

new@forster

Neu hochwärmegedämmte Türen forster omnia

Nouvelles portes à haute isolation thermique forster omnia

New forster omnia highly thermally insulated doors



Vorteile forster omnia Türen

- Profil aus 100 % Stahl, vollständig recycelfähig
- Keine Kunststoffstege für die thermische Trennung
- Einbruchhemmung RC2
- Minergie zertifiziert

Avantages Portes forster omnia

- Profilé 100% acier, entièrement recyclable
- Pas de dos de profilé en plastique pour la séparation thermique
- Résistance à l'effraction RC2
- Certifié Minergie

Benefits forster omnia doors

- Profile made from 100% steel, completely recyclable
- No plastic strips for thermal insulation
- RC2 burglary resistance
- Minergie certified

**Hochwärmegedämmte
Tür & Festverglasungen aus
100% Stahl**

**Portes et vitrages fixes 100%
acier à haute isolation ther-
mique**

**Highly thermally insulated
door and fixed glazings
made from 100% steel**



MINERGIE®

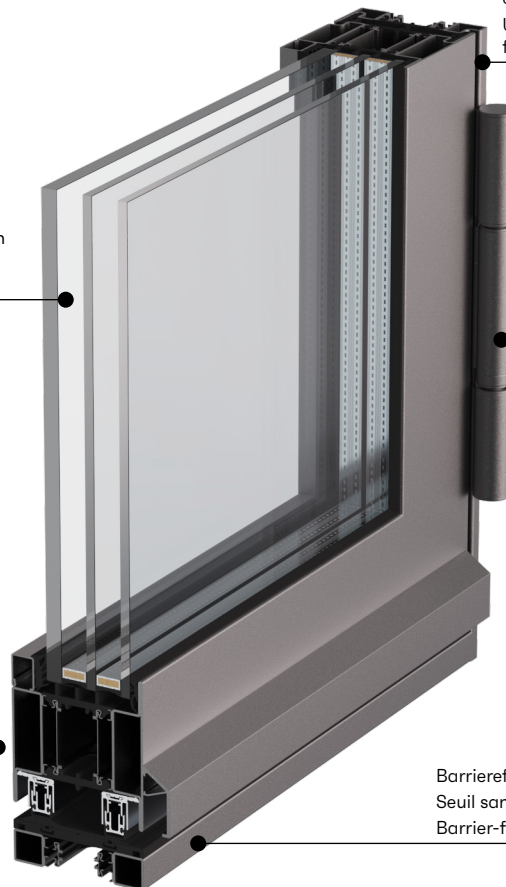
Multifunktionsgläser bis 62 mm Dicke
Verres multifonctionnels jusqu'à 62 mm
d'épaisseur
Multifunctional glass up to 62 mm thick

Brandschutz EI30 ohne zusätzliche Kühlmittel in den
Profilen
Coupe-feu EI30 sans fluides caloporteurs sup-
plémentaires dans les profilés
EI30 fire resistance without additional coolant in the
profiles

Schmalste Profile in Stahl und Edelstahl für
Rahmen-Flügel Kombination ab 100 mm
Profilés très fins en acier et acier inox pour
combinaison cadre-vantail dès 100 mm
Ultra-slim profiles in steel and stainless steel
for leaf-frame combination from 100 mm

Türbänder aufgesetzt / verdeckt
Paumelles posées/cachées
Hinges attached / concealed

Barrierefrei Schwelle, minimaler Aufbau
Seuil sans obstacle, structure réduite
Barrier-free threshold, minimal height



Weitere Vorteile der Tür

- 85 mm Bautiefe für Gläser bis 62 mm Dicke
- Höchste Wärmedämmung $U_f > 1.2 \text{ W}/(\text{m}^2 \cdot \text{K})$
- Schallschutz bis $R_w 44 \text{ dB}$
- Einfache nachträgliche Verkabelung dank offenem Isolator
- Flügelgewichte bis 420 kg bei nur 2 Türbändern und optionalem Drehtürantrieb (1 Mio. Zyklen geprüft)

Autres avantages de la porte

- Profondeur de construction de 85 mm pour des verres jusqu'à 62 mm d'épaisseur
- Isolation thermique maximale $U_f > 1.2 \text{ W}/(\text{m}^2 \cdot \text{K})$
- Isolation phonique jusqu'à $R_w 44 \text{ dB}$
- Câblage ultérieur simple grâce à l'isolateur ouvert
- Poids de vantail jusqu'à 420 kg avec seulement 2 paumelles et entraînement d'ouvrant en option (1 million de cycles vérifié)

Further benefits of the door

- 85 mm structural depth for glass up to 62 mm thick
- Highest thermal insulation $U_f > 1.2 \text{ W}/(\text{m}^2 \cdot \text{K})$
- Sound insulation up to $R_w 44 \text{ dB}$
- Simple retrofitting of cables thanks to open insulator
- Leaf weights up to 420 kg with just two hinges and optional automatic door operator (tested for 1 million cycles)

Das System auf einen Blick

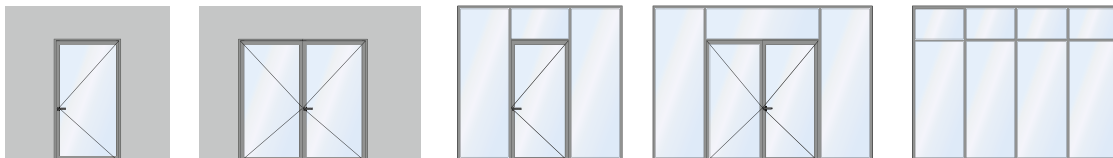
Le système en un coup d'oeil

The system at a glance

Bauarten

Bauarten

Construction variations



Ausgangsmaterial

- Stahl ZM (Zink Magnesium)
- Stahl blank (auf Anfrage)
- Edelstahl 1.4301 geschliffen, Korn 220-240 mit Schutzfolie (nicht für den Brandschutz)

Abmessungen

- Schmalste Profilquerschnitte: Kastenbreite 20 / 30 / 50
- Blendrahmen-/Flügelmaß ab 100 mm (Brandschutz ab 110 mm)
- Bautiefe Flügel und Rahmen 85 mm, flächenbündig
- Wandstärke 1,5 mm

Harmonisierung

- Gleiche Ansicht wie forster fuego light und forster unico

Öffnungsarten

- Anschlagtüren nach aussen öffnend
- Türen mit absenkbarer Bodendichtung ein- und auswärts öffnend

Schloss und Beschlag

- Auf das System abgestimmte Beschläge
- Elegante Edelstahl-Griffgarnituren und schlanke Rollentürbänder
- Verdecktliegende Türbänder
- 1 Mio. Zyklen geprüft nach EN 1191

Schutz und Sicherheit

- CE-Kennzeichnung nach EN 14351-1
- Brandschutz EI30 nach EN 1634-1 (nationale Zulassungen für die Verglasung in Arbeit)
- Einbruchhemmung RC2 nach EN 1627
- Fluchttüren nach EN 179 und EN 1125

Verarbeitung

- Äusserst wirtschaftliche Fertigung ohne Sondereinrichtung

Matériau de base

- acier ZM (zinc-magnésium)
- acier brut (sur demande)
- acier inox 1.4301, meulé grain 220-240 avec film adhésif (pas pour la coupe-feu)

Dimensions

- Finesse des profilés : largeur des corps 20 / 30 / 50
- Dimensions du cadre dormant / vantail à partir de 100 mm (coupe-feu dès 110 mm)
- Profondeur du vantail et dormant de 85 mm, affleuré
- Épaisseur 1,5 mm

Harmonisation

- Façes vue identiques: forster fuego light et forster unico

Genres d'ouvertures

- Portes à battues ouvrant vers l'extérieur
- Portes avec joint seuil automatique ouvrant vers l'intérieur et l'extérieur

Serrures et quincailleries

- Quincailleries harmonisées au système
- Garnitures de poignées en acier inox aux formes élégantes et paumelles de portes élancées
- Paumelles cachées
- 1 million de cycles selon EN 1191 vérifié

Protection et sécurité

- Marquage CE selon EN 14351-1
- Coupe-feu EI30 selon EN 1634-1 (homologations nationales en cours pour le vitrage)
- Résistance à l'effraction RC2 selon EN 1627
- Portes de secours selon EN 179 et EN 1125

Finitions

- Fabrication extrêmement économique sans outillage spécial

Base material

- Steel ZM (zinc-magnesium)
- Steel bright (on request)
- Stainless steel 1.4301, grinded grain 220-240, with adhesive protection tape (not for fire resistance)

Dimensions

- Extremely slim profile cross-sections box width 20 / 30 / 50
- Outer frame / leaf size from 100 mm (fire resistance from 110 mm)
- Structural depth leaf and frame 85 mm, flush-fitting
- Material thickness 1,5 mm

Compatibility

- Same constructions widths as forster fuego light and forster unico

Types of openings

- Doors opening outwards
- Doors with a drop seal, inward- and outward-opening

Locks and Fittings

- Fittings to match the system
- Attractively shaped stainless steel handles set and slender roller door hinges
- Concealed flush hinges
- 1 million cycles, tested according to EN 1191

Protection and safety

- CE-Marking according to EN 14351-1
- Fire resistance EI30 according to EN 1634-1 (national approvals for glazing in progress)
- Burglary resistance RC2 in accordance with EN 1627
- Emergency doors in accordance with EN 179 and EN 1125

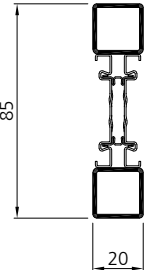
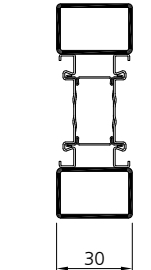
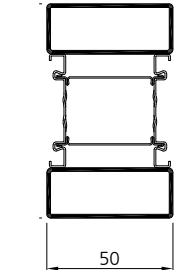
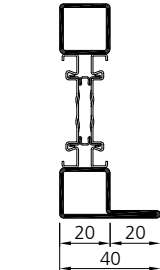
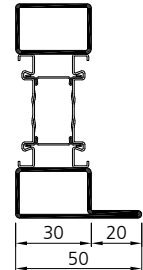
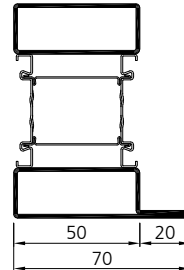
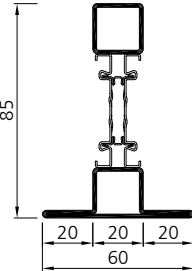
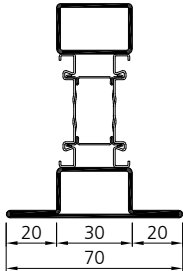
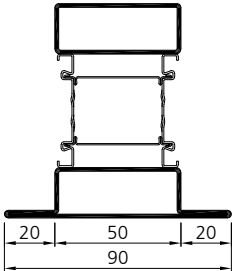
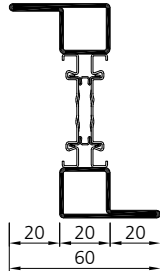
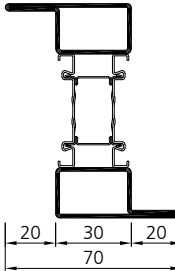
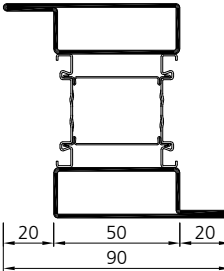
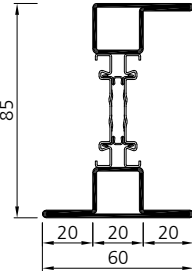
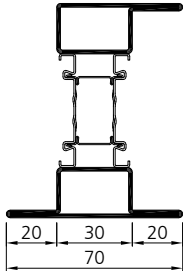
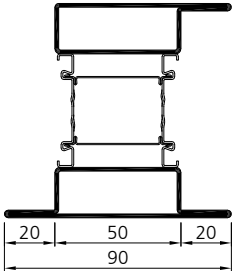
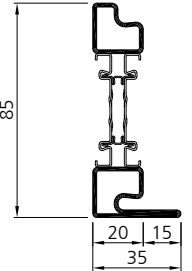
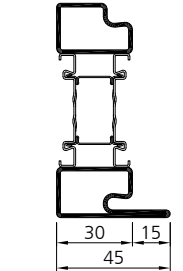
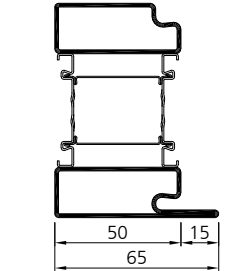
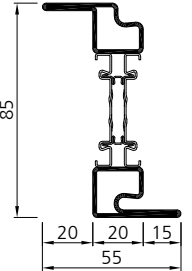
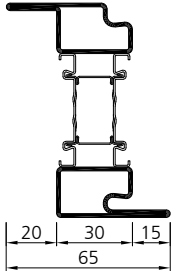
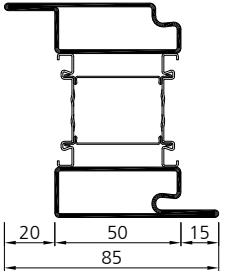
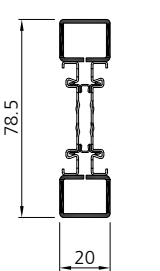
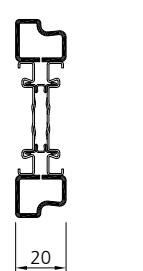
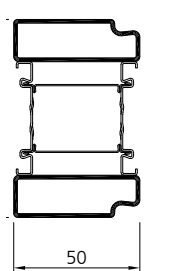
Processing

- Extremely economical manufacture with no special machinery needed.

Systemübersicht
Profile
 Ohne Brandschutz EI30

Tableau du système
Profilés
 Sans coupe-feu EI30

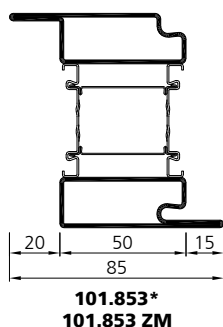
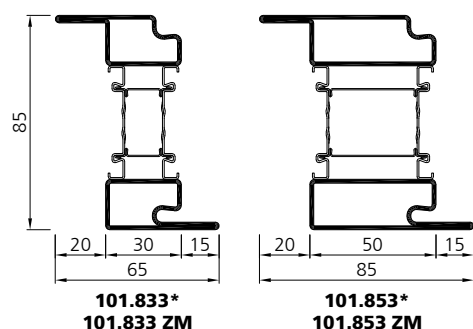
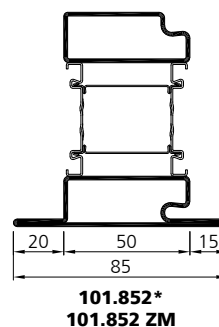
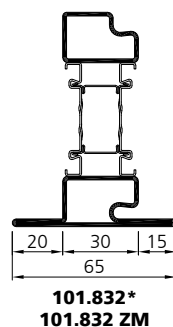
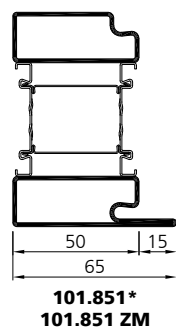
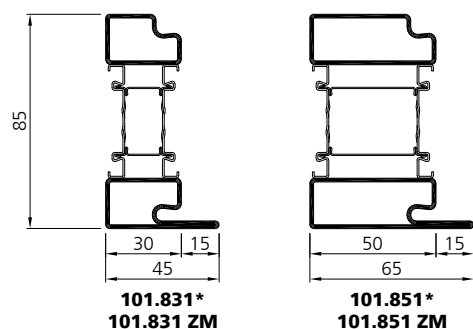
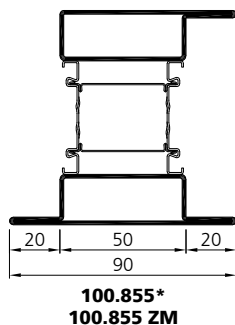
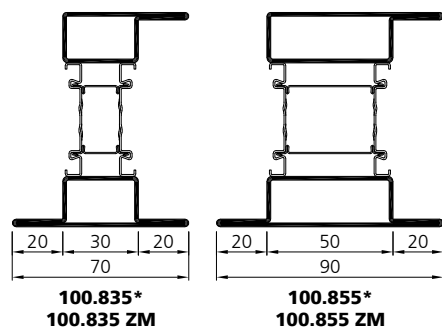
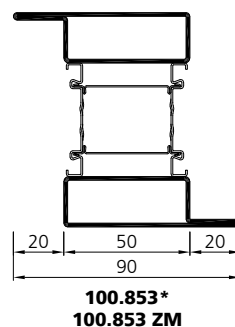
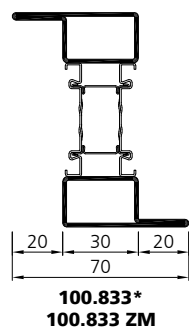
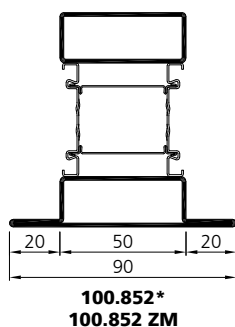
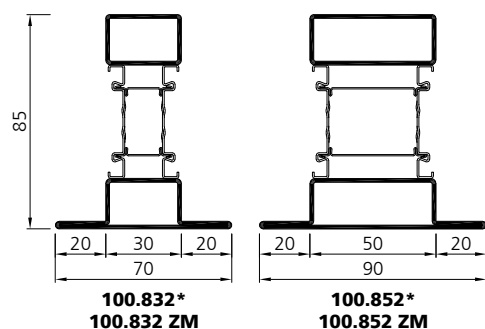
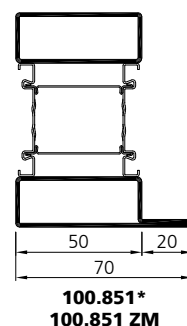
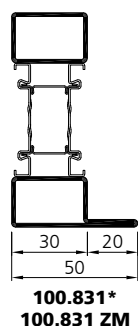
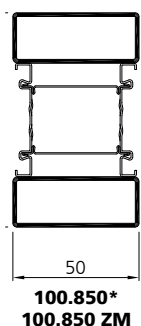
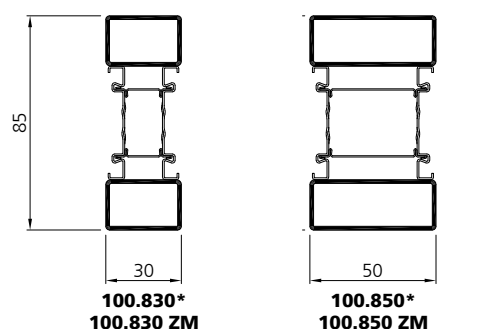
Synopsis of system
Profiles
 Without fire resistance EI30

 100.820* 100.820 ZM	 100.830* 100.830 ZM 100.830 CrNi*	 100.850* 100.850 ZM 100.850 CrNi*	 100.821* 100.821 ZM	 100.831* 100.831 ZM 100.831 CrNi*	 100.851* 100.851 ZM 100.851 CrNi*
 100.822* 100.822 ZM	 100.832* 100.832 ZM 100.832 CrNi*	 100.852* 100.852 ZM 100.852 CrNi*	 100.823* 100.823 ZM	 100.833* 100.833 ZM 100.833 CrNi*	 100.853* 100.853 ZM 100.853 CrNi*
 100.825* 100.825 ZM	 100.835* 100.835 ZM	 100.855* 100.855 ZM 100.855 CrNi*	* auf Anfrage sur demande on request		
 101.821* 101.821 ZM	 101.831* 101.831 ZM	 101.851* 101.851 ZM 101.831 CrNi*			
 101.823* 101.823 ZM	 101.833* 101.833 ZM	 101.853* 101.853 ZM 101.853 CrNi*	 100.720* 100.720 ZM 100.720 CrNi*	 101.720* 101.720 ZM	 101.750* 101.750 ZM

Systemübersicht
Profile
 Für Brandschutz EI30

Tableau du système
Profilés
 Pour coupe-feu EI30

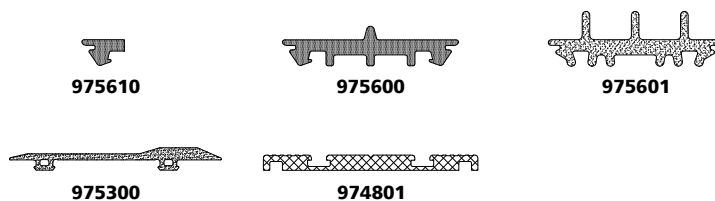
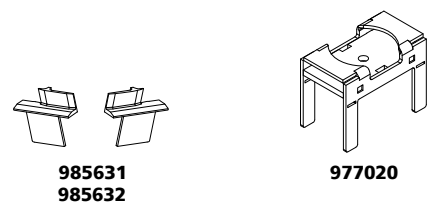
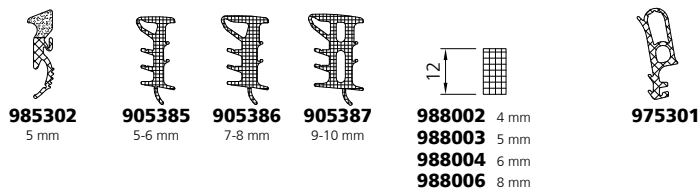
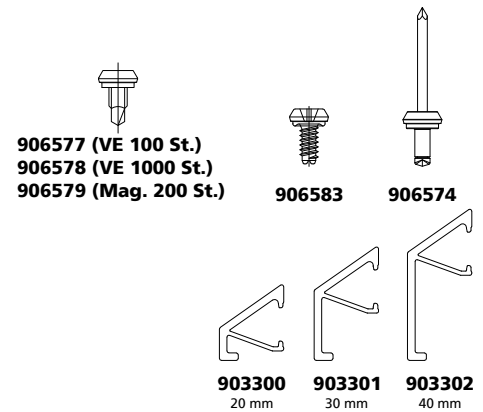
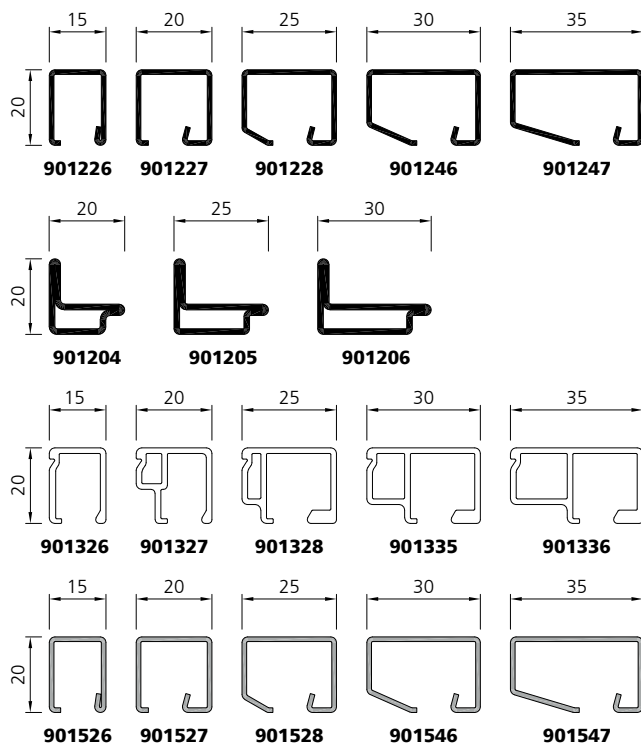
Synopsis of system
Profiles
 For fire resistance EI30



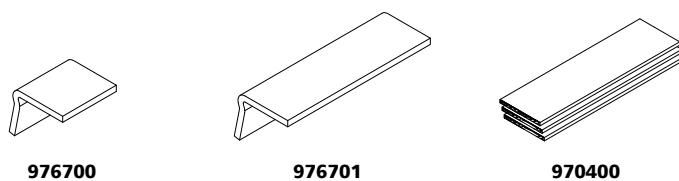
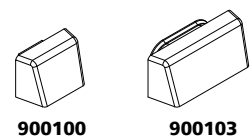
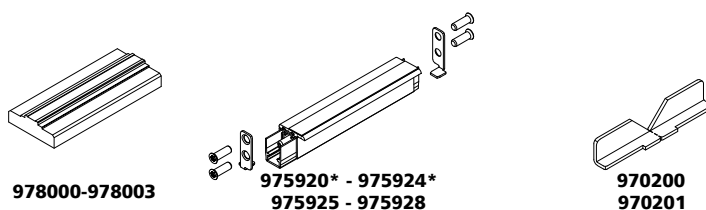
Systemübersicht
Glashalteleisten / Zubehör
Ohne Brandschutz EI30

Tableau du système
Parclores / accessoires
Sans coupe-feu EI30

Synopsis of system
Glazing beads / accessories
Without fire resistance EI30



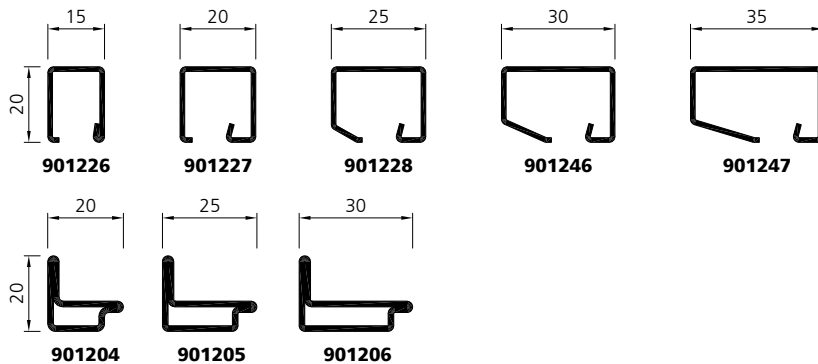
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 sur demande
 on request



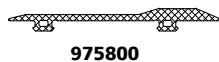
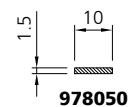
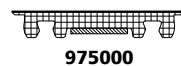
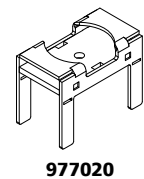
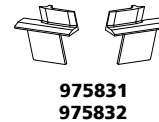
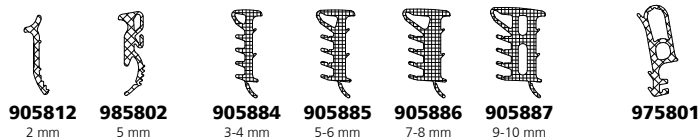
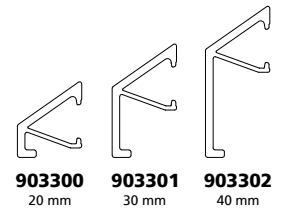
Systemübersicht
Glashalteleisten / Zubehör
Für Brandschutz EI30

Tableau du système
Parclores / accessoires
Pour coupe-feu EI30

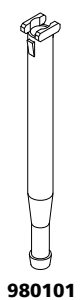
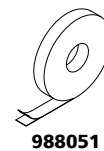
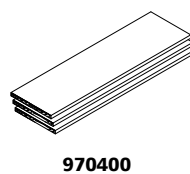
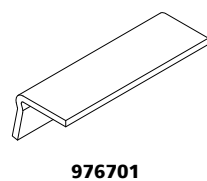
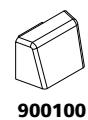
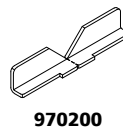
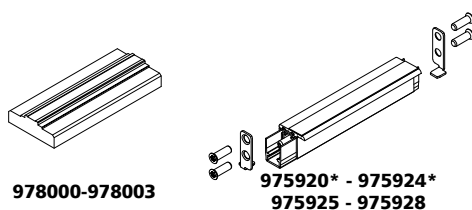
Synopsis of system
Glazing beads / accessories
For fire resistance EI30



906577 (VE 100 St.)
 906578 (VE 1000 St.)
 906579 (Mag. 200 St.)



* auf Anfrage
 sur demande
 on request



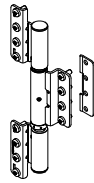
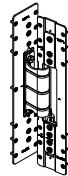
Systemübersicht
Beschläge
 Für / ohne Brandschutz EI30

Tableau du système
Quincaillerie
 Pour / sans coupe-feu EI30

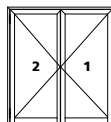
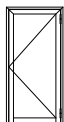
Synopsis of system
Fittings
 For / without fire resistance EI30



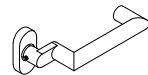
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977602
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907350



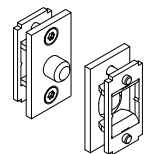
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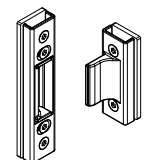
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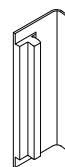
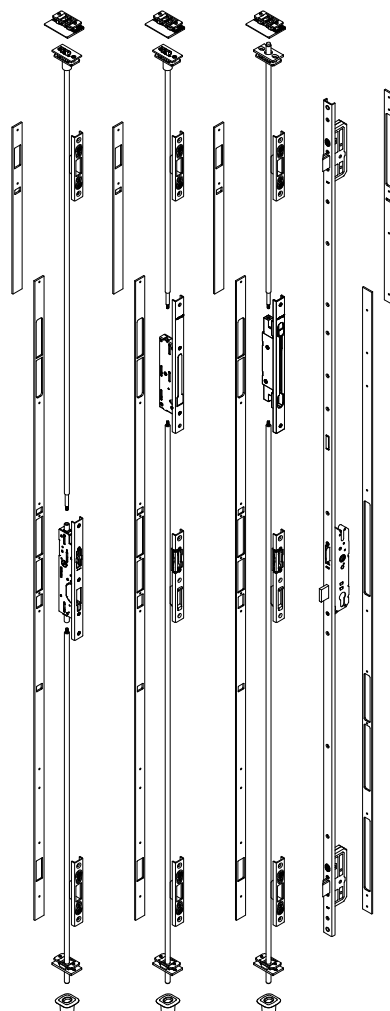
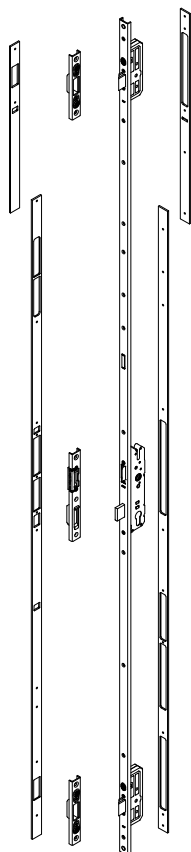
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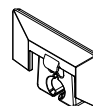
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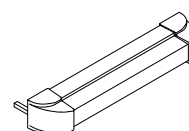
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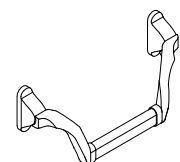
977001



977000



987207 - 987210



907286 - 907287

Zusätzliche Informationen

Informations complémentaires

Additional information

Forster omnia
Tür und Festverglasung RC2
Porte et vitrage fixe RC2
Door and fixed glazing RC2

Forster omnia
Tür und Festverglasung EI30/RC2
Porte et vitrage fixe EI30/RC2
Door and fixed glazing EI30/RC2



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