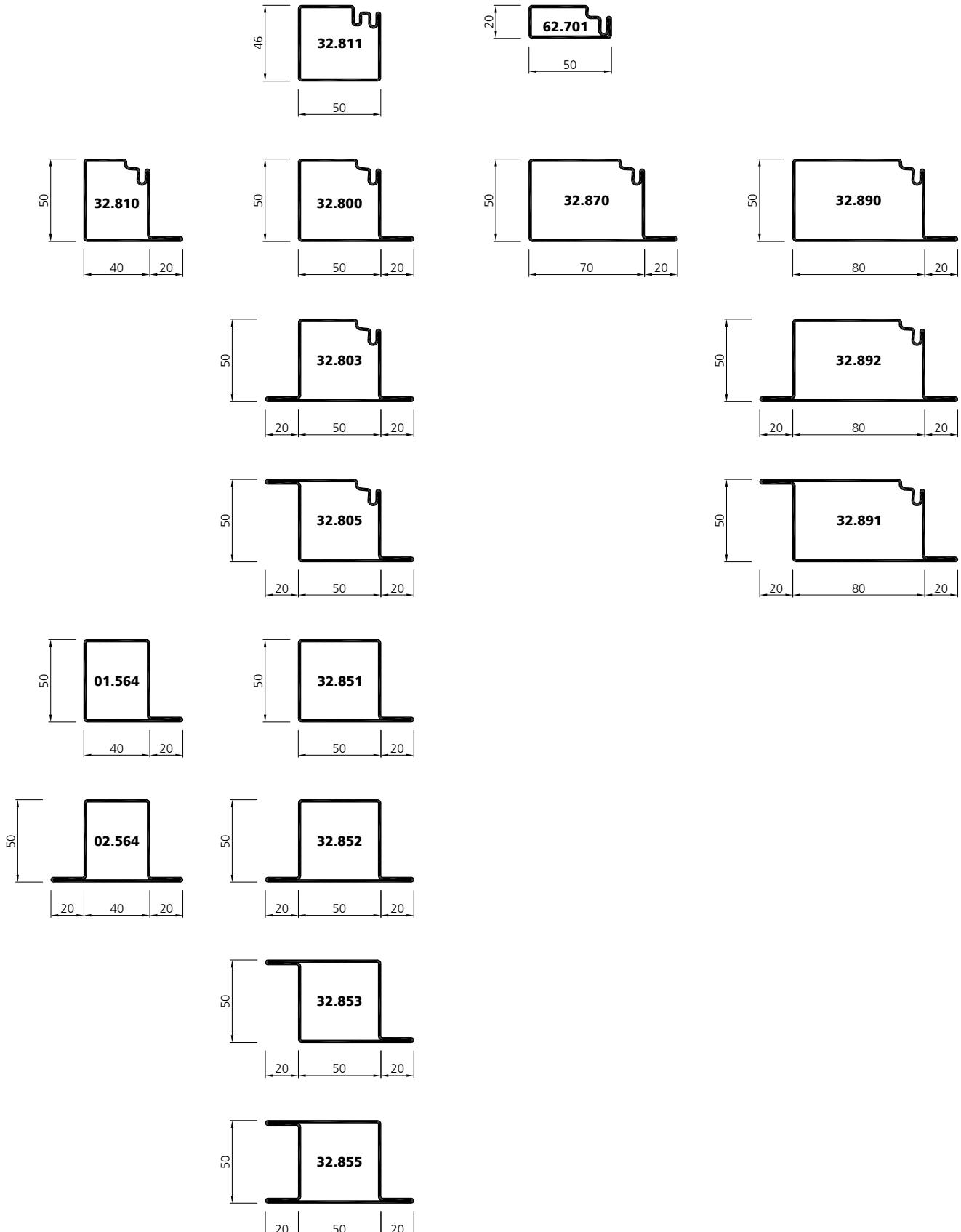
Only the certificates valid in your country are relevant.



Systemübersicht

Tableau du système

Synopsis of system

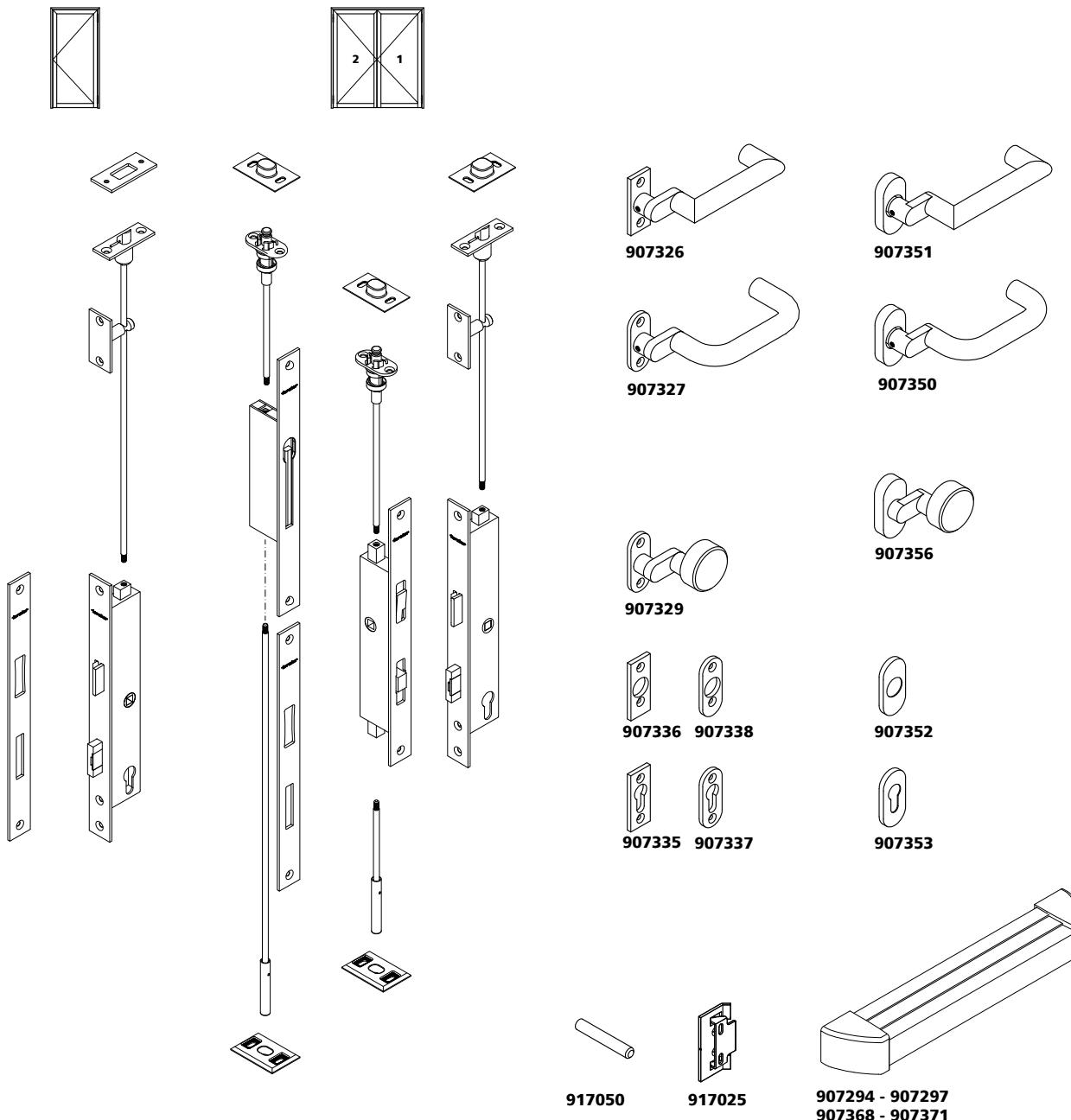
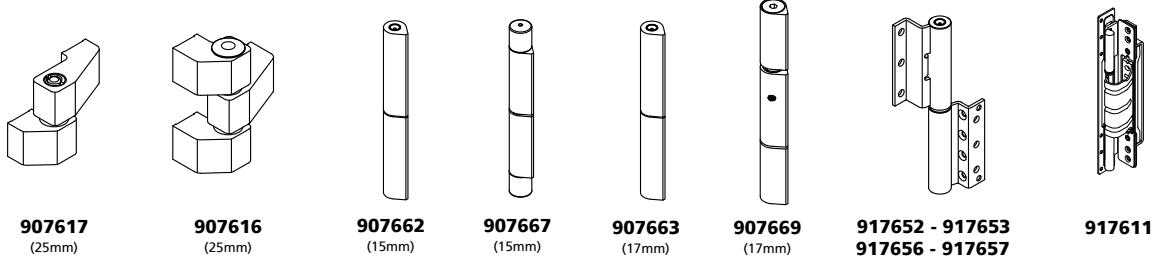




Systemübersicht

Tableau du système

Synopsis of system

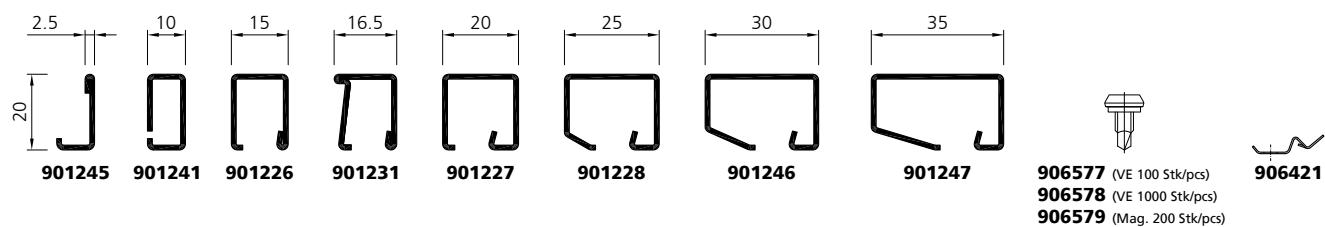




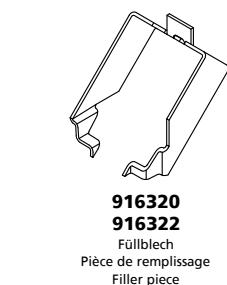
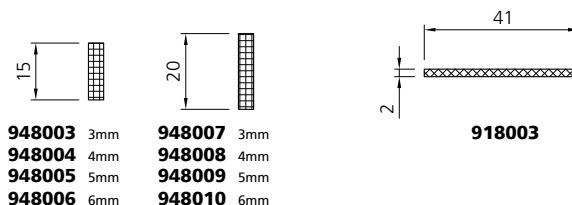
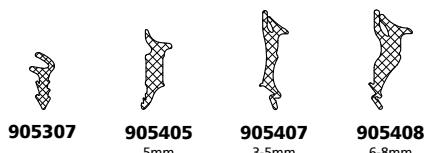
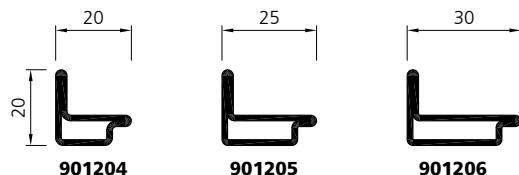
Systemübersicht

Tableau du système

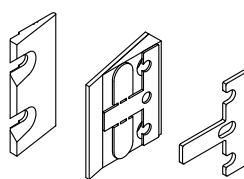
Synopsis of system



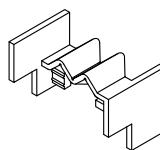
906577 (VE 100 Stk/pcs)
906578 (VE 1000 Stk/pcs)
906579 (Mag. 200 Stk/pcs)



916320
916322
Füllblech
Pièce de remplissage
Filler piece



915000 (1-flg.)
915001 (2-flg.)
Dichtkeil
Pièce d'étanchéité
Sealing wedge



915702
915703
Dichtstück
Pièce d'étanchéité
Sealing piece



Stahl
Acier
Steel

Übersicht Beschlageinbau

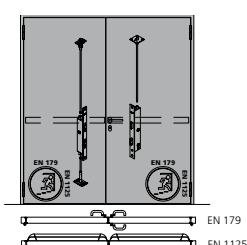
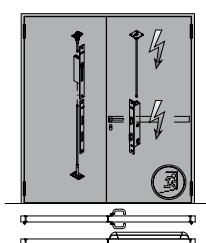
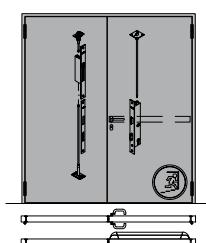
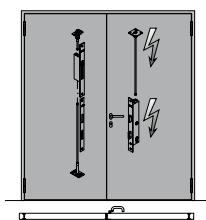
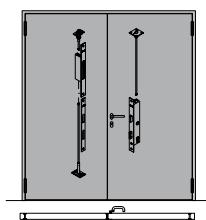
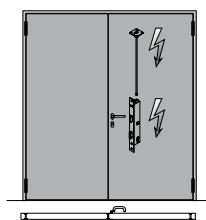
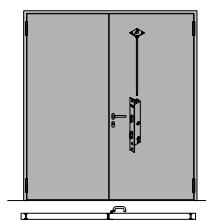
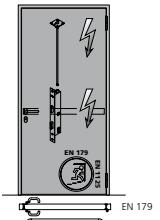
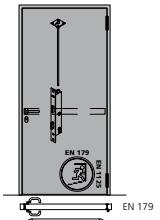
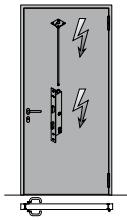
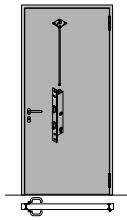
Disposition de la quincaillerie Placement of fittings

 EN 179 Notausgangsverschlüsse
Fermetures sorties d'urgences
Emergency exit devices

 EN 1125 Paniktürverschlüsse
Fermetures anti-paniques
Panic exit devices

 RZ / CR / RC  PZ / CP / PC

 E-Öffner
Ouverture électrique
Electric door opener





Systempläne

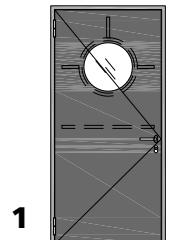
- 1** einflügelige Tür
- 2** • mit Seitenteil
- 3** • mit zwei Seitenteilen
- 4** • mit Oberlicht
- 5** • mit Oberlicht und Seitenteil
- 6** • mit Oberlicht und zwei Seitenteilen
- 7** zweiflügelige Tür
- 8** • mit Seitenteil
- 9** • mit zwei Seitenteilen
- 10** • mit Oberlicht
- 11** • mit Oberlicht und Seitenteil
- 12** • mit Oberlicht und zwei Seitenteilen
- zwei einflügelige Türen
- 13** • mit Mittenteil
- 14** • mit Mitten-, Seitenteil und Oberlicht

Plans du système

- porte à un vantail
- avec partie latérale fixe
- avec deux parties latérales fixes
- avec imposte
- avec imposte et partie latérale fixe
- avec imposte et deux parties latérales fixes
- porte à deux vantaux
- avec partie latérale fixe
- avec deux parties latérales fixes
- avec imposte
- avec imposte et partie latérale fixe
- avec imposte et deux parties latérales fixes
- deux portes à un vantail
- avec partie centrale
- avec partie centrale, partie latérale fixe et imposte

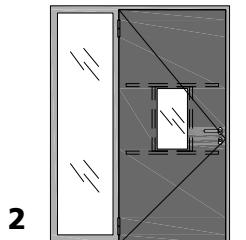
System plans

- single-leaved door
 - with screen abutment
 - with 2 screen abutments
 - with fanlight
 - with fanlight and screen abutment
 - with fanlight and 2 screen abutments
- double-leaved door
 - with screen abutment
 - with 2 screen abutments
 - with fanlight
 - with fanlight and screen abutment
 - with fanlight and 2 screen abutments
- two single leaved doors
 - with centre screen
 - with centre screen, screen abutment and fanlight



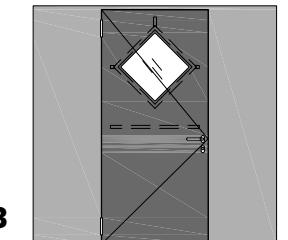
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■ pr_sp_0150



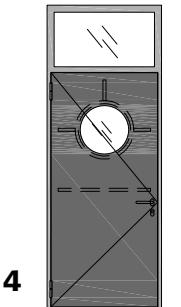
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■ pr_sp_0151



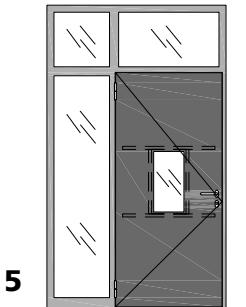
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■ pr_sp_0152



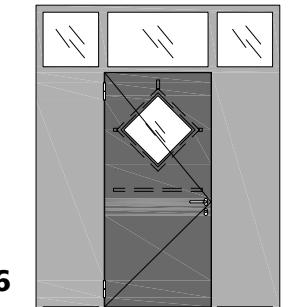
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■ pr_sp_0153



5

■ pr_sp_0154



6

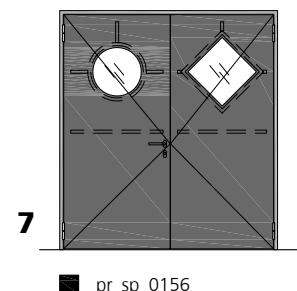
■ pr_sp_0155



Systempläne

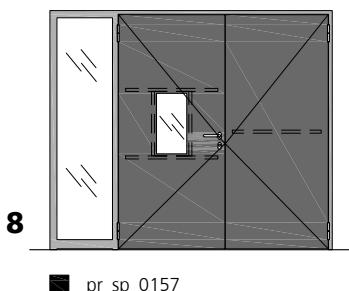
Plans du système

System plans



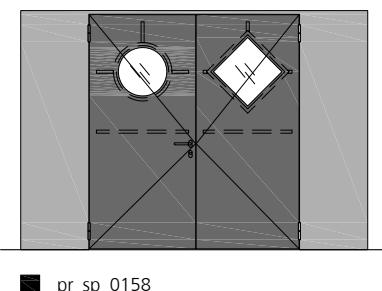
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pr_sp 0156



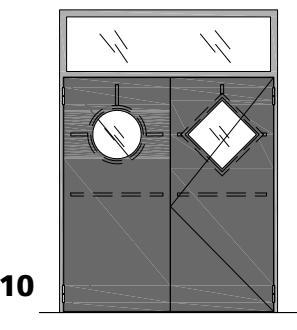
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pr_sp 0157



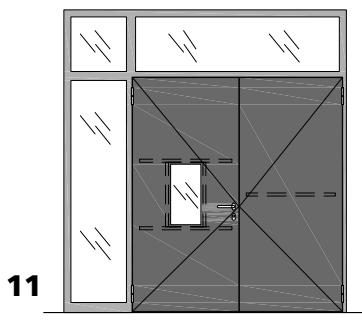
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pr_sp 0158



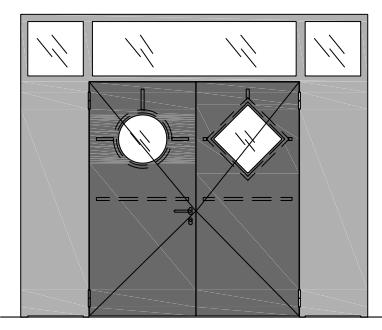
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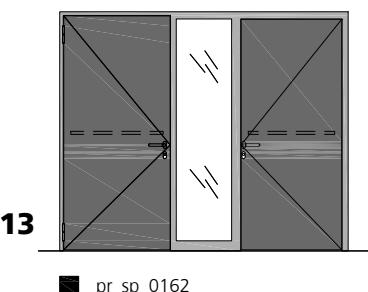
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pr_sp 0160



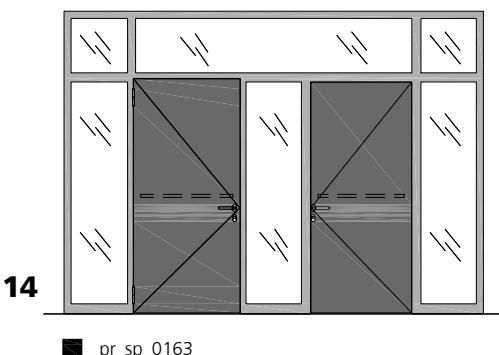
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pr_sp 0161



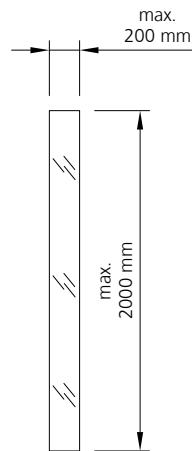
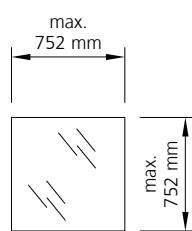
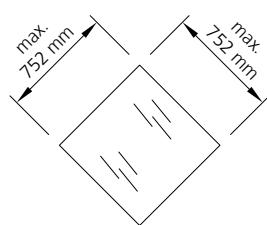
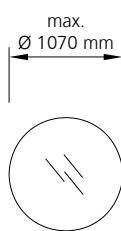
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pr_sp 0162



14

pr_sp 0163





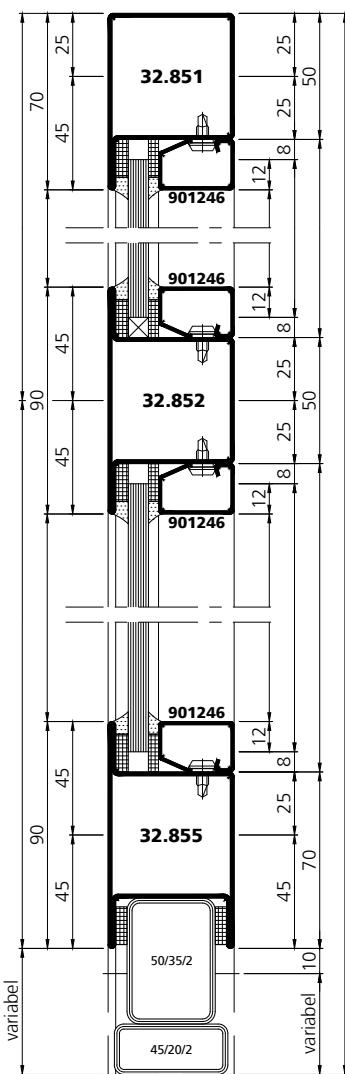
Systempläne

Plans du système

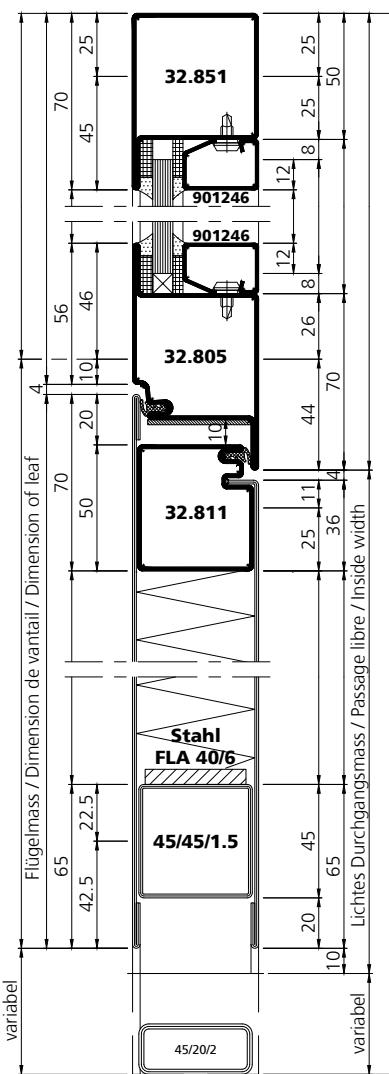
System plans

pr sp 0154

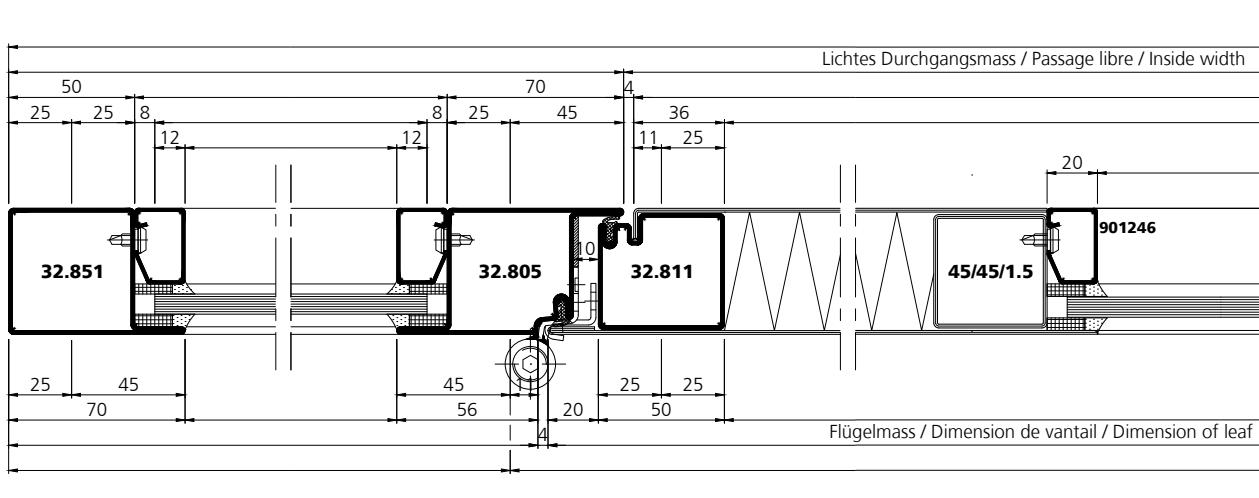
A - A



B - B



D - D

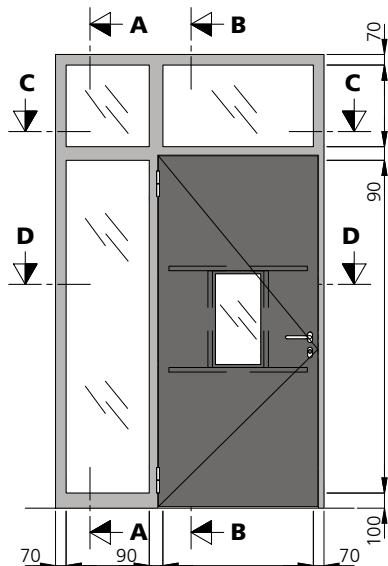


Systempläne

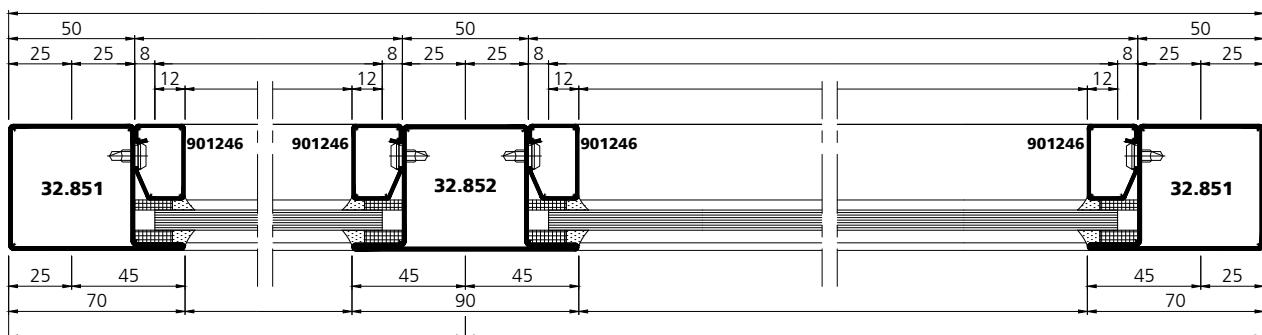
Plans du système

System plans

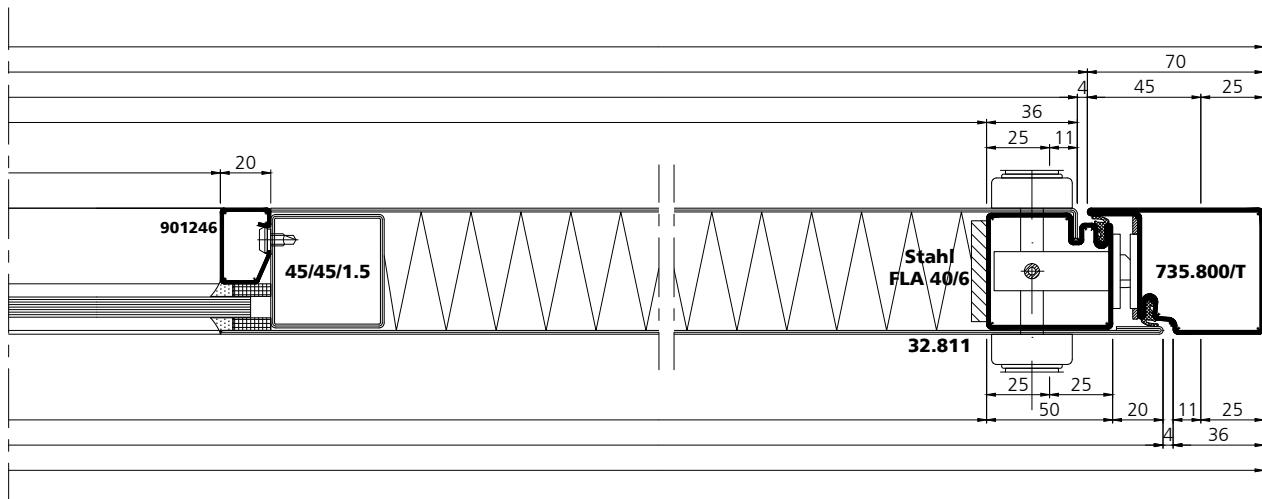
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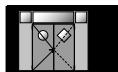


C - C



D - D





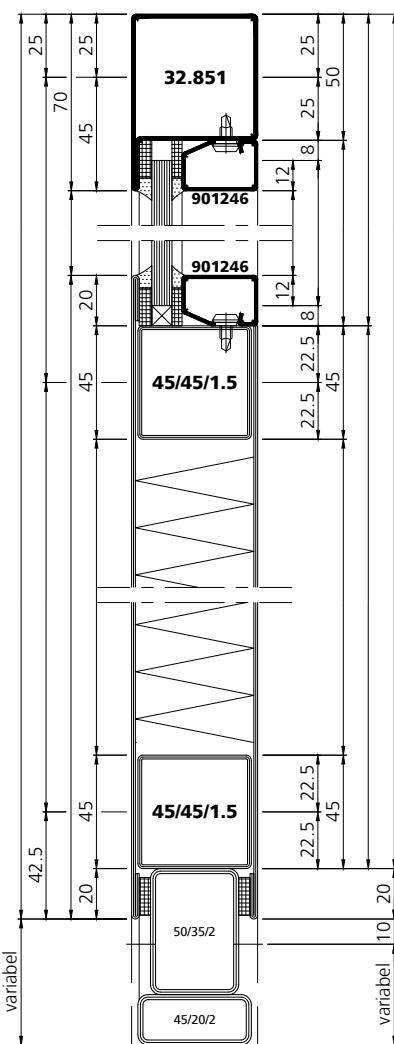
Systempläne

Plans du système

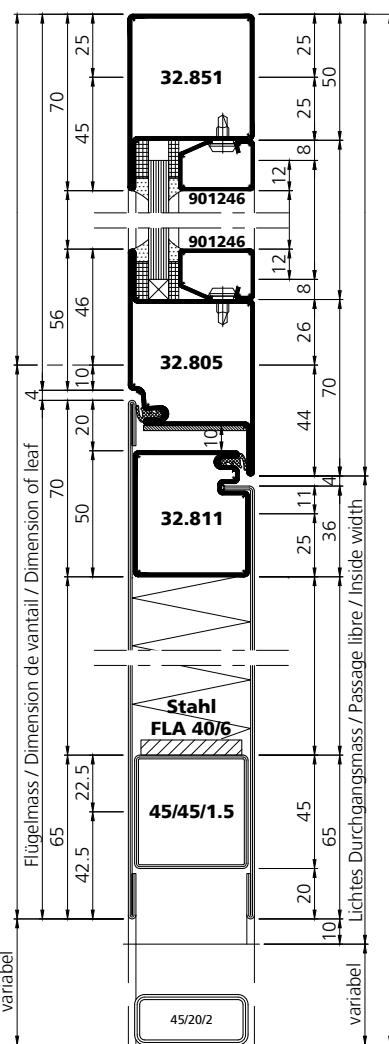
System plans

pr sp 0161

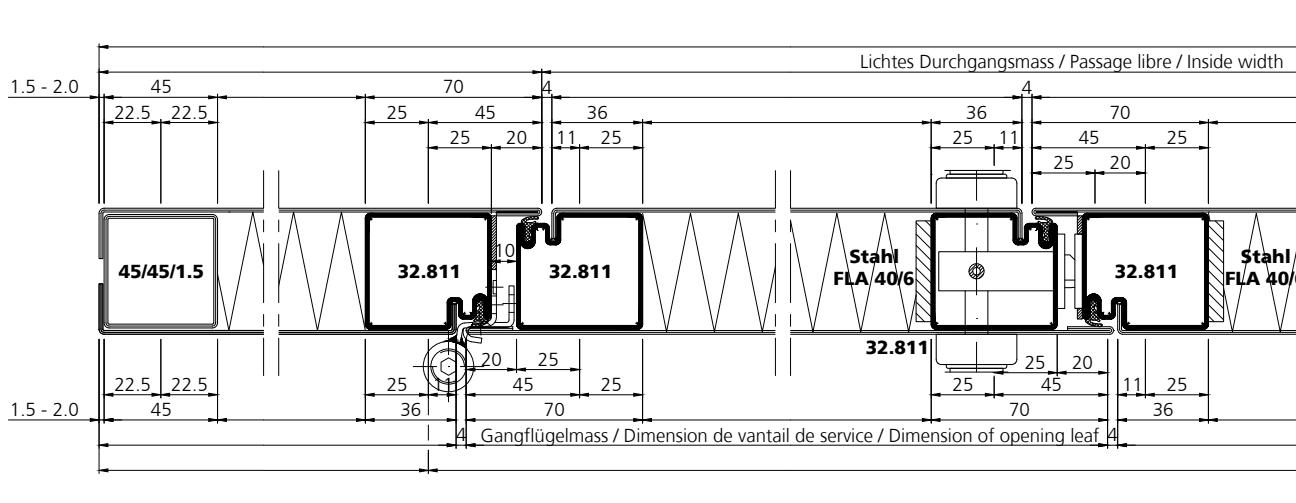
A - A



B - B



D - D



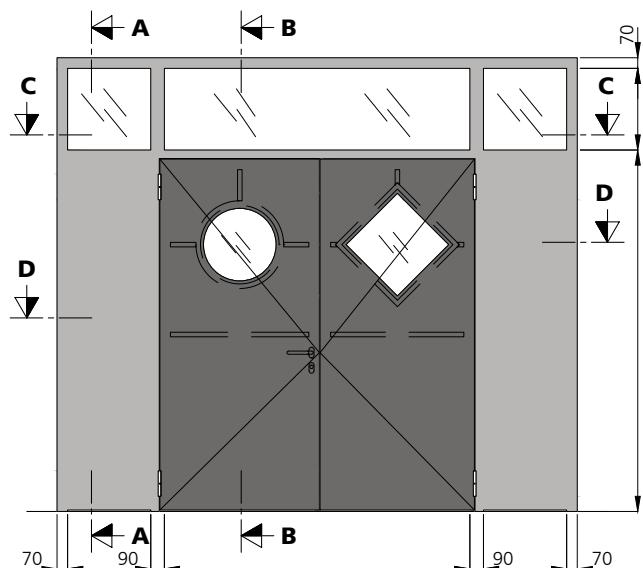
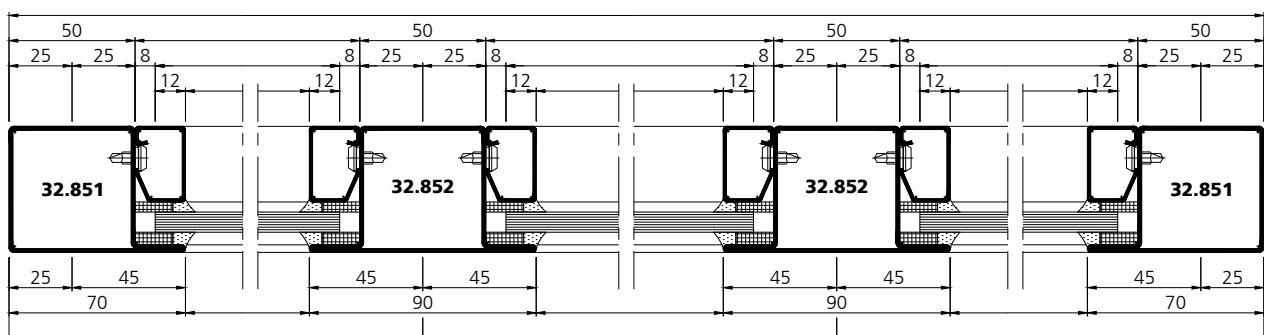
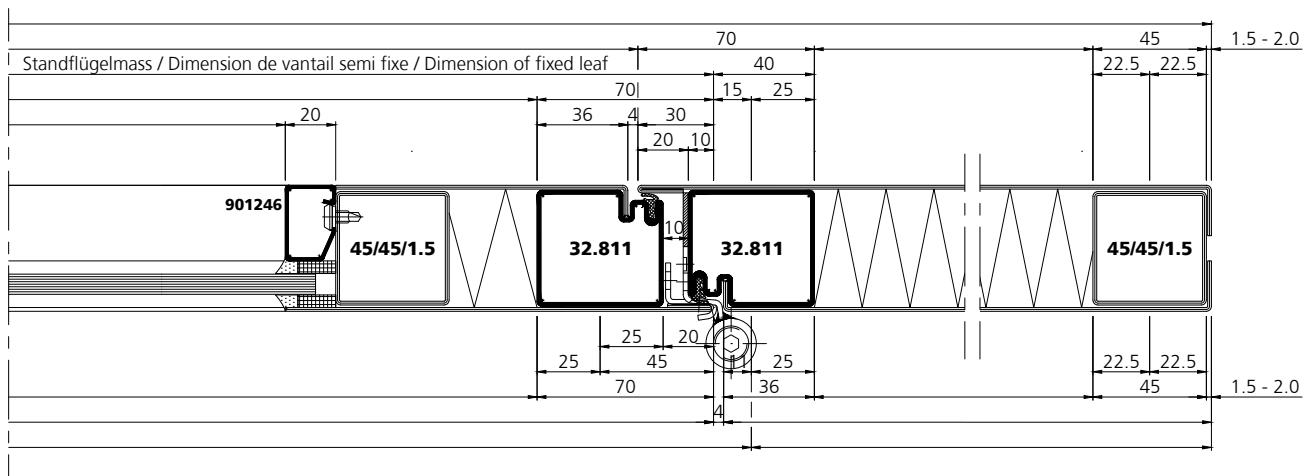


Systempläne

Plans du système

System plans

pr_sp 0161

**C - C****D - D**

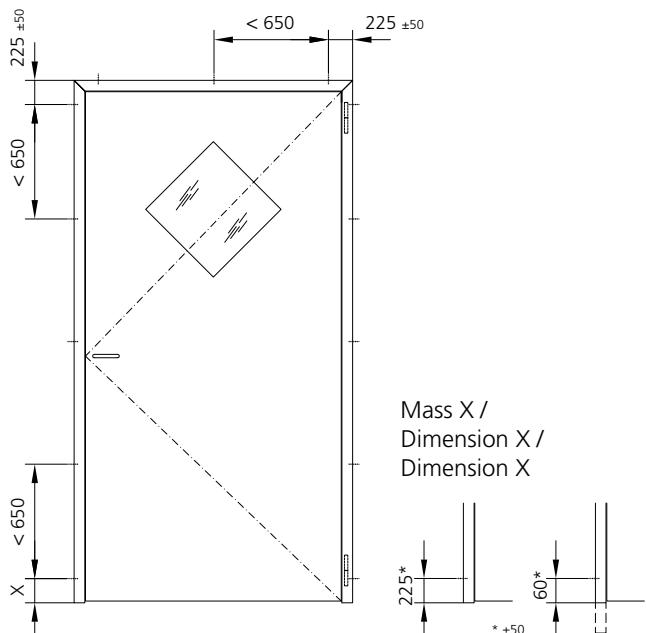


Befestigungspunkte

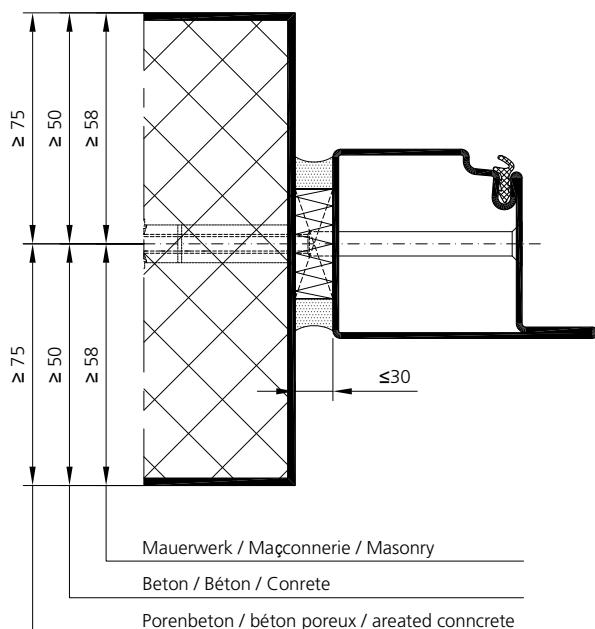
Points de fixation

Fixing points

1-flügelige Tür Porte à 1 vantail Single leaf door

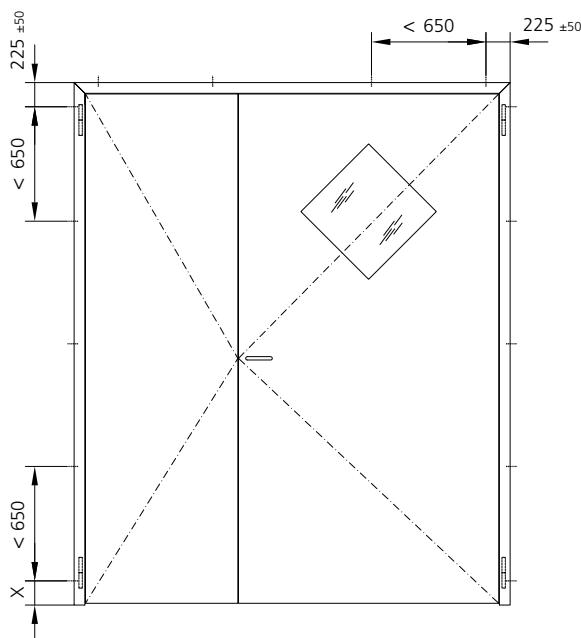


Wandanschlüsse Raccords muraux Wall abutments



2-flügelige Tür Porte à 2 vantaux Double leafed door

Weitere Anschlüsse siehe presto Verarbeiterordner
Autres raccords, voir classeur de mise en oeuvre presto
Further connections see presto processing manuals



Zugelassene Dübel
-Zugelassener KS/St-Dübel Ø 10 mit dazugehöriger Stahlschraube
-Universalschraube "HILTI HUS" 7.5
-Spreizdübel "Fischer G10" (für Porenbeton)

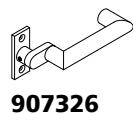
Chevilles autorisées
-Chevilles plastiques/acier Ø 10 homologuées avec vis en acier assorties
-Vis universelles "HILTI HUS" 7.5
-Chevilles à expansion "Fischer G10" (pour béton alvéolaire)

Approved anchors
-Approved plastic/steel dowel Ø 10 with appropriate steel screw
-Multi purpose screw "HILTI HUS" 7.5
-Expansion plug "Fischer G10" (for aerated concrete)

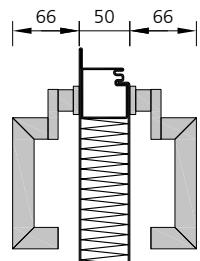


**Durchgangsbreite bei 90°
Flügelöffnung**

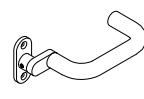
Türdrücker
und -knopf
Poignée de porte
et Bouton de porte
Door handle
and -knob



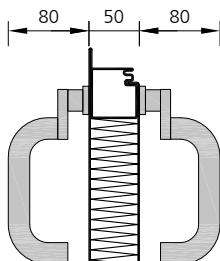
907326



**Passage avec une ouverture
de vantail de 90°**



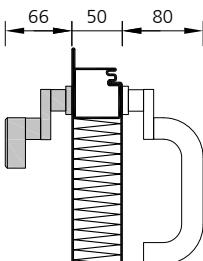
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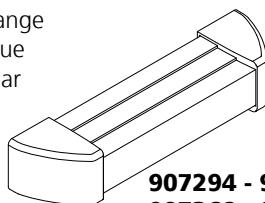
**Inside width with 90° leaf
opening**



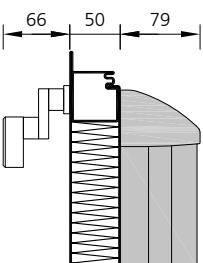
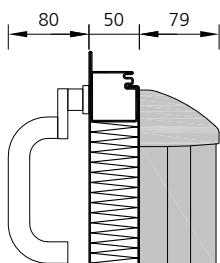
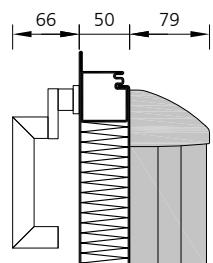
907329



Antipanik-Druckstange
Pushbar anti-panique
Anti-panic touch-bar



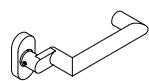
**907294 - 907297
907368 - 907371**





**Durchgangsbreite bei 90°
Flügelöffnung**

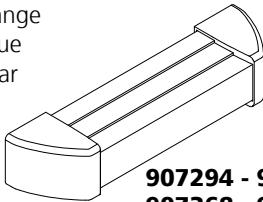
Türdrücker
und -knopf
Poignée de porte
et Bouton de porte
Door handle
and -knob



907351



Antipanik-Druckstange
Pushbar anti-panique
Anti-panic touch-bar

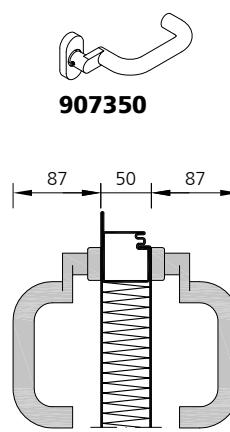


**907294 - 907297
907368 - 907371**

**Passage avec une ouverture
de vantail de 90°**



907350

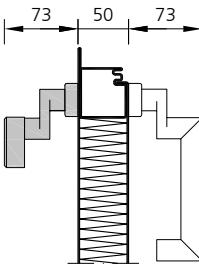


87 50 87

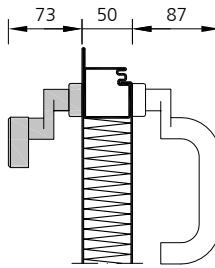
**Inside width with 90° leaf
opening**



907356



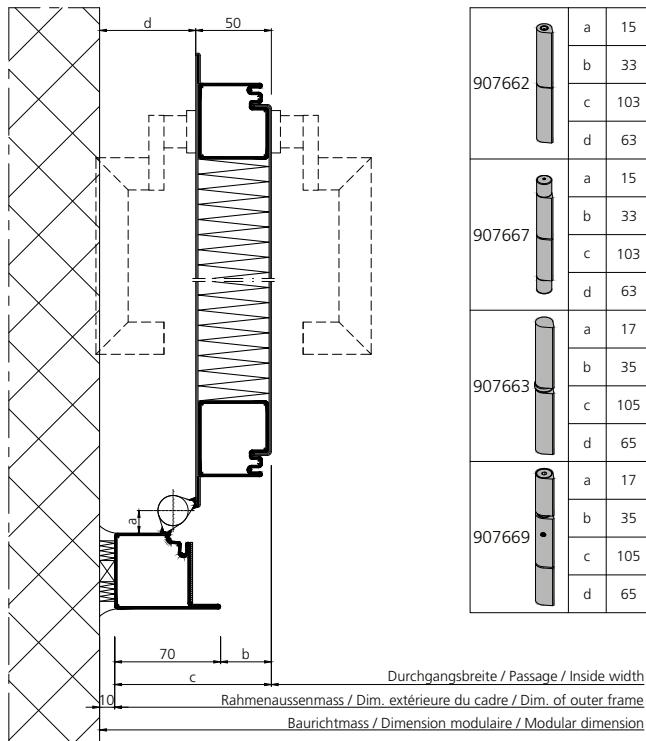
73 50 73



73 50 87

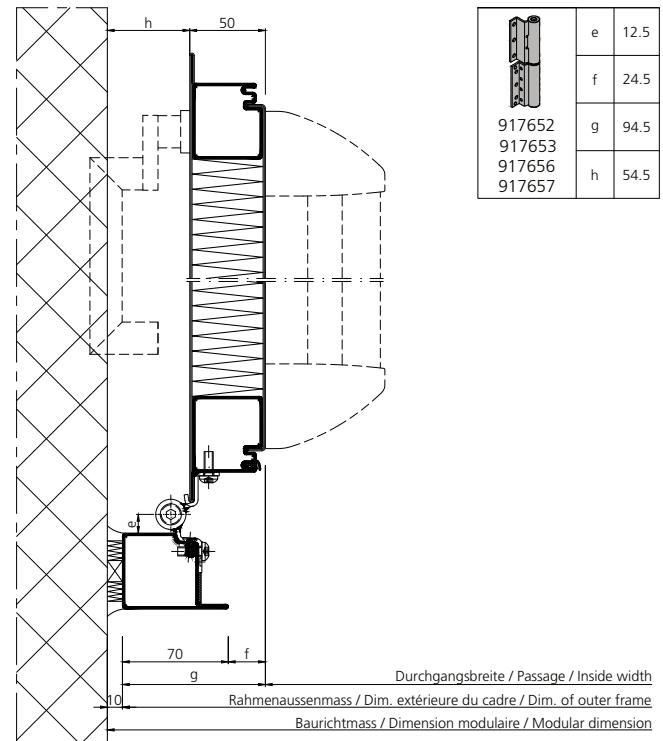


**Durchgangsbreite bei 90°
Flügelöffnung**



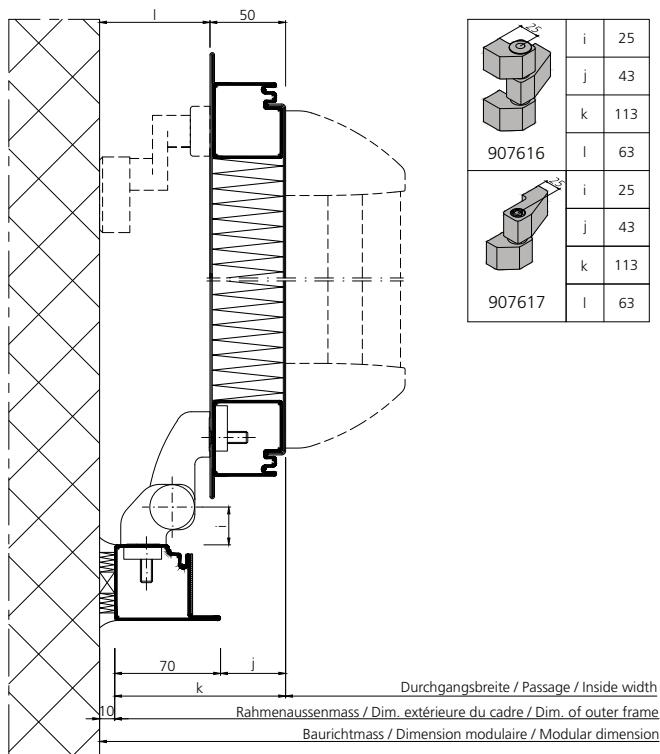
**Passage avec une ouverture
de vantail de 90°**

907662	a	15
907667	b	33
907663	c	103
907669	d	63
	a	15
	b	33
	c	103
	d	63
	a	17
	b	35
	c	105
	d	65
	a	17
	b	35
	c	105
	d	65

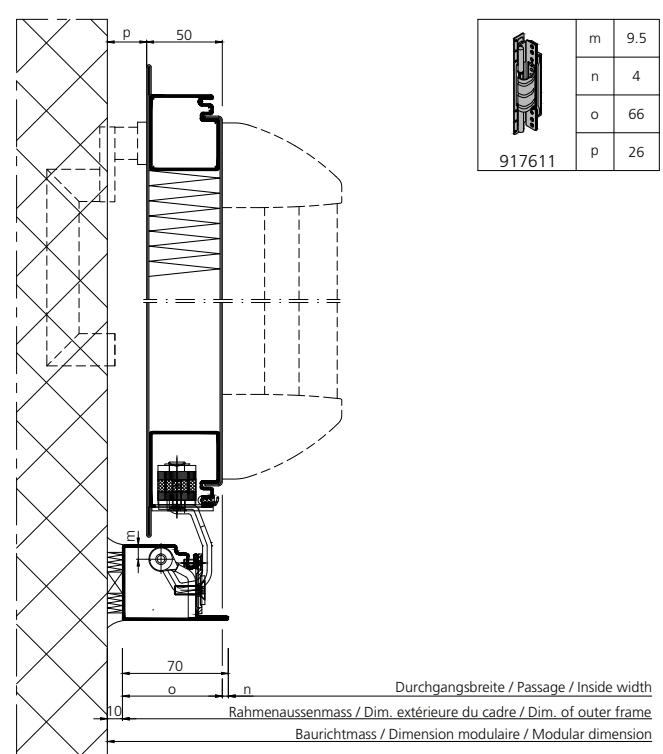


**Inside width with 90° leaf
opening**

917652	e	12.5
917653	f	24.5
917656	g	94.5
917657	h	54.5



907616	i	25
	j	43
	k	113
	l	63
907617	i	25
	j	43
	k	113
	l	63

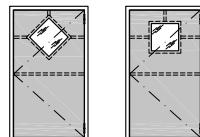
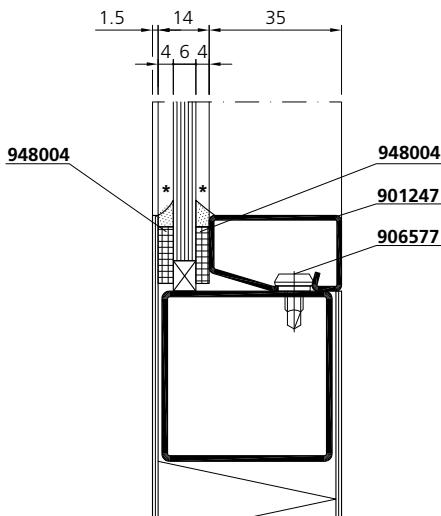




Verglasungsvarianten

Variantes de vitrages

Alternative glazing versions

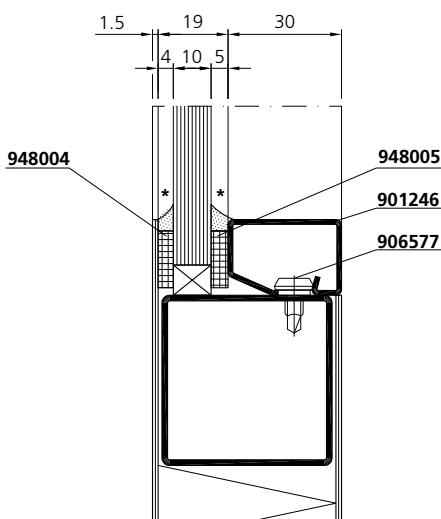
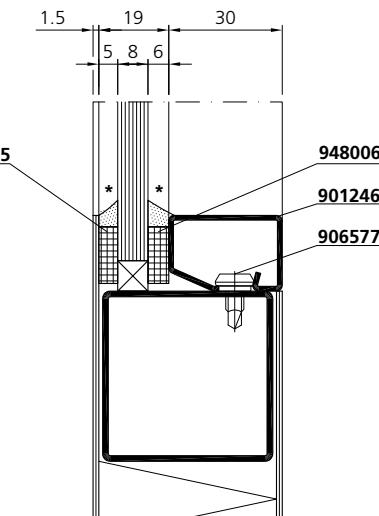


Einbau Eckig
Montage en angle
Installation square

Glas max. Grösse
Verre Dim. max.
Glass max. size

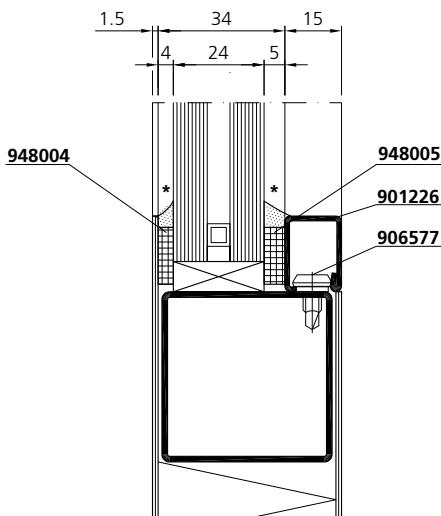
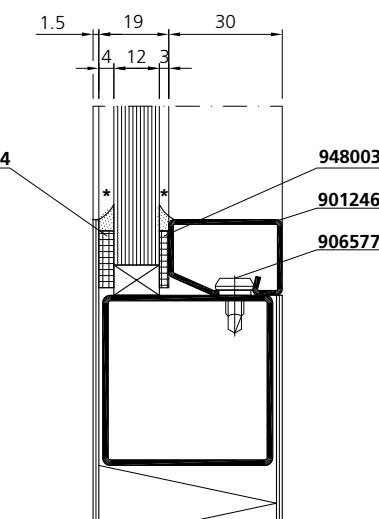
0.56 m² (0.75 x 0.75 m)
0.40 m² (0.20 x 2.00 m)

Glasunterlage
Hartholzklotz L=80-100
wahlweise Promatect H
Support de verre
Cale de bois dur L=80-100
au choix Promatect H
Glass support
Hard wood clog L=80-100
optionally Promatect H



* Wahlweise Versiegelung durch Silikon- oder Acryl-Dichtstoff.
Protection au choix avec joint silicone ou acrylique.
optionally sealed with silicone or acryl sealant.

** Verschraubungen mittels Schraube M4 wahlweise Blechschaube Ø 4.8 x 38 Abstände a (Ecke) ≤ 70 / ≤ 400 mit Gewinde oder mittels St.-Einnietmutter.
Fixation avec vis M4 au choix vis à tôle, Ø 4.8 x 38, distances a (coin) ≤ 70 / ≤ 400 avec filetage ou au moyen d'un rivet taraudé en acier.
mounted with M4 screw optionally sheet-metal screw Ø 4.8 x 38 distances a (corner) ≤ 70 / ≤ 400 with thread or with standard rivet nut.

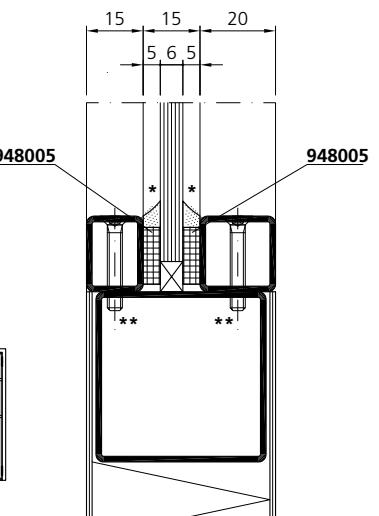


Einbau Rund
Montage circulaire
Installation round

Glas max. Grösse
Verre Dim. max.
Glass max. size

0.90 m² (Ø 1.070 m)

Stahlrohr s ≤ 1.5 mm
Stahlwinkel s ≤ 2 mm
Tube en acier s ≤ 1.5 mm
équerre en acier s ≤ 2 mm
Steel tube s ≤ 1.5 mm
Steel angles s ≤ 2 mm



**Verglasung**

Zugelassene Gläser

Vitrage

Verres homologués

Glazing

Approved glasses

Brandschutzverglasung vitrées coupe-feu fire protective glazing	Klasse classe class
"Fireswiss E30-6" (6 mm)	E
"Fireswiss E30-8" (8 mm)	E
"Fireswiss E30-10" (10 mm)	E
"Interflam E" (6 mm)	E + EW
"Interflam E" (8 mm)	E
"Interflam E" (10 mm)	E
"Interflam EW 60/13-2" (13 mm)	E + EW
"Interflam EW 66.2" (12 mm)	E
"Pyroclear 30-001" (6 mm)	E
"Pyroclear 30-002" (8 mm)	E
"Pyroclear 30-003" (10 mm)	E
"Pyrostop 30-10" (15 mm)	E + EW
"Pyrostop 30-200" (14 mm)	E + EW
"Pyran S" (≥ 5 mm)	E
"Pyran S ISO" (26 mm)	E

Länderspezifische Zulassungen
beachten!

Respecter les homologations valables
dans votre pays!

Take note of the country-specific
approvals!

**Das System auf einen Blick****Le système en un coup d'œil****The system at a glance****Ausgangsmaterial**

- Stahl blank
- Stahl ZM (Zink Magnesium)

Abmessungen

- Schmalste Profilquerschnitte:
Kastenbreite 25 mm
- Blendrahmen-/Flügelmaß 80 / 95 mm
- Bautiefe Flügel 50 / 60 mm
- Bautiefe Rahmen 50 mm
- Wandstärke 1.5 mm

Bauarten

- Flächenbündig: Bautiefe 50mm
- Flächenversetzt: Bautiefe 50 / 60mm

Öffnungsarten

- 1-flügelige Dreh- & Drehkippfenster
- 2-flügelige Drehfenster

Beschlag Fenster

- Spezialbeschläge auf Anfrage

Schutz und Sicherheit

- CE-Kennzeichnung nach EN 14351-1

Verarbeitung

- Äußerst wirtschaftliche Fertigung ohne Sondereinrichtung

Länderspezifische Zulassungen beachten!**Matériaux de base**

- Acier brut
- Acier ZM (zinc-magnésium)

Dimensions

- Finesse des profilés :
largeur des corps 25 mm
- Dimensions du cadre dormant / vantail 80 / 95 mm
- Profondeur du vantail de 50 / 60 mm
- Profondeur du dormant de 50 mm
- Épaisseur 1.5 mm

Variantes de construction

- Affleurant : Profondeur 50mm
- Décalé : Profondeur 50 / 60mm

Genres d'ouvertures

- à un vantail fenêtre ouvrant à la française/
oscillo-battant
- à 2 vantaux fenêtre ouvrant à la française

Quincailleries fenêtre

- Quincaillerie spéciaux sur demande

Protection et sécurité

- Marquage CE selon EN 14351-1

Finitions

- Fabrication extrêmement économique
sans outillage spécial

Respecter les homologations valables dans votre pays!**Base material**

- Steel, bright
- Steel ZM (zinc-magnesium)

Dimensions

- Extremely slim profile cross-sections:
box width 25 mm
- Outer frame / leaf size 80 / 95 mm
- Structural depth leaf 50 / 60 mm
- Structural depth frame 50 mm
- Wall thickness 1.5 mm

Construction variations

- Flush: Structural depth 50mm
- Recessed: Structural depth 50 / 60mm

Types of openings

- 1-leaf turn/turn and tilt window
- 2-leaf turning window

Fittings window

- Special fittings on request

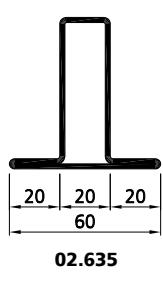
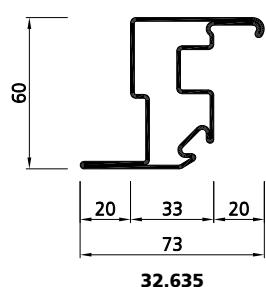
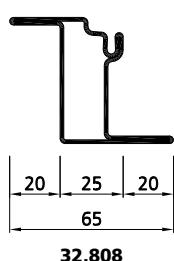
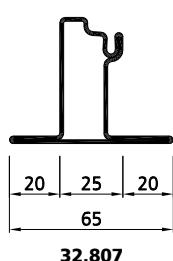
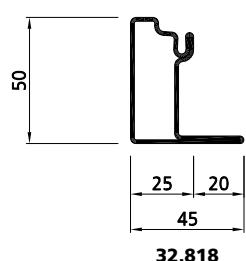
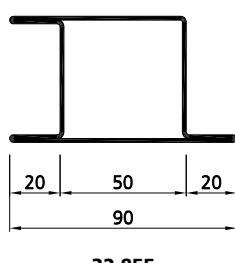
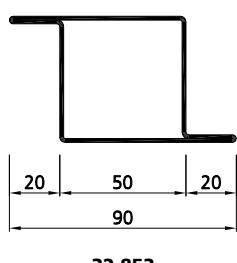
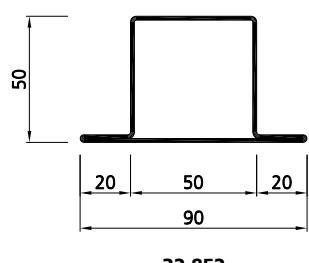
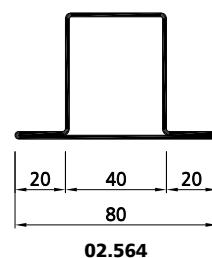
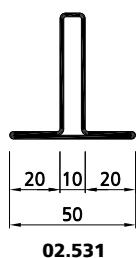
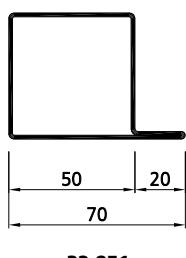
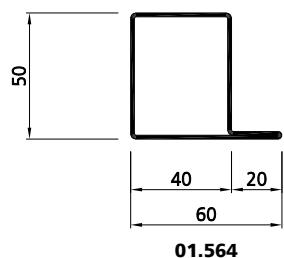
Protection and safety

- CE-Marking according to EN 14351-1

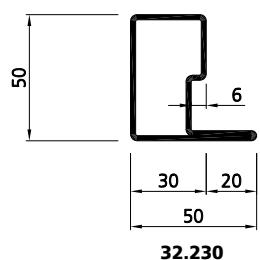
Processing

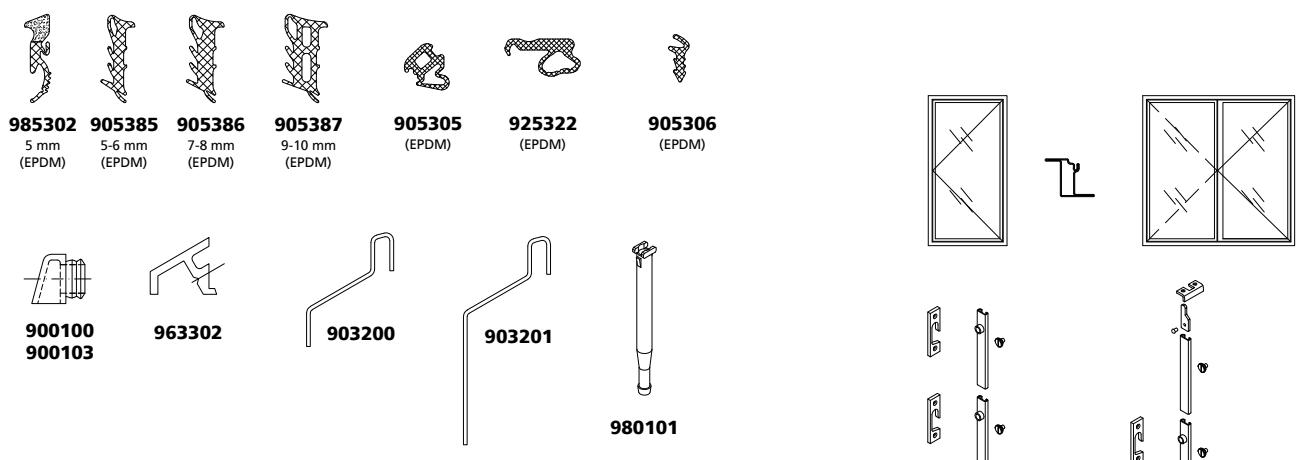
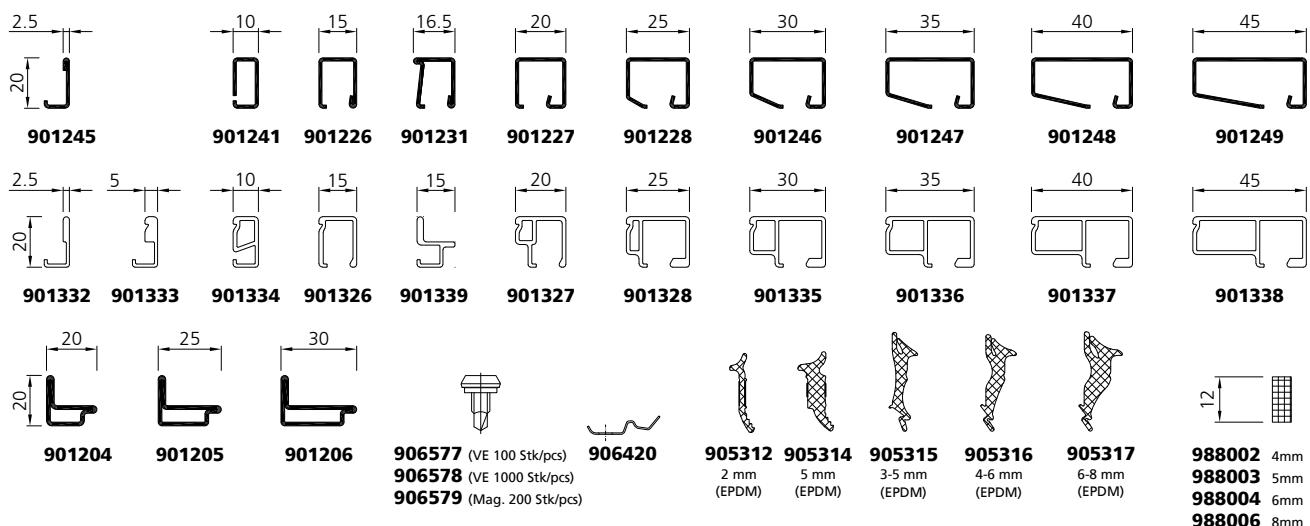
- Extremely economical manufacture with no special machinery needed.

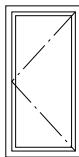
Take note of the country-specific approvals!

Systemübersicht**Tableau du système****Synopsis of system**

weitere Profile Bautiefe 50 mm siehe forster norm Broschüre, wie zum Beispiel
Autres profils profondeur de construction 50 mm voir forster norm brochure, par exemple
Further profiles construction depth 50 mm see forster norm brochure, for example



Systemübersicht**Tableau du système****Synopsis of system**

Beschlagsübersicht 1-flügelig

Drehflügel
1-flügelig
DIN links und DIN rechts
Ouverture à la française
1-vantail
DIN droite ou gauche
Side-hung window
Single leaf
DIN left and DIN right

**Tableau du ferments
à 1 vantail**

Höhe / Hauteur / Height	Art. Nr. / art. no.	Grifftyp / type de poignée / type of handle
- 1200 mm	① 907110*	Standard
	907122*	verschiedenschliessend / clés différentes / keyed differently (mit 2 Schlüsseln / avec 2 clés / with 2 keys)
	907123*	gleichschliessend / clé unique / keyed alike (mit 2 Schlüsseln / avec 2 clés / with 2 keys)
1201 - 2000 mm	② 907111*	Standard
	907124*	gleichschliessend / clé unique / keyed alike (mit 2 Schlüsseln / avec 2 clés / with 2 keys)
2001 - 2500 mm	③ 907112*	Standard

* auf Anfrage / sur demande / on request

Die Beschlagsteile sind unmontiert, alle lose beigelegt. Für den Einbau des Beschlags benötigt man ein Kammermaß von 16 mm zwischen Flügel und Rahmen.

La quincaillerie n'est pas monté (en vrac). Pour le montage de la quincaillerie un espace de 16 mm entre le vantail et le cadre est nécessaire.

The fittings are not assembled, they're delivered separately. For installation of the fittings there is a rebate of 16 mm needed between frame- and leafprofile.

①

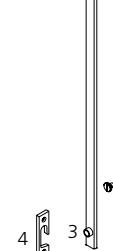
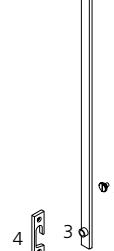
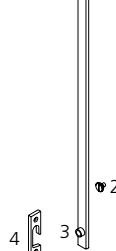
-
- 1 C-Schiene
2 Führungsschraube
3 Rollenzapfen
4 Schliessblech
5 Angriffsdruck
6 Fenstergriff

②

-
- 1 triangle "C"
2 vis de guidage
3 galets à rouleau
4 gâches
5 galet d'entrainement
6 poignée

③

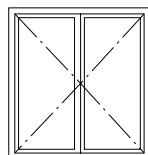
-
- 1 C-rail
2 guiding screw
3 rolling bolt
4 keep
5 spike
6 handle



Anschweißbandrollen müssen zusätzlich über den Beschlagshandel bestellt werden.

Les paumelles à souder doivent être commandées séparément (marché).

Weld-on hinges have to be ordered separately by a distributor.

**Beschlagsübersicht 2-flügelig****Tableau du ferments
à 2 vantaux****Synopsis of fittings
double leaved**

Drehflügel
2-flügelig
DIN links und DIN rechts
Ouverture à la française
2-vantaux
DIN droite ou gauche

Side-hung window
Double leaved
DIN left and DIN right

Höhe bis / hauteur / height	Garnitur-Nr. / no de garniture / Kit-no.	Grifftyp / type de poignée / type of handle
- 1200 mm	(1) 907119*	Standard
1201 - 2000 mm	(2) 907120*	Standard
2001 - 2500 mm	(3) 907121*	Standard

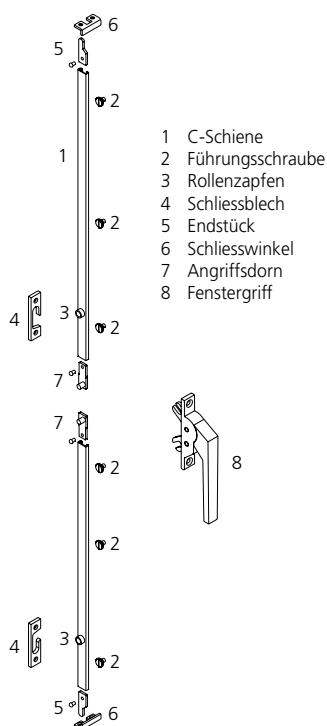
* auf Anfrage / sur demande / on request

Die Beschlagsteile sind unmontiert, alle lose beigelegt. Für den Einbau des Beschlags benötigt man ein Kammermaß von 16 mm zwischen Flügel und Rahmen.

La quincaillerie n'est pas monté (en vrac). Pour le montage de la quincaillerie un espace de 16 mm entre le vantail et le cadre est nécessaire.

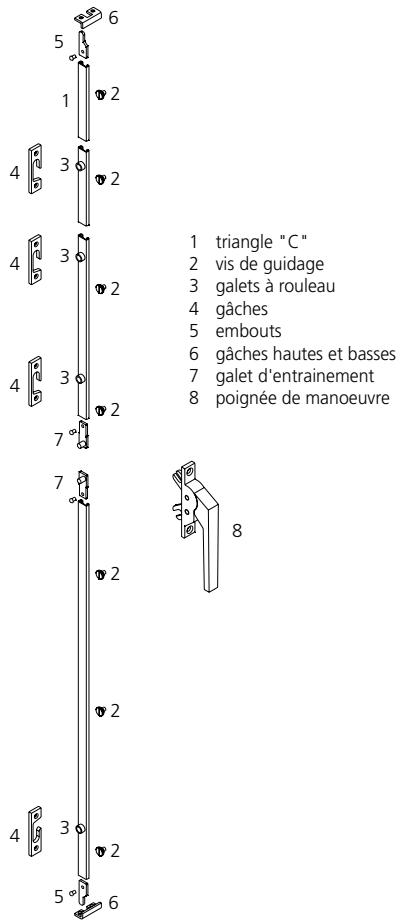
The fittings are not assembled, they're delivered separately. For installation of the fittings there is a rebate of 16 mm needed between frame- and leafprofile.

(1)



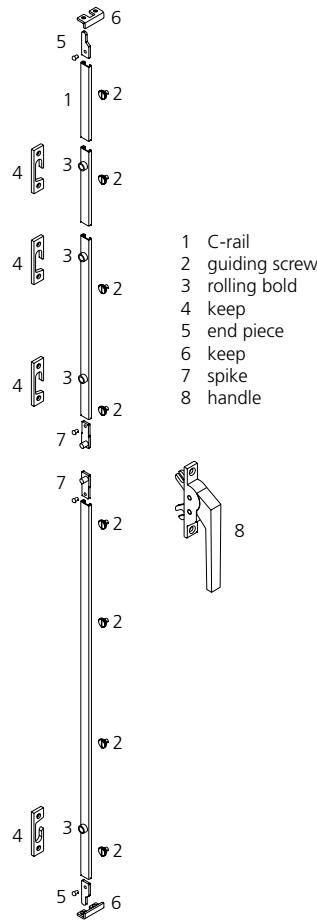
- 1 C-Schiene
- 2 Führungsschraube
- 3 Rollenzapfen
- 4 Schließblech
- 5 Endstück
- 6 Schließwinkel
- 7 Angriffsdrorn
- 8 Fenstergriff

(2)



- 1 triangle "C"
- 2 vis de guidage
- 3 galets à rouleau
- 4 gâches
- 5 embouts
- 6 gâches hautes et basses
- 7 galet d'entraînement
- 8 poignée de manoeuvre

(3)

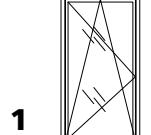
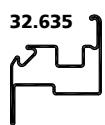


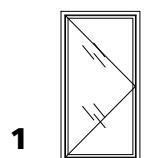
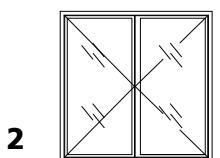
- 1 C-rail
- 2 guiding screw
- 3 rolling bold
- 4 keep
- 5 end piece
- 6 keep
- 7 spike
- 8 handle

Anschweißbandrollen müssen zusätzlich über den Beschlagshandel bestellt werden.

Les paumelles à souder doivent être commandées séparément (marché).

Weld-on hinges have to be ordered separately by a distributor.

Systempläne**Plans du système****System plans****1** Drehkipp-Flügel**2** Kipp-Flügel
 Stahl / Acier / steel

 [pr_sp_0014](#)

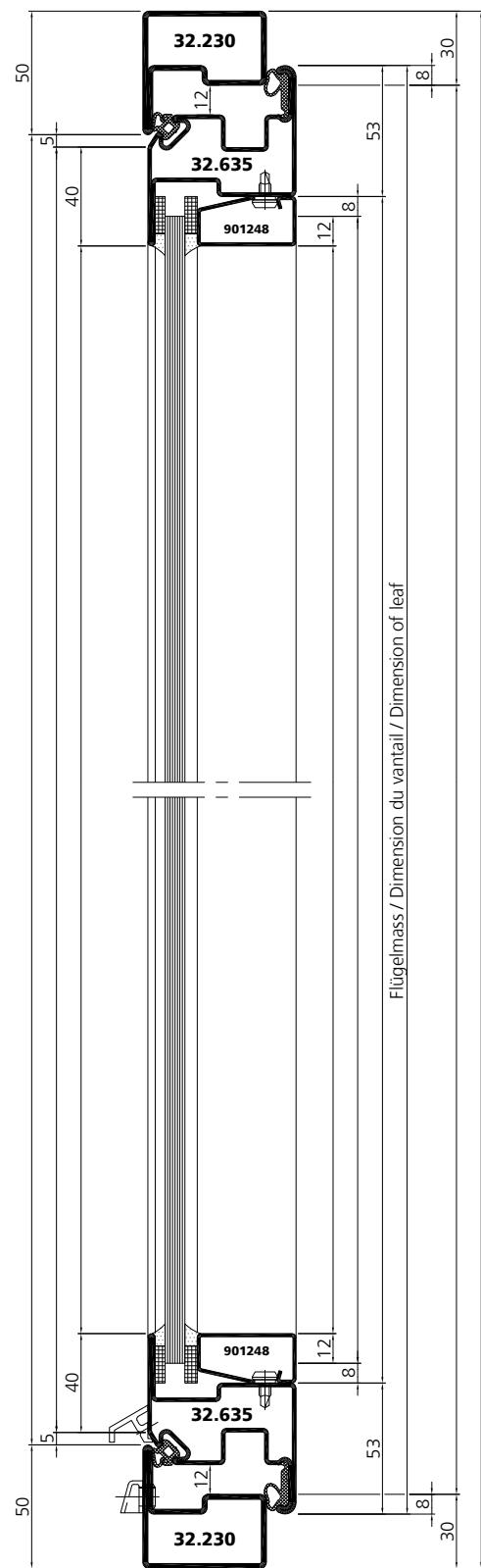
 [pr_sp_0016](#)
1 Dreh-Flügel**2** Stulp-Flügel Dreh/Dreh
 Stahl / Acier / steel

 [pr_sp_0019](#)

 [pr_sp_0020](#)



Systempläne

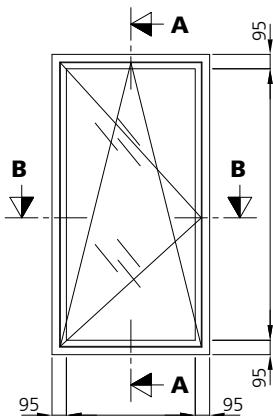
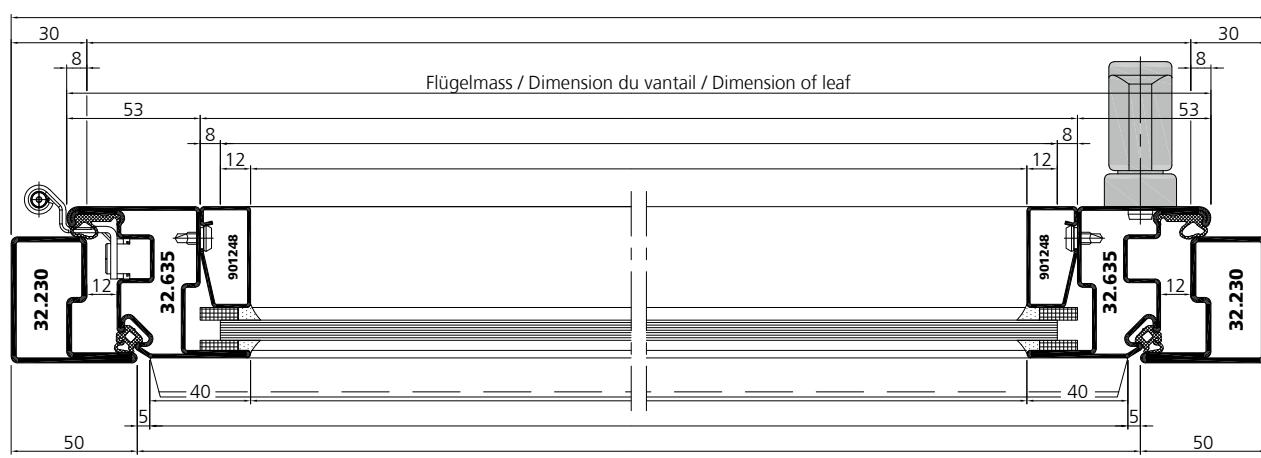
Plans du système

System plans

 pr_sp_0014**A - A**

Systempläne**Plans du système****System plans**

pr_sp_0014

**B - B**



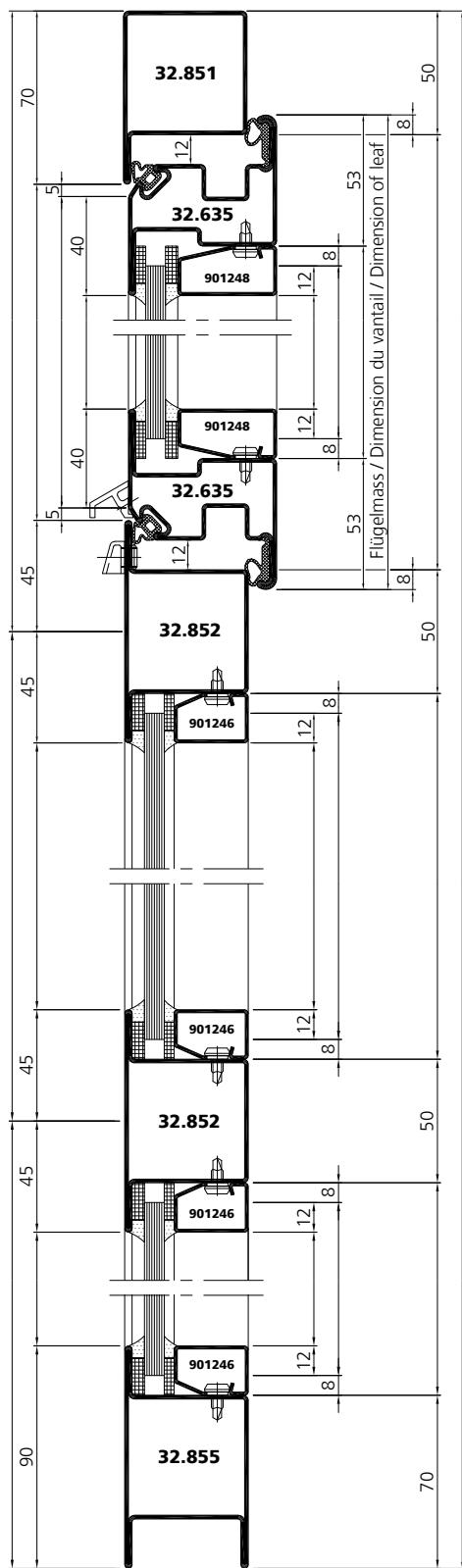
Systempläne

Plans du système

System plans

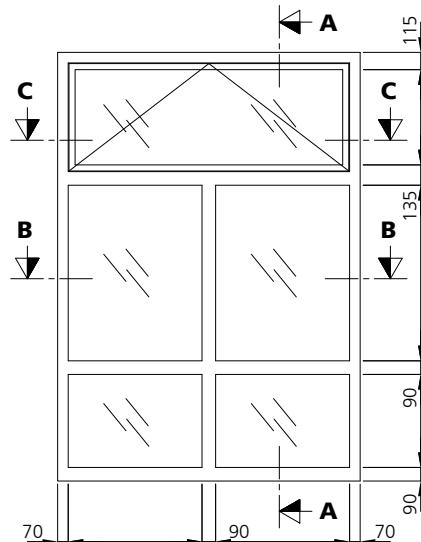
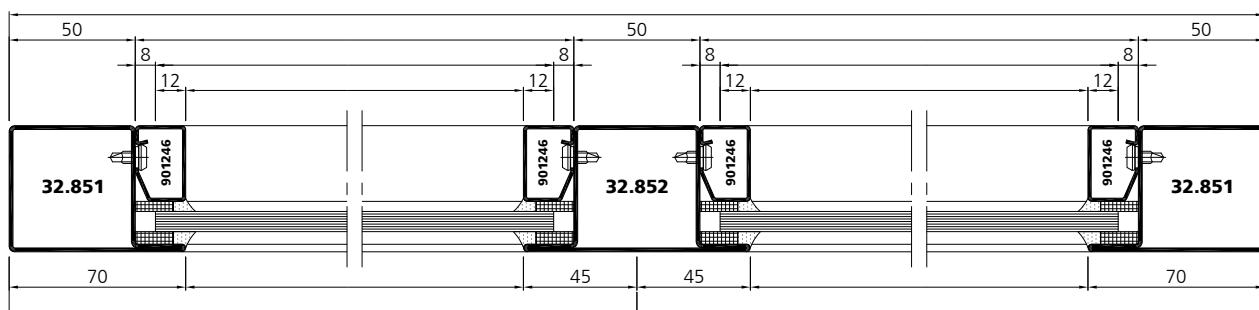
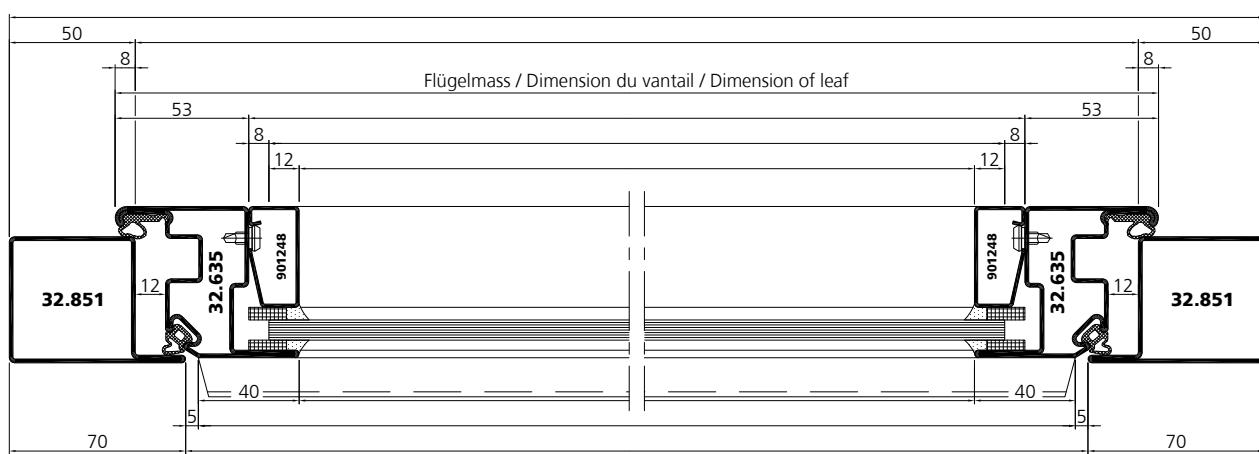
■ pr_sp_0016

A - A



Systempläne**Plans du système****System plans**

pr_sp_0016

**B - B****C - C**



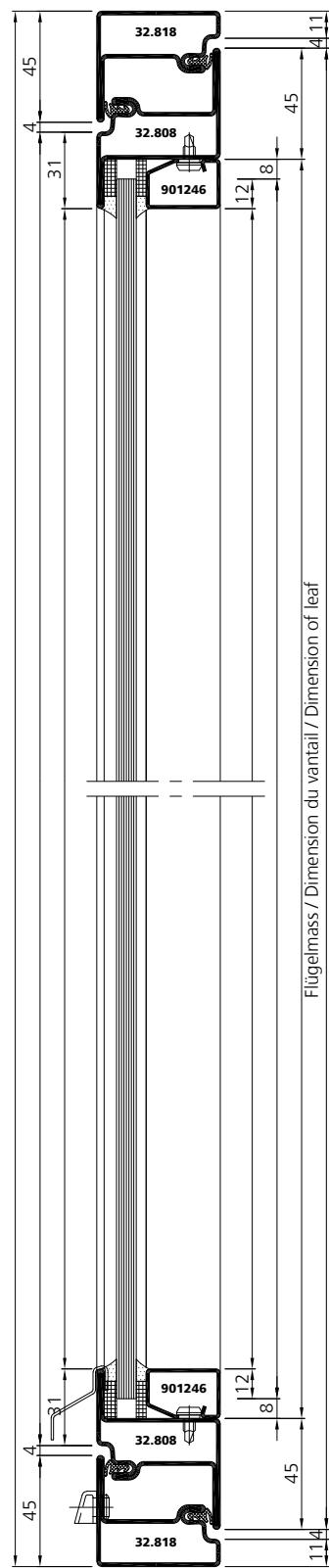
Systempläne

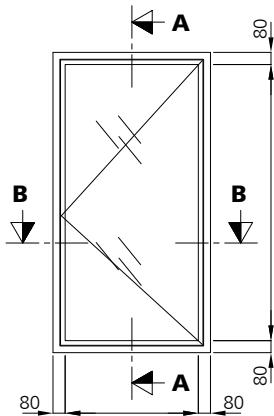
Plans du système

System plans

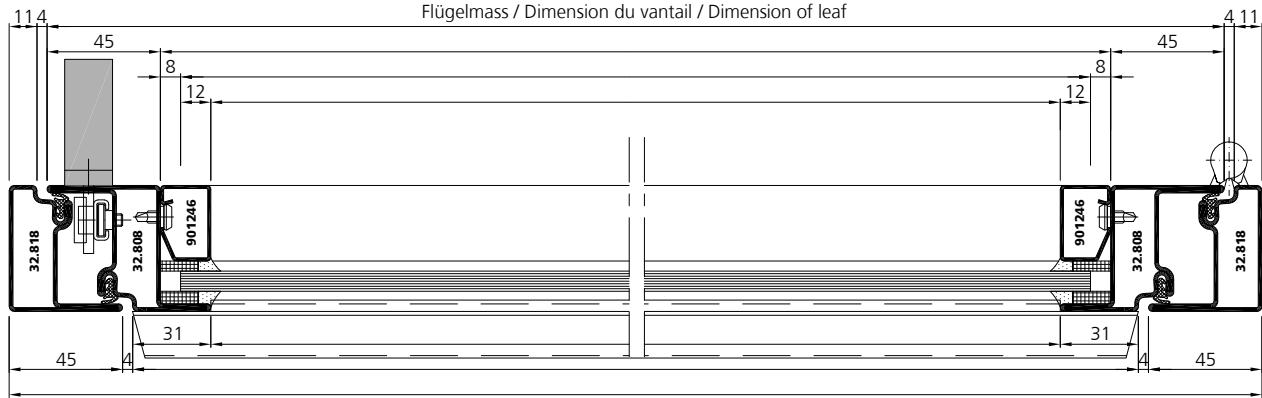
■ pr_sp 0019

A - A



Systempläne**Plans du système****System plans**
 pr_sp_0019
**B - B**

Flügelmaß / Dimension du vantail / Dimension of leaf

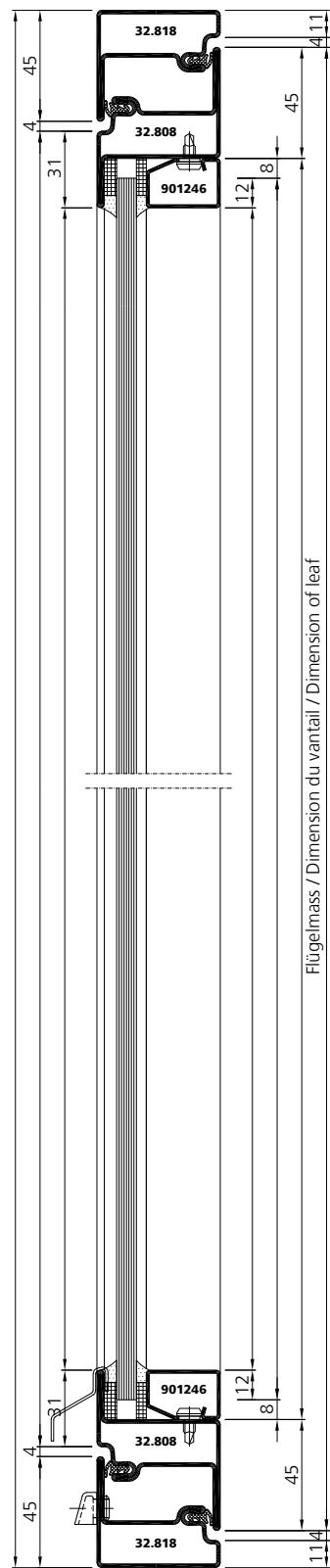




Systempläne

Plans du système

System plans

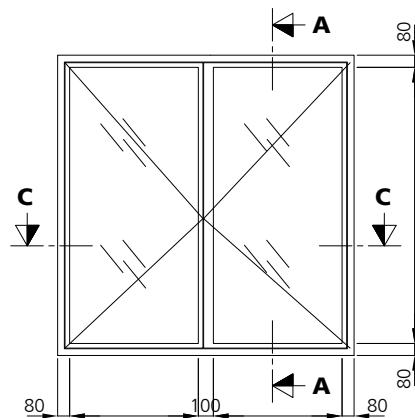
 pr_sp_0020**A - A**

Systempläne

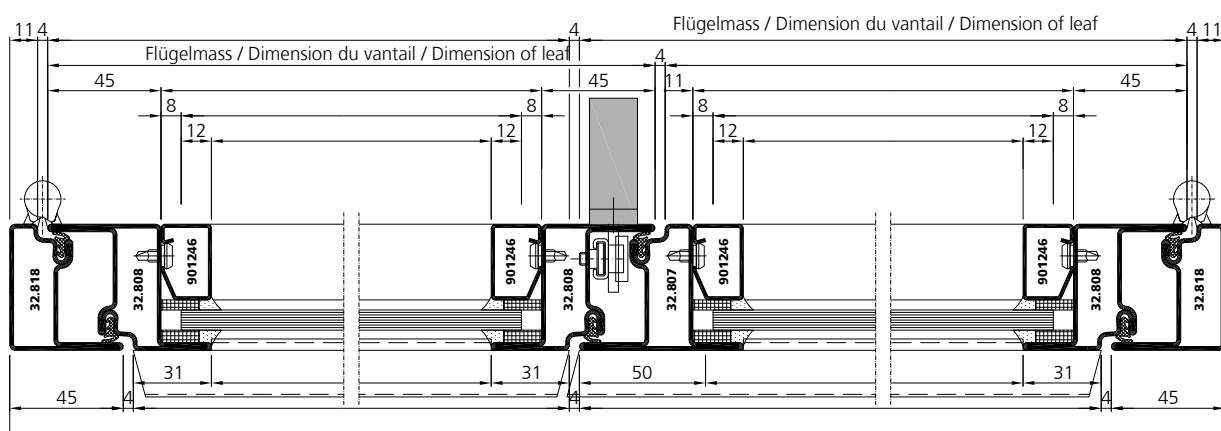
Plans du système

System plans

pr sp 0020

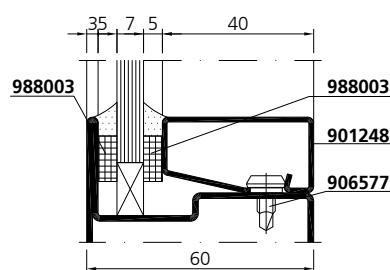
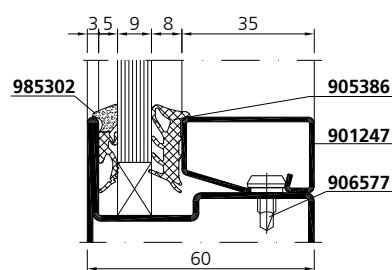
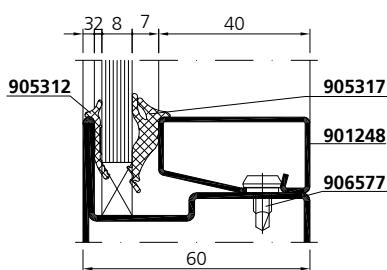
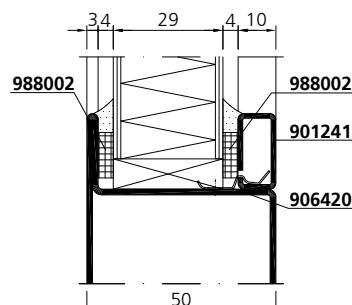
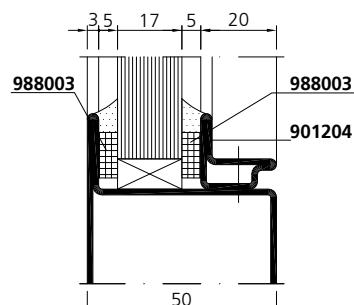
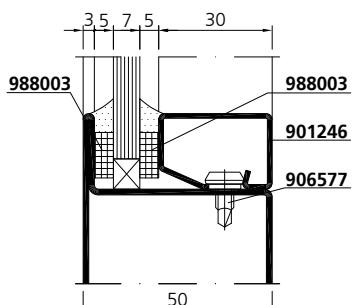
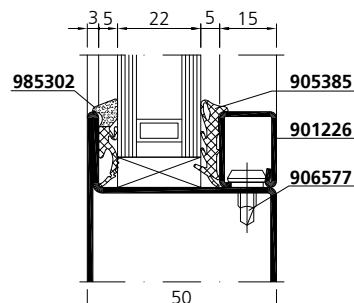
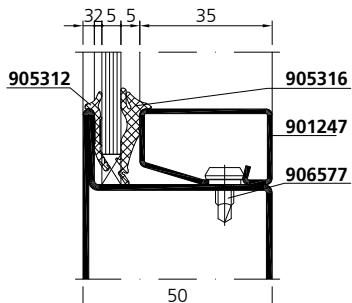


B - B




Verglasungsvarianten
 Glashalteleisten Stahl

Variantes de vitrages
 Parcloses en acier

Alternative glazing versions
 Glazing beads in steel


Verglasungsvarianten

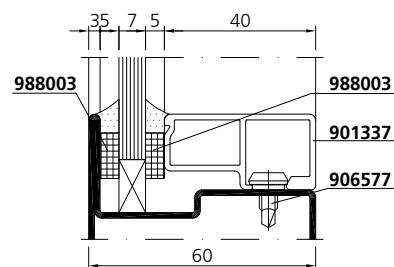
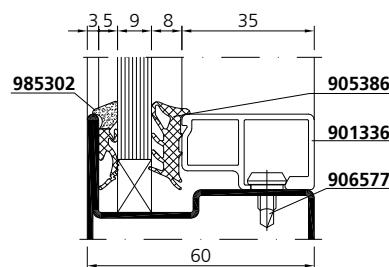
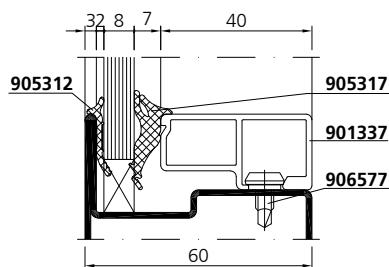
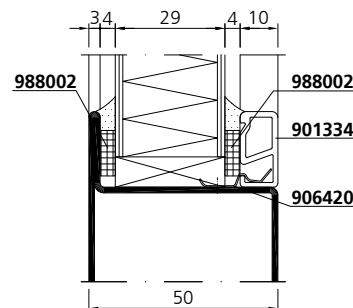
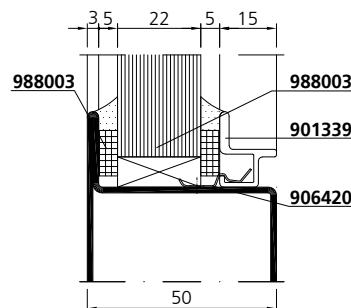
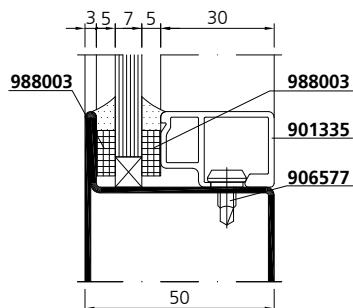
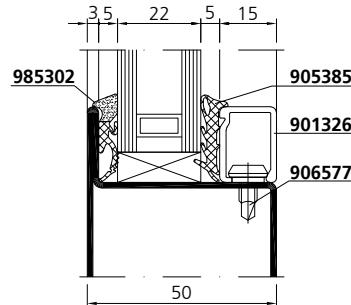
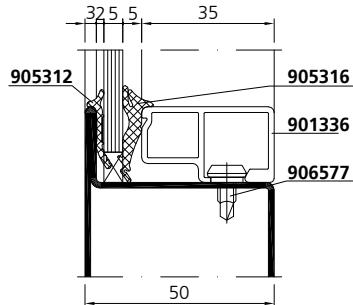
Glashalteleisten Aluminium
(Nicht für Brandschutzverglasungen)

Variantes de vitrages

Parcloses en aluminium (non
approprié pour vitrage pare-flammes)

Alternative glazing versions

Glazing beads in aluminium
(Not suitable for fire protection glazing)



Prüfberichte / Zulassungen**Rapports d'essais / Attestations****Test reports / Certificates****Brand- und Rauchschutz**

Auf unserer Website
www.forster-profile.ch
finden Sie aktuelle und detaillierte Informationen über Zulassungen und Prüfzeugnisse in den verschiedenen Ländern.

Pare-flammes et pare-fumées

Sur le site internet
www.forster-profile.ch
vous trouverez les informations actuelles et détaillées des homologations et attestations pour les différents pays.

Fire and smoke protection

On our website
www.forster-profile.ch
you will find actual and detailed information regarding certificates and test reports for different countries.

Einbruchhemmung nach DIN EN 1627**Anti-effraction selon DIN EN 1627****Burglar resistance DIN EN 1627**

System Système System	Klassierung Classification Class	Elementtyp Type d'élément Element type	Rahmenaußenmass (BxH)	Flügelgrösse (BxH)	Prüfzeugnis
presto 60S Stahl	WK3	1-flügelige Tür mit Seitenteil und Oberlicht Porte à 1 vantail avec partie latérale et imposte 1 leaf door with screen abutment and fanlight	max. 3000 x 3000 mm	max. 1500 x 3000 mm	08/09-A237-K2
presto 50 Stahl / CrNi presto 60S Stahl	WK3	Festfeld Vitrage fixe Fixed glazing		---	

CE-Kennzeichnung nach EN 14351-1

Auf unserer Website
www.forster-profile.ch
finden Sie detaillierte Informationen und Unterlagen zur CE-konformen Anwendung von nicht isolierten Aussentüren nach EN 14351-1.

Marquage CE selon EN 14351-1

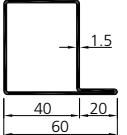
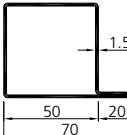
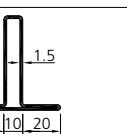
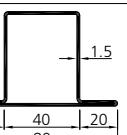
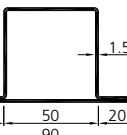
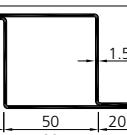
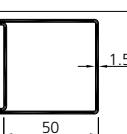
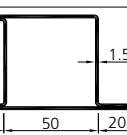
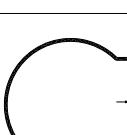
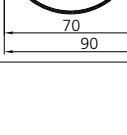
Sur le site internet
www.forster-profile.ch
vous trouverez les informations détaillées et documentations pour l'application conforme au CE des portes extérieures non isolées selon EN 14351-1.

CE-Marking according to EN 14351-1

On our website
www.forster-profile.ch
you will find detailed information and documents regarding CE conform applications for external doors without thermal break according to EN 14351-1.



**Profile
Stahl**
**Profilés
Acier**
**Profiles
Steel**

Profile / Profilés / Profiles (1:4)	Art. Nr. art. no.	m	L [mm]	G [kg/m]	I_y [cm⁴]	W_y [cm³]	I_z [cm⁴]	W_z [cm³]	e_y [mm]	e_z [mm]	O [m²/m]
	01.564	blank brut bright	6000	2.482	12.10	4.12	11.16	3.24	20.66	25.54	0.216
	32.851	blank brut bright	6000	2.715	13.90	4.80	17.33	4.43	28.95	30.88	0.235
		ZM									
	02.564	blank brut bright	6000	2.940	13.92	4.30	17.56	4.39	17.67	40.00	0.254
	32.852	blank brut bright	6000	3.157	15.84	4.98	25.90	5.75	18.20	45.00	0.274
		ZM									
	32.854	blank brut bright	6000	3.167	21.76	6.19	17.73	7.09	25.00	34.93	0.274
	32.855	blank brut bright	6000	3.615	32.34	6.54	20.57	7.35	22.04	40.60	0.314
		ZM									
	60.155	blank brut bright	6000	3.145	23.08	6.00	31.17	6.72	31.53	43.54	0.273

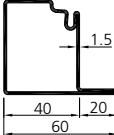
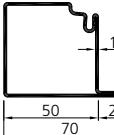
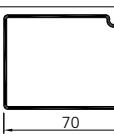
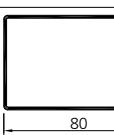
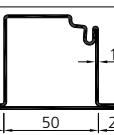
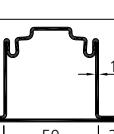
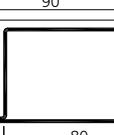
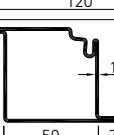
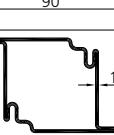
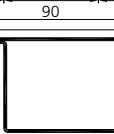


Schwerpunktabstand
Distance au centre de gravité
Distance of center of gravity

m = Material
Matériau
Material

O = Umlaufende Oberfläche per Laufmeter
Surface périphérique par mètre courant
Outlying surface per running meter

**Profile
Stahl****Profilés
Acier****Profiles
Steel**

Profile / Profilés / Profiles (1:4)	Art. Nr. art. no.	m	L [mm]	G [kg/m]	I_y [cm⁴]	W_y [cm³]	I_z [cm⁴]	W_z [cm³]	e_y [mm]	e_z [mm]	O [m²/m]
	32.810	blank brut bright	6000	2.644	11.89	4.12	11.21	3.28	21.21	25.86	0.228
	32.800	blank brut bright	6000	2.849	13.72	4.80	17.54	4.54	21.52	31.42	0.248
		ZM									
	32.890	blank brut bright	6000	3.571	19.07	6.86	47.87	9.15	22.21	47.77	0.308
	32.803	blank brut bright	6000	3.297	15.74	5.03	26.37	5.76	18.78	45.71	0.287
		ZM									
	32.892	blank brut bright	6000	4.05	21.33	7.06	65.40	10.69	19.87	61.24	0.347
	32.805	blank brut bright	6000	3.297	17.42	6.91	26.37	5.76	25.22	45.73	0.287
		ZM									
	32.891	blank brut bright	6000	4.029	22.72	9.02	65.40	10.69	25.21	61.19	0.347



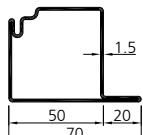
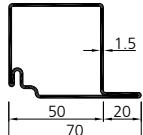
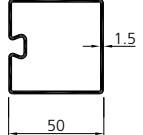
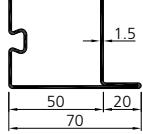
Schwerpunktabstand
Distance au centre de gravité
Distance of center of gravity

m = Material
Matériau
Material

O = Umlaufende Oberfläche per Laufmeter
Surface périphérique par mètre courant
Outlying surface per running meter

* auf Anfrage / sur demande / on request

**Profile
Stahl**
**Profilés
Acier**
**Profiles
Steel**

Profile / Profilés / Profiles (1:4)	Art. Nr. art. no.	m	L [mm]	G [kg/m]	I_y [cm⁴]	W_y [cm³]	I_z [cm⁴]	W_z [cm³]	e_y [mm]	e_z [mm]	O [m²/m]
	32.801	blank brut bright	6000	2.869	18.20	4.53	13.67	4.78	21.52	29.73	0.247
	32.802	blank brut bright	6000	2.857	18.20	4.53	13.56	4.68	20.94	29.73	0.247
	76.701	blank brut bright	6000	2.362	11.74	4.47	11.28	4.51	25.00	23.75	0.213
	32.806	blank brut bright	6000	2.92	18.39	4.53	14.02	4.88	21.32	29.44	0.252
	62.701	ZM	6000	1.766	1.24	1.11	6.53	2.44	8.80	23.20	0.153



Schwerpunktabstand
Distance au centre de gravité
Distance of center of gravity

m = Material
Matériau
Material

O = Umlaufende Oberfläche per Laufmeter
Surface périphérique par mètre courant
Outlying surface per running meter

**Profile
Edelstahl****Profilés
Acier inox****Profiles
Stainless steel**

Profile / Profilés / Profiles (1:4)	Art. Nr. art. no.	m	L [mm]	G [kg/m]	I_y [cm⁴]	W_y [cm³]	I_z [cm⁴]	W_z [cm³]	e_y [mm]	e_z [mm]	O [m²/m]	mo [m²/m]
	01.545 CrNi	1.4301	6000	1.991	8.16	2.68	3.22	1.29	24.20	10.60	0.175	0.060
	32.851 CrNi	1.4301 1.4401	6000	2.824	13.92	4.80	17.35	4.44	24.70	25.40	0.235	0.120
	02.545 CrNi	1.4301	6000	2.461	9.75	2.88	6.37	2.12	23.40	30.00	0.215	0.08
	32.852 CrNi	1.4301 1.4401	6000	3.28	15.84	4.98	25.90	5.75	24.40	45.00	0.274	0.140
	32.853 CrNi	1.4301	6000	3.187	17.73	7.09	25.90	5.75	25.00	45.00	0.274	0.140
	32.854 CrNi	1.4301	6000	3.289	21.76	6.19	17.73	7.09	25.00	25.80	0.274	0.140
	32.855 CrNi	1.4301 1.4401	6000	3.744	32.34	6.54	20.57	7.35	24.70	44.50	0.314	0.160
	32.800 CrNi	1.4301 1.4401	6000	2.958	13.72	4.80	17.54	4.54	23.70	24.50	0.248	0.106

— — — — geschliffen, Korn 220-240, mit Schutzfolie
 meulé, grain 220-240, avec film adhésif
 grinded, 220-240 grain, with adhesive protection tape



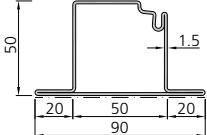
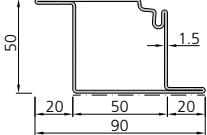
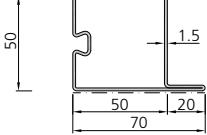
Schwerpunktabstand
Distance au centre de gravité
Distance of center of gravity

m = Material
Matériau
Material

O = Umlaufende Oberfläche per Laufmeter
Surface périphérique par mètre courant
Outlying surface per running meter

mo = Schleifbare Oberfläche
Surface ponçable
Grindable surface

Profile
EdelstahlProfilés
Acier inoxProfiles
Stainless steel

Profile / Profilés / Profiles (1:4)	Art. Nr. art. no.	m	L [mm]	G [kg/m]	I _y [cm ⁴]	W _y [cm ³]	I _z [cm ⁴]	W _z [cm ³]	e _y [mm]	e _z [mm]	O [m ² /m]	mo [m ² /m]
	32.803 CrNi	1.4301 1.4401	6000	3.414	15.74	5.03	26.37	5.76	33.40	44.10	0.287	0.126
	32.805 CrNi	1.4301 1.4401	6000	3.423	17.42	6.91	26.37	5.76	24.00	44.10	0.287	0.126
	32.806 CrNi*	1.4301	6000	3.032	18.39	4.53	14.02	4.88	24.60	26.10	0.252	0.120

— — — — geschliffen, Korn 220-240, mit Schutzfolie
 meulé, grain 220-240, avec film adhésif
 grinded, 220-240 grain, with adhesive protection tape



Schwerpunktabstand
 Distance au centre de gravité
 Distance of center of gravity

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 Grindable surface

**Profile
Stahl****Profilés
Acier****Profiles
Steel**

Profile / Profilés / Profiles (1:4)	Art. Nr. art. no.	m	L [mm]	G [kg/m]	I_y [cm⁴]	W_y [cm³]	I_z [cm⁴]	W_z [cm³]	e_y [mm]	e_z [mm]	O [m²/m]
	01.635	blank brut bright	6000	2.818	17.60	4.91	4.88	1.90	28.90	10.70	0.195
	01.685	blank brut bright	6000	3.713	27.90	8.13	25.60	6.48	29.50	25.40	0.254
	02.635	blank brut bright	6000	3.385	20.80	5.23	9.02	3.00	27.90	30.00	0.233
	02.685	blank brut bright	6000	4.265	31.80	8.50	37.20	8.26	29.20	45.00	0.293
	03.685	blank brut bright	6000	4.475	35.20	11.70	37.00	8.22	30.00	45.00	0.293
	35.855	blank brut bright	6000	5.198	47.43	9.45	41.16	12.37	29.60	45.60	0.340
	35.800	blank brut bright	6000	3.976	27.66	8.11	26.38	6.50	28.20	24.60	0.273
	35.803	blank brut bright	6000	4.556	31.91	8.53	39.93	8.39	27.80	44.10	0.312
	35.805	blank brut bright	6000	4.482	35.31	11.63	39.93	8.39	27.80	44.10	0.312

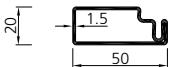
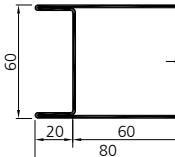
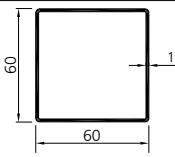


Schwerpunktabstand
Distance au centre de gravité
Distance of center of gravity

m = Material
Matièreau
Material

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Surface périphérique par mètre courant
Outlying surface per running meter

**Profile
Stahl****Profilés
Acier****Profiles
Steel**

Profile / Profilés / Profiles (1:4)	Art. Nr. art. no.	m	L [mm]	G [kg/m]	I_y [cm⁴]	W_y [cm³]	I_z [cm⁴]	W_z [cm³]	e_y [mm]	e_z [mm]	O [m²/m]
	62.701	ZM	6000	1.766	1.24	1.11	6.53	2.44	8.80	23.20	0.153
	33.654	blank brut bright	6000	3.652	34.10	8.51	29.31	9.77	30.00	39.90	0.314
	33.670	blank brut bright	6000	2.730	19.75	6.58	19.75	6.58	30.00	30.00	0.236



Schwerpunktabstand
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Matériau
Material

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Outlying surface per running meter



**Profile
Stahl**

**Profilés
Acier**

**Profiles
Steel**

Profile / Profilés / Profiles (1:4)	Art. Nr. art. no.	m	L [mm]	G [kg/m]	I_y [cm⁴]	W_y [cm³]	I_z [cm⁴]	W_z [cm³]	e_y [mm]	e_z [mm]	O [m²/m]
	32.811	blank brut bright	6000	2.472	9.36	3.87	11.24	4.21	26.6	24.1	0.215
	62.701	ZM	6000	1.766	1.24	1.11	6.53	2.44	8.80	23.20	0.153
	32.810	blank brut bright	6000	2.644	11.89	4.12	11.21	3.28	23.30	19.60	0.228
	32.800	blank brut bright	6000	2.849	13.72	4.80	17.54	4.54	23.70	24.50	0.248
	32.870	blank brut bright	6000	3.336	17.31	6.17	35.74	7.50	24.10	34.40	0.288
	32.890	blank brut bright	6000	3.571	19.07	6.86	47.87	9.15	24.20	39.30	0.308
	32.803	blank brut bright	6000	3.297	15.74	5.03	26.37	5.76	23.40	44.10	0.287
	32.892	blank brut bright	6000	4.05	21.33	7.06	65.40	10.69	24.00	58.80	0.347
	32.805	blank brut bright	6000	3.297	17.42	6.91	26.37	5.76	24.00	44.10	0.287



Schwerpunktabstand
Distance au centre de gravité
Distance of center of gravity

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Surface périphérique par mètre courant
Outlying surface per running meter


**Profile
Stahl**
**Profilés
Acier**
**Profiles
Steel**

Profile / Profilés / Profiles (1:4)	Art. Nr. art. no.	m	L [mm]	G [kg/m]	I_y [cm⁴]	W_y [cm³]	I_z [cm⁴]	W_z [cm³]	e_y [mm]	e_z [mm]	O [m²/m]
	32.891	blank brut bright	6000	4.029	22.72	9.02	65.40	10.69	24.40	58.80	0.347
	01.564	blank brut bright	6000	2.482	12.10	4.12	11.16	3.24	20.66	25.54	0.216
	32.851	blank brut bright	6000	2.715	13.90	4.80	17.33	4.43	28.95	30.88	0.235
		ZM									
	02.564	blank brut bright	6000	2.940	13.92	4.30	17.56	4.39	17.67	40.00	0.254
	32.852	blank brut bright	6000	3.157	15.84	4.98	25.90	5.75	24.40	45.00	0.274
		ZM									
	32.853	blank brut bright	6000	3.157	17.62	7.04	25.70	5.70	24.96	45.00	0.274
	32.855	blank brut bright									
		ZM									



Schwerpunktabstand
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Surface périphérique par mètre courant
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**Profile
Stahl**
**Profilés
Acier**
**Profiles
Steel**

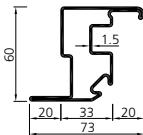
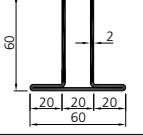
Profile / Profilés / Profiles (1:4)	Art. Nr. art. no.	m	L [mm]	G [kg/m]	I_y [cm⁴]	W_y [cm³]	I_z [cm⁴]	W_z [cm³]	e_y [mm]	e_z [mm]	O [m²/m]
	01.564	blank brut bright	6000	2.482	12.10	4.12	11.16	3.24	20.66	25.54	0.216
	32.851	blank brut bright	6000	2.715	13.90	4.80	17.33	4.43	28.95	30.88	0.235
		ZM									
	02.531	blank brut bright	6000	2.234	7.98	2.30	3.26	1.30	15.35	19.44	0.194
	02.564	blank brut bright	6000	2.940	13.92	4.30	17.56	4.39	17.67	40.00	0.254
	32.852	blank brut bright	6000	3.157	15.84	4.98	25.90	5.75	24.40	45.00	0.274
		ZM									
	32.853	blank brut bright	6000	3.157	17.62	7.04	25.70	5.70	24.96	45.00	0.274
		ZM									
	32.855	blank brut bright	6000	3.615	32.34	6.54	20.57	7.35	24.70	44.80	0.314
		ZM									
	32.818	blank brut bright	6000	2.376	9.52	3.19	4.58	1.61	2.03	1.65	0.207
	32.807	blank brut bright	6000	2.861	11.25	3.42	8.22	2.51	3.19	1.67	0.246
	32.808	blank brut bright	6000	2.832	13.49	5.34	8.22	2.51	3.19	2.45	0.246



Schwerpunktabstand
Distance au centre de gravité
Distance of center of gravity

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Surface périphérique par mètre courant
Outlying surface per running meter

**Profile
Stahl**
**Profilés
Acier**
**Profiles
Steel**

Profile / Profilés / Profiles (1:4)	Art. Nr. art. no.	m	L [mm]	G [kg/m]	I_y [cm⁴]	W_y [cm³]	I_z [cm⁴]	W_z [cm³]	e_y [mm]	e_z [mm]	O [m²/m]
	32.635	blank brut bright	6000	3.597	24.41	8.01	14.26	3.80	3.74	3.04	0.318
	02.635	blank brut bright	6000	3.385	20.80	5.23	9.02	3.00	27.90	30.00	0.233



Schwerpunktabstand
Distance au centre de gravité
Distance of center of gravity

O = Umlaufende Oberfläche per Laufmeter
Surface périphérique par mètre courant
Outlying surface per running meter

Allgemeine Hinweise

Die Forster-Profilstahlrohr-Serien und das entsprechende Zubehör sind für unterschiedliche Anwendungsmöglichkeiten im Metall- und Fassadenbau entwickelt. Die Serien sind bestimmt für die Verarbeitung durch Fachbetriebe des Metallbaus, der Fensterherstellung und dergleichen, welche vertraut sind mit den anerkannten Regeln der Technik, insbesondere auf dem Gebiet des Metall-, Türen-, Fenster- und Fassadenbaus und bei denen die Kenntnisse aller einschlägigen Normen, Richtlinien und Verarbeitungshinweise der Profillieferanten vorausgesetzt werden kann.

Alle von uns herausgegebenen Unterlagen, die sich mit der Kombination, dem Zusammenbau, der Anordnung, Verarbeitung, Veredelung und Montage der angebotenen Artikel befassen, sind freiwillige Dienstleistungen, die dem Facharbeiter Anregungen und Vorschläge bieten sollen oder aber einen Bericht über bereits ausgeführte Kombinationen und Anlagen zum Inhalt haben. Dabei muss der Facharbeiter bei Benutzung solcher Unterlagen stets kritisch prüfen, ob die hier gemachten Vorschläge für seinen Fall in jeder Hinsicht geeignet und zutreffend sind, da die Vielzahl der in der Praxis vorkommenden Einbau- und Belastungsfälle in derartigen Unterlagen nicht erfasst werden kann.

Généralités

Les séries de profilés en acier Forster et les accessoires correspondants sont développés en vue d'offrir diverses possibilités d'applications pour les constructions métalliques et les façades. Ces séries sont destinées à la mise en œuvre par des entreprises spécialisées dans la construction métallique, la fabrication de fenêtres et autres secteurs similaires, et qui connaissent les règles reconnues de la technique, notamment dans le domaine de la construction de portes, fenêtres et façades métalliques, et qui disposent des connaissances nécessaires sur toutes les normes, directives et indications de mise en œuvre applicables des fournisseurs de profilés.

Tous les documents publiés par nos soins et qui portent sur les possibilités de combinaison, l'assemblage, l'implantation, la mise en œuvre, la finition et le montage des articles que nous proposons, constituent des prestations de plein gré censées fournir au spécialiste des suggestions et des solutions ou rendre compte des combinaisons et installations déjà réalisées. En utilisant cette documentation, le spécialiste devra toujours l'examiner de manière critique et vérifier que les propositions qu'elle présente sont bien pertinentes et adaptées à son propre cas à tous égards, car il est impossible de résumer dans une documentation de ce type la multitude des cas de figure rencontrés dans la pratique tant en termes d'installations que de sollicitations.

General advice

Forster's series of profiled steel sections and the corresponding accessories have been developed for a wide range of applications in the manufacture of metal structures and facades. These series are designed for processing by specialist firms in the metal-working industry, window construction and similar, who are familiar with the appropriate technical standards, particularly in the field of metal working, door, window and facade construction and where an adequate knowledge of all relevant standards, directives and suppliers' processing instructions can safely be assumed.

All the documentation published by us concerning the combination, erection, arrangement, processing, refinement and assembly of the articles on offer are voluntary services intended as suggestions and ideas for the expert, or else represent a report on combinations and installations already assembled. In all cases when using this documentation, the expert must always critically study whether the suggestions and ideas are suitable and appropriate for the case in point, since loads and stresses vary so greatly that it is impossible in this kind of documentation to cover every eventuality occurring in practice.

Allgemeine Hinweise

Technische Beratung bei Planung und Projektierung

Die kostenlose technische Beratung bei Planung und Projektierung sind weder als Haupt- noch als Nebenpflicht Gegenstand unserer Angebote bzw. des Kaufvertrages. Die Forster Profilsysteme AG hat diesbezüglich keinen Rechtsbindungswillen.

Alle Anregungen, Ausschreibungs-, Konstruktions- und Einbauvorschläge, statische Berechnungen, Materialkalkulationen, etc., die im Rahmen der Beratung und Diskussion, in Skizzenform, Zeichnungen, Schriftwechsel oder Ausarbeitung von Mitarbeitern unseres Hauses gemacht werden, erfolgen nach bestem Wissen und sind als kostenlose und unverbindliche Dienstleistung zu verstehen, für die wir keine Haftung übernehmen. Die Planungshoheit liegt jederzeit ausschliesslich beim Bauherrn und Architekten. Bauseitige Vorgaben werden durch die Forster Profilsysteme AG nicht geprüft.

Werden verbindliche Auskünfte erwünscht, insbesondere über den Einbau der Elemente und über bauphysikalische Probleme, wie z. B. Statik, Befestigung, Wärme-, Feuchtigkeits-, Brand-, Rauch- oder Schallschutz, etc. oder über den Einbau von Komponenten anderer Hersteller in den Fassaden- bzw. Metallbaukonstruktionen von Forster Profilsysteme AG muss ein gesonderter entgeltlicher Beratervertrag in schriftlicher Form abgeschlossen werden.

Généralités

Conseil technique lors de la planification et de l'établissement du projet

Le conseil technique gratuit fourni lors de la planification et de l'établissement du projet ne constitue ni une obligation principale ni une obligation secondaire de notre offre ou du contrat de vente. Forster Systèmes de profilés SA n'exprime pas la volonté de se lier juridiquement à ce sujet.

Toutes les idées, propositions de soumission, de construction et de montage, de même que tous les calculs statiques, calculs de matériel, etc. fournis par nos collaborateurs dans le cadre des prestations de conseil ou discussions, sous forme de croquis, de dessins, de correspondance ou d'une étude, sont donnés en toute bonne foi et s'entendent comme service gratuit non contractuel pour lequel nous déclinons toute responsabilité. A tout moment, la planification relève exclusivement des compétences du maître de l'ouvrage et de l'architecte. Forster Systèmes de profilés SA ne contrôle pas les exigences incombant à ces autorités.

La demande de renseignements contractuels, notamment en relation avec le montage des éléments et les questions relatives à la physique des constructions, comme la statique, la fixation, la protection contre la chaleur, l'humidité, le feu ou le bruit, etc. ou concernant le montage de composants d'autres fabricants dans les façades ou les constructions métalliques de Forster Systèmes de profilés SA exige la conclusion d'un contrat de conseil payant établi séparément par écrit.

General advice

Technical support in planning and project work

Free of charge technical consultation during planning and project preparation does not form part of our quotation or contract of sale as either a primary or secondary obligation. Forster Profile Systems Ltd. has no intention to create legal relations in this regard.

All ideas, suggestions for tender, design and installation, static calculations, material calculations, etc. provided within the context of consultation and discussion, in the form of sketches, drawings, correspondence or plans drawn up by our employees are made to the best of our knowledge and ability and shall be considered a free of charge service without any obligation for which we do not accept any liability. The responsibility for the planning lies at all times exclusively with the builder and architect. On-site plans will not be verified by Forster Profile Systems Ltd.

A separate consultancy contract involving payment must be concluded in the written form if information of a binding nature is required, especially with regard to the installation of the elements and the building physics involved in problems such as static calculations, fastenings, thermal insulation, waterproofing, fire, smoke and sound protection, etc. or to the installation of components from other manufacturers in the façades or metal structures from Forster Profile Systems Ltd.

Allgemeine Hinweise**Généralités****General advice****Gewährleistung**

Sofern nicht schriftlich eine andere Vereinbarung getroffen wird, besteht eine Gewährleistung der Forster Profilsysteme AG lediglich im Rahmen der dem Käufer bekannten „Allgemeinen Verkaufs- und Lieferbedingungen der Forster Profilsysteme AG“.

Voraussetzung ist in jedem Fall die ausschliessliche Verwendung von Original-Konstruktionsteilen (Profile, Zubehör, Be-schläge) aus dem jeweils gültigen Forster-Lieferprogramm. Für Mängel, welche aus der Verwendung von anderen Artikeln als Forster-Original-Artikeln herrühren, wird jede Haftung abgelehnt. Werden nicht Original-Konstruktionsteile zur Anwendung gebracht, verlieren die an Forster verliehenen Prüfzeugnisse und Atteste für derartig ausgeführte Konstruktionen ihre Gültigkeit.

Hinweis

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Die Nichtbeachtung der jeweils aktuellen auf der Herstellerhomepage abrufbaren produktspezifischen sowie allgemeinen Informationen, insbesondere betreffend bestimmungsgemäße Verwendung, Sicherheitsbestimmungen, Produktleistung und -wartung sowie Informations- und Instruktionspflichten, entbindet den Hersteller von seiner Produkthaftung.

Garantie

Dans la mesure où aucune autre convention par écrit n'a été passée, la garantie de la société Forster Systèmes de profilés SA n'est applicable que dans le cadre des «Conditions générales de vente et de livraison de Forster Systèmes de profilés SA», qui sont connues de l'acheteur.

Cela suppose dans chaque cas l'utilisation exclusive d'éléments de construction d'origine (profils, accessoires, quincailleries) provenant du programme de fournitures Forster respectivement applicable. Toute responsabilité est déclinée dans le cas de vices résultant de l'utilisation de tout autre article que les éléments d'origine Forster. Dans l'éventualité où les éléments utilisés ne sont pas des pièces de construction d'origine, les certificats d'essais et attestations attribués à Forster pour les constructions de ce type perdent toute validité.

Remarque

Nous ne garantissons pas l'actualité, l'exhaustivité ou la qualité des contenus. Nous nous réservons le droit de modifier le contenu technique, en partie ou en totalité, sans préavis. Nous déclinons toute responsabilité pour les dommages de quelque nature que ce soit, résultant de l'utilisation des informations contenues dans le présent document ou de leur caractère incomplet.

Le non-respect des informations spécifiques aux produits et générales qui sont consultables sur le site du fabricant dans leur version actualisée, en particulier concernant l'utilisation conforme aux dispositions, les consignes de sécurité, les caractéristiques et l'entretien du produit, de même que les obligations d'informations et d'instructions, dégage le fabricant de sa responsabilité du fait des produits.

Warranty

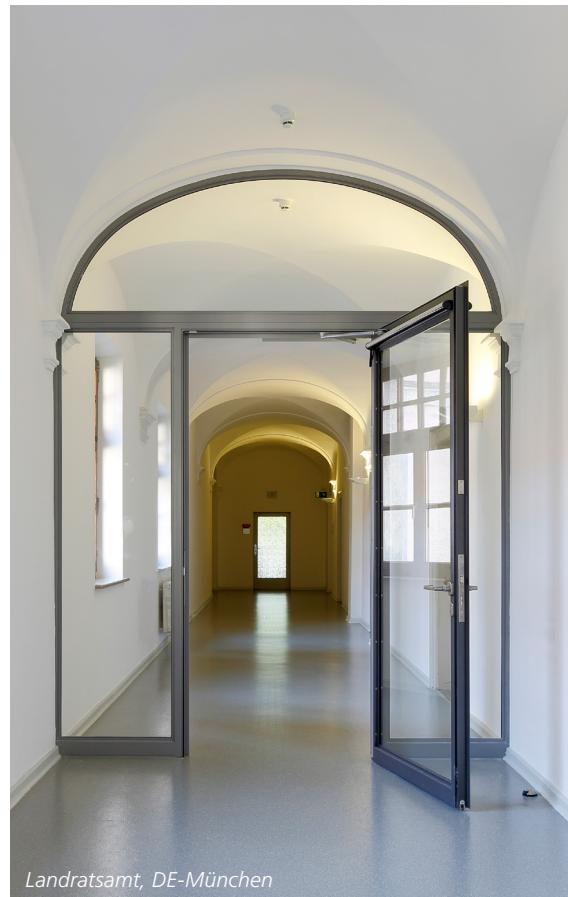
Unless a written agreement on the contrary has been concluded, the warranty granted by Forster Profile Systems Ltd. applies solely to the extent of the "General Conditions of Sale and Delivery of Forster Profile Systems Ltd." with which the customer is already familiar.

In all cases the warranty only applies provided that original construction parts (profiles, accessories, fittings) are used from the currently valid Forster range. All liability is declined for any damage arising from the use of articles other than Forster original articles. If articles other than Forster original articles are used, test certificates and attestations granted to Foster for constructions built using such articles are deemed to be invalid.

Note

The up-to-dateness, completeness or quality of the contents are not guaranteed. We reserve the right to make technical alterations in the content wholly or partially with no prior notice. We are not liable for damages of any kind, which arise from the use of the information in this document or on the basis of its incompleteness.

The non-observance of the information on the home page of the manufacturer which is currently retrievable, specific for the product, as well as general, in particular with regard to the use for the purpose intended, safety regulations, product performance, product maintenance as well as the duty to inform and instruct, releases the manufacturer from his liability for his product.

Referenzobjekte**Réalisations****Project references**

forster



Profilsysteme in Stahl und Edelstahl

Systèmes de profilés en acier et en acier inox

Steel and stainless steel profile systems

