

Jansen-Economy 60 E30/EW30/E60/EW60

Brandschutz-Türen und -Verglasungen aus Stahl

Jansen-Economy 60 E30/EW30/E60/EW60

Portes et cloisons protection incendie en acier

Jansen-Economy 60 E30/EW30/E60/EW60

Fire resistant doors and screens in steel

Systemübersicht

Merkmale
Zulassungen
Systemausführungen
Typenübersicht

Sommaire du système

Caractéristiques
Homologations
Exécutions de système
Sommaire des types

Summary of system

Characteristics
Authorisations
System versions
Summary of types

2

Profilsortiment

Assortiment de profilé

Range of profiles

12

Beispiele

Schnittpunkte
Konstruktionsdetails
Anschlüsse am Bau

Exemples

Coupes de détails
Détails de construction
Raccords au mur

Examples

Section details
Construction details
Attachment to structure

16

Leistungseigenschaften

Caractéristiques de performance

Performance characteristics

33

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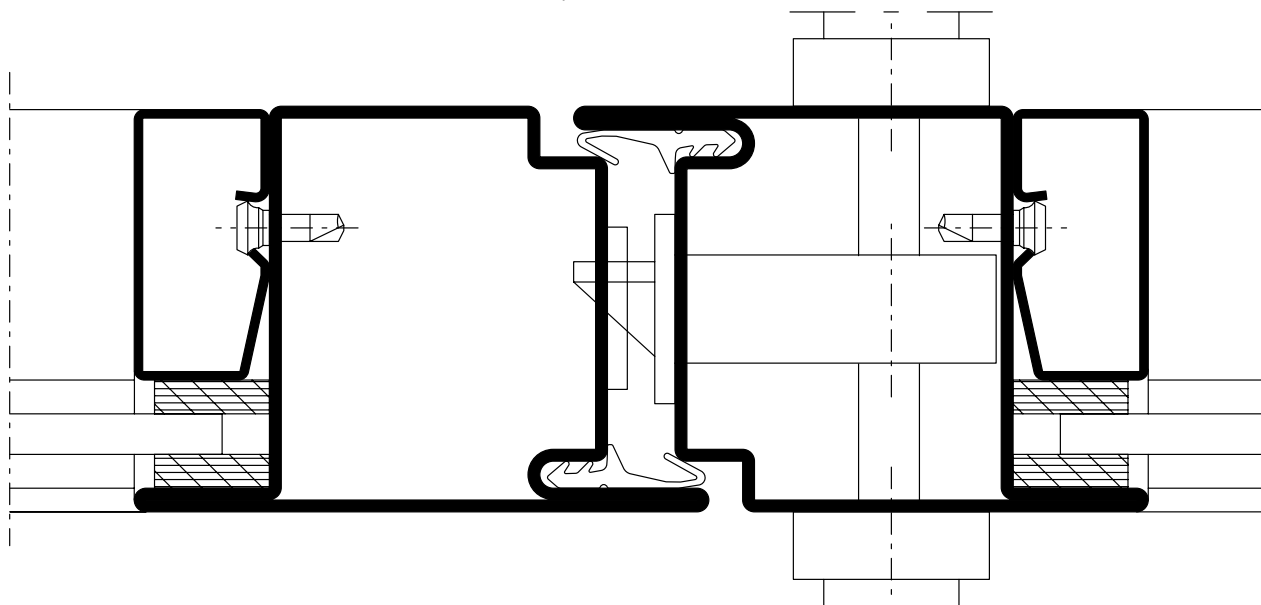
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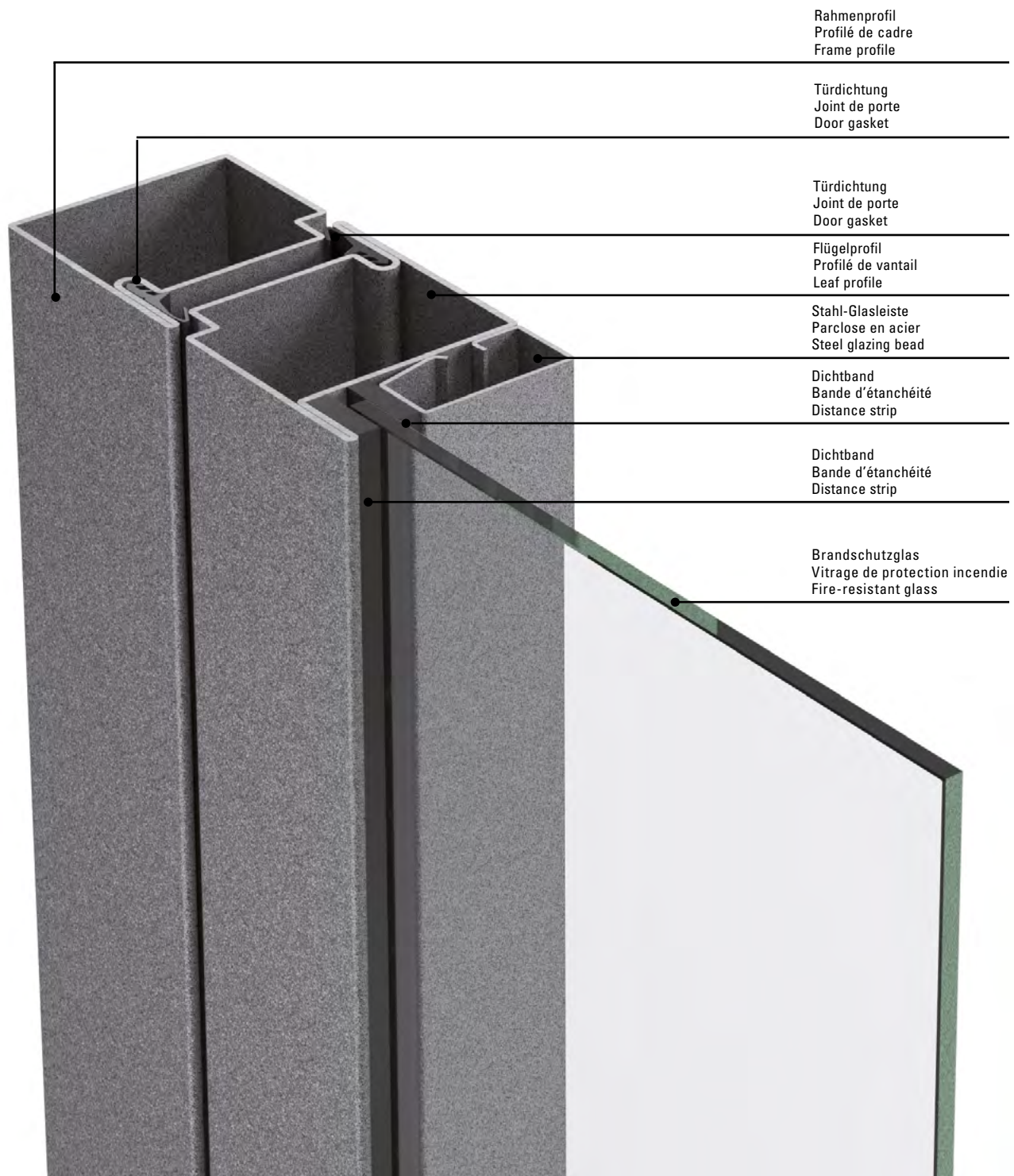
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- Stahlsystem für Türen und Festverglasungen
- Bautiefe 60 mm, innen und aussen flächenbündig
- Schmale Ansichtsweiten: Rahmen und Flügel ab 105 mm Stulppartie 150 mm
- Ein- und zweiflüglige Türen, nach innen und aussen öffnend, mit oder ohne Seitenteile und Oberlichter sowie Trennwände
- Türflügel bis 1750 x 3750 mm (BxH), landesspezifische Zulassung beachten
- Füllelementstärke von 5 bis 36 mm, Glaseinbau mittels Trocken- oder Nassverglasung
- Systemprüfungen nach Produktnorm EN 16034
- Stahlprofile blank oder bandverzinkt
- Grosses Sortiment an systemgeprüften Türbeschlägen
- Barrierefreie Schwellenausbildungen
- Geeignet für Pulver- und Nasslackbeschichtungen
- Erscheinungsbild deckungsgleich mit anderen Jansen Brandschutzsystemen Jansen-Economy 50, Janisol 2 und Janisol C4

- Système en acier pour portes et vitrages fixes
- Profondeur de montage 60 mm, montage à fleur à l'intérieur et à l'extérieur
- Fines largeurs de face: Cadre et vantaux à partir de 105 mm Partie tête 150 mm
- Portes à un et deux vantaux, ouverture vers l'intérieur et vers l'extérieur, combinables avec parties latérales, impostes et vitrage fixe
- Vantaux de porte jusqu'à 1750 x 3750 mm (LaxH), il convient de respecter les prescriptions et règlements des divers pays concernés
- Élément de remplissage de 5 à 36 mm d'épaisseur, Montage du vitrage à sec ou à silicone
- Contrôles des systèmes selon la norme produit EN 16034
- Profilés en acier brut ou galvanisé en continu
- Grand assortiment de ferrures de porte homologuées
- Formes de seuil sans barrière
- Convient aux revêtements par poudre ou peinture liquide
- Apparence égale aux autres systèmes coupe-feu de Jansen (Jansen-Economy 50, Janisol 2 et Janisol C4)

- Steel system for doors and fixed glazing
- 60 mm basic depth, flush-fitted on the inside and outside
- Narrow face widths: Frame and leaf from 105 mm Meeting stile assembly 150 mm
- Single and double-leaf doors, inward and outward-opening, can be combined with side-lights, toplight or fixed glazing
- Door leaf up to 1750 x 3750 mm (WxH), the regulations and bye-laws in force in the particular country must be respected
- Infill unit thickness of 5 to 36 mm, Glazing installed by means of dry or wet glazing
- System tests in accordance with EN 16034
- Raw finish or strip galvanised steel profiles
- Large range of system-tested door fittings
- Easy-access thresholds
- Suitable for powder and wet paint coating
- Same appearance as the other Jansen fire-resistant systems Jansen-Economy 50, Janisol 2 and Janisol C4





Norm	Eigenschaft Caractéristique Characteristic	Klassifizierung/Wert Classification / Valeur Classification / Value
 EN ISO 10077-2	Wärmedurchgangskoeffizient U_f (W/(m²·K)) Transmission thermique U_f (W/(m²·K)) Thermal production U_f (W/(m²·K))	npd ab 5.65 W/m ² K à partir de 5.65 W/m ² K from 5.65 W/m ² K
 EN 1627	Einbruchhemmung Anti-effraction Burglar resistance	npd 1 2 3 4 5 6
 EN 1522	Durchschusshemmung Résistance aux balles Bullet proofing	npd FB1 FB2 FB3 FB4 FB5 FB6 FB7 FSG
 EN 1191 EN 1603	Dauerfunktionsprüfung Durabilité mécanique Mechanical durability	D 1 2 3 4 5 6 7 8 5'000 10'000 20'000 50'000 100'000 200'000 500'000 1'000'000
 EN 12217	Bedienkräfte Forces de manœuvre Operating forces	npd 0 1 2
 EN 179 EN 1125	Fähigkeit zur Freigabe Capacité au déclenchement Ability to release	Anforderung erfüllt Exigence remplie Requirement fulfilled
 EN 1634-1 EN 13501-2	Brandschutz Résistance aux feu Fire resistance	E30 / EW30 / E60 / EW60
 EN 16034 EN 13501-2	Selbstschliessung Fermeture automatique Self-closing	C
 EN 16034	Dauerhaftigkeit der Selbstschliessung gegenüber Alterung (Korrosion) Endurance de la fermeture automatique contre le vieillissement (corrosion) Durability of self-closing against ageing (corrosion)	erzielt atteinte achieved



Fluchttürsysteme

- Fluchttürsysteme geeignet für Notausgänge und Paniktüren
- Fluchttürnorm EN 179 für Notausgangsverschlüsse erfüllt
- Fluchttürnorm EN 1125 für Panikverschlüsse erfüllt

Systèmes de porte de secours

- Systèmes de porte de secours pour issues de secours et portes panique
- Norme relative aux portes de secours EN 179, remplie pour les fermetures d'issue de secours
- Norme relative aux portes de secours EN 1125, remplie pour les fermetures panique

Emergency exit systems

- Emergency exit systems suitable for emergency exits and panic doors
- Emergency exit standard EN 179 for emergency exit devices fulfilled
- Emergency exit standard EN 1125 for panic exit devices fulfilled



Verblechte Jansen-Economy 60 E30 Türen

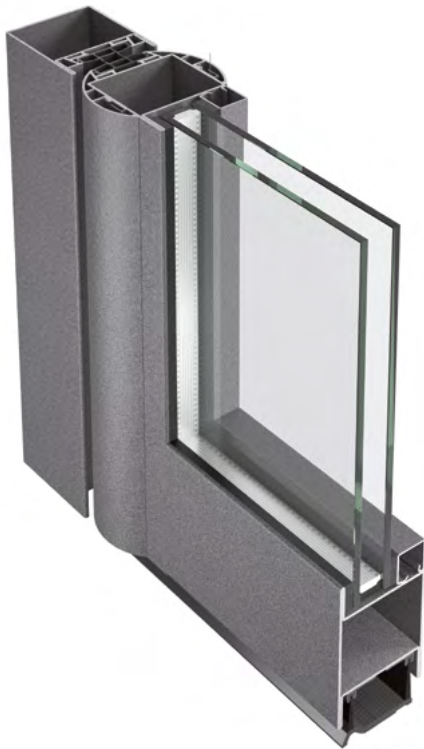
- Für ein- und zweiflügelige Brandschutztüren mit oder ohne Seitenteile resp. Oberlichter
- Flächenbündig verblechte Türen
- Bleche können an den Rahmen geschweisst oder geklebt werden
- Mit oder ohne Glasausschnitte möglich

Portes tôlées Jansen-Economy 60 E30

- Pour des portes coupe-feu à un/deux vantaux avec ou sans pièces latérales ou impostes
- Portes tôlées à fleur
- Les tôles peuvent être soudées ou collées sur le cadre
- Possibles avec ou sans panneaux de verre

Jansen Economy 60 E30 sheet metal doors

- For single and double-leaf fire doors with or without sidelights or toplights
- Flush-fitted sheet metal doors
- Sheet metal can be welded or bonded to the frame
- Possible with or without glass vision panels



Jansen-Economy 60 E30 / EW30 / E60 / EW60
Fingerschutztüre

- Keine Quetsch- und Scherstellen nach DIN 18650
- Wartungsarme Bandlager unten und oben
- Geeignet für Gebäude mit starkem Publikumsverkehr
- Geprüft nach EN 14351-1

Portes anti-pince-doigts

Jansen-Economy 60 E30 / EW30 / E60 / EW60

- Absence de zones d'écrasement et de cisaillement selon DIN 18650
- Paliers de paumelle inférieur et supérieur exigeant peu de maintenance
- Adapté à des bâtiments publics fortement fréquentés
- Contrôlé selon la norme EN 14351-1

Jansen Economy 60 E30 / EW30 / E60 / EW60
anti-finger-trap doors

- No crushing and shearing points as per DIN 18650
- Low-maintenance hinge bush at top and bottom
- Suitable for buildings subject to frequent use by the public
- Tested in accordance with EN 14351-1

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DWG

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Les indications «Bibliothèque des articles/Ferures de porte/Ferrures de fenêtres» signifie que vous téléchargez la totalité de la bibliothèque des articles du système donné (profilés, ferrures, parclores, accessoires etc.).

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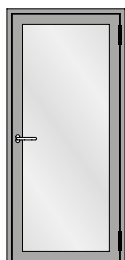
Info et conseils

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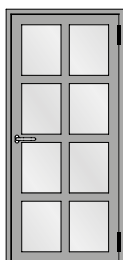
Information and advice

We would be delighted to provide you with advice in person and are available to answer any questions you may have. Please write to us with your queries at: info@jansen.com

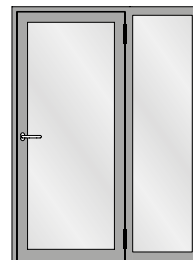




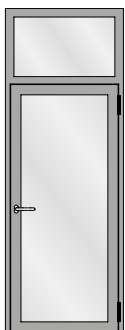
Einflügelige Türe
Porte à un vantail
Single leaf door



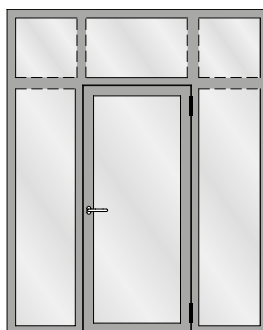
Einflügelige Türe mit Riegel
Porte à un vantail avec traverse
Single leaf door with transom



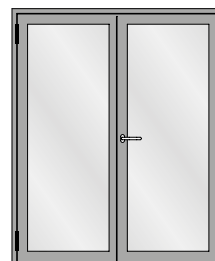
Einflügelige Türe mit festem Seitenteil
Porte à un vantail avec partie latérale fixe
Single leaf door with fixed side light



Einflügelige Türe mit festem Oberlicht
Porte à un vantail avec imposte fixe
Single leaf door with fixed top light



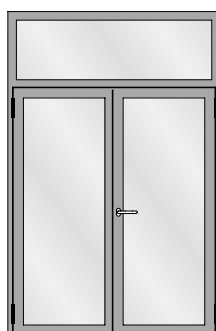
Einflügelige Türe mit zwei festen Seitenteilen
und festem Oberlicht
Porte à un vantail avec deux parties latérale fixe
et imposte fixe
Single leaf door with two fixed side light and
fixed top light



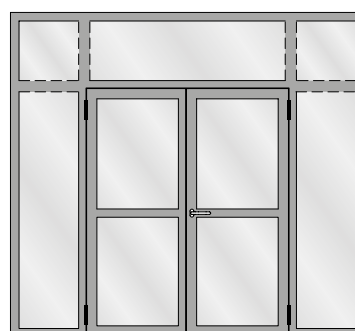
Zweiflügelige Türe
Porte à deux vantaux
Double leaf door



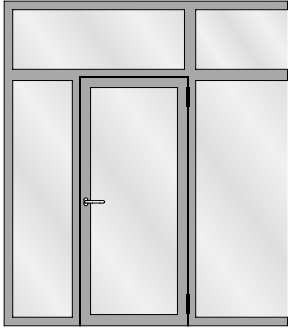
Zweiflügelige Türe mit zwei festen Seitenteilen
Porte à deux vantaux avec deux parties
latérales fixes
Double leaf door with two fixed side lights



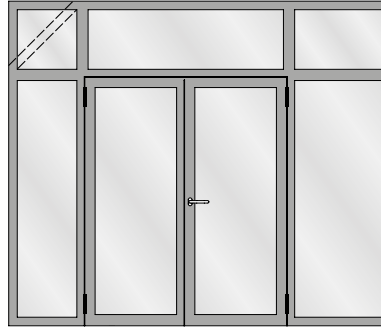
Zweiflügelige Türe mit festem Oberlicht
Porte à deux vantaux avec imposte fixe
Double leaf door with fixed top light



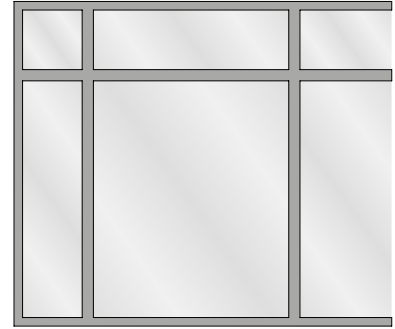
Zweiflügelige Türe mit zwei festen Seitenteilen
und festen Oberlichtern
Porte à deux vantaux avec deux parties latérales
fixes et impostes fixes
Double leaf door with two fixed side lights and
fixed top lights



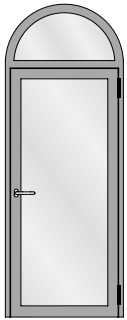
Festverglasung mit einflügeliger Türe
Vitrage fixe avec porte à un vantail
Fixed glazing with single leaf door



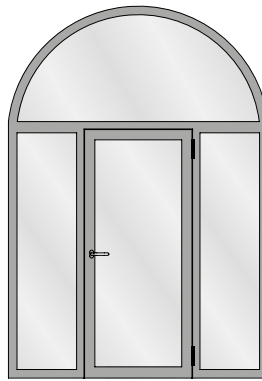
Festverglasung mit zweiflügeliger Türe
Vitrage fixe avec porte à deux vantaux
Fixed glazing with double leaf door



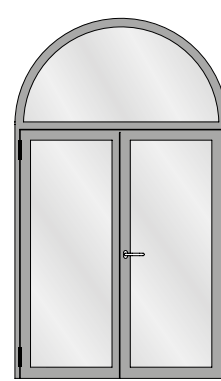
Festverglasung
Vitrage fixe
Fixed glazing



Einflügelige Türe mit Rundbogen-Oberlicht
Porte à un vantail avec imposte demi-ronde
Single leaf door with round arched top light



Einflügelige Türe mit zwei festen Seitenteilen
und Rundbogen-Oberlicht
Porte à un vantail avec deux parties latérales
fixes et imposte demi-ronde
Single leaf door with two fixed side lights and
round arched top light

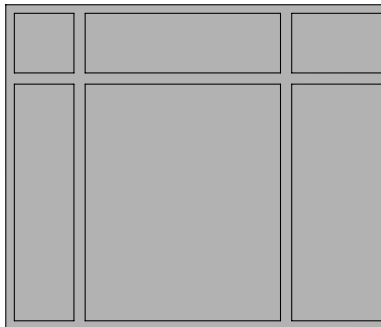
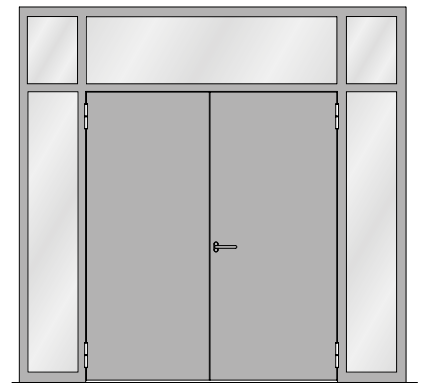
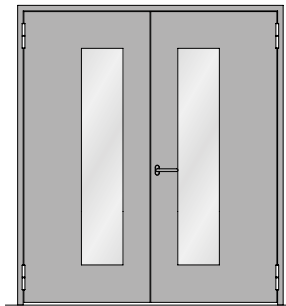
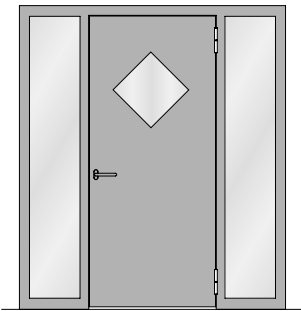
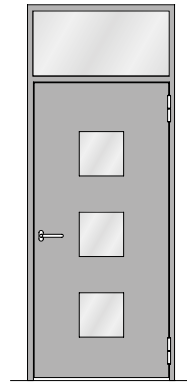
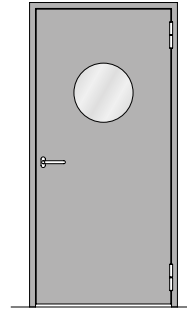
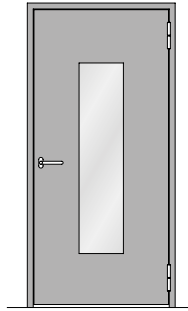
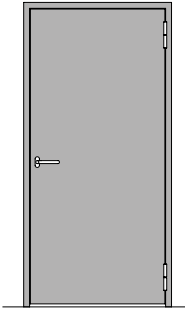


Zweiflügelige Türe mit Rundbogen-Oberlicht
Porte à deux vantaux avec imposte demi-ronde
Double leaf door with round arched top light

**Für Festverglasungen gelten
nationale Zulassungen.**

**Les homologations nationales
s'appliquent aux vitrages fixes.**

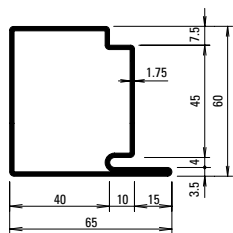
**National approvals apply to fixed
glazing.**



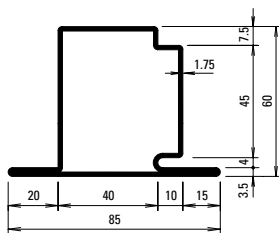
Für Festverglasungen gelten nationale Zulassungen.

Les homologations nationales s'appliquent aux vitrages fixes.

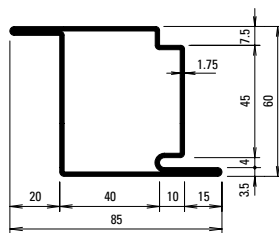
National approvals apply to fixed glazing.



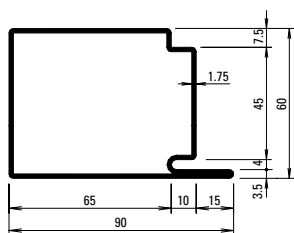
30.019
30.019 Z



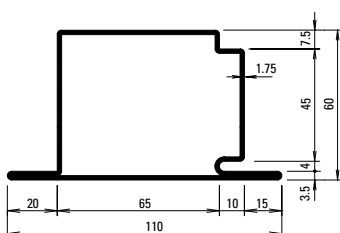
30.119
30.119 Z



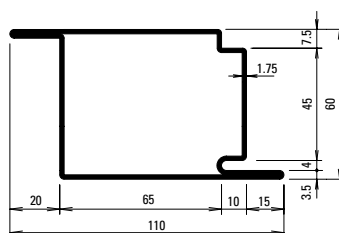
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30.419 Z



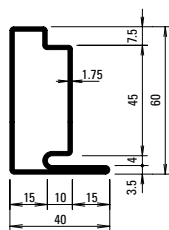
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30.017 Z



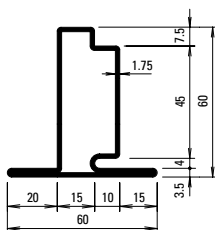
30.117
30.117 Z



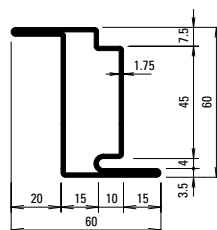
30.415



30.018
30.018 Z



30.118
30.118 Z



30.418
30.418 Z

Oberfläche/Werkstoff

Artikel-Nr.

ohne Zusatz = blank

mit Z = bandverzinkter Stahl

Surface/Matériau

No. d'article

sans supplément = brut

avec Z = bande d'acier zinguée

Surface/Material

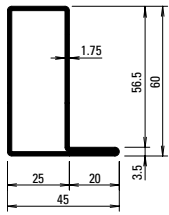
Part no.

without addition = bright

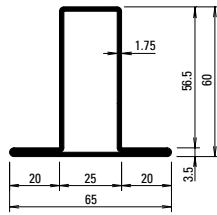
with Z = strip galvanised steel

Profil-Nr.	G kg/m	F cm ²	I _x cm ⁴	W _x cm ³	I _y cm ⁴	W _y cm ³	U m ² /m
30.017	4,200	5,36	31,32	9,09	48,57	10,35	0,312
30.018	2,830	3,61	15,95	4,35	4,77	1,93	0,212
30.019	3,520	4,48	23,69	6,70	19,75	5,55	0,262
30.117	4,750	6,04	34,75	9,35	65,74	11,51	0,350
30.118	3,370	4,29	18,64	4,65	8,26	2,75	0,250
30.119	4,050	5,16	26,80	6,99	29,12	6,58	0,300

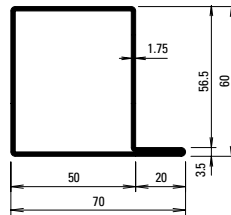
Profil-Nr.	G kg/m	F cm ²	I _x cm ⁴	W _x cm ³	I _y cm ⁴	W _y cm ³	U m ² /m
30.415	4,750	6,04	37,79	12,28	65,74	11,51	0,350
30.418	3,370	4,29	22,92	7,37	8,62	2,75	0,250
30.419	4,050	5,16	30,36	9,82	29,12	6,58	0,300



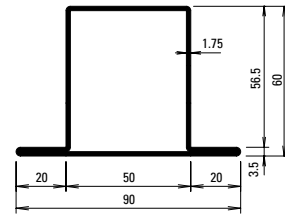
01.634
01.634 Z



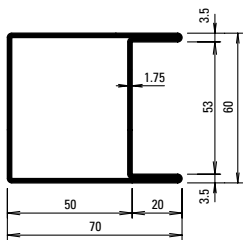
02.634
02.634 Z



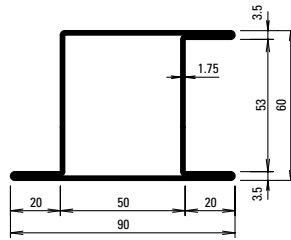
01.684
01.684 Z



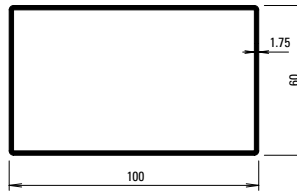
02.684
02.684 Z



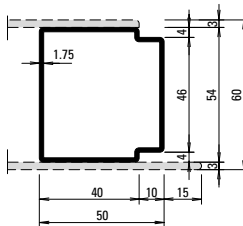
04.637
04.637 Z



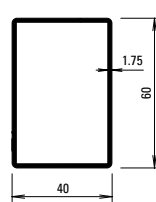
05.637
05.637 Z



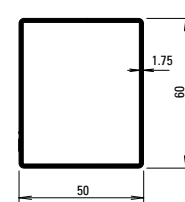
400.051
400.051 Z



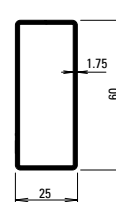
81.010
81.010 Z



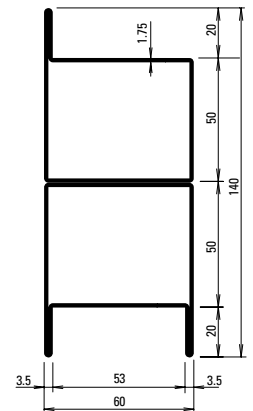
400.052
400.052 Z



400.054
400.054 Z



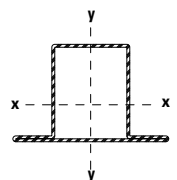
400.055
400.055 Z



05.001

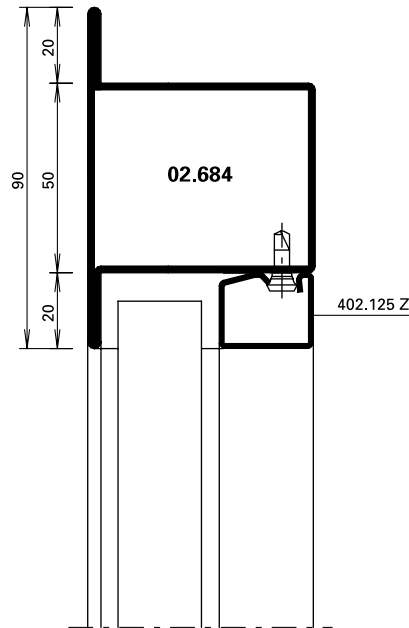
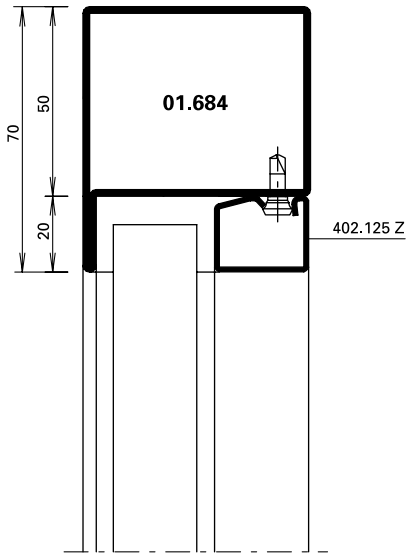
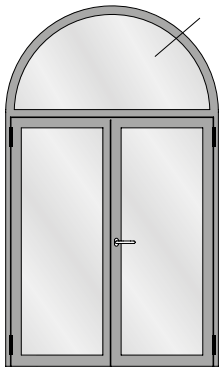
Profil-Nr.	G kg/m	F cm ²	I _x cm ⁴	W _x cm ³	I _y cm ⁴	W _y cm ³	U m ² /m
01.634	2,730	3,48	16,71	4,71	6,04	2,15	0,204
02.634	3,270	4,17	19,66	5,01	10,34	3,18	0,243
01.684	3,430	4,37	24,34	7,07	22,12	5,59	0,255
02.684	3,960	5,05	27,70	7,36	31,93	7,09	0,294
04.637	3,960	5,05	30,62	10,2	27,45	7,71	0,294
05.637	4,500	5,72	35,42	10,6	39,45	8,02	0,333
81.010	2,700	3,43	14,53	5,38	13,05	5,10	0,202
400.051	4,300	5,44	76,01	15,2	34,64	11,55	0,316
400.052	2,630	3,34	8,98	4,49	16,86	5,62	0,197
400.054	2,900	3,69	14,97	5,98	19,83	6,61	0,217
400.055	2,210	2,82	3,08	2,47	12,41	4,13	0,167

Stabachse
Axe de la barre
Bar axis

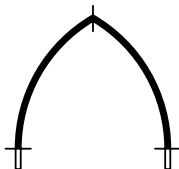


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DXF **DWG**



Halbrundbogen
Arc semi-circulaire
Semi-circular arch



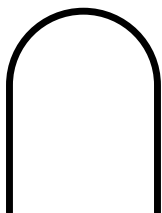
Spitzbogen
Arc en ogive
Gothic arch



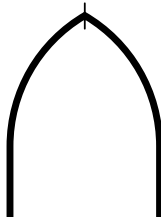
Stichbogen
Arc bombé
Segmented arch



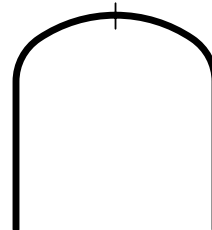
Korbbogen
Anse de panier
Oval arch



Halbrundbogen mit Schenkel
Arc surhaussé prolongée
Semi-circular arch with side extension



Spitzbogen mit Schenkel
Arc en ogive prolongée
Gothic arch with side extension



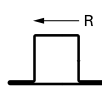
Korbbogen mit Schenkel
Anse de panier prolongée
Oval arch with side extension

Bogentüren
Portes cintrées
Arched doors

Jansen-Economy 60 E30
Jansen-Economy 60 E30
Jansen-Economy 60 E30

Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
------------------------------	---

	blank brut bright	verzinkt zingué galvanised
	mm	mm
01.634	350	
01.684	450	900

		
02.634	350	600
02.684		1050

		
04.637		1550

		
05.637		1550

		
400.052	900	1100
400.054		1000
400.055		700

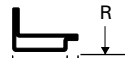
Stahl-Glasleisten Parcloses en acier Steel glazing beads	Min. Radius Rayon min. Min. radius R
--	---

	
402.112 Z	500 mm
402.115 Z	500 mm
402.120 Z	600 mm
402.125 Z	750 mm
402.130 Z	1000 mm
402.135 Z	1500 mm

Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
------------------------------	---

	
20/15/1,5	300 mm
20/20/1,5	300 mm
20/25/1,5	400 mm
20/30/1,5	500 mm
20/35/1,5	500 mm

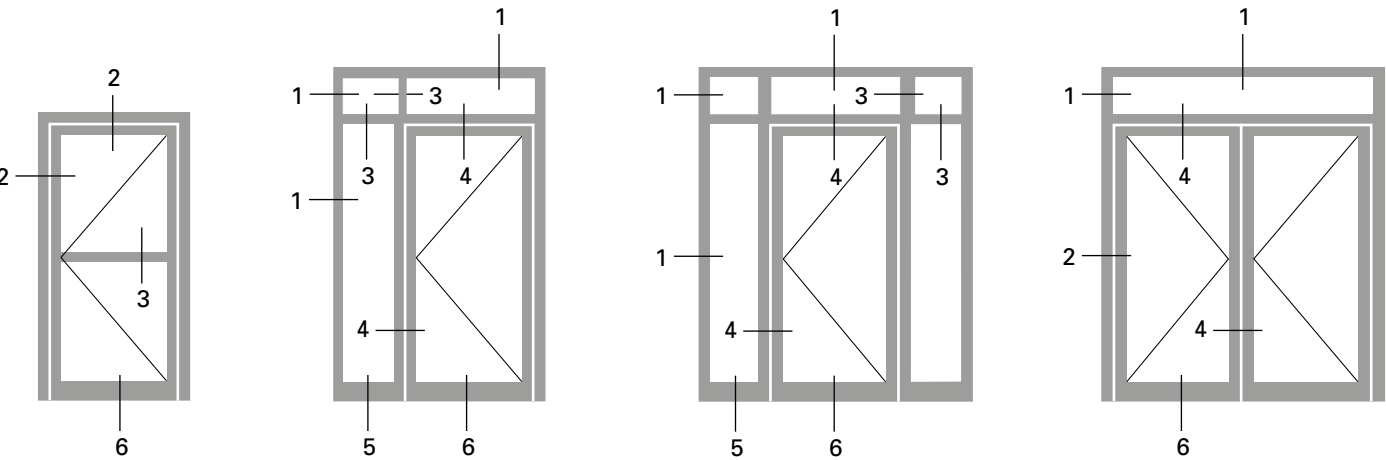
Stahl-Glasleisten Parcloses en acier Steel glazing beads	Min. Radius Rayon min. Min. radius R
--	---

	
62.507 Z	300 mm
62.508 Z	300 mm
62.509 Z	300 mm

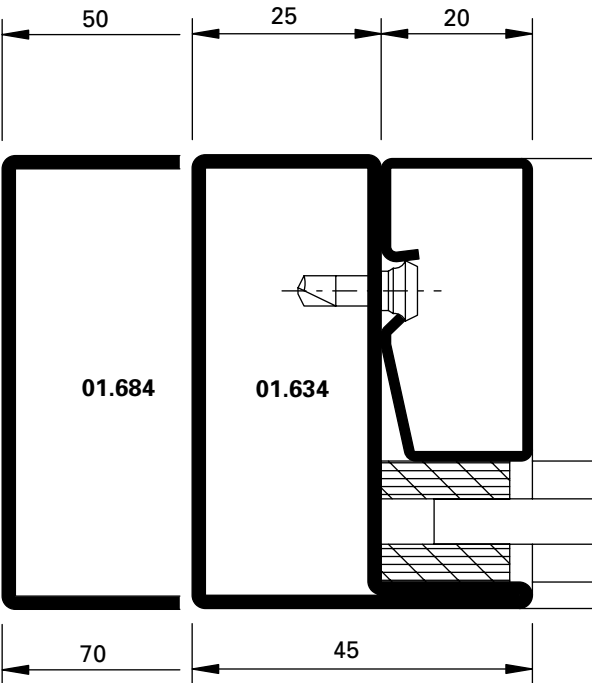
Die Radien-Angaben beziehen sich auf die langjährige Erfahrung und Fertigung im Hause Jansen.

Les rayons indiqués se fondent sur la longue expérience et la fabrication au sein de la maison Jansen.

The radii specifications are based on the many years of experience Jansen has in fabrication.

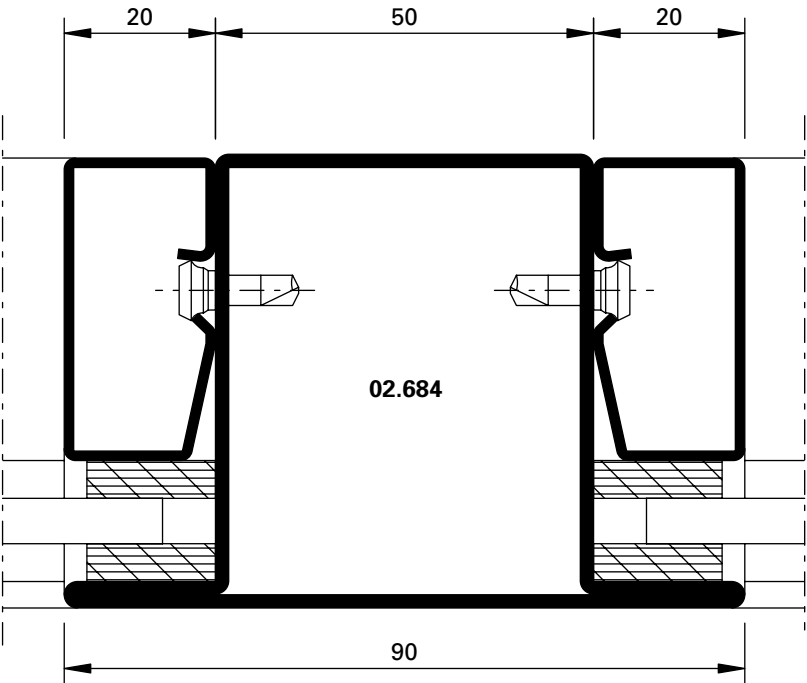


1.0



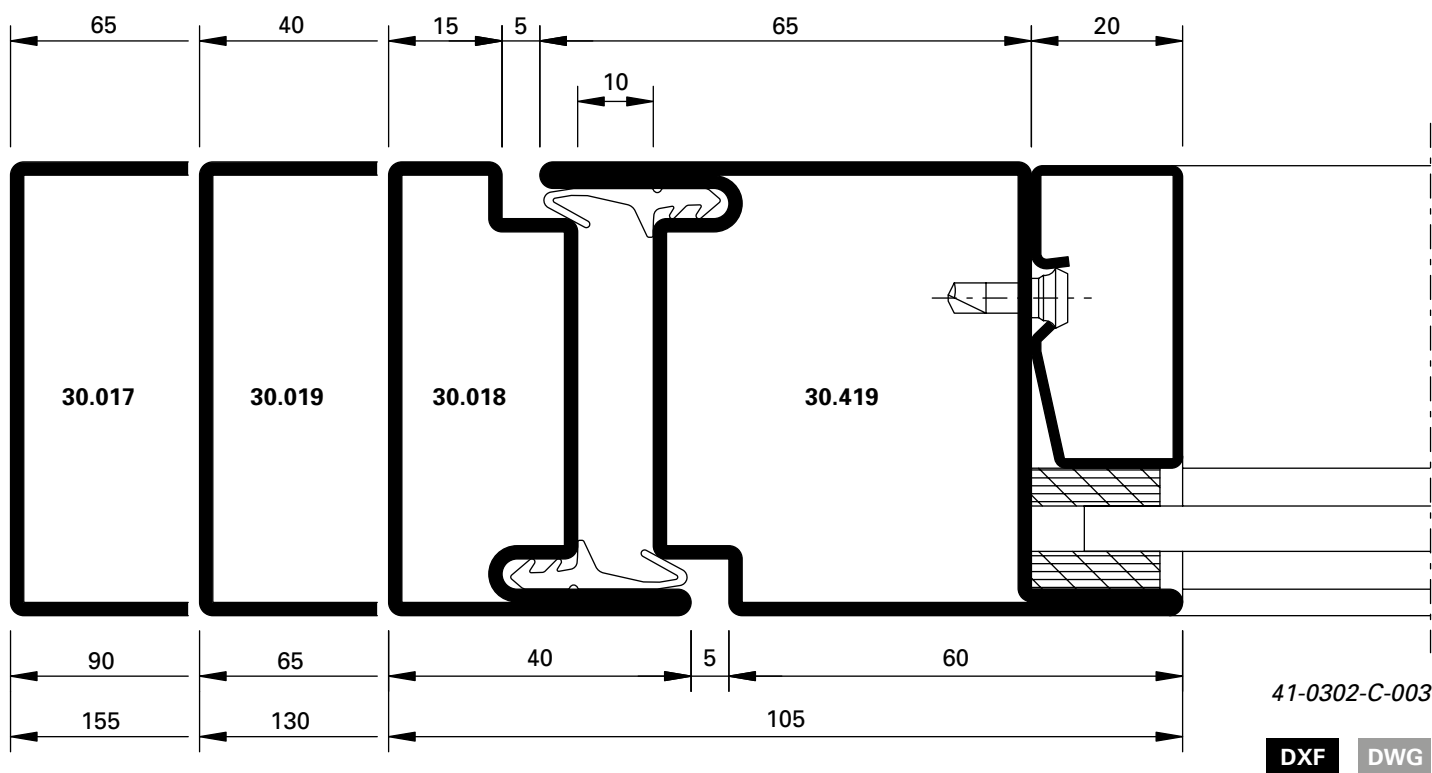
DXF DWG 41-0302-C-001

3.0

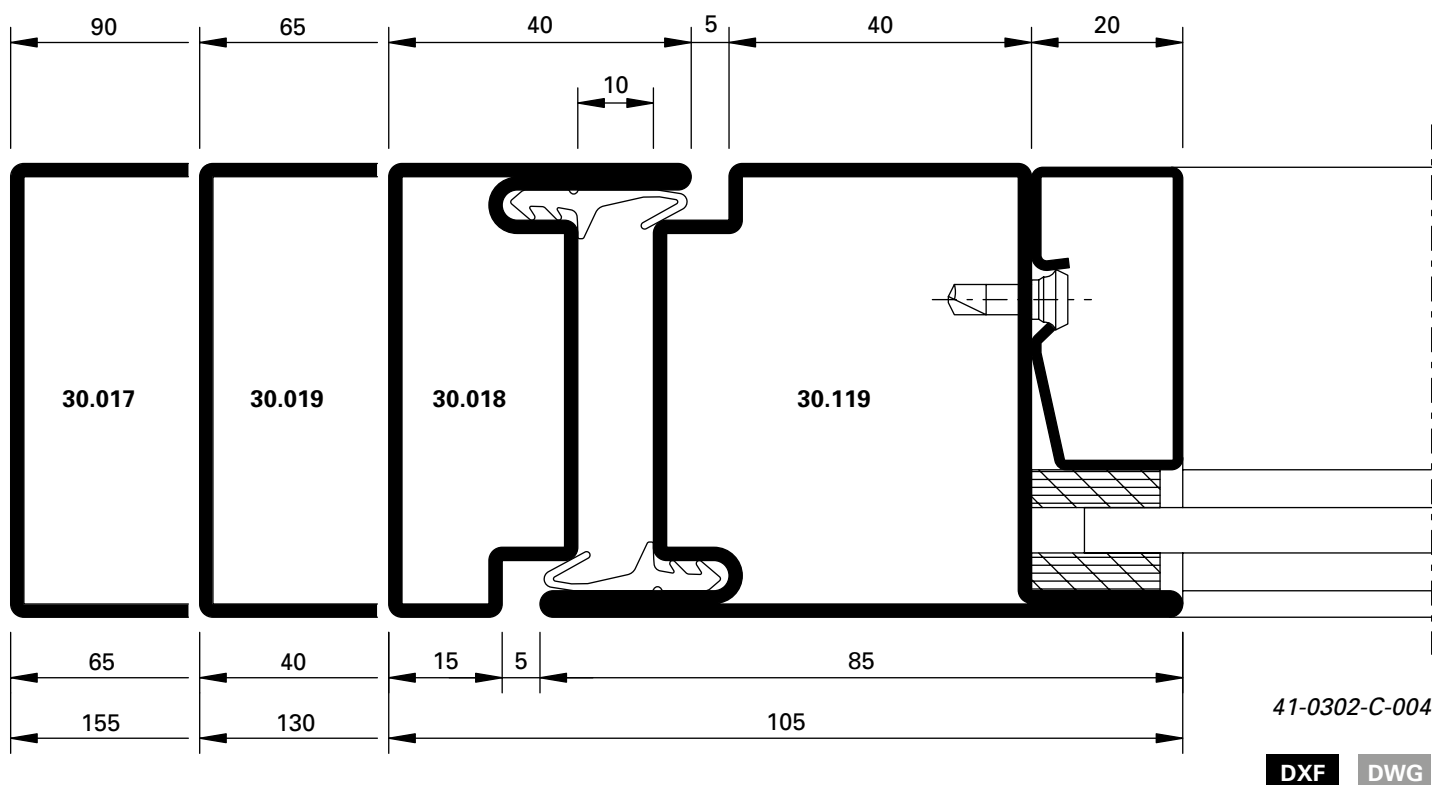


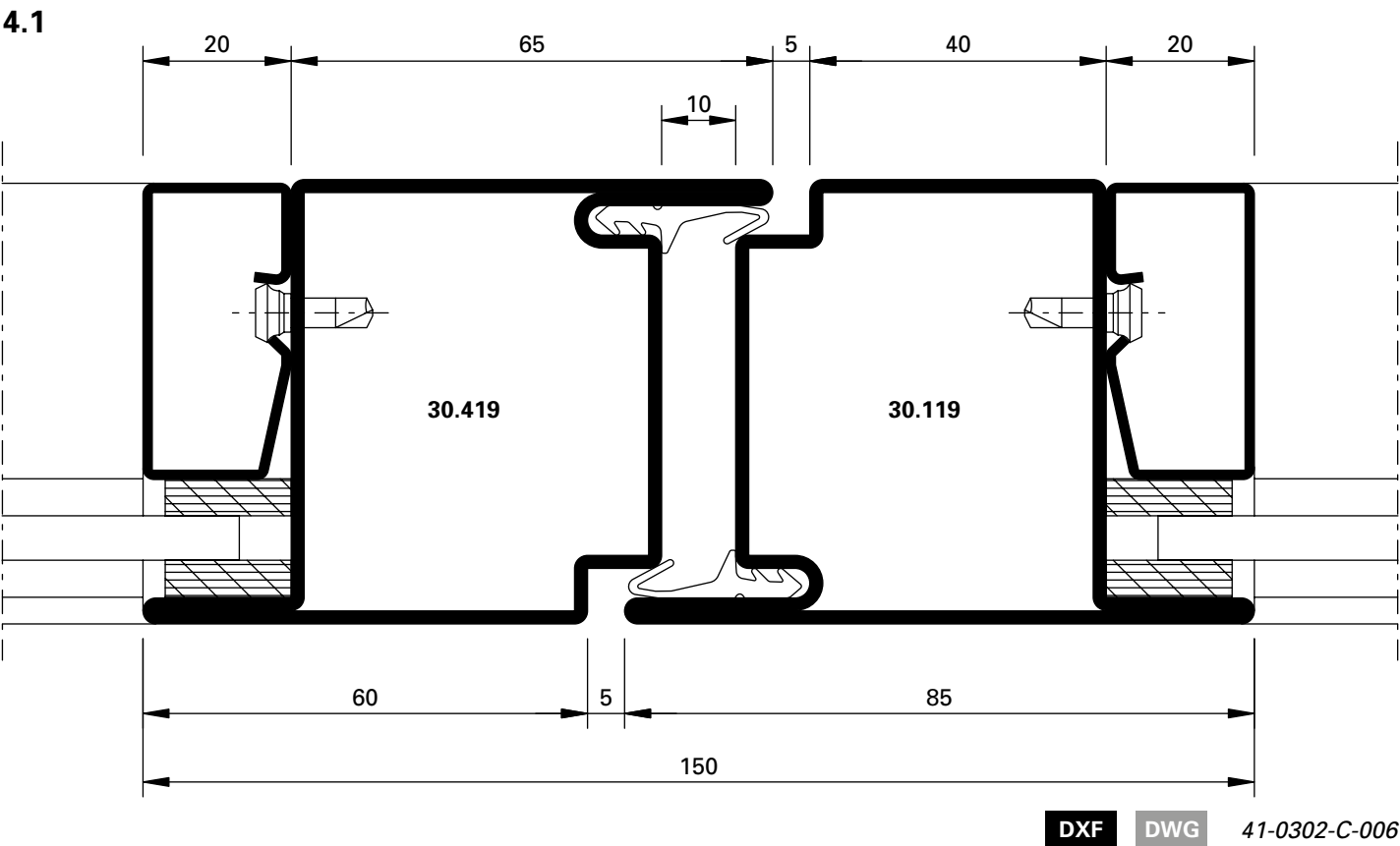
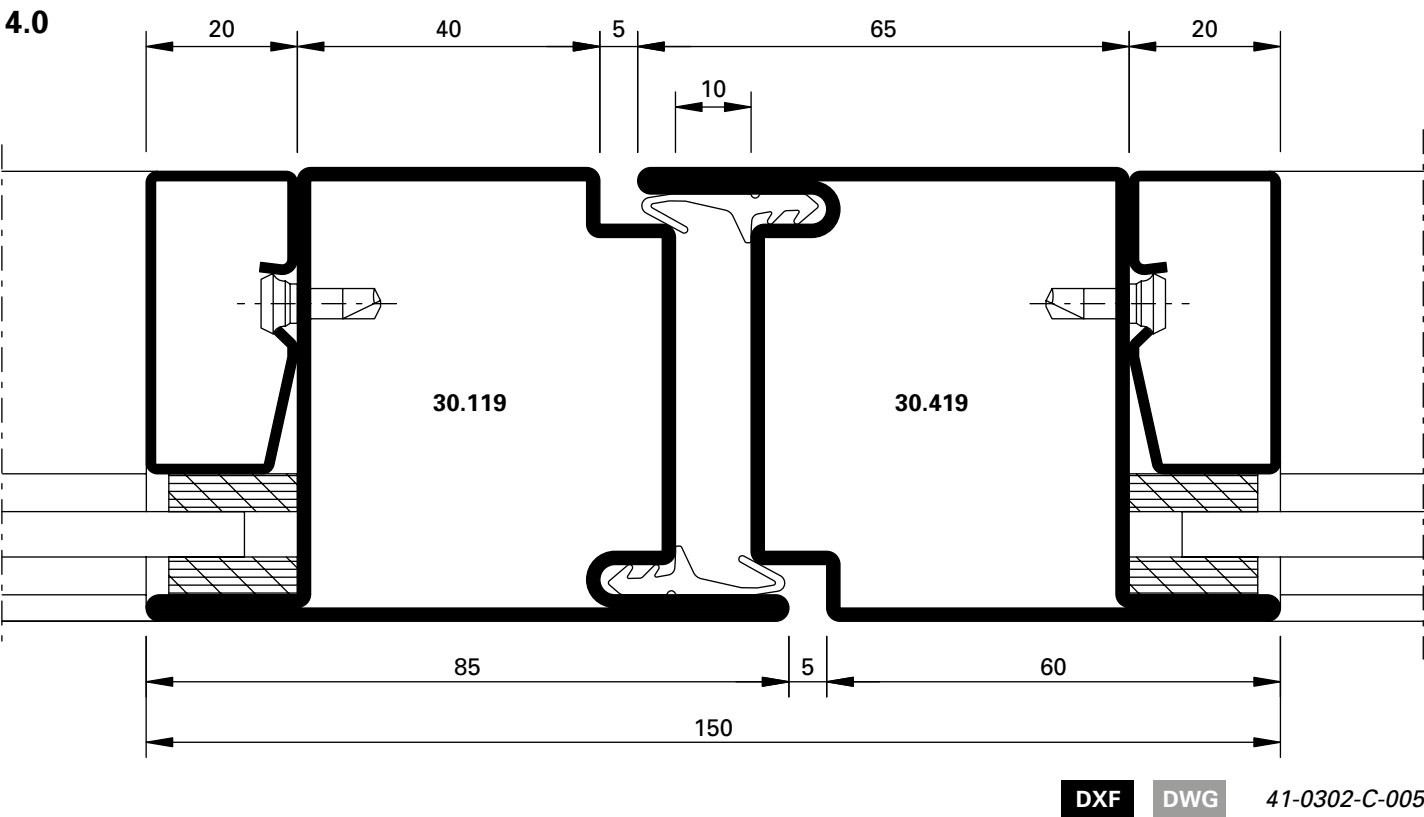
DXF DWG 41-0302-C-002

2.0



2.1





Technical drawing of a door frame assembly. The drawing shows a cross-section of the frame with dimensions in millimeters. The total height of the frame is 90 mm. The top section has a height of 20 mm. The middle section has a height of 50 mm. The bottom section has a height of 20 mm. The width of the frame is 40 mm. The drawing also shows a door handle and a lock mechanism. The door handle is labeled 05.637. The lock mechanism is labeled 35/20/1.5.

DXF

DXF

Technical drawing of the DWG 41-0302-C-010, showing a side view of a rectangular unit with dimensions and a top view of a rectangular base.

Side View Dimensions:

- Overall height: 70
- Top section height: 11
- Top section width: 5.5
- Top section depth: 5.5
- Top section width (inner): 7
- Top section depth (inner): 20
- Top section width (outer): 50
- Top section depth (outer): 11
- Top section width (inner, bottom): 5.5
- Top section depth (inner, bottom): 40

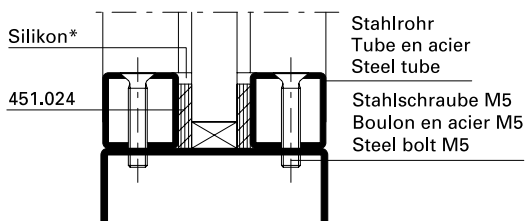
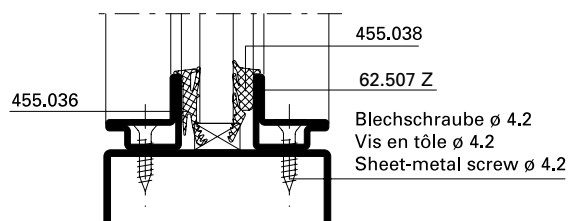
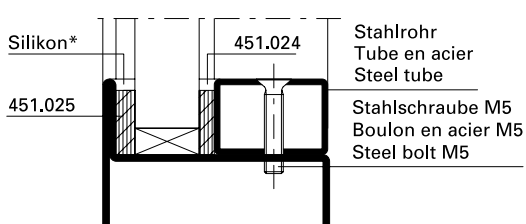
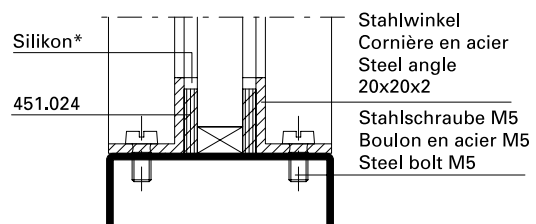
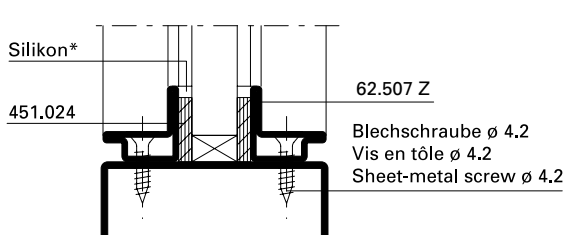
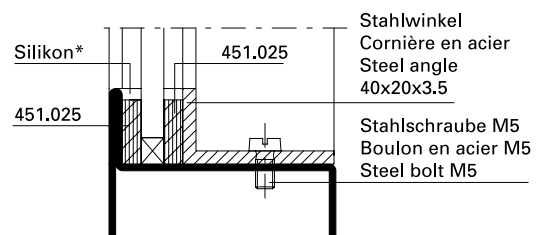
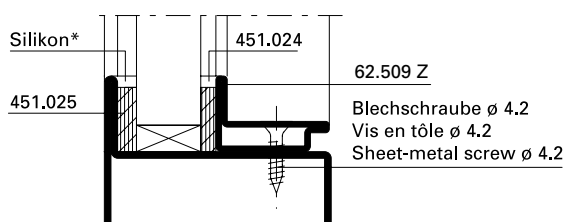
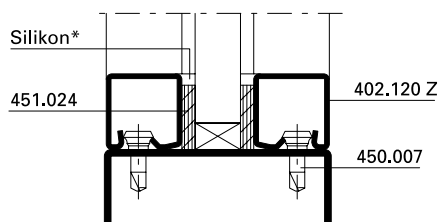
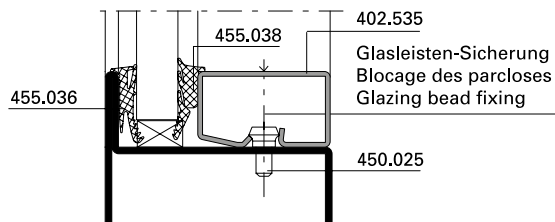
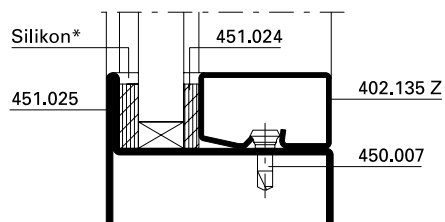
Top View Dimensions:

- Overall width: 40
- Overall height: 25
- Inner width: 25
- Inner height: 15

Labels:

- 01.684 (Side View)
- 40/25/2 (Top View)

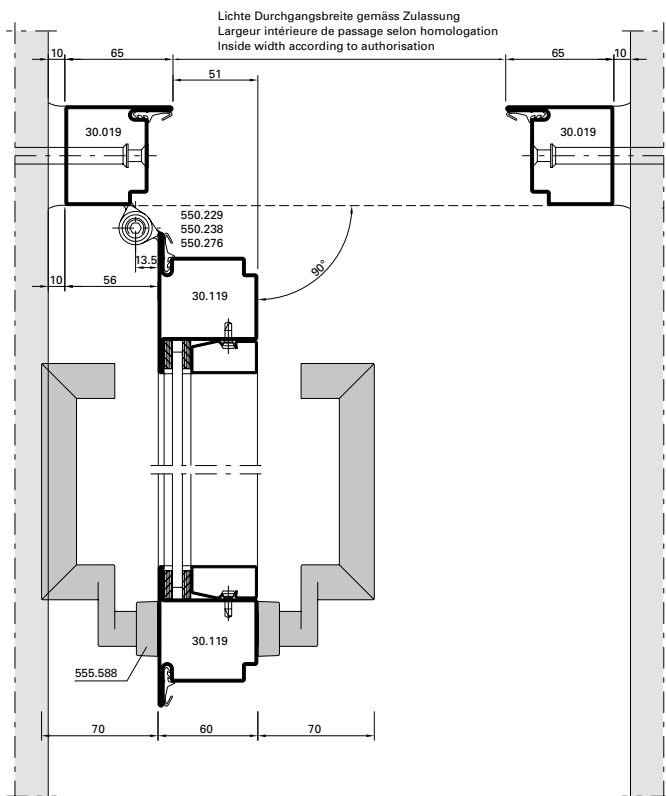
DXF



* Brandschutz-Silikon wahlweise

* Silicon difficilement combustible
au choix

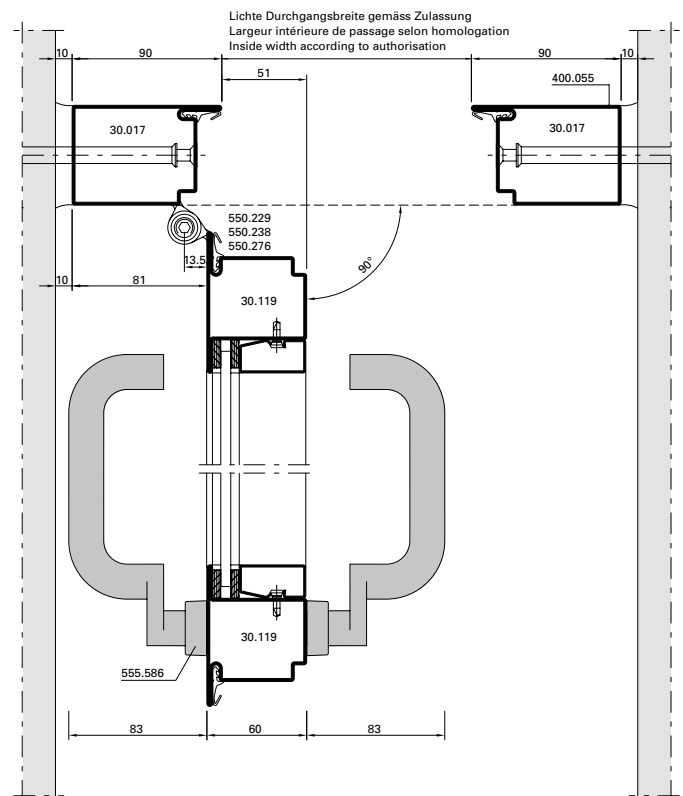
* Fire resistant silicone optional



DXF

DWG

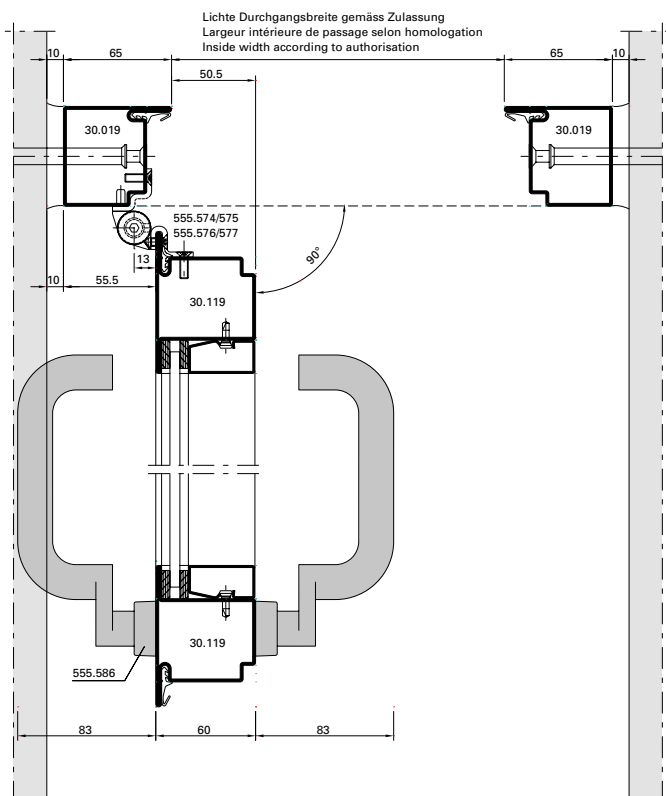
41-0302-E-023



DXF

DWG

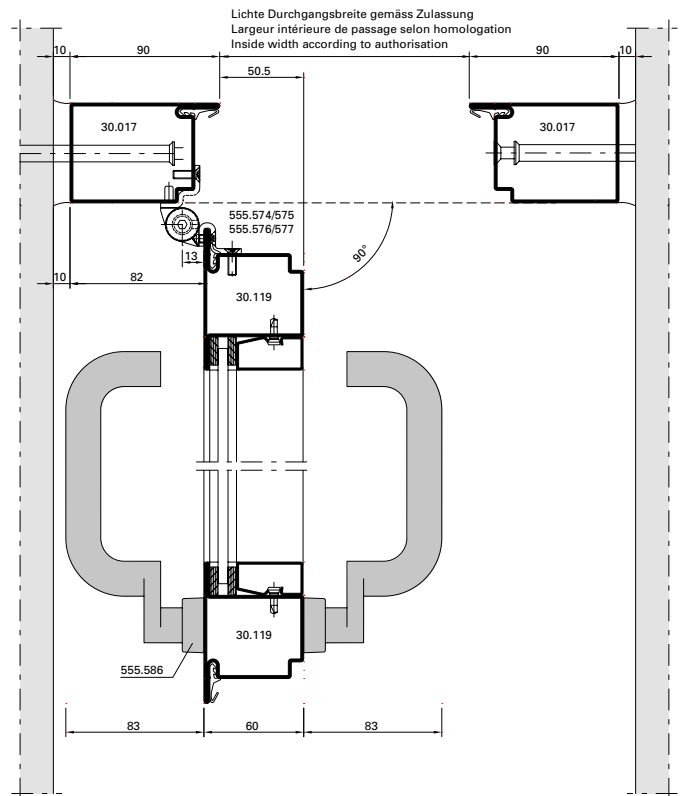
41-0302-E-024



DXF

DWG

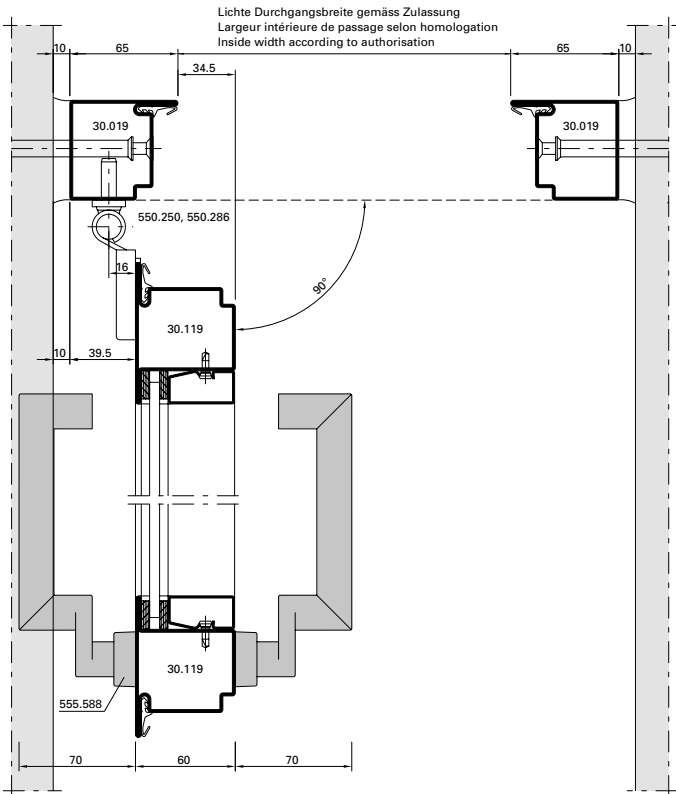
41-0302-E-025



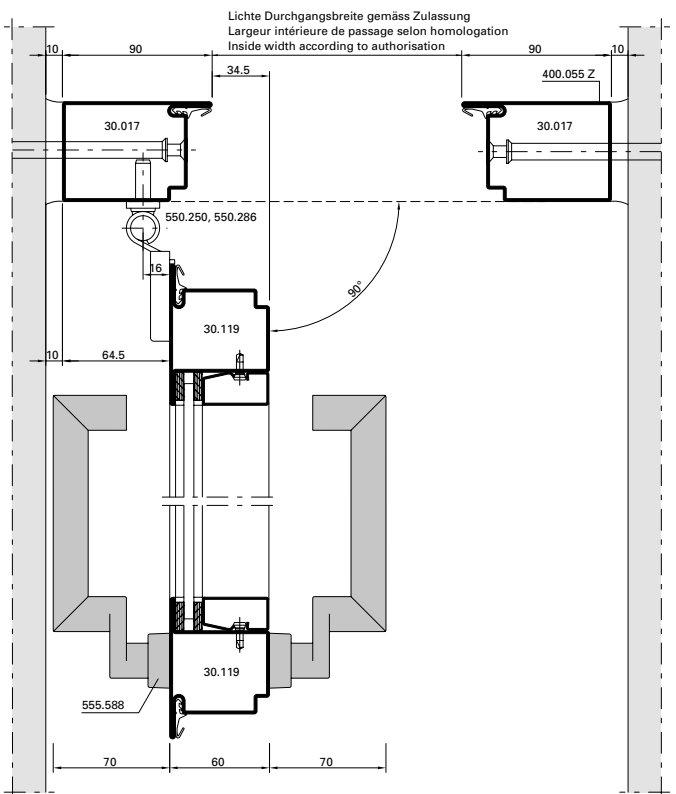
DXF

DWG

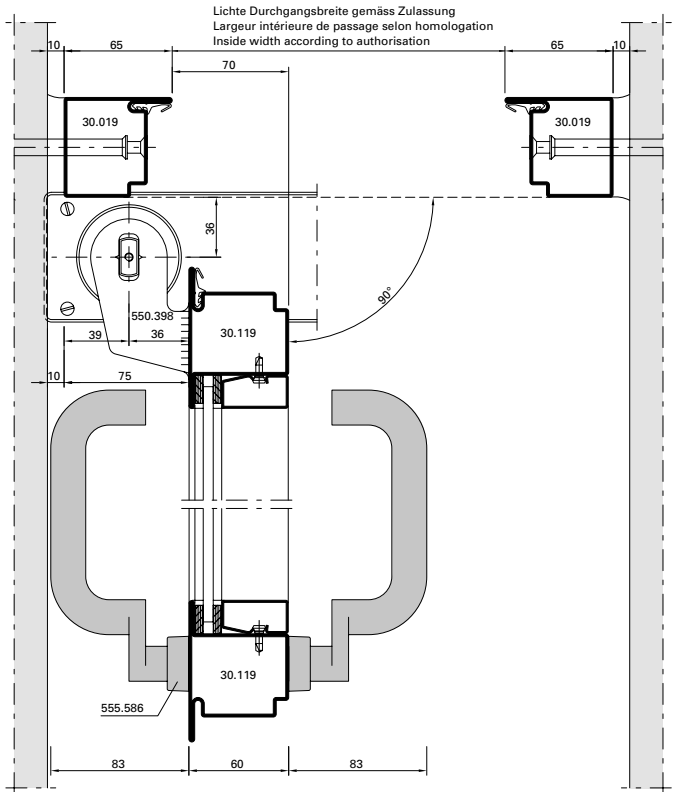
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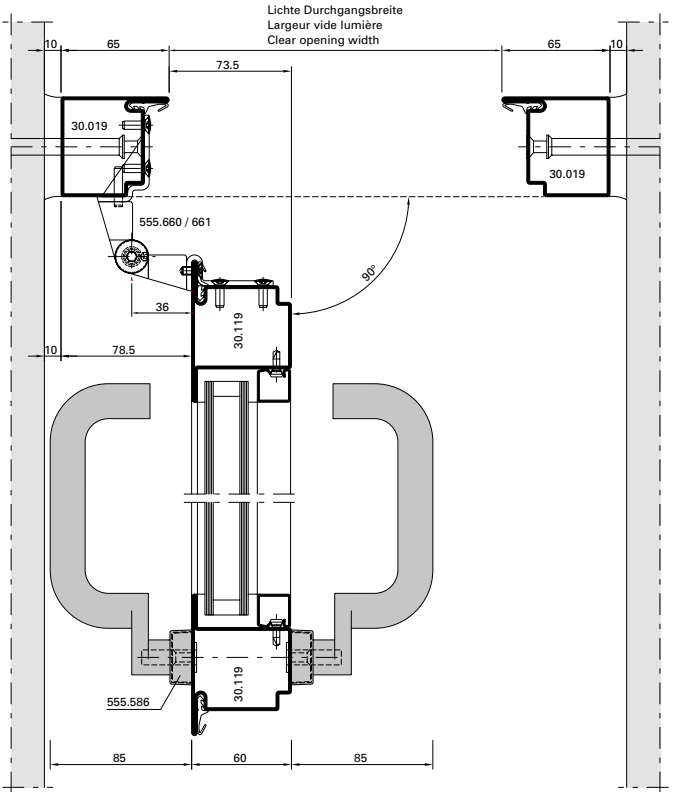
DXF DWG 41-0302-E-027



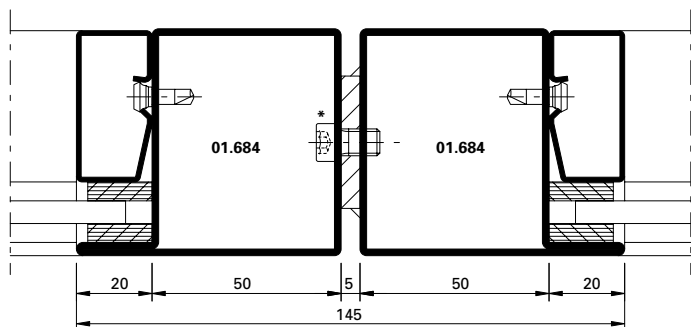
DXF DWG 41-0302-E-028



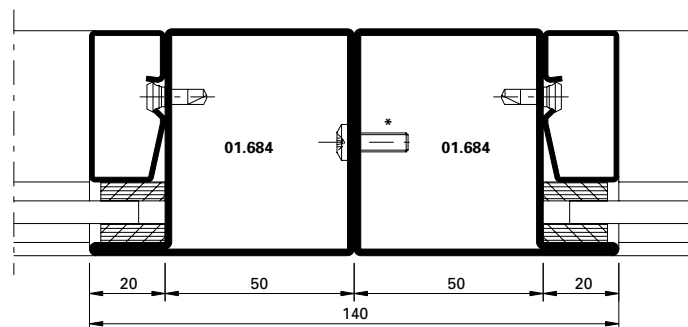
DXF DWG 41-0302-E-029



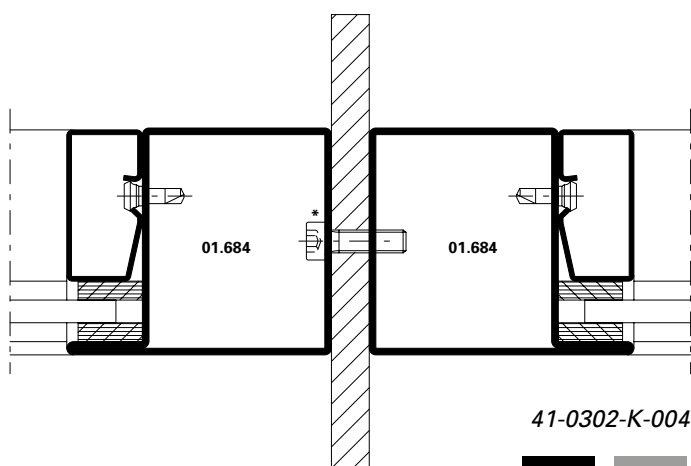
DXF DWG 41-0302-E-034



DXF **DWG** 41-0302-K-001

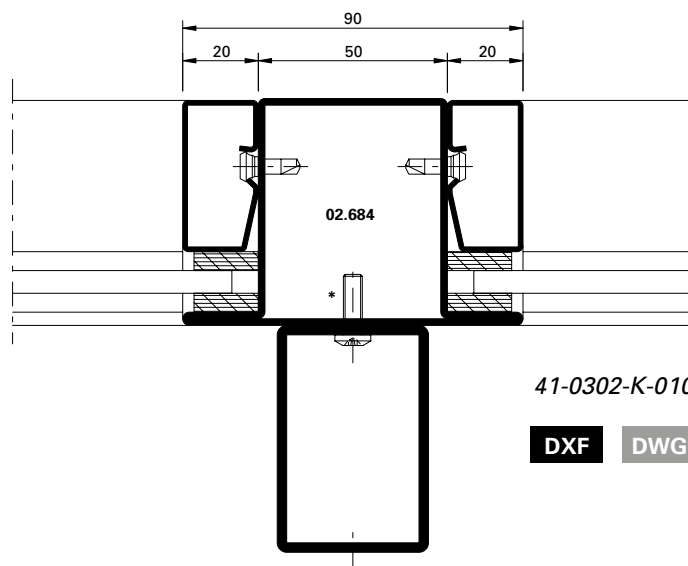


DXF **DWG** 41-0302-K-021



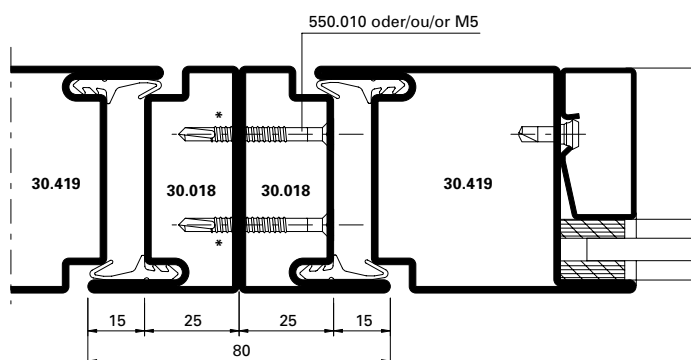
41-0302-K-004

DXF **DWG**

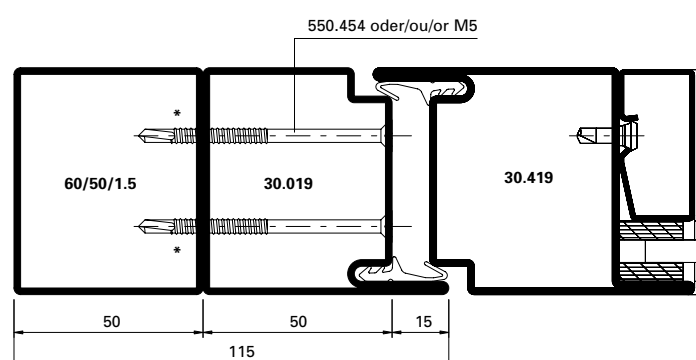


41-0302-K-010

DXF **DWG**



DXF **DWG** 41-0302-K-019

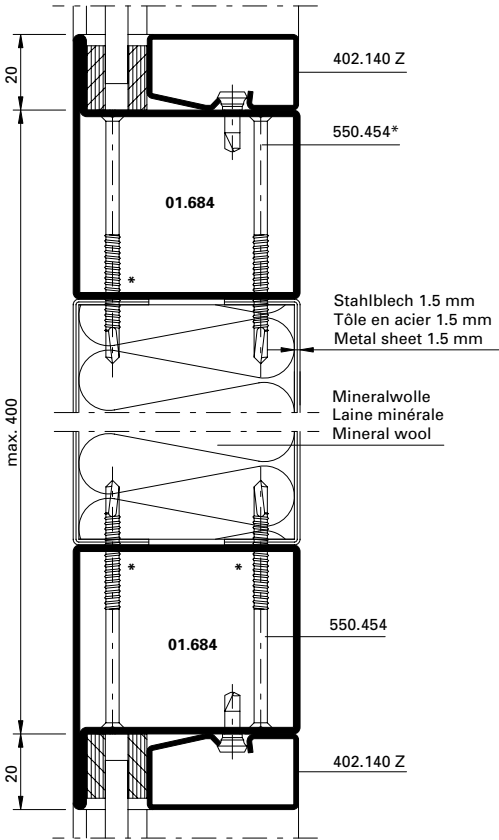


DXF **DWG** 41-0302-K-018

* Schrauben-Abstand ≤ 500 mm

* Distance des vis ≤ 500 mm

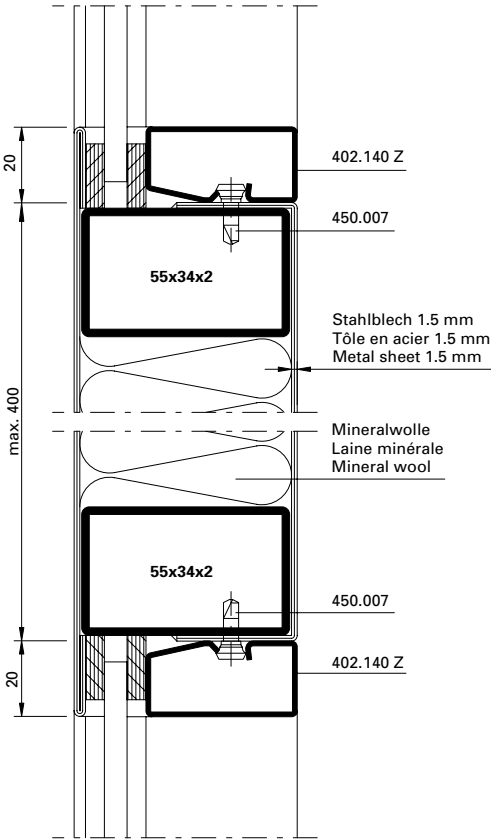
* Screw distance ≤ 500 mm



41-0302-K-011

DWG

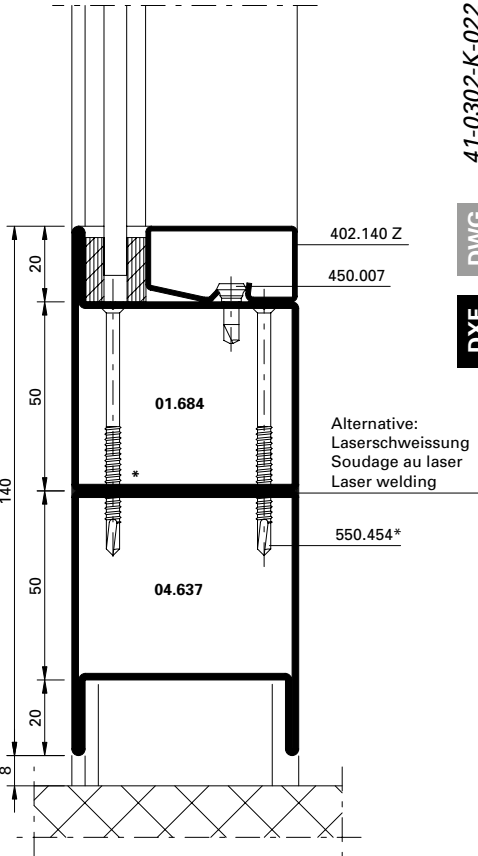
DXF



41-0302-K-012

DWG

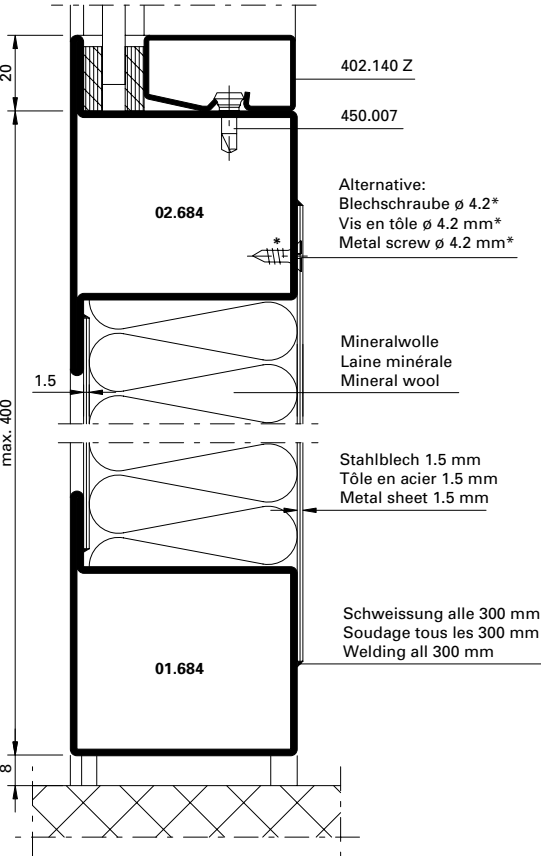
DXF



41-0302-K-022

DWG

DXF



41-0302-K-023

DWG

DXF

* Schrauben-Abstand ≤ 500 mm

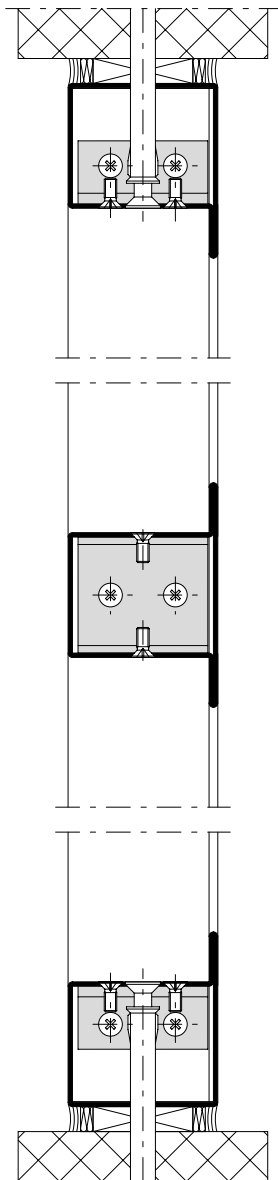
* Distance des vis ≤ 500 mm

* Screw distance ≤ 500 mm

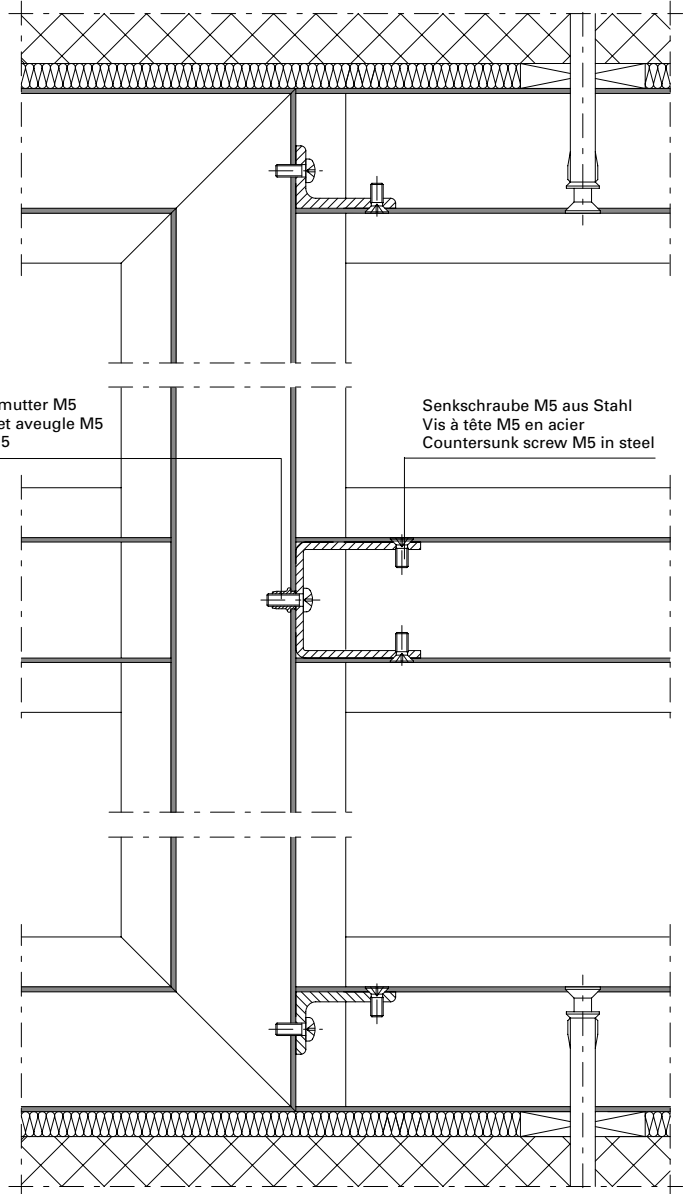
T-Verbinder schraubbar

Raccord en T à visser

Screwable connecting spigot

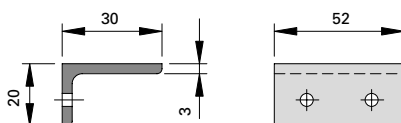


Stahlschraube M5 wahlweise Blindnietmutter M5
 Boulon en acier M5 au choix écrou rivet aveugle M5
 Steel bolt M5 optional blind rivet nut M5

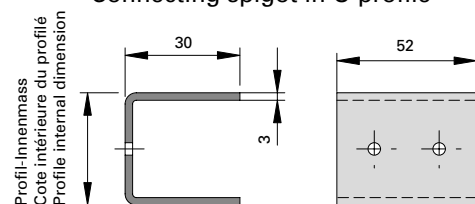


Senkschraube M5 aus Stahl
 Vis à tête M5 en acier
 Countersunk screw M5 in steel

T-Verbinder aus Winkelstahl*
 Raccord en T en cornière en acier*
 Connecting spigot in steel angle*



T-Verbinder aus U-Profil*
 Raccord en T en profilé en U*
 Connecting spigot in U profile*

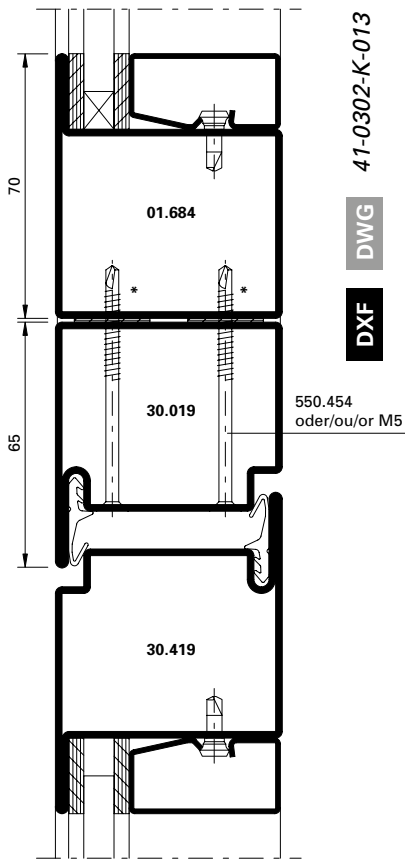


* Durch Metallbauer herzustellen

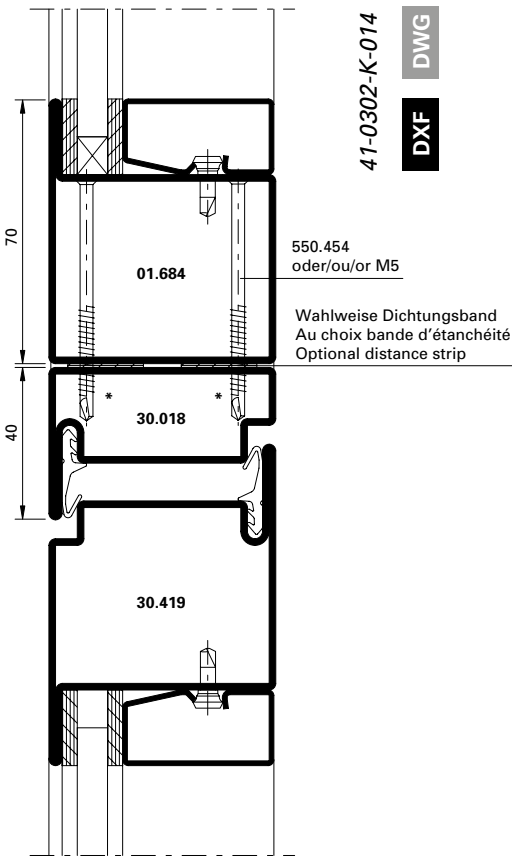
* A fabriquer par le constructeur

* To be manufactured by metal worker

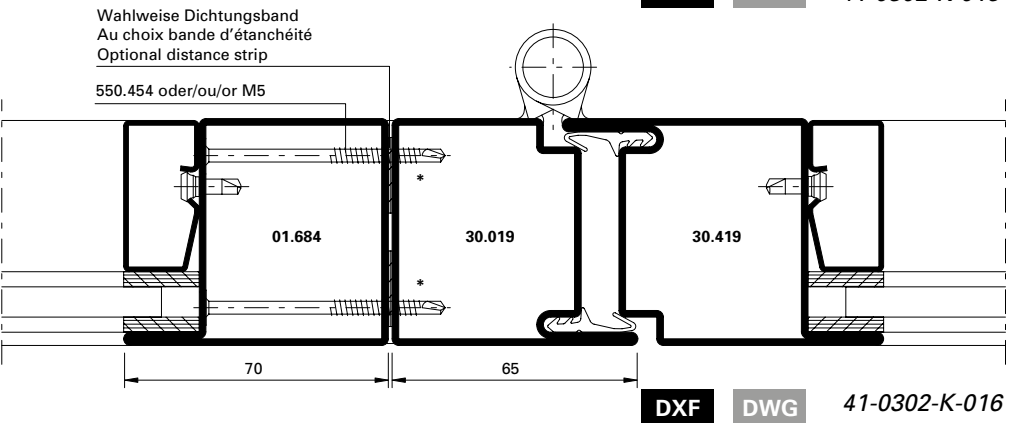
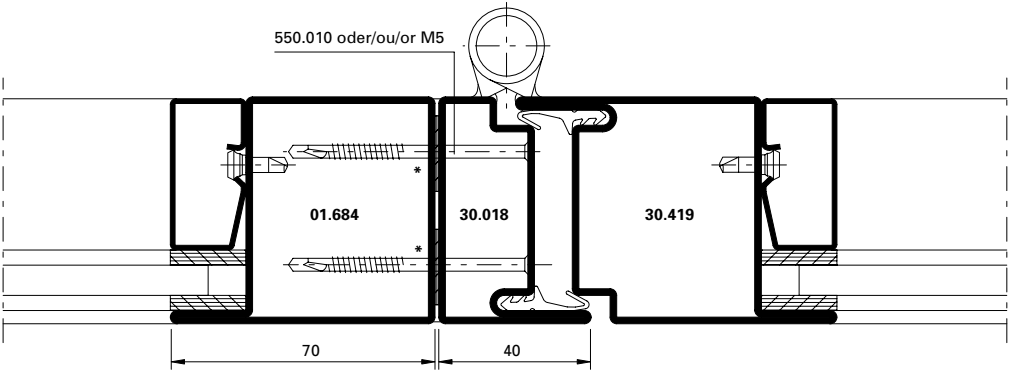
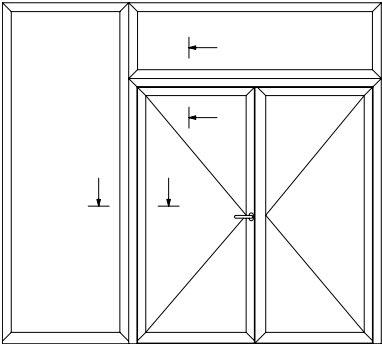
Element-Kopplungen



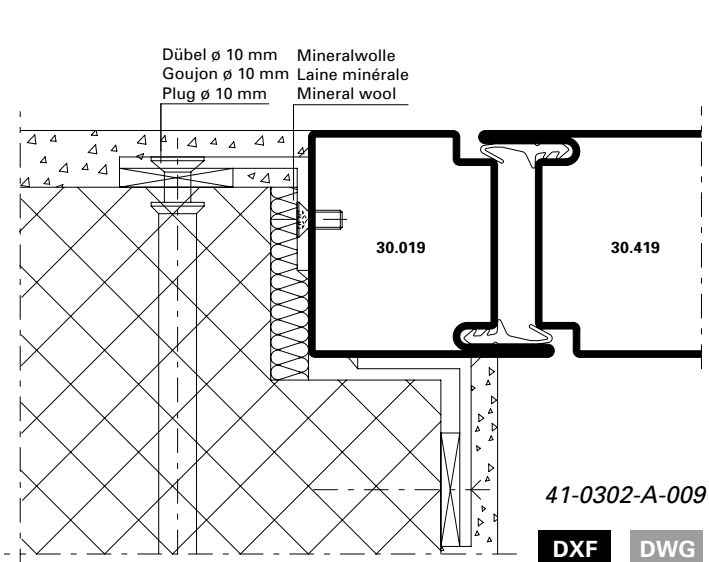
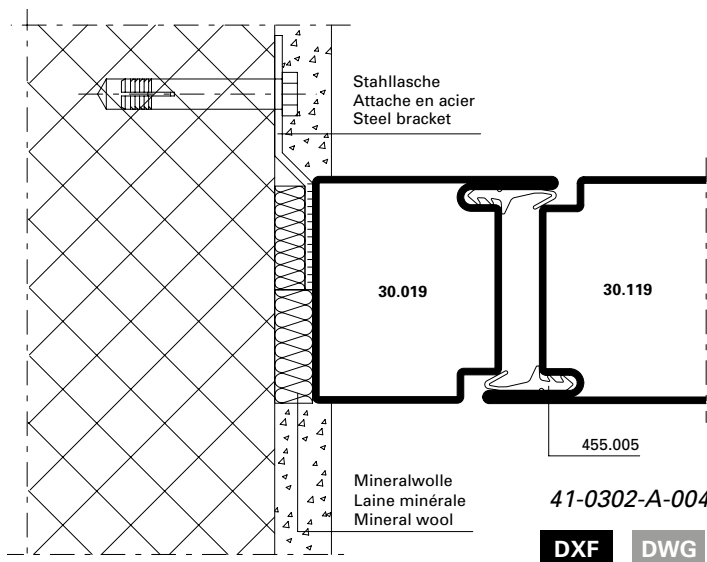
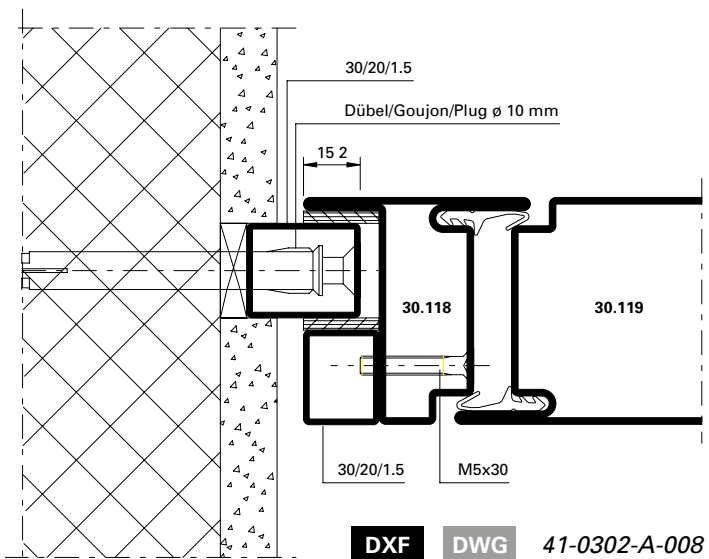
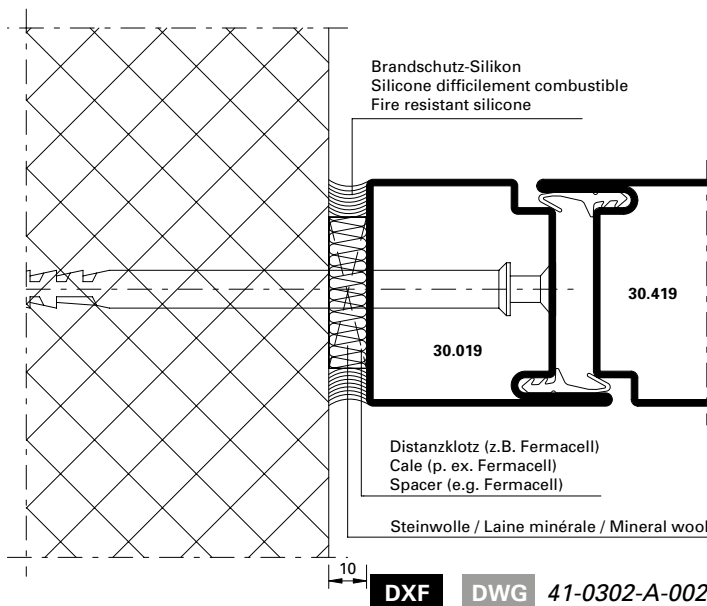
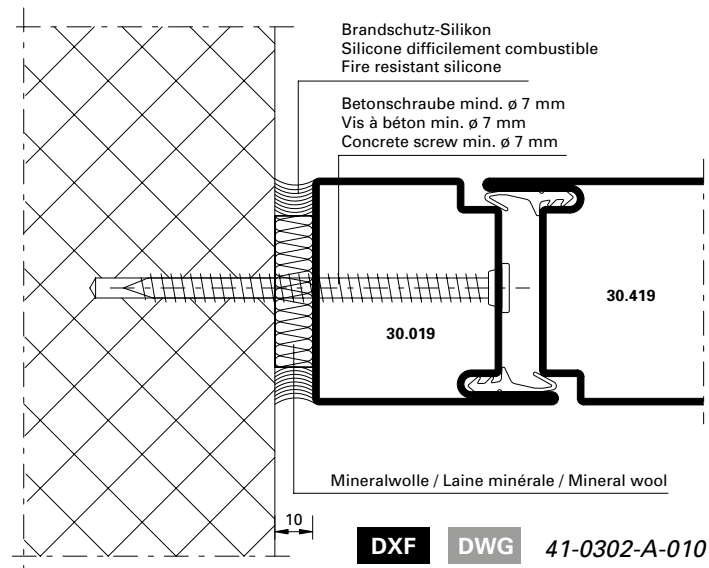
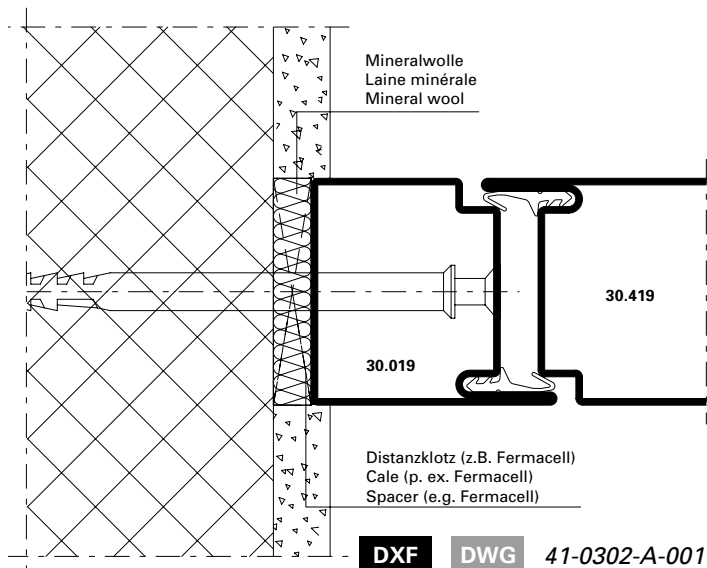
Couplages d'éléments

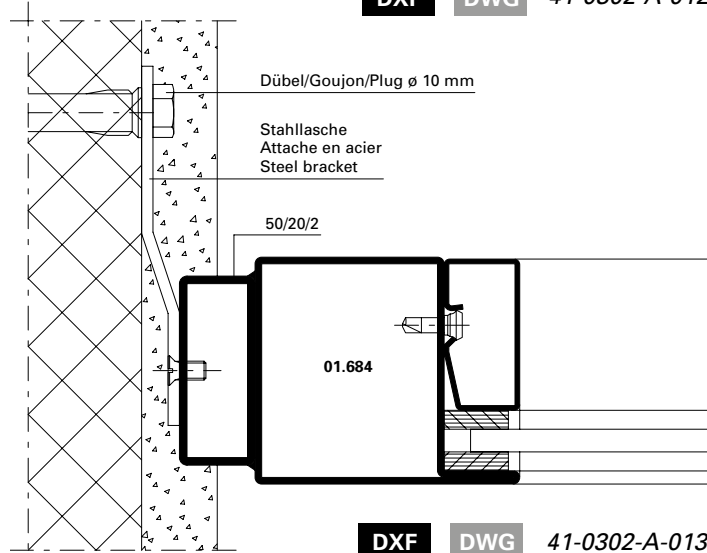
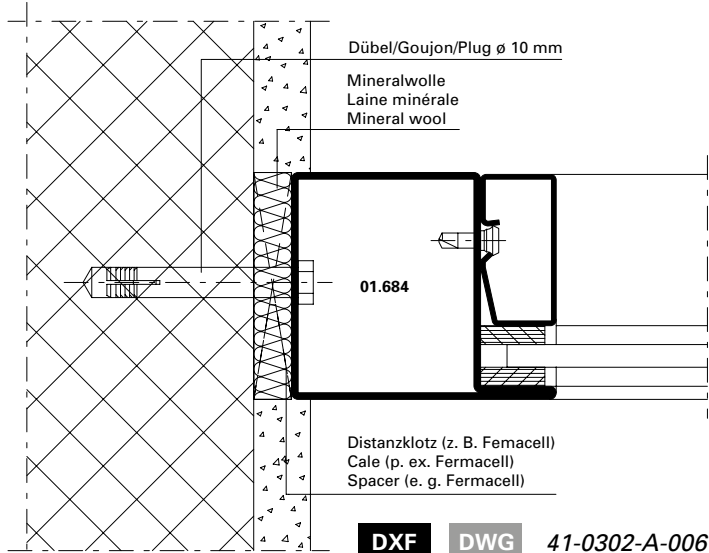
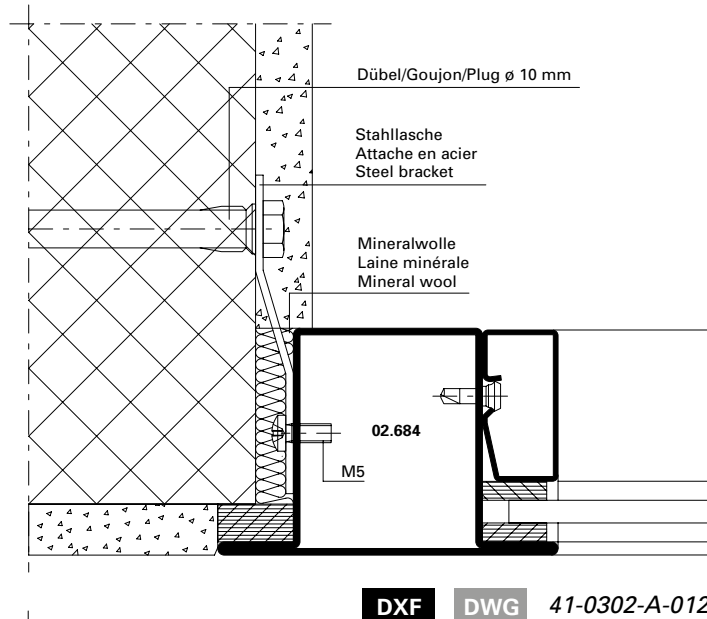
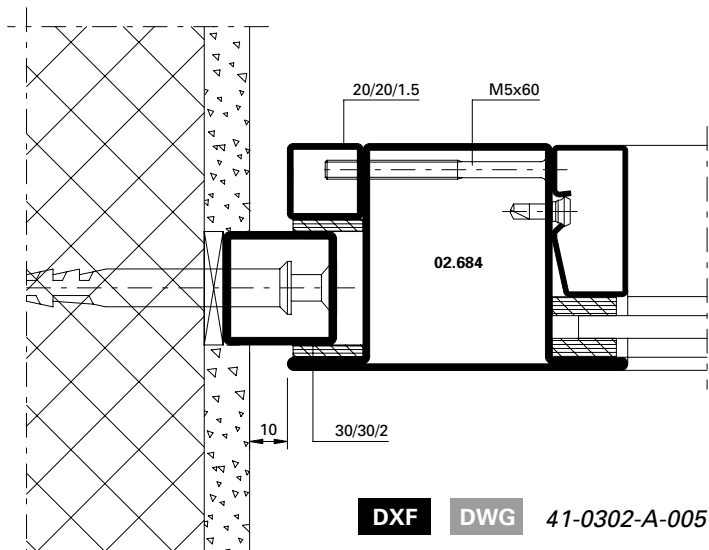
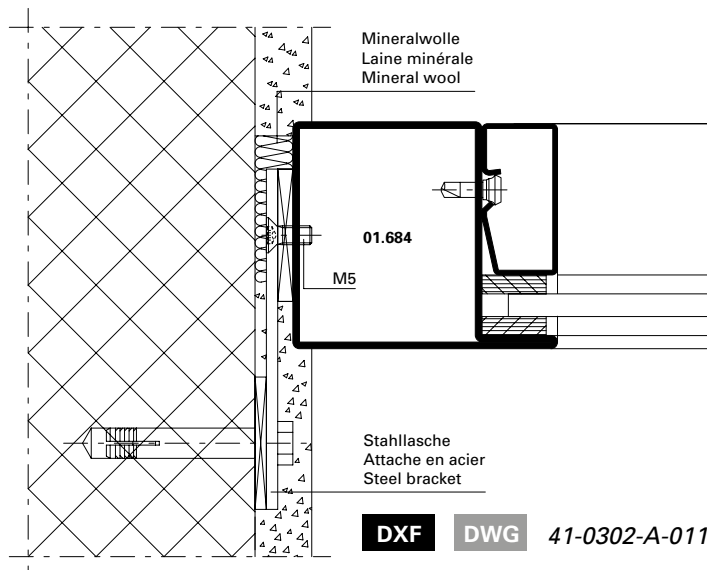
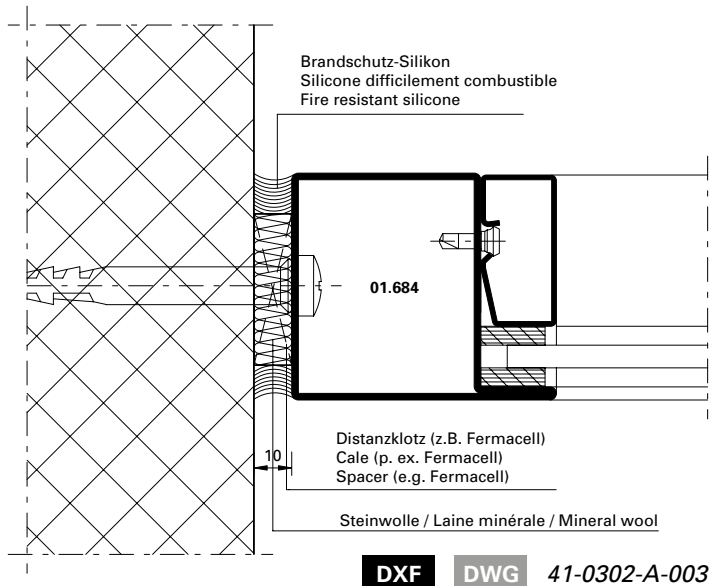


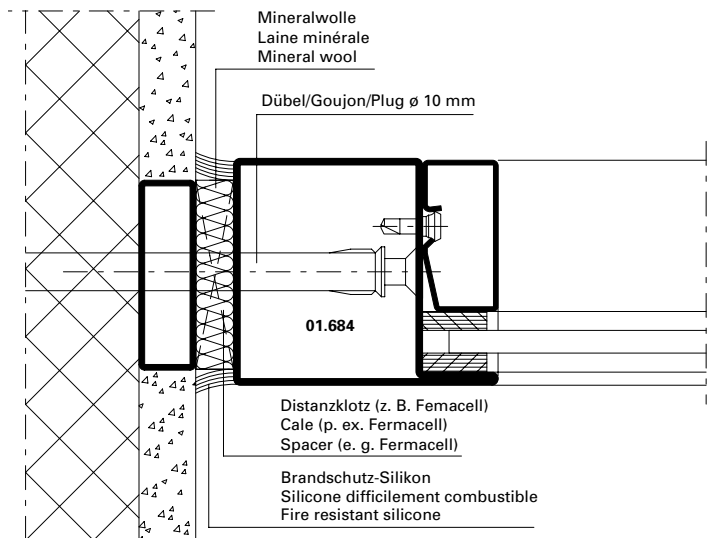
Coupling element



* Schrauben-Abstand ≤ 500 mm
* Distance des vis ≤ 500 mm
* Screw distance ≤ 500 mm



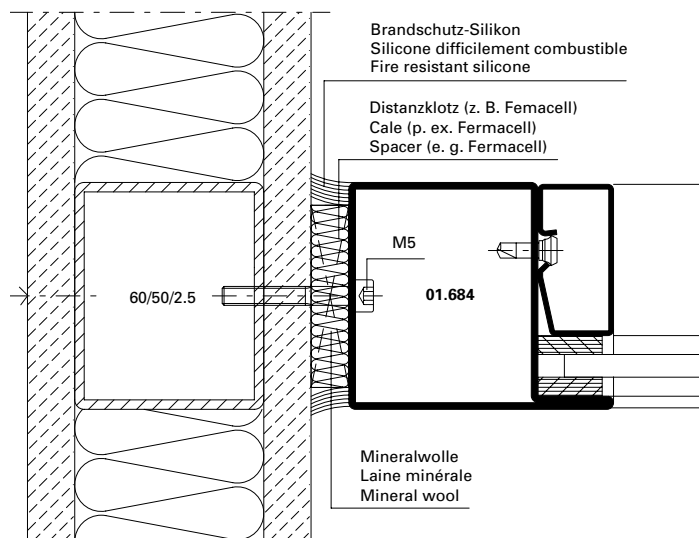




DXF

DWG

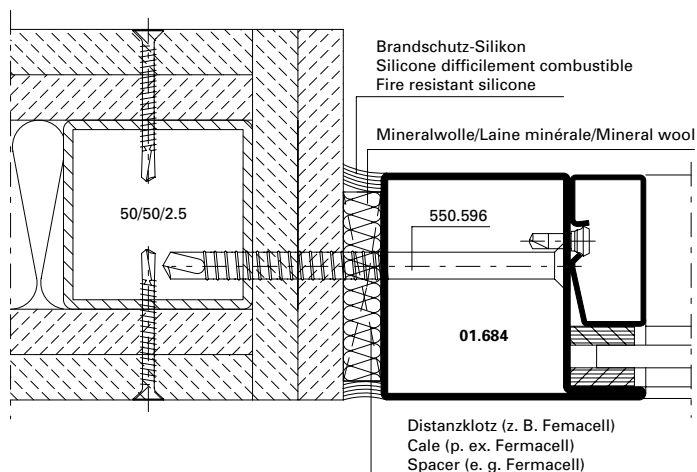
41-0302-A-014



DXF

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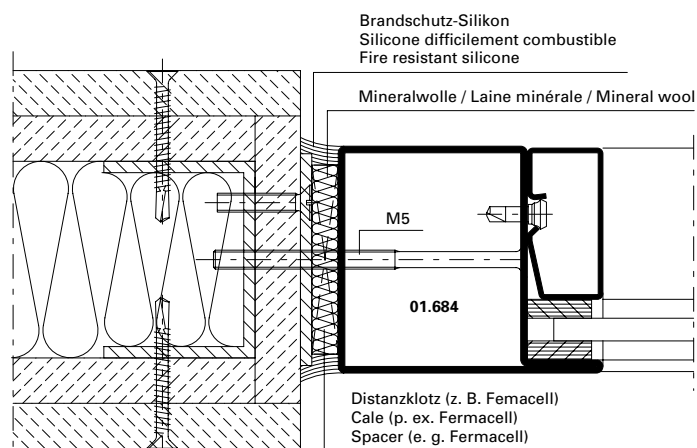
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DWG

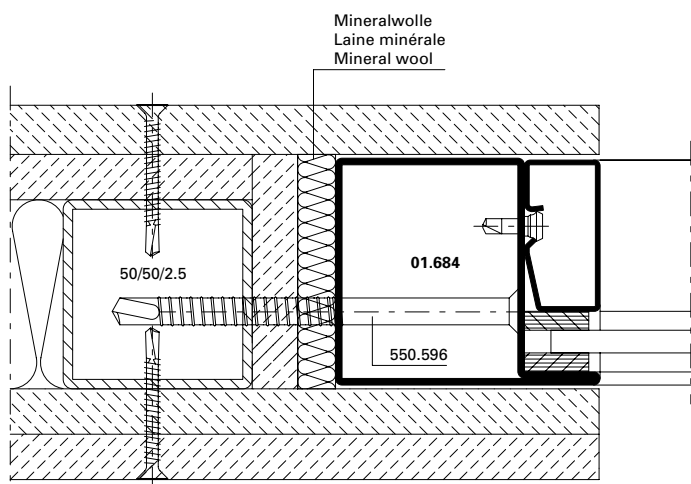
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DXF

DWG

41-0302-A-016



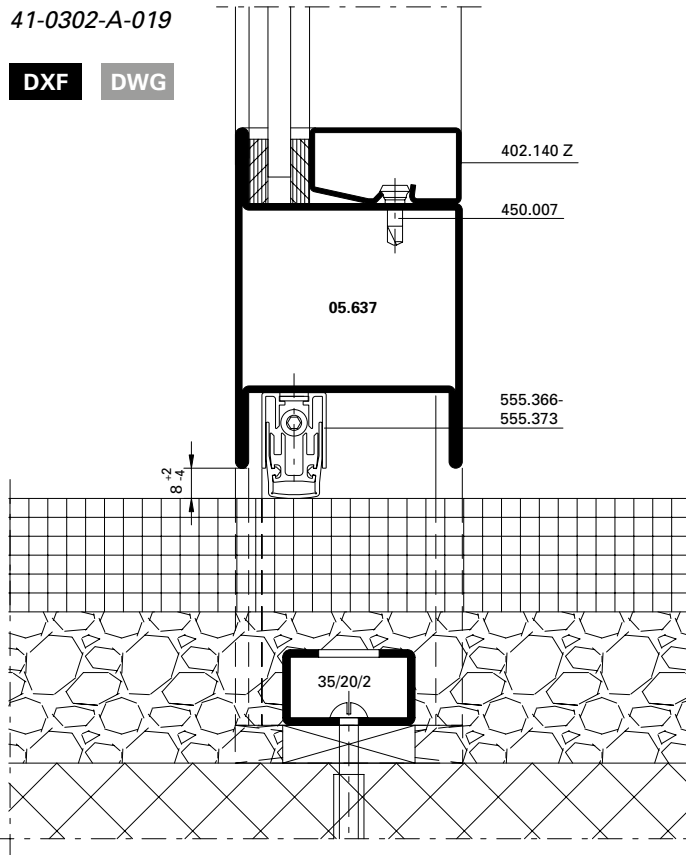
DXF

DWG

41-0302-A-017

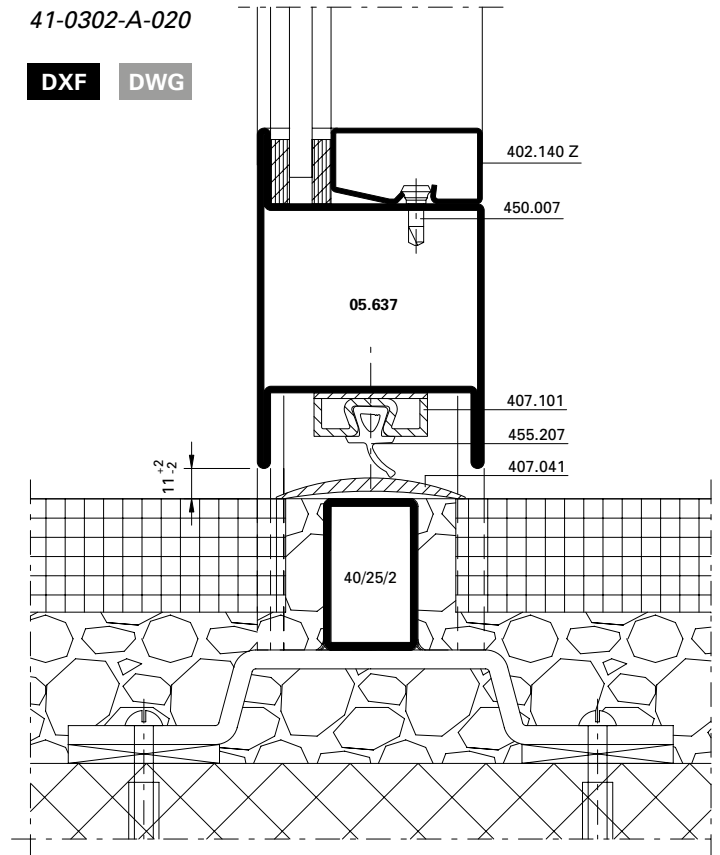
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DWG



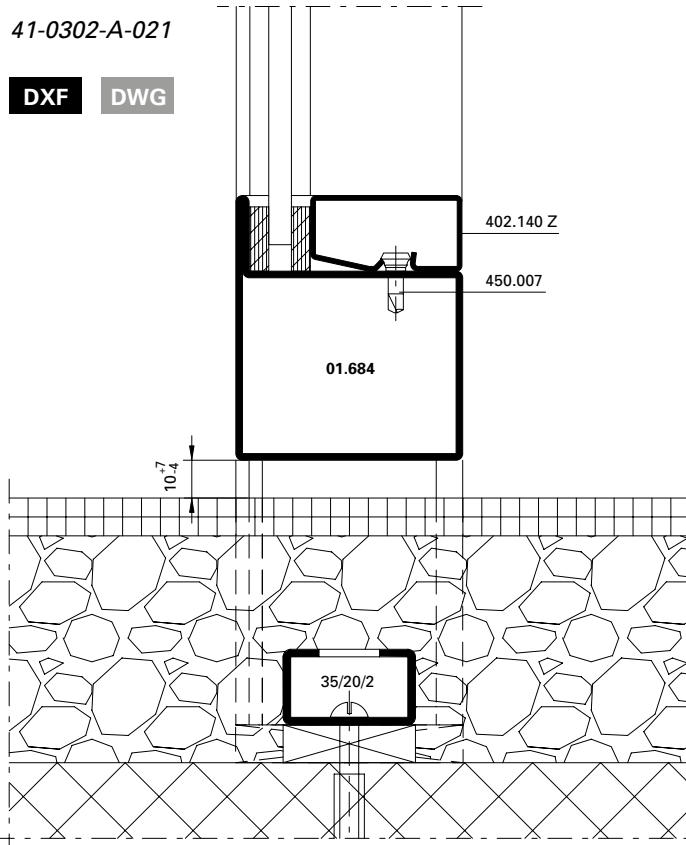
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DWG

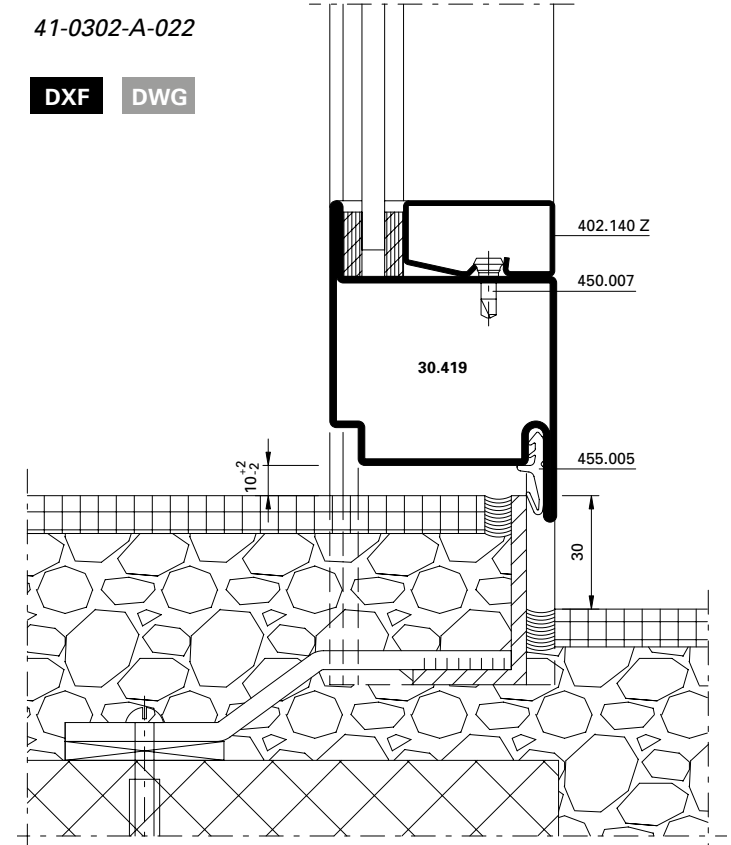


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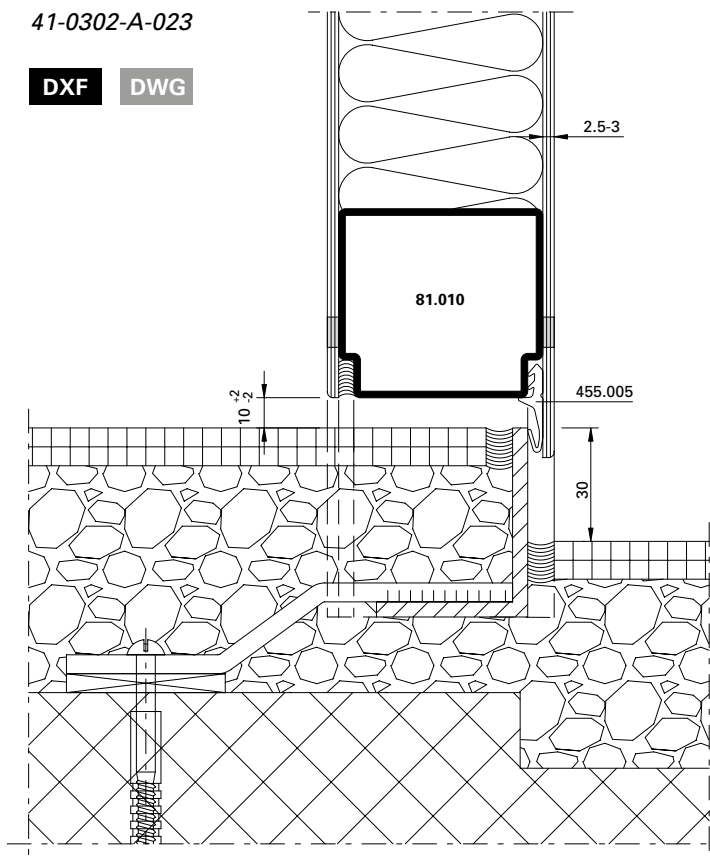


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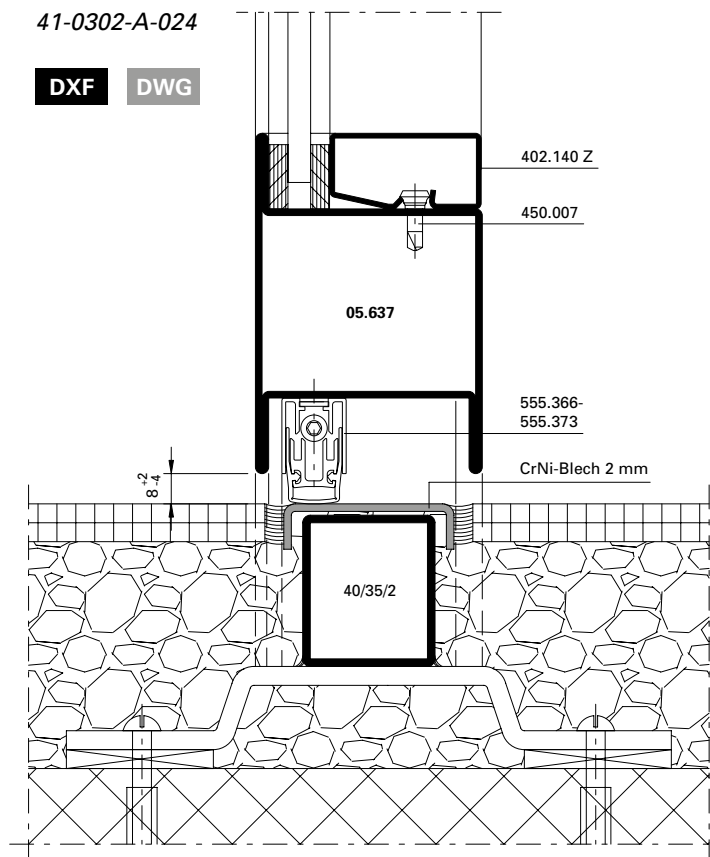
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DXF DWG



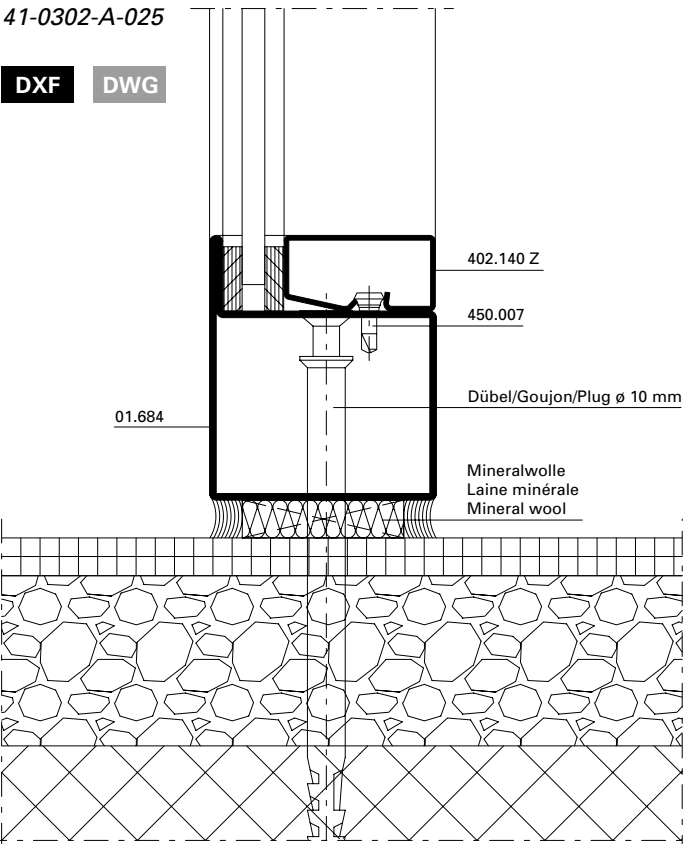
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DXF DWG



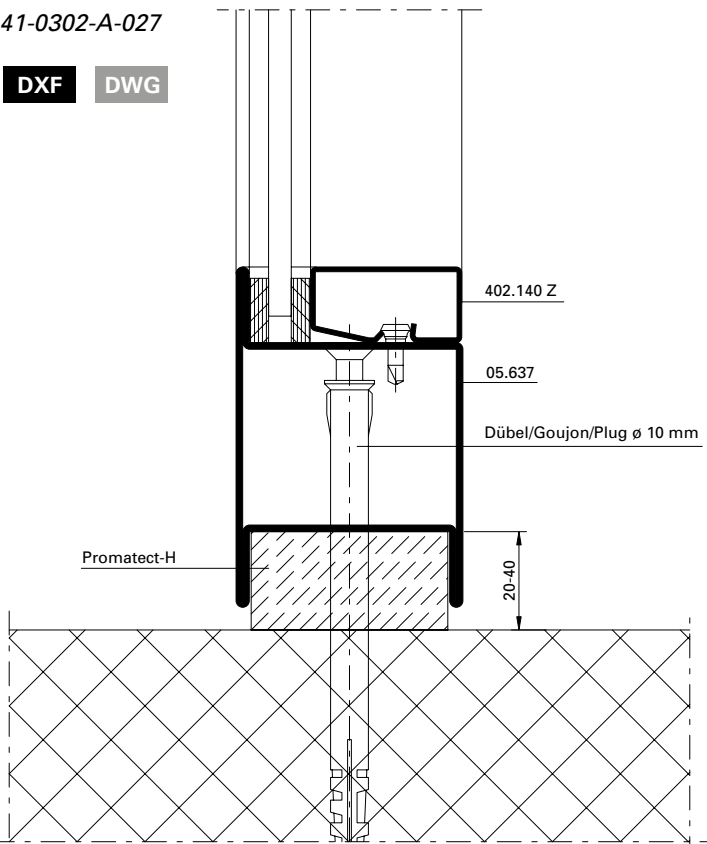
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DXF DWG



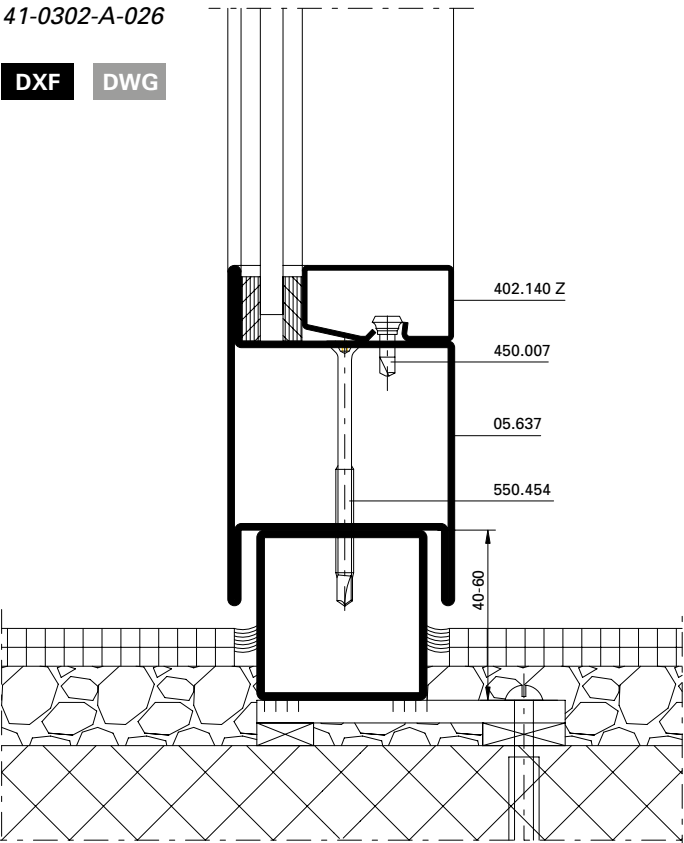
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DXF DWG



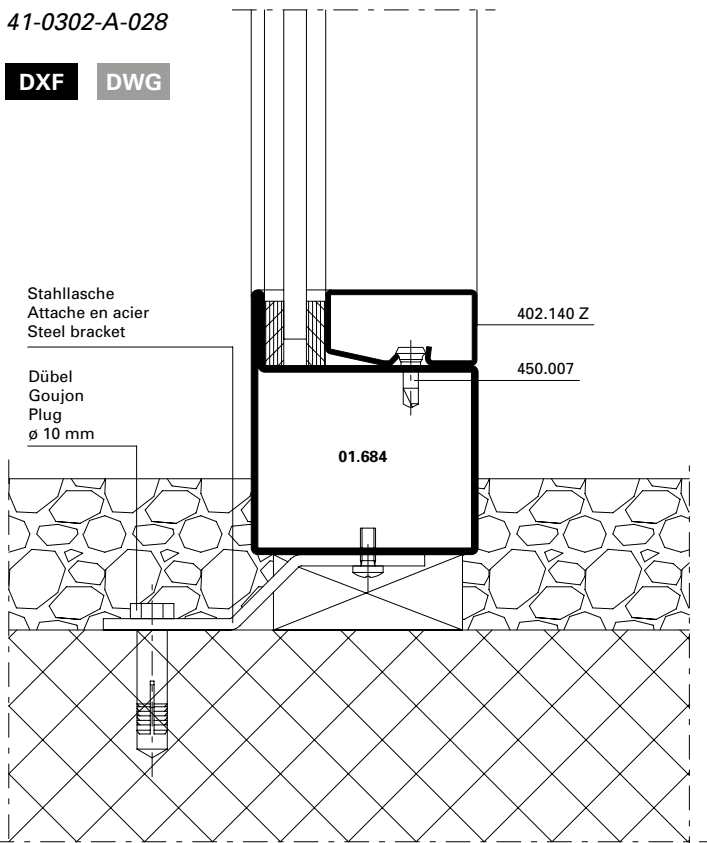
41-0302-A-026

DXF DWG



41-0302-A-028

DXF DWG



U_f-Werte
(nach EN ISO 10077-2:2018-01)

Auf den folgenden Seiten finden Sie die U_f-Werte für die verschiedenen Anwendungen von Jansen-Economy 60 E30.

Sie basieren auf folgenden Grundlagen:

Stahl

- Profile bandverzinkter Stahl, unbeschichtet
- Stahl-Glasleisten
- Trockenverglasung
- Nassverglasung

Valeurs U_f
(selon EN ISO 10077-2:2018-01)

Vous trouverez les valeurs U_f pour les différentes applications Jansen-Economy 60 E30 dans les pages qui suivent.

Elles se basent sur les principes suivants:

Acier

- Profilés en bande d'acier zingué, sans revêtement
- Parcloles en acier
- Vitrage à sec
- Vitrage à mastic

U_f values
(according to
EN ISO 10077-2:2018-01)

On the following pages you will find the U_f values for the various applications for Jansen-Economy 60 E30.

They are based on the following:

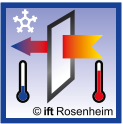
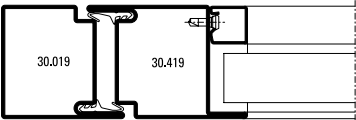
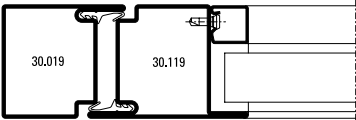
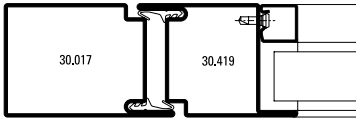
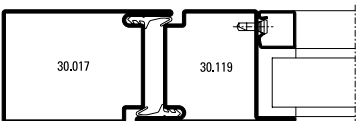
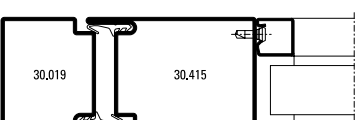
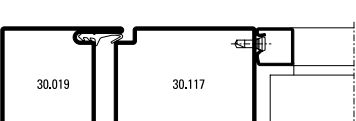
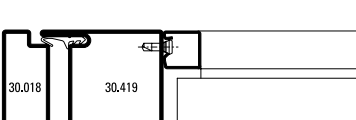
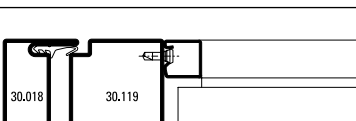
Steel

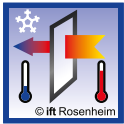
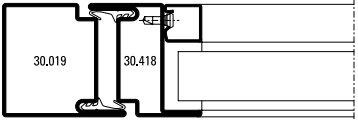
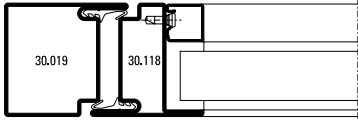
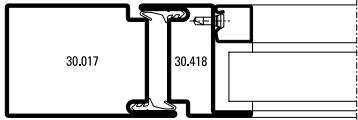
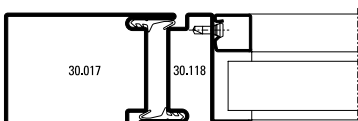
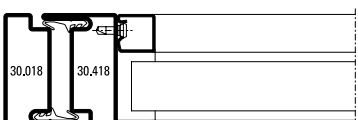
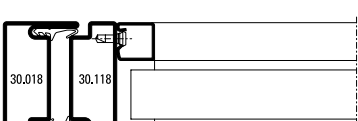
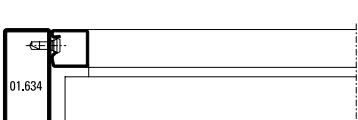
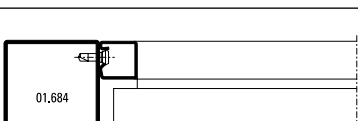
- Strip galvanised steel profiles, uncoated
- Steel glazing beads
- Glazing with dry glazing
- Glazing with sealing

U_f-Werte
(nach EN ISO 10077-2:2018-01)

Valeurs U_f
(selon EN ISO 10077-2:2018-01)

U_f values
(according to EN ISO 10077-2:2018-01)

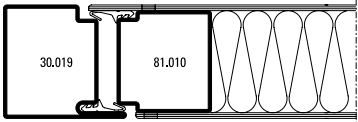
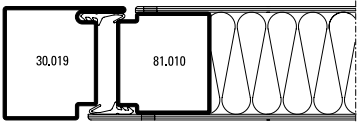
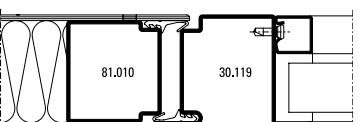
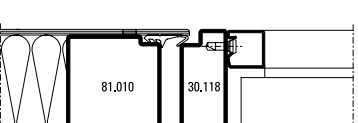
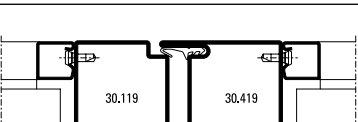
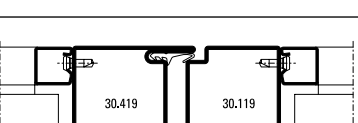
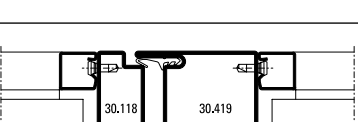
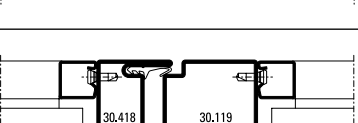
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	5,5 W/m²K
	5,6 W/m²K
	5,3 W/m²K
	5,3 W/m²K
	5,3 W/m²K
	5,3 W/m²K
	5,6 W/m²K
	5,7 W/m²K

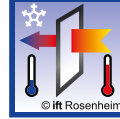
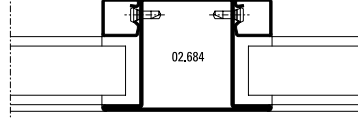
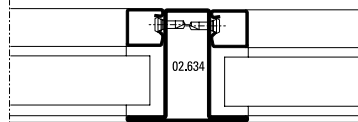
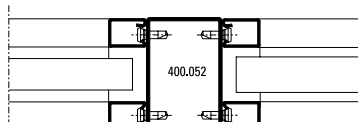
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	5,7 W/m²K
	5,8 W/m²K
	5,5 W/m²K
	5,5 W/m²K
	6,0 W/m²K
	6,1 W/m²K
	6,9 W/m²K
	6,1 W/m²K

U_f-Werte
(nach EN ISO 10077-2:2018-01)

Valeurs U_f
(selon EN ISO 10077-2:2018-01)

U_f values
(according to EN ISO 10077-2:2018-01)

	Füllelementstärken Elements de remplissages Infill elements > 24 mm
	5,3 W/m²K
	5,3 W/m²K
	5,7 W/m²K
	6,0 W/m²K
	5,8 W/m²K
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	6,1 W/m²K
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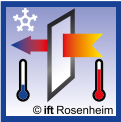
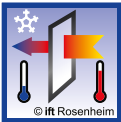
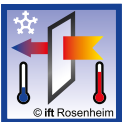
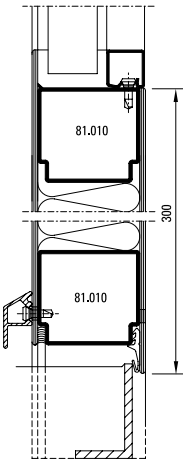
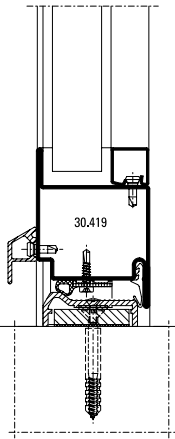
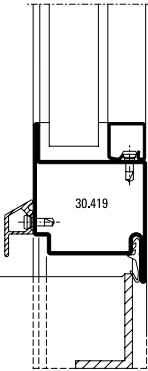
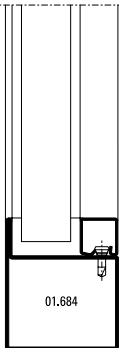
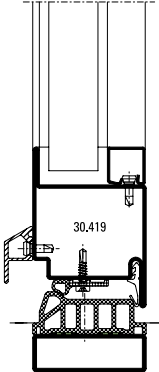
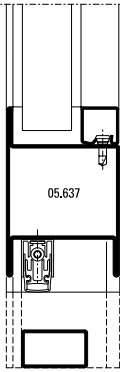
	Füllelementstärken Elements de remplissages Infill elements > 24 mm
	6,3 W/m²K
	7,2 W/m²K
	6,4 W/m²K*

- * Nassverglasung
- * Vitrage à mastic
- * Glazing with sealing

U_f-Werte
(nach EN ISO 10077-2:2018-01)

Valeurs U_f
(selon EN ISO 10077-2:2018-01)

U_f values
(according to EN ISO 10077-2:2018-01)

 Füllelementstärken Elements de remplissages Infill elements > 24 mm		 Füllelementstärken Elements de remplissages Infill elements > 24 mm		 Füllelementstärken Elements de remplissages Infill elements > 24 mm	
 4,4 W/m²K		 6,1 W/m²K		 6,8 W/m²K	
 6,1 W/m²K		 5,6 W/m²K		 5,6 W/m²K	