STEMESEDER

PROFILÜBERSICHT
SYSTEMSCHNITTE

2015-02 / V1

SYSTEM GS-PREMIUM

G.S. Holzfenster-
Schutzsysteme
aus Aluminium

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Alle dargestellten Schnitte sind Beispiele. Vor der Verarbeitung der „AltoNova“ Profile ist die Konstruktion vom jeweiligen Verarbeiter auf Eignung zu prüfen. Für Druckfehler und sonstige Irrtümer wird keine Haftung übernommen.

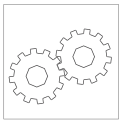
Für das System GS Premium der Serien 200, 300, 400, 500 und 600 gelten die Verarbeitungsrichtlinien der Fa. G.S. Georg Stemeseder GmbH, nachzuschlagen im Handbuch Holzfenster- Schutzsysteme aus Aluminium Stand 09/11 in den Sprachen Deutsch, Englisch, Französisch, Italienisch, Niederländisch und Ungarisch von Seite 158 bis 217.

Symbolerklärung
Symbol explanation

G.S. Holzfenster-
Schutzsysteme
aus Aluminium

Erläuterung Piktogramme

explanation pictograms

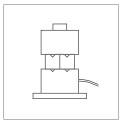


Profile sind kombinierbar

Profiles are connectible

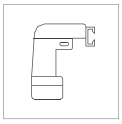
schweißbar

weldable



mit Pneumatik- Sickpresse verarbeitbar

processible with pneumatic crimping press



mit Akku-Sickpresse verarbeitbar

processible with battery-powered crimping press

mit Hand-Sickzange verarbeitbar

processible with manual crimping press

manuell verschraubbar

screwed manually

verschrauben

screwing

verkleben

glue

verkleben und verschrauben

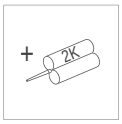
gluing and screwing

ausklinken

release

manuell einbringen

position manually

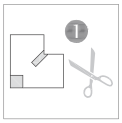


verkleben

glue 2K

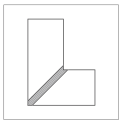
abdichten

seal



Dichtung ausklinken und einschneiden

release and cut the gasket

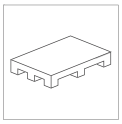


winkelteilende Eckverbindung

angle dividing corner connection

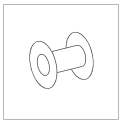
Verpackungseinheit / Stück

Packing unit / piece



Großverpackungseinheit / Stück / Laufmeter

Large packing unit / piece / metre



Verpackungseinheit / Laufmeter

Packing unit / metre

metal

Metallbauteil

Metal component

plastic

Kunststoffbauteil

Plastic component

EPDM

Ethylen-Propylen-Dien-Monomer

Ethylene propylene diene monomer

TPE

Thermoplastisches Elastomer

Thermoplasic elastomer

Farbe ähnlich RAL ...

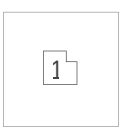
Colour similar to RAL ...

Achtung prüfen

Attention, please check ...

formschlüssig kombinierbar

fits by interlock

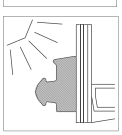


Eckwinkel für Rahmen

crimp cleat

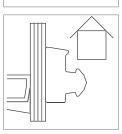
für Nassverglasung aussen

for external wet glazing



für Trockenverglasung aussen

for external dry glazing



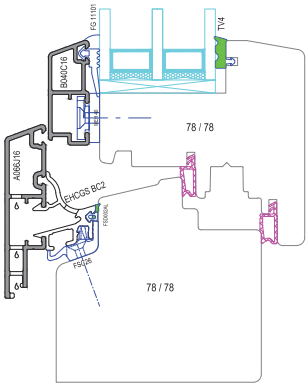
für Trockenverglasung innen

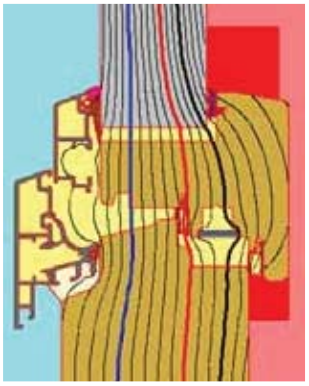
for internal dry glazing

U-Wert Tabelle
U-value matrix

GS Premium Serie 200

U- Wert Abhängigkeit:
- Verglasung (Ug-Werte),
- Holzart (Weichholz / Hartholz)
- Glas- Abstandhalter



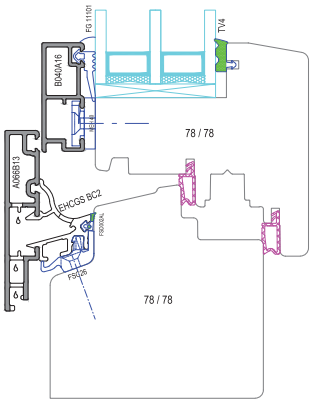


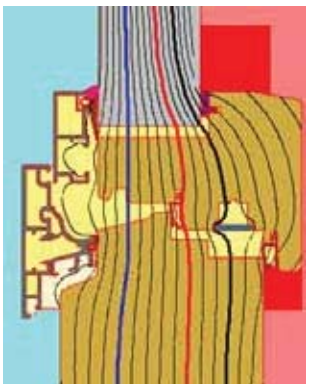
		Weichholz Uw (Uf) λ = 0,11				Hartholz Uw (Uf) λ = 0,13			
GSP 200	Glas	78 mm		88 mm		78 mm		88 mm	
	Ug [W/m²K]	seitlich	unten	seitlich	unten	seitlich	unten	seitlich	unten
	0,7 (36mm)	0,956 (1,122)	0,956 (1,216)	0,931 (1,052)	0,931 (1,134)	1,101 (1,530)	1,101 (1,649)	1,072 (1,450)	1,072 (1,555)
	0,6 (44mm)	0,882 (1,097)	0,882 (1,190)	0,856 (1,025)	0,856 (1,106)	1,024 (1,496)	1,024 (1,612)	0,994 (1,413)	0,994 (1,515)
	0,5 (44mm)	0,817 (1,097)	0,817 (1,190)	0,791 (1,025)	0,791 (1,106)	0,959 (1,496)	0,959 (1,612)	0,929 (1,413)	0,929 (1,515)

Uw - Wert Berechnung nach DIN EN ISO 10077-1 mit Thermix Glasabstandhalter

GS Premium, Serie 300

U- Wert Abhängigkeit:
- Verglasung (Ug-Werte),
- Holzart (Weichholz / Hartholz)
- Glas- Abstandhalter



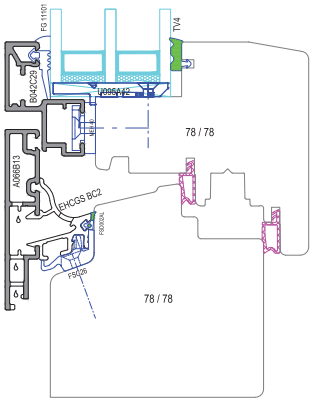


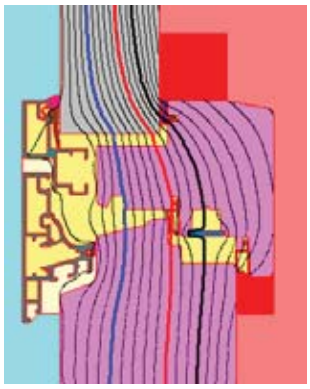
		Weichholz Uw (Uf) λ = 0,11				Hartholz Uw (Uf) λ = 0,13			
GSP 300	Glas	78 mm		88 mm		78 mm		88 mm	
	Ug [W/m²K]	seitlich	unten	seitlich	unten	seitlich	unten	seitlich	unten
	0,7 (36mm)	0,960 (1,140)	0,960 1,206)	0,930 1,051)	0,3930 (1,128)	1,099 (1,527)	1,099 (1,630)	1,070 (1,449)	1,070 (1,538)
	0,6 (44mm)	0,881 (1,094)	0,881 (1,180)	0,885 (1,023)	0,885 (1,097)	1,021 (1,492)	1,021 (1,593)	0,991 (1,409)	0,991 (1,498)
	0,5 (44mm)	0,816 (1,094)	0,816 (1,180)	0,790 (1,023)	0,790 (1,097)	0,956 (1,492)	0,959 (1,593))	0,926 (1,409)	0,926 (1,498)

Uw - Wert Berechnung nach DIN EN ISO 10077-1 mit Thermix Glasabstandhalter

GS Premium Serie 400

U- Wert Abhängigkeit:
- Verglasung (Ug-Werte),
- Holzart (Weichholz / Hartholz)
- Glas- Abstandhalter



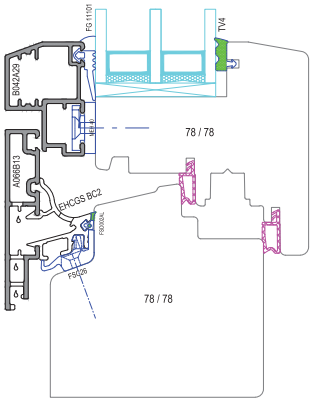


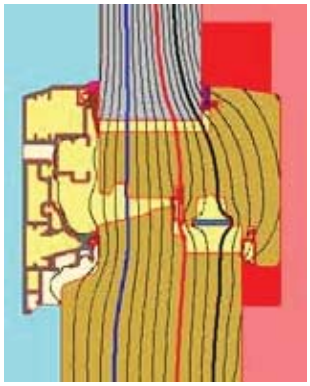
		Weichholz Uw (Uf) λ = 0,11				Hartholz Uw (Uf) λ = 0,13			
GSP 400	Glas	78 mm		88 mm		78 mm		88 mm	
	Ug [W/m²K]	seitlich	unten	seitlich	unten	seitlich	unten	seitlich	unten
	0,7 (36mm)	0,996 (1,238)	0,996 (1,325)	0,972 (1,169)	0,972 (1,250)	1,149 (1,671)	1,149 (1,777)	1,119 (1,583)	1,119 (1,692)
	0,6 (44mm)	0,914 (1,188)	0,914 (1,276)	0,890 (1,123)	0,890 (1,198)	1,062 (1,607)	1,062 1,714)	1,032 (1,524)	1,032 (1,625)
	0,5 (44mm)	0,849 (1,188)	0,849 (1,276)	0,825 (1,123)	0,825 (1,198)	0,997 (1,607)	0,997 (1,714)	0,967 (1,524)	0,967 (1,625)

Uw - Wert Berechnung nach DIN EN ISO 10077-1 mit Thermix Glasabstandhalter

GS Premium, Serie 500

U- Wert Abhängigkeit:
- Verglasung (Ug-Werte),
- Holzart (Weichholz / Hartholz)
- Glas- Abstandhalter



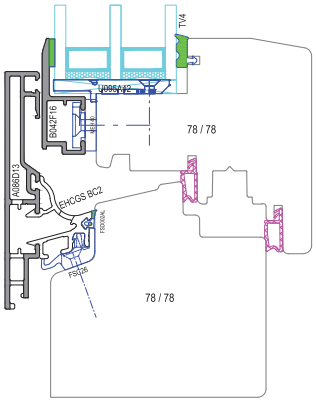


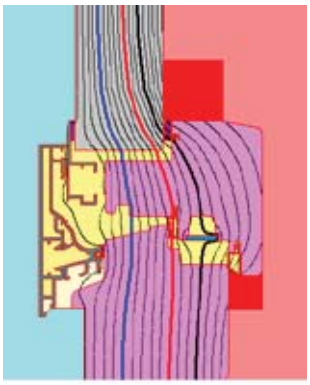
		Weichholz Uw (Uf) λ = 0,11				Hartholz Uw (Uf) λ = 0,13			
GSP 500	Glas	78 mm		88 mm		78 mm		88 mm	
	Ug [W/m²K]	seitlich	unten	seitlich	unten	seitlich	unten	seitlich	unten
	0,7 (36mm)	0,955 (1,121)	0,995 (1,210)	0,931 (1,052)	0,931 (1,134)	1,099 (1,528)	1,099 (1,638)	1,071 (1,449)	1,071 (1,546)
	0,6 (44mm)	0,882 (1,096)	0,882 (1,184)	0,857 (1,030)	0,857 (1,105)	1,023 (1,496)	1,023 (1,601)	0,992 (1,411)	0,992 (1,507)
	0,5 (44mm)	0,817 (1,096)	0,817 (1,184)	0,792 (1,030)	0,792 (1,105)	0,958 (1,496)	0,958 (1,601)	0,927 (1,411)	0,927 (1,507)

Uw - Wert Berechnung nach DIN EN ISO 10077-1 mit Thermix Glasabstandhalter

GS Premium Serie 600

U- Wert Abhängigkeit:
- Verglasung (Ug-Werte),
- Holzart (Weichholz / Hartholz)
- Glas- Abstandhalter

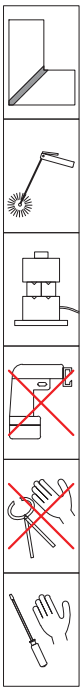


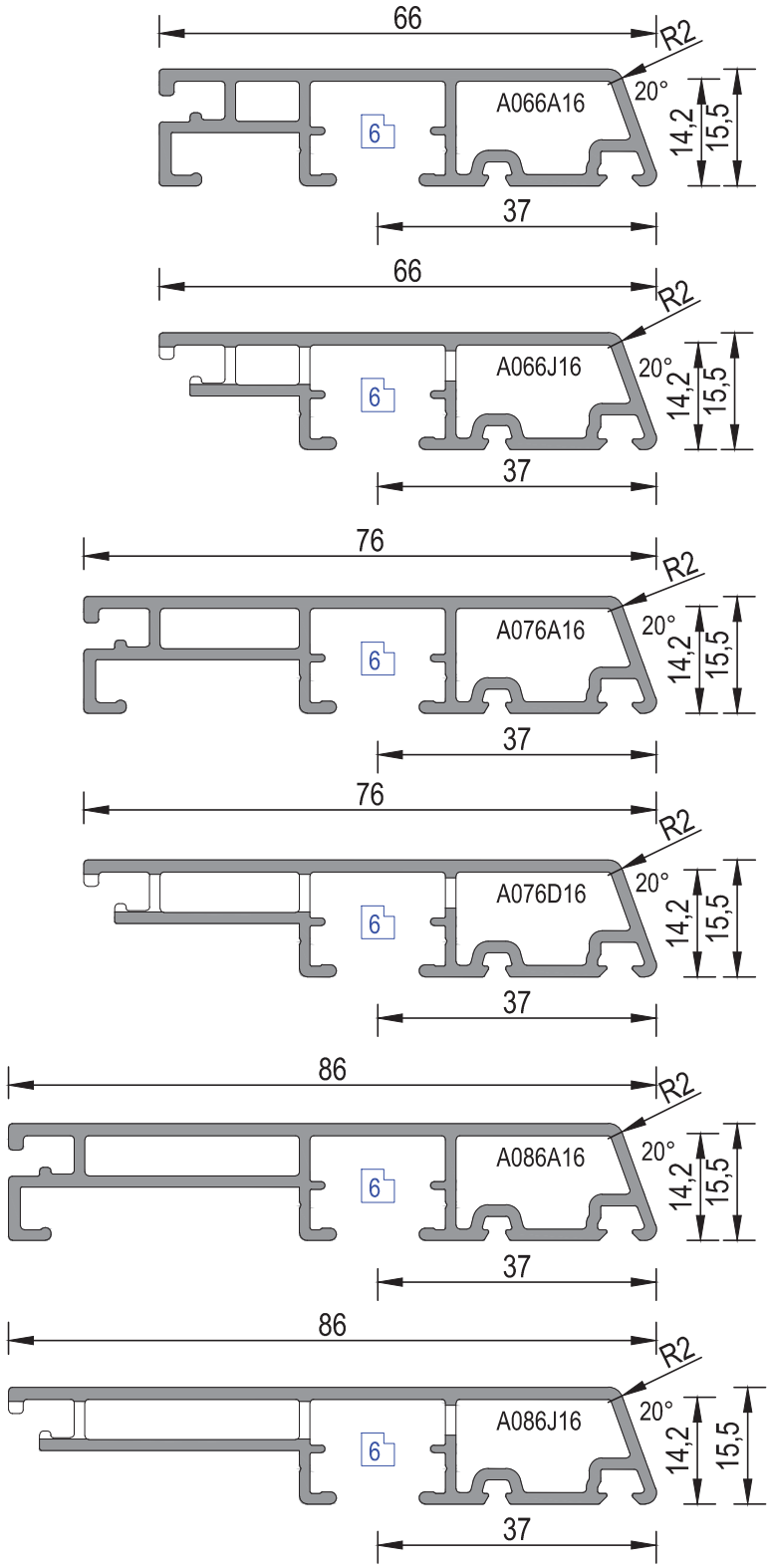


		Weichholz Uw (Uf) λ = 0,11				Hartholz Uw (Uf) λ = 0,13			
GSP 600	Glas	78 mm		88 mm		78 mm		88 mm	
	Ug [W/m²K]	seitlich	unten	seitlich	unten	seitlich	unten	seitlich	unten
	0,7 (36mm)	0,995 (1,233)	0,995 (1,333)	0,972 (1,167)	0,972 (1,167)	1,142 (1,639)	1,142 (1,796)	1,115 (1,566)	1,115 (1,705)
	0,6 (44mm)	0,915 (1,188)	0,915 (1,291)	0,891 (1,123)	0,891 (1,210)	1,057 (1,583)	1,057 (1,734)	1,029 (1,507)	1,029 (1,641)
	0,5 (44mm)	0,850 (1,188)	0,850 (1,291)	0,826 (1,123)	0,826 (1,210)	0,992 (1,507	0,992 (1,734)	0,964 (1,507)	0,964 (1,641)

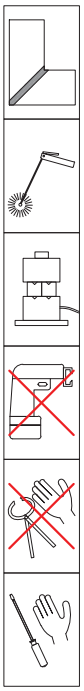
Uw - Wert Berechnung nach DIN EN ISO 10077-1 mit Thermix Glasabstandhalter

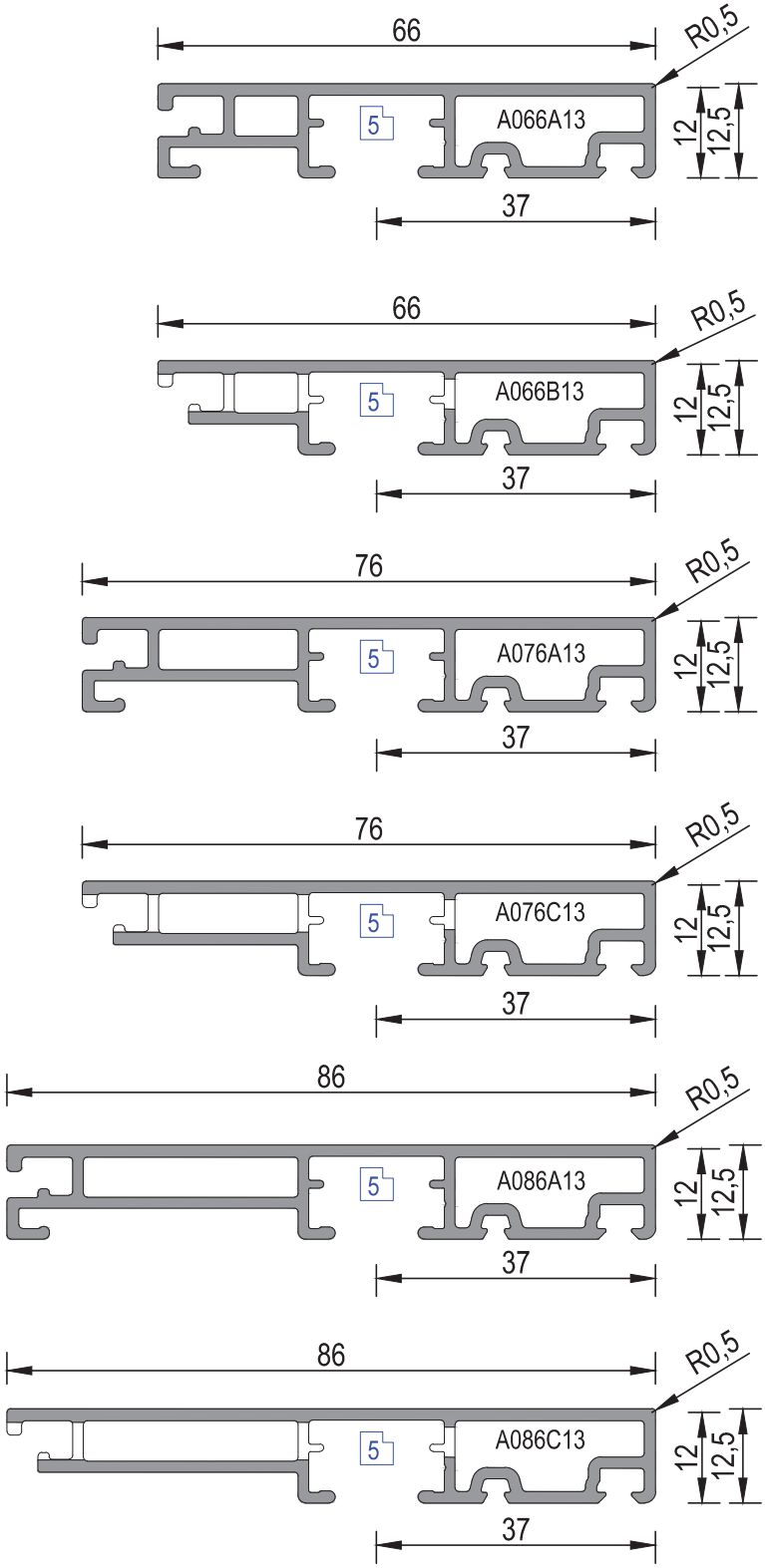
Profilübersicht
Profile matrix





GS-Premium-P/A001





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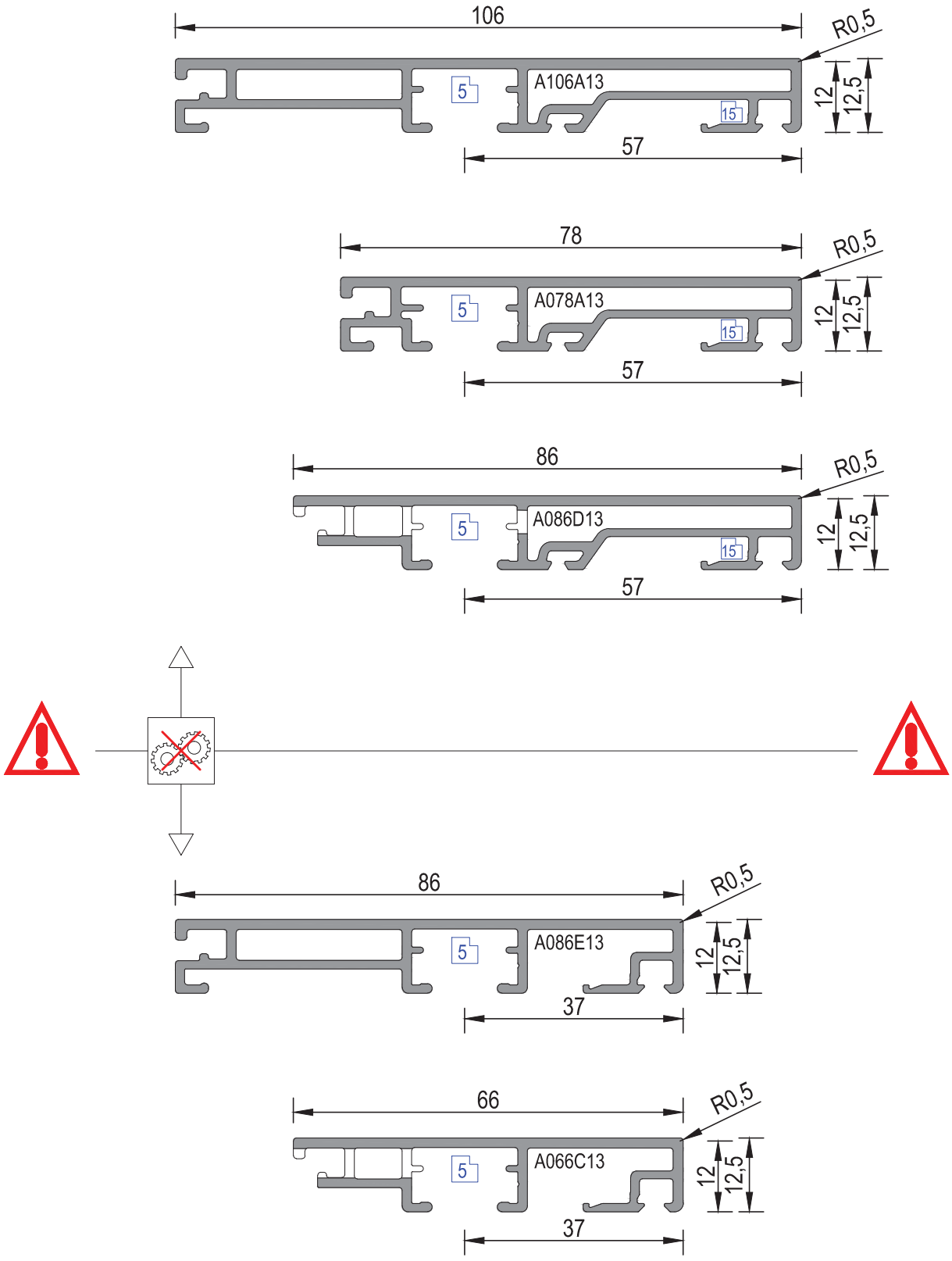
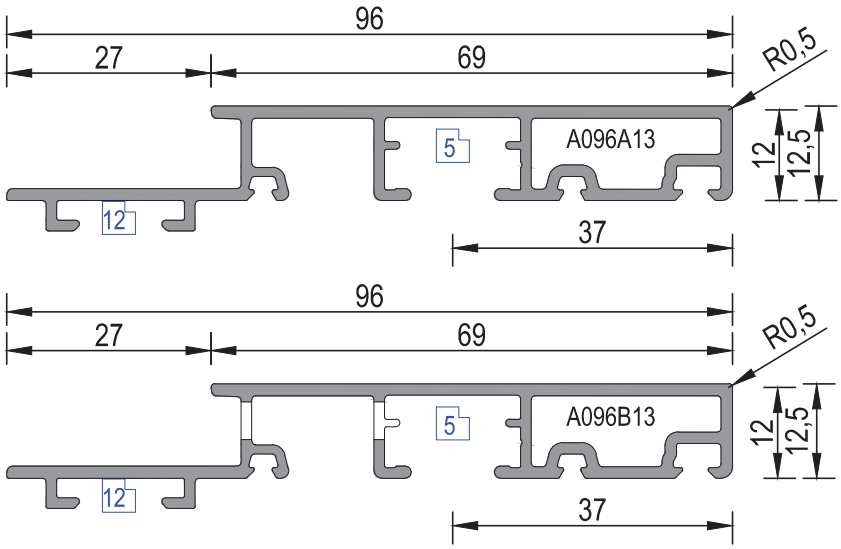


GS-Premium-P/A003


96
27
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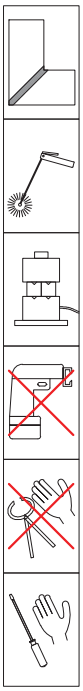
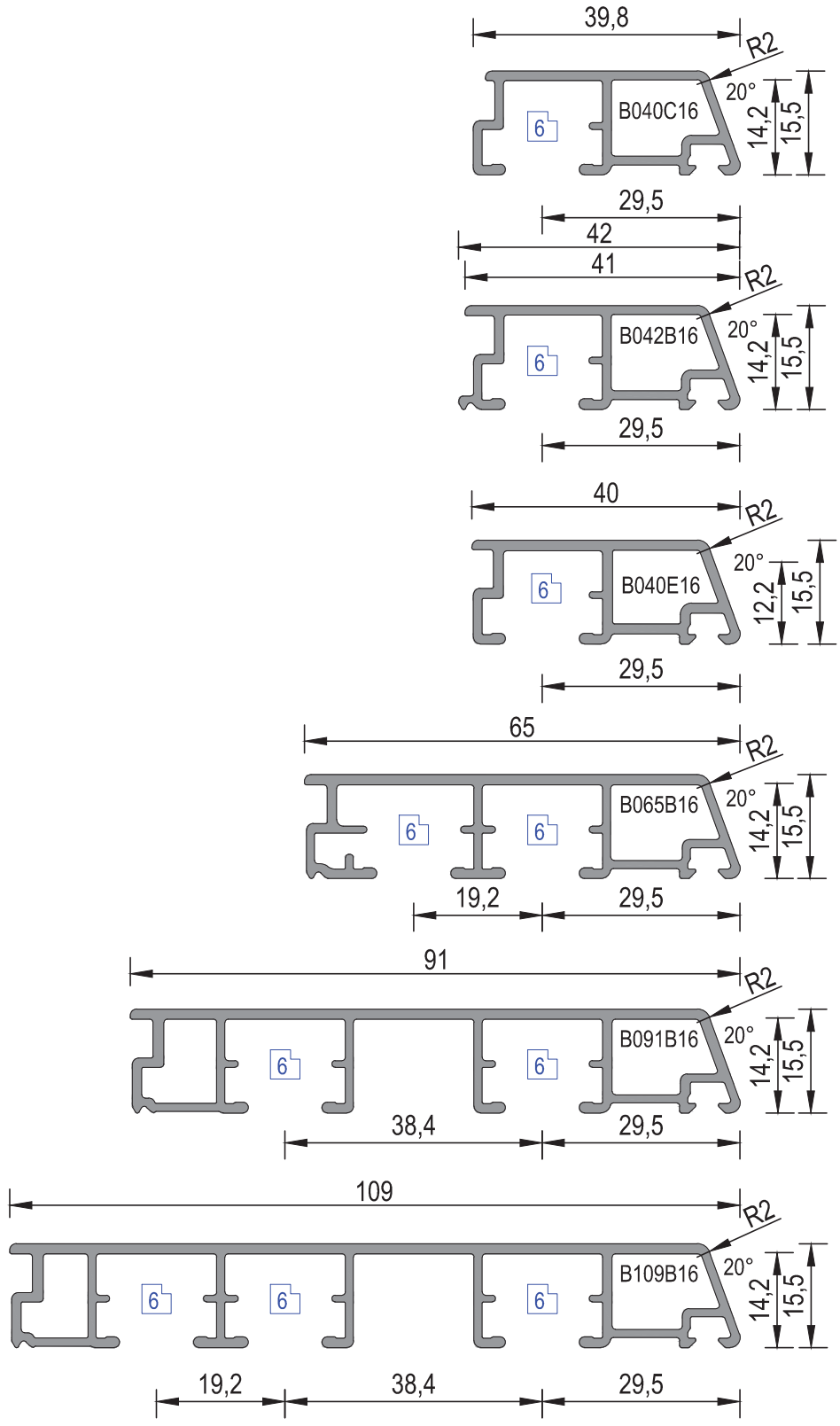
12,5
12
37





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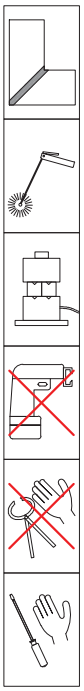

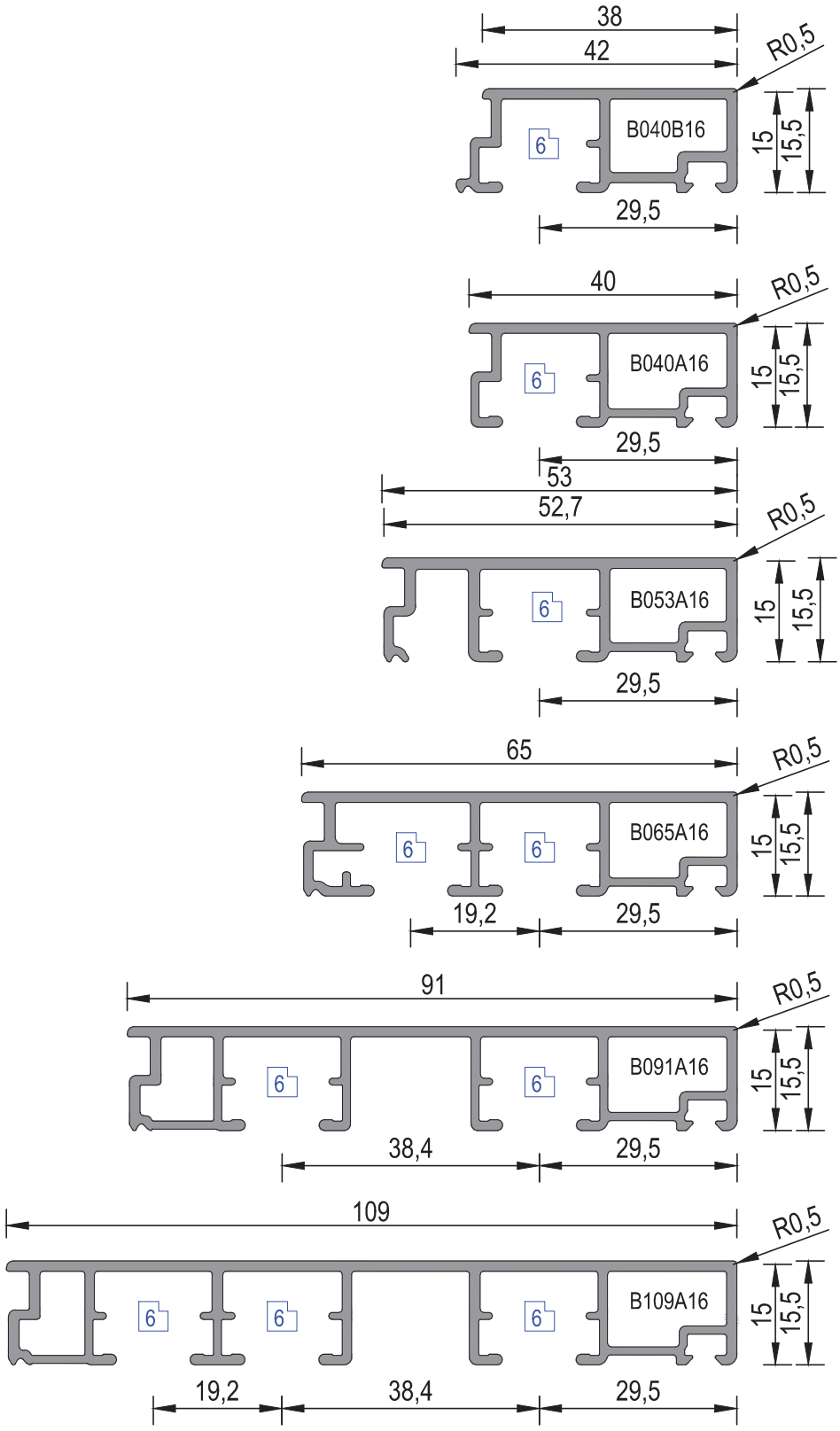

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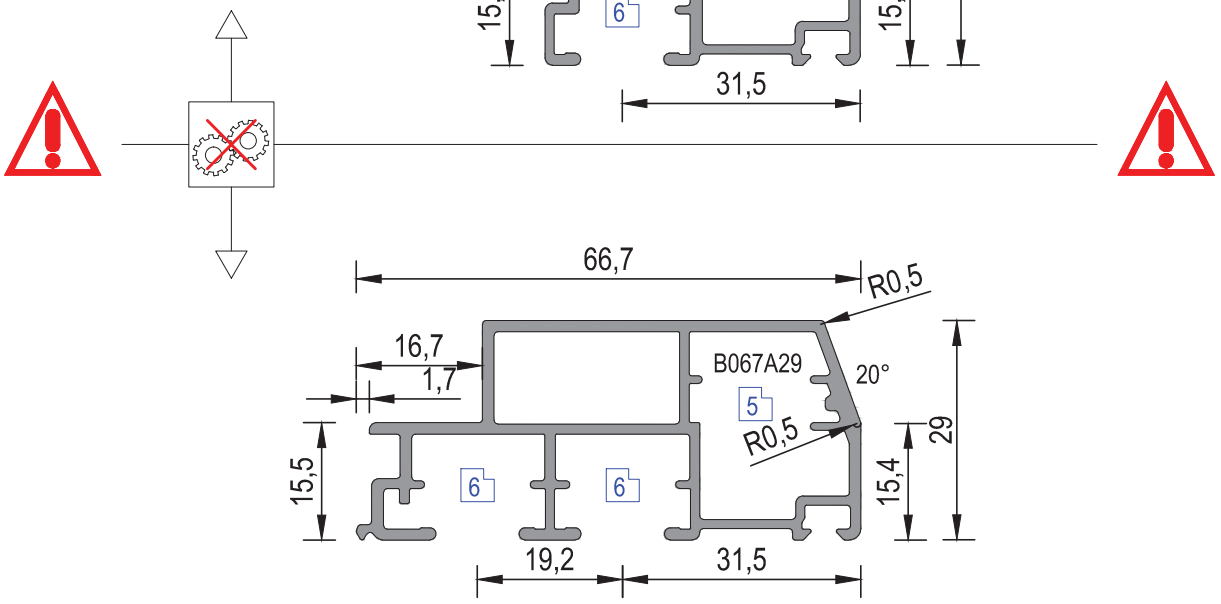

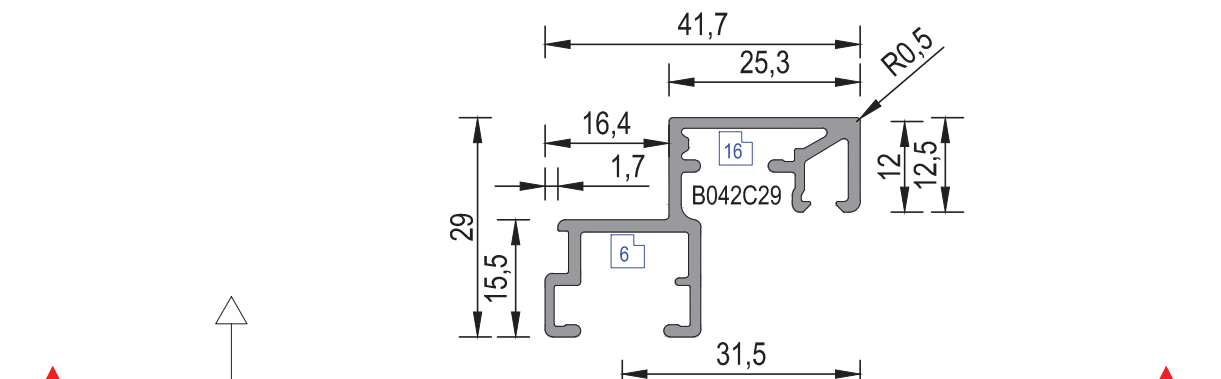

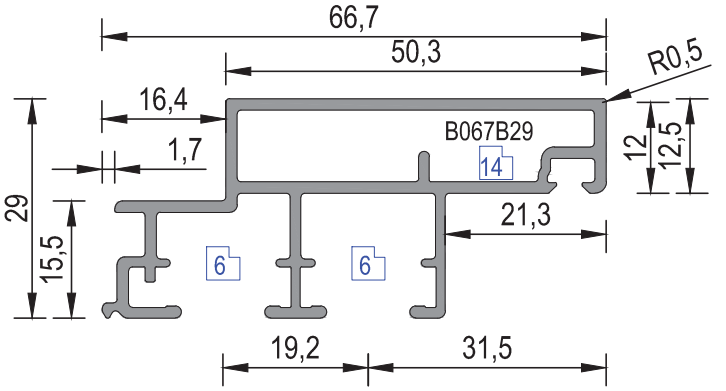

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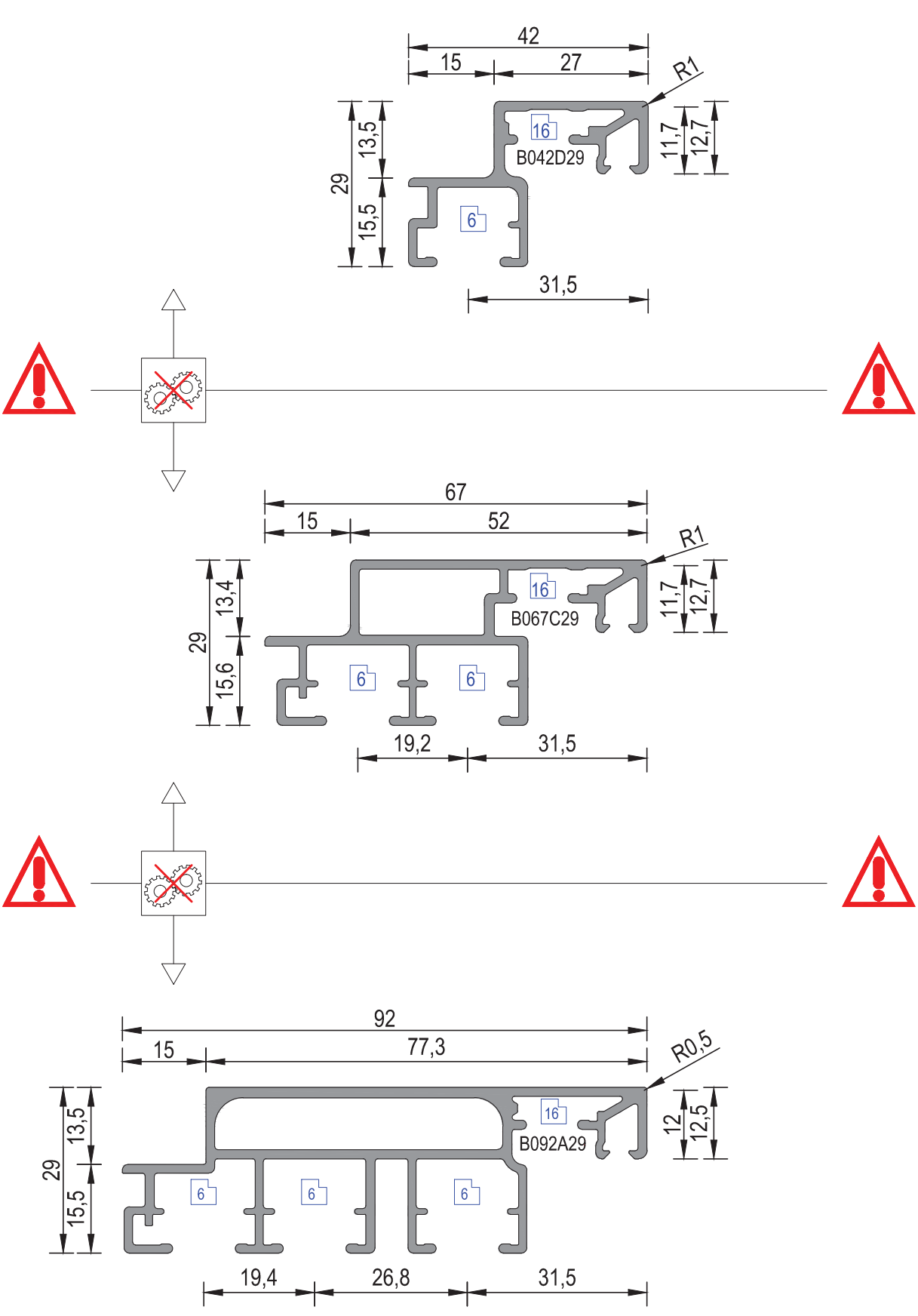

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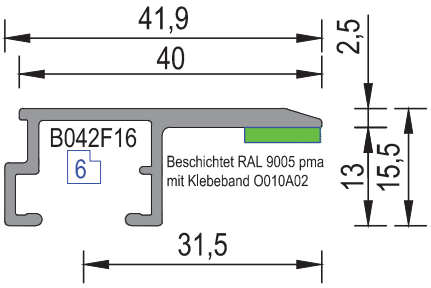

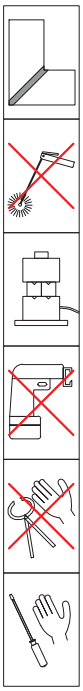

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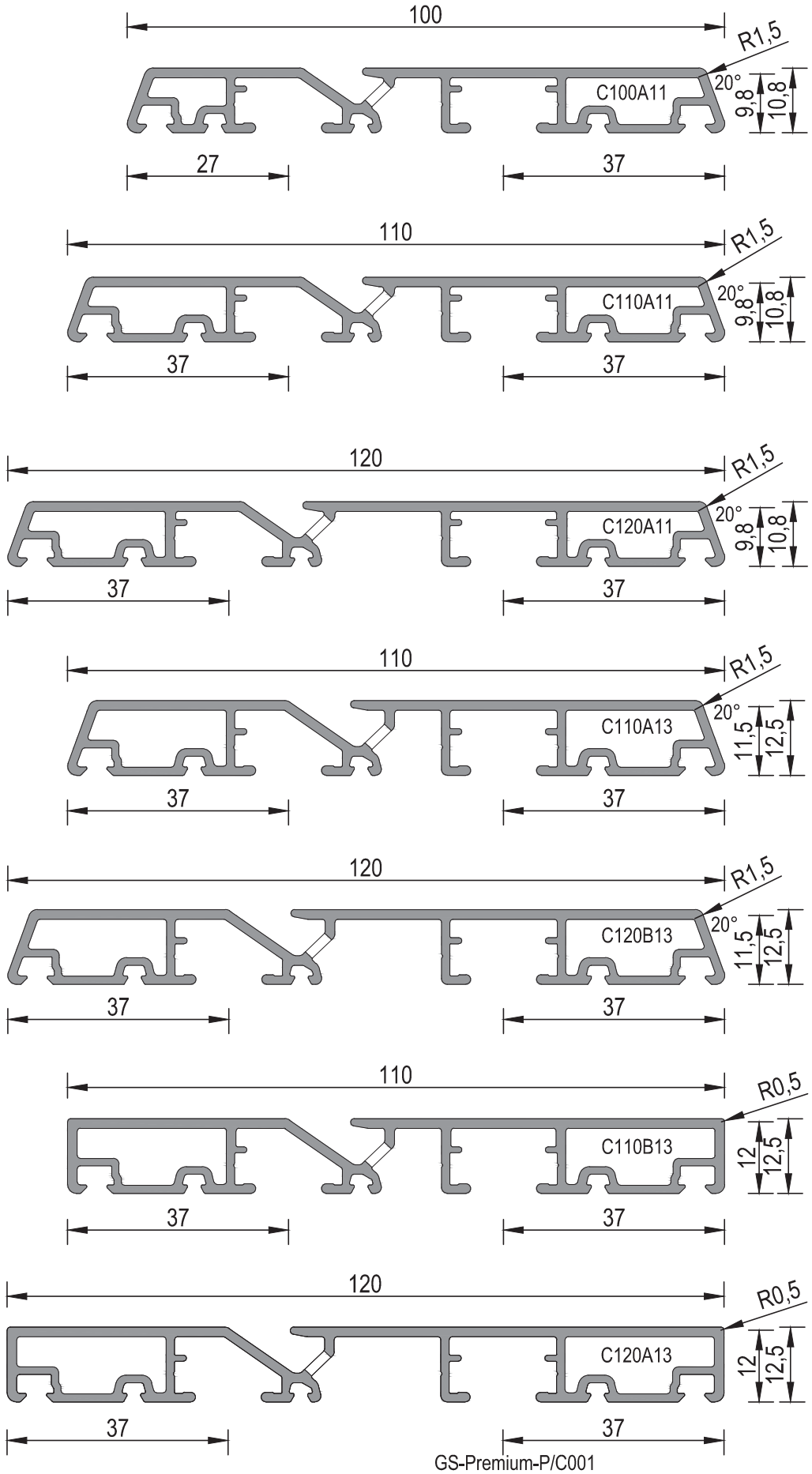
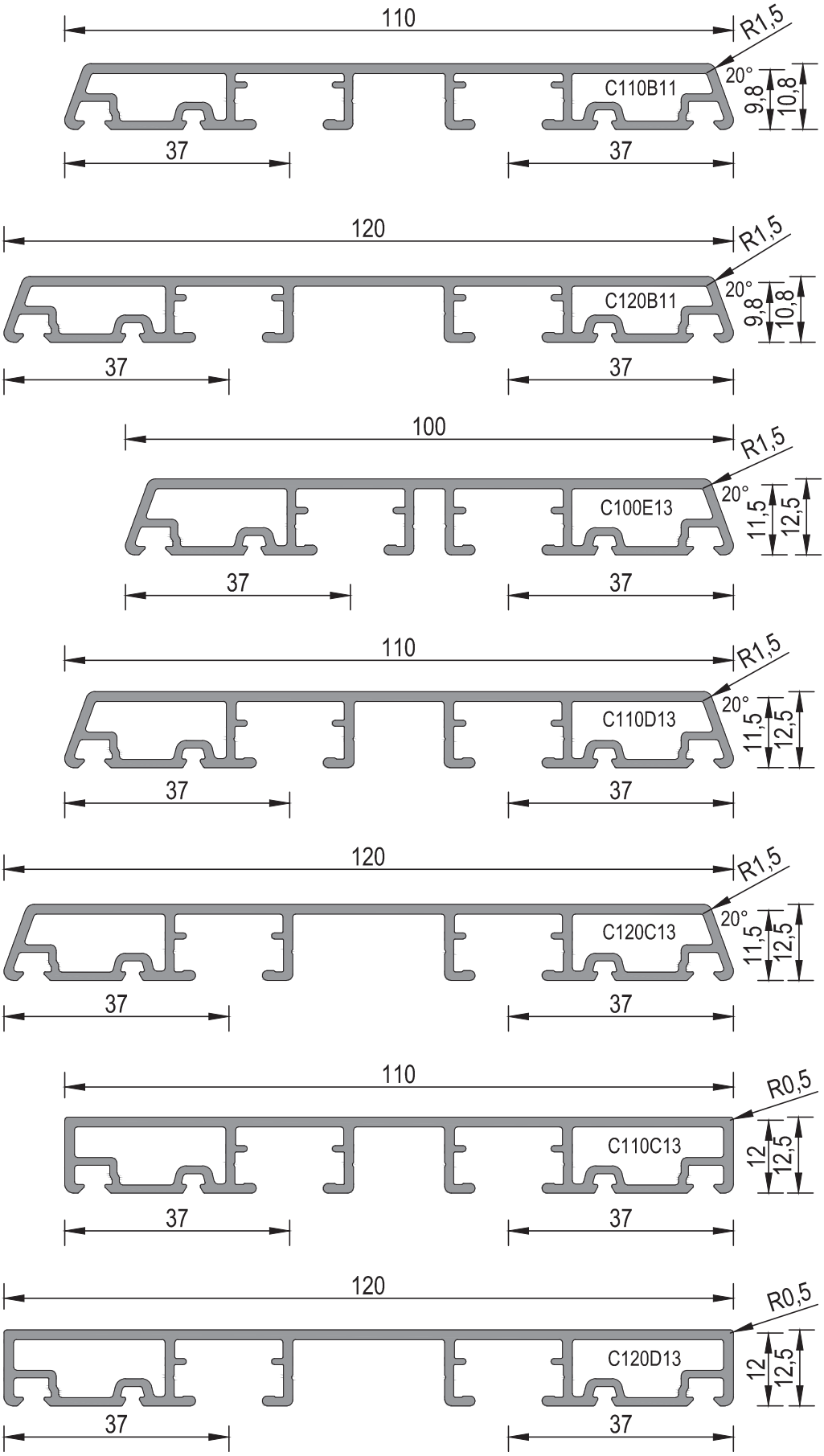


GS-Premium-P/C001

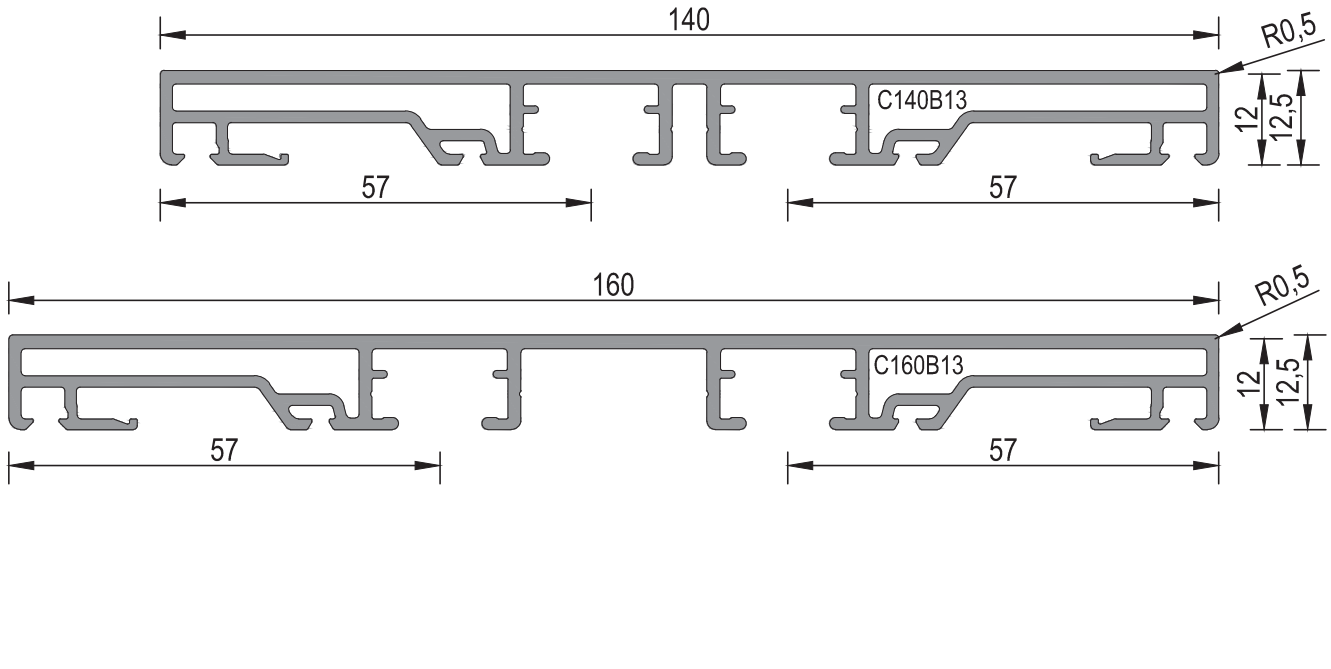


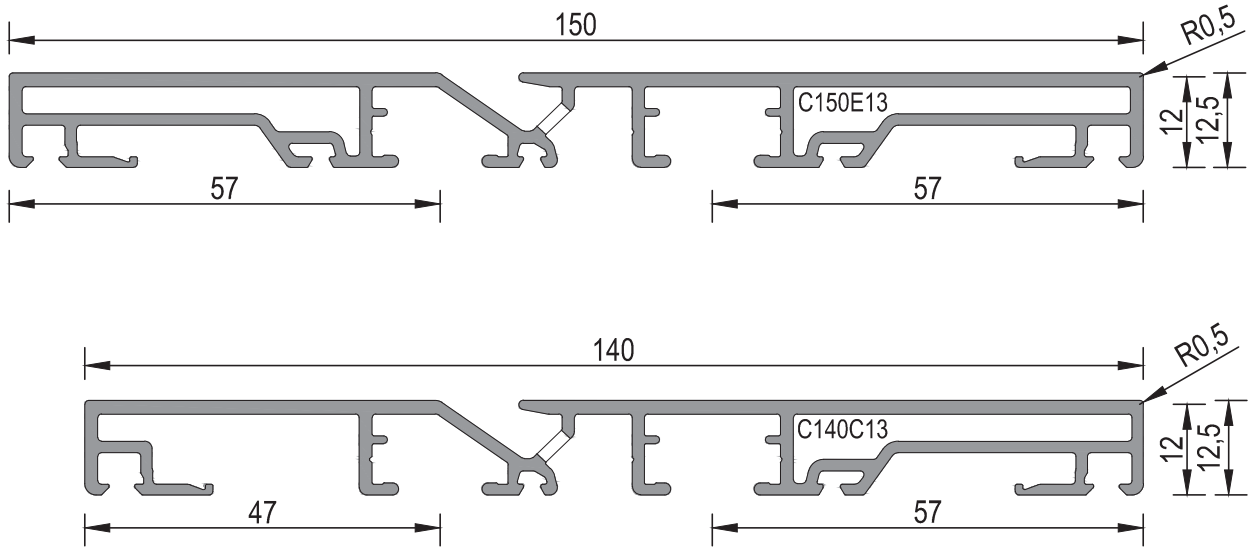
KVA 08

KVAL 08

V135

GS-Premium-P/C002





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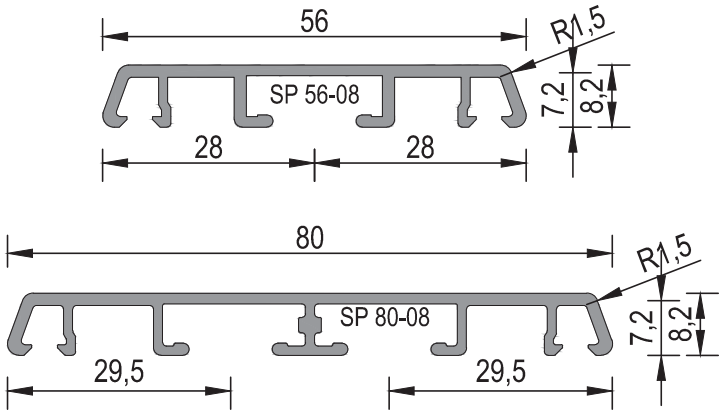

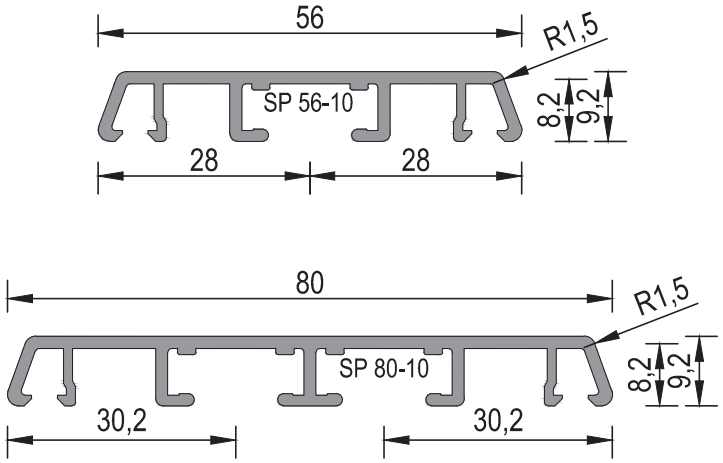

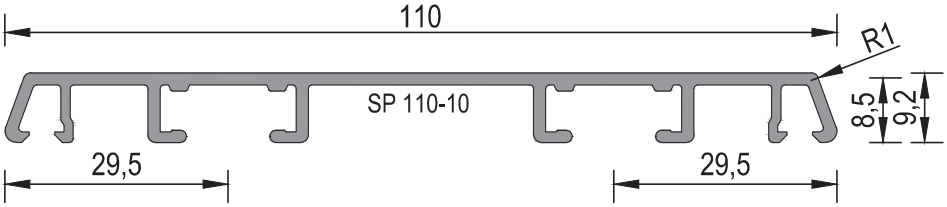

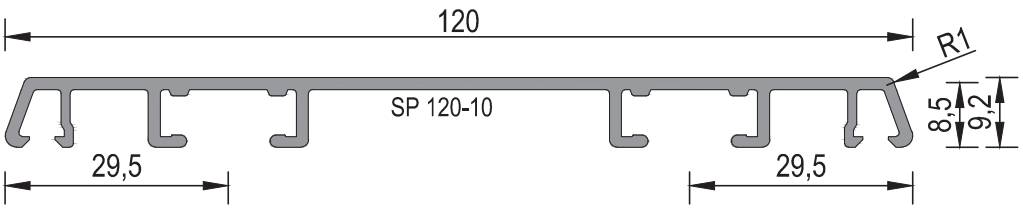

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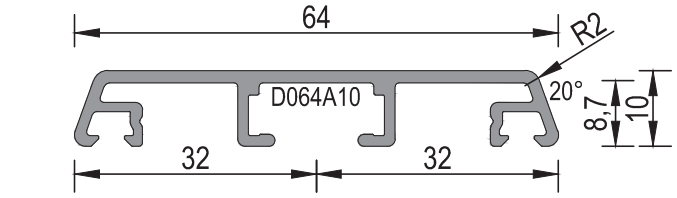

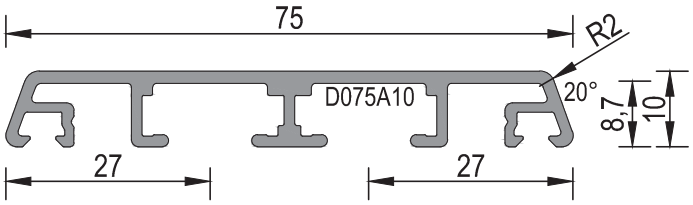

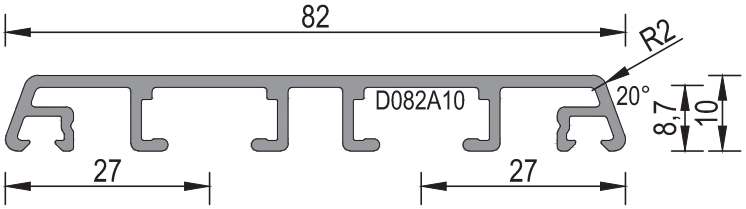

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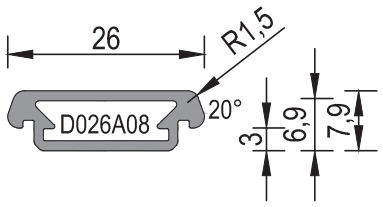

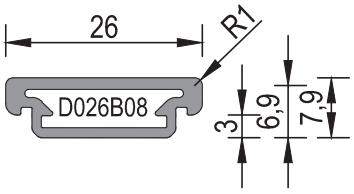

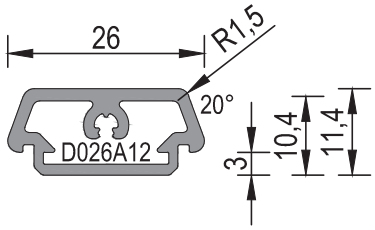

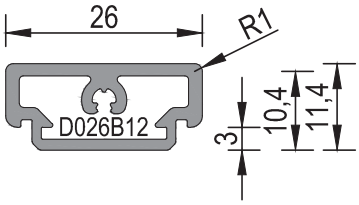

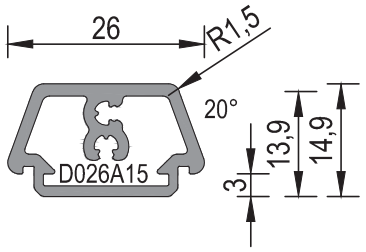

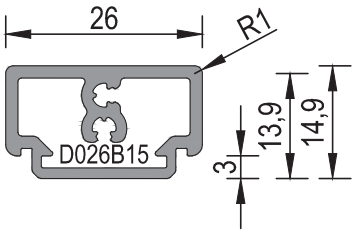

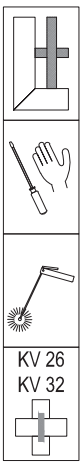

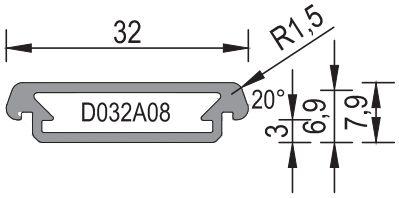

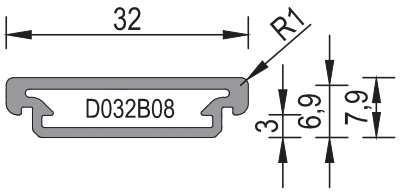

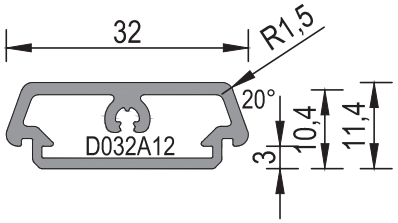

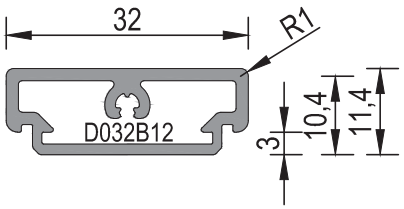

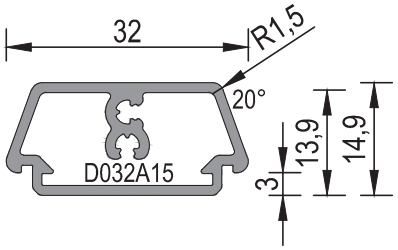

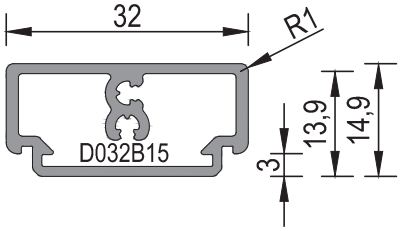

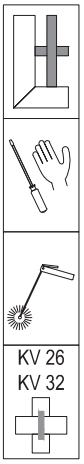

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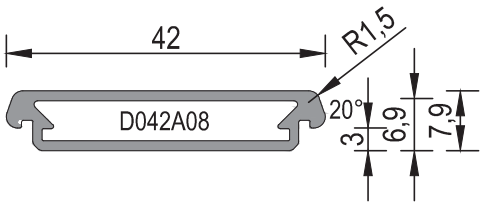

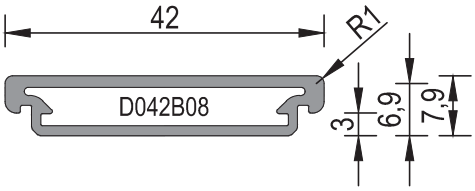

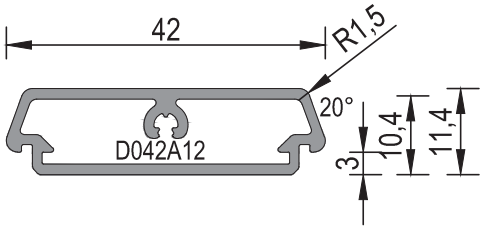

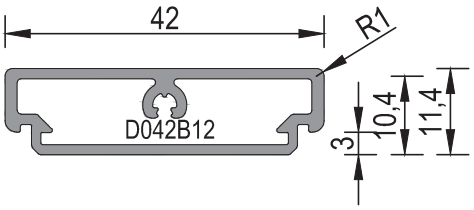

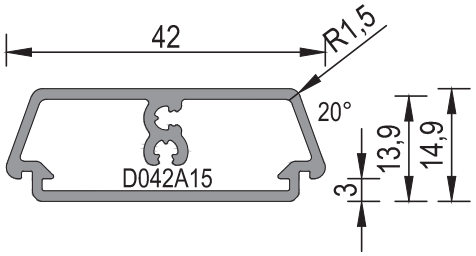

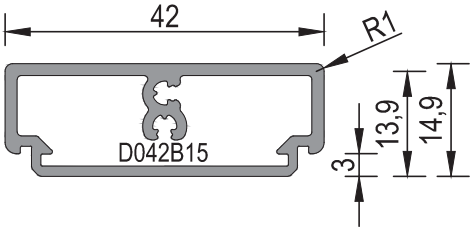

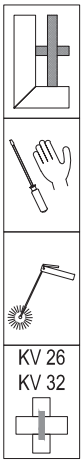

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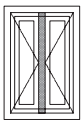

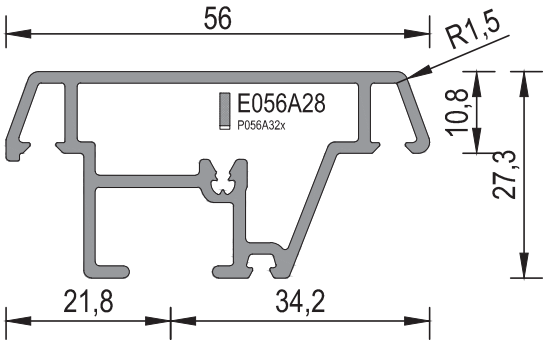

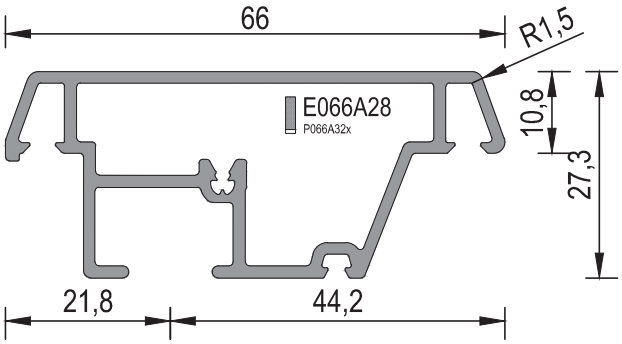

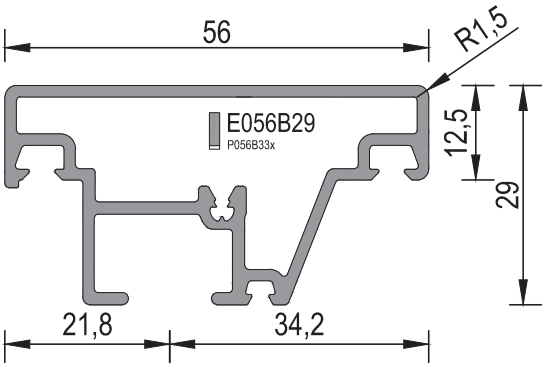

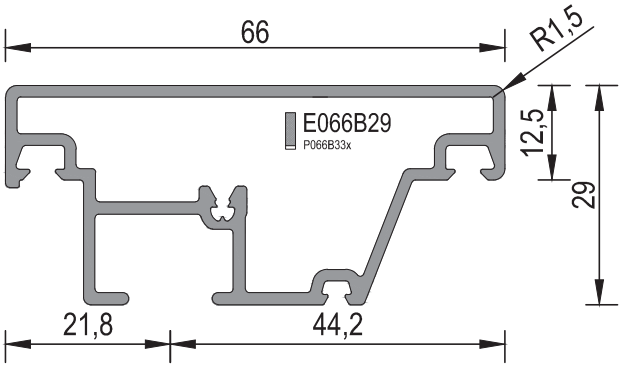

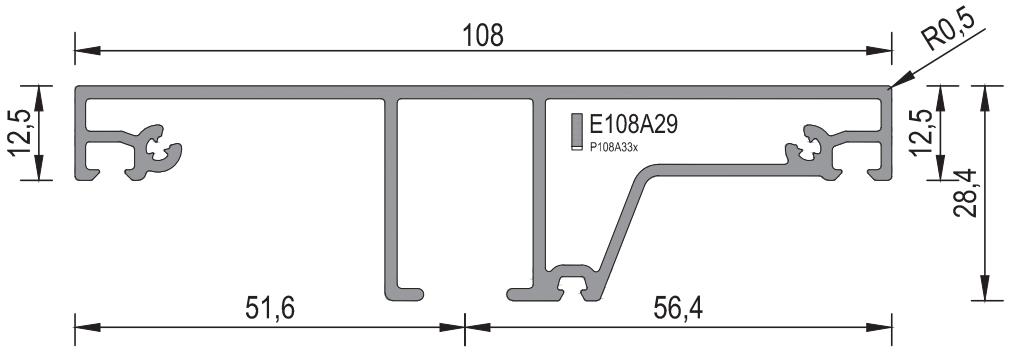

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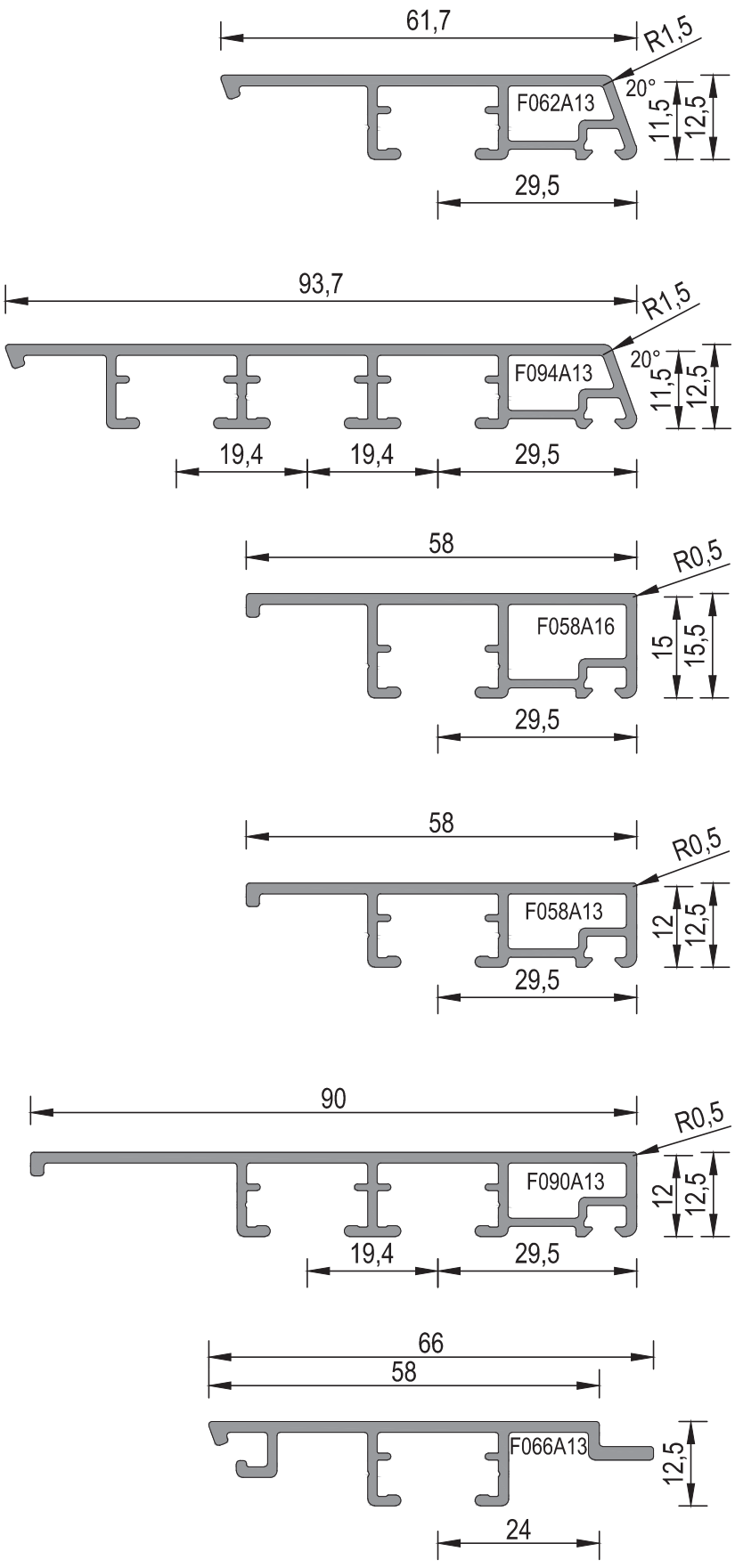

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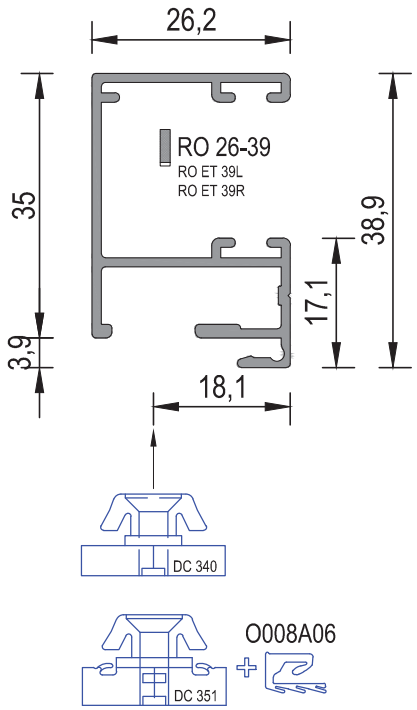

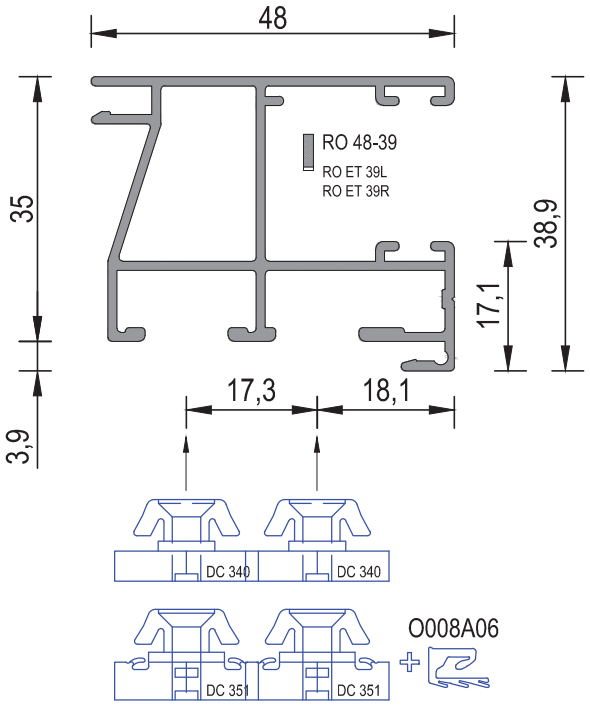

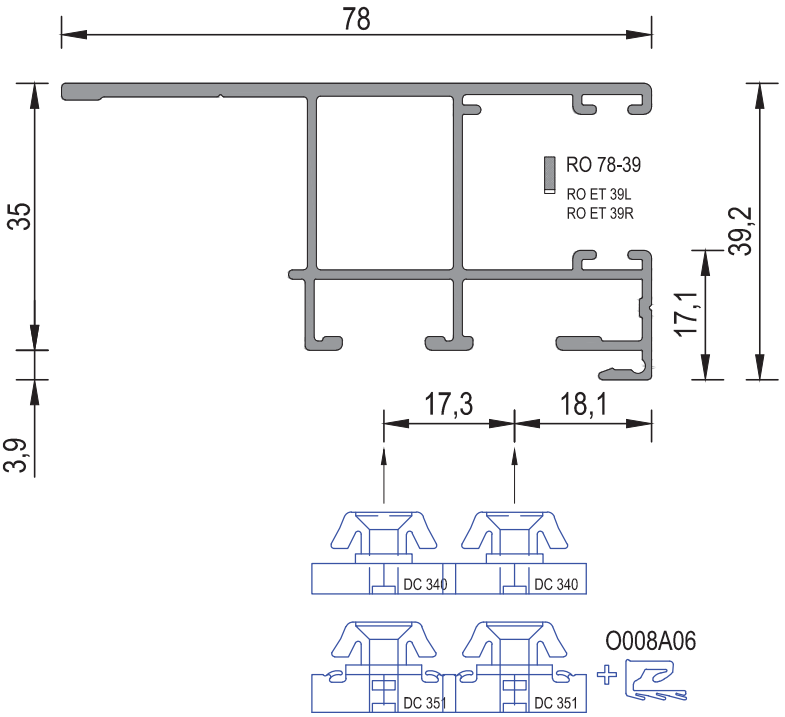

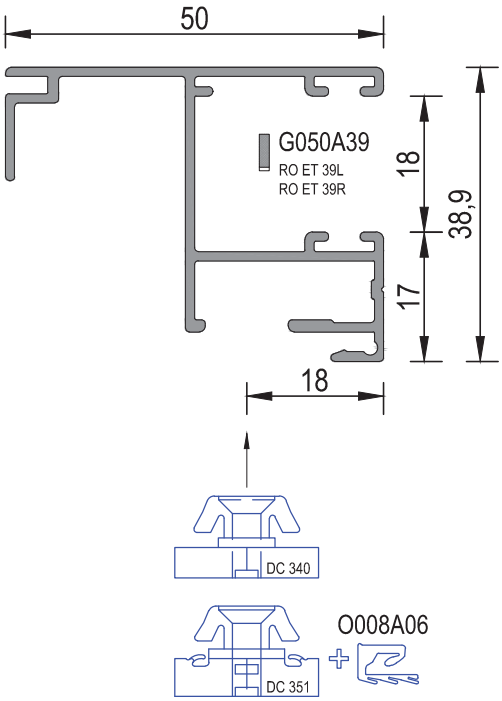

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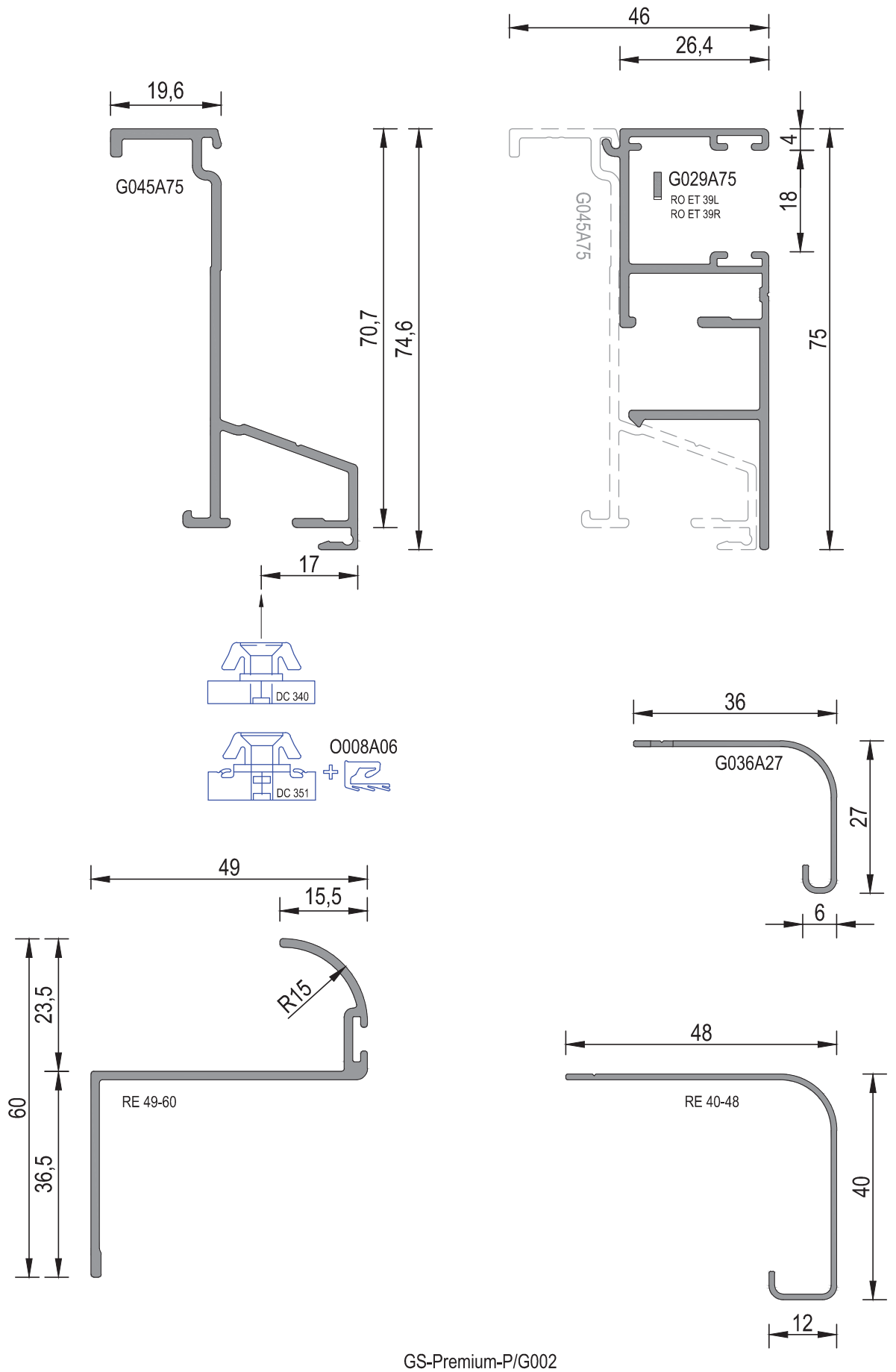

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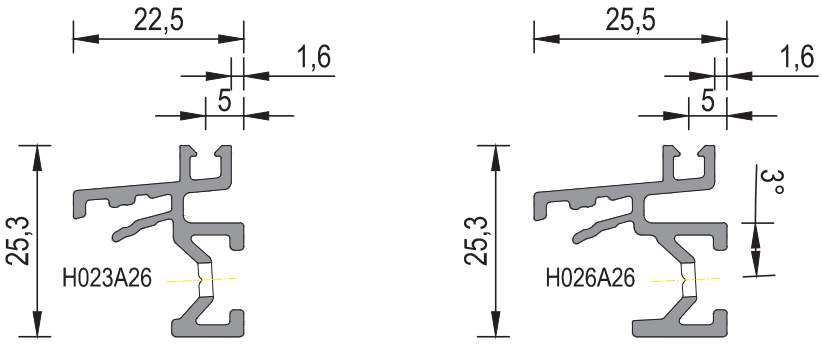

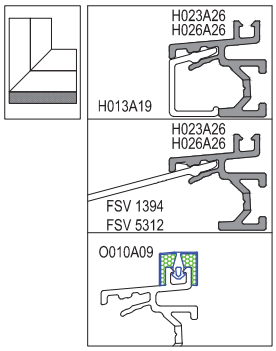

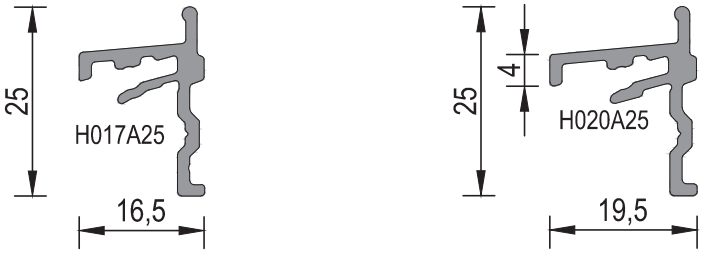

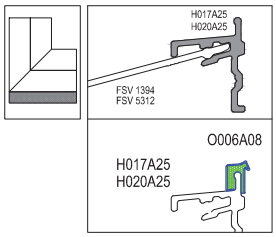

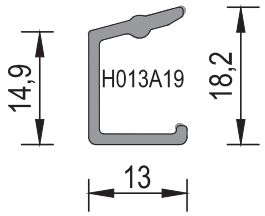

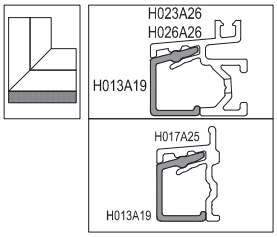

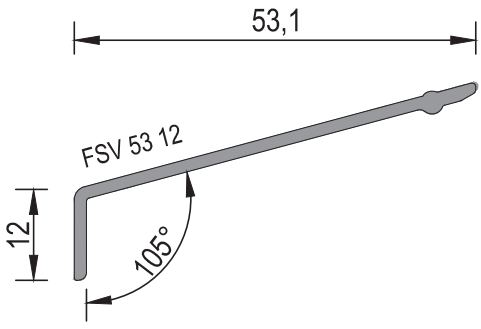

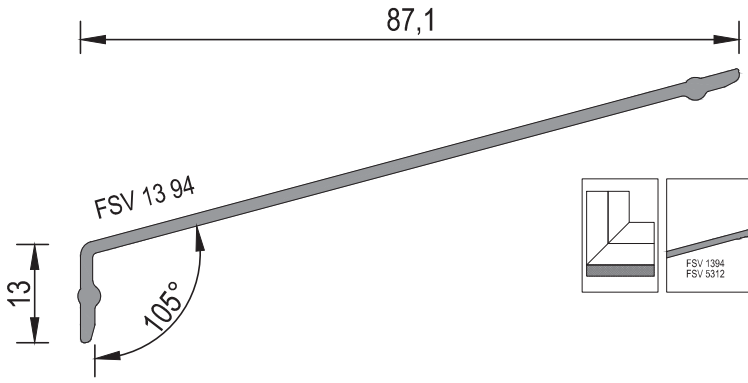

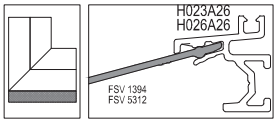

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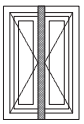

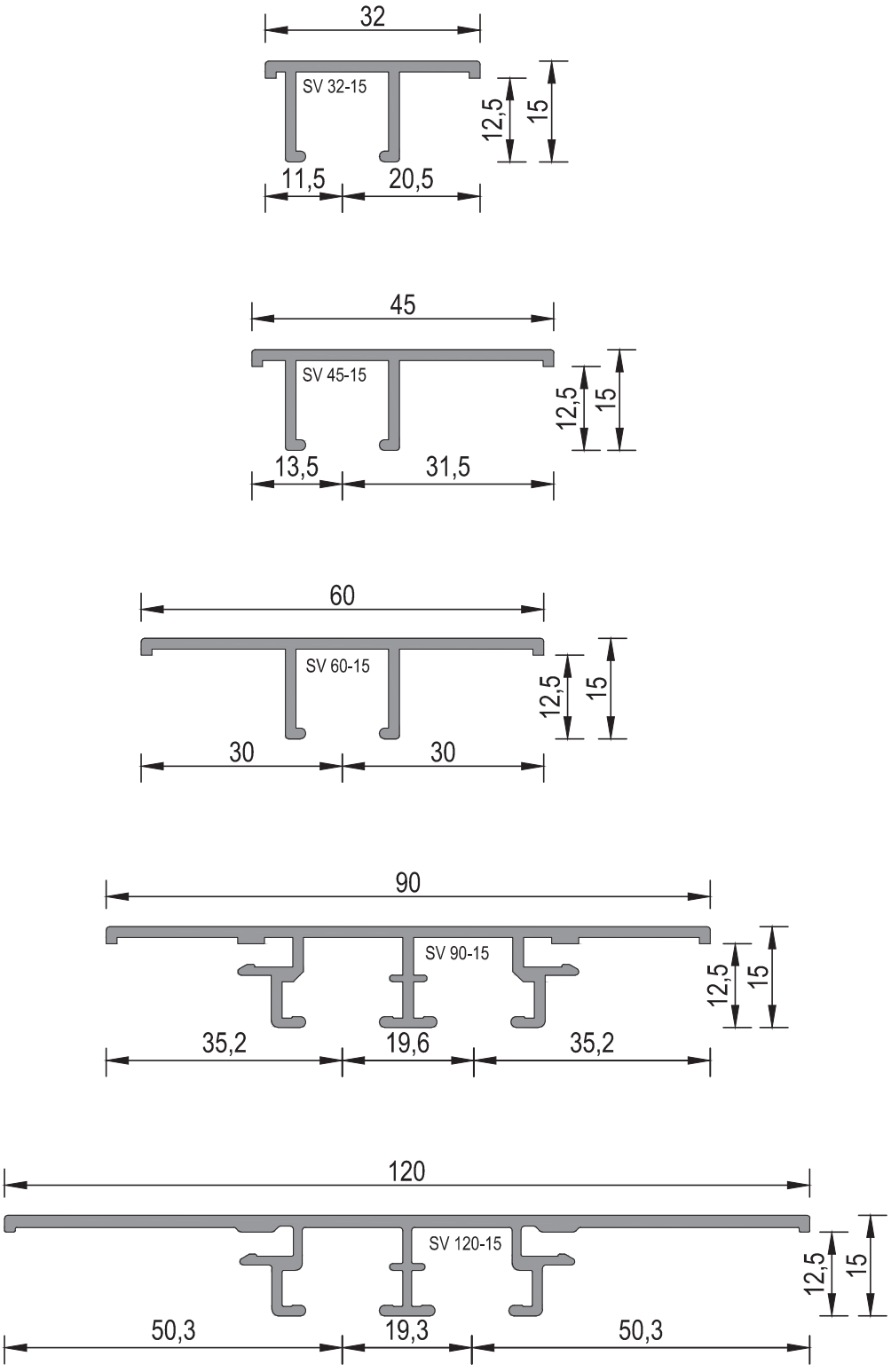

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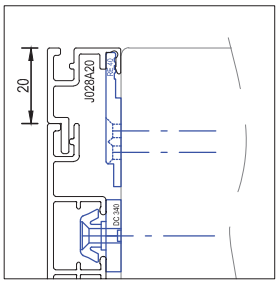
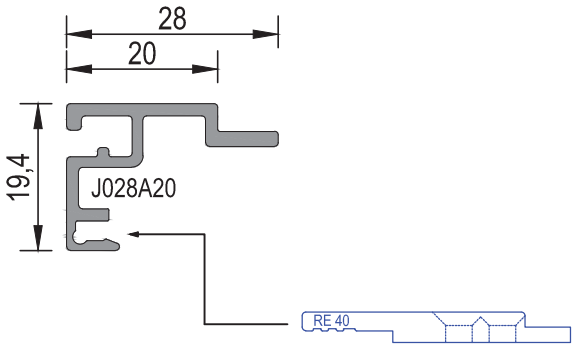
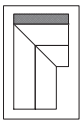
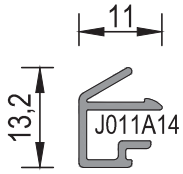
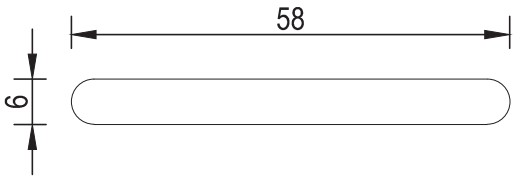
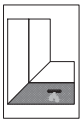








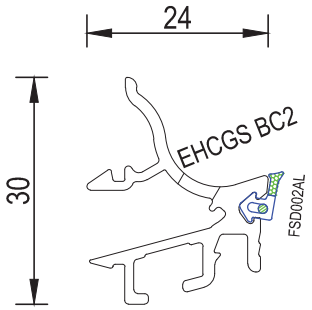


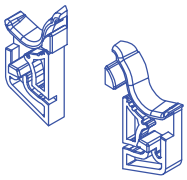


1 : 1
metal

GS-Premium-P/J002

1 : 1
plastic
±RAL7043
10
lose 1000
+ Silikon
EHCGSBC2





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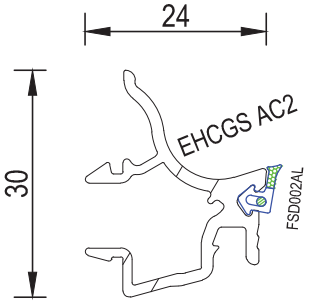
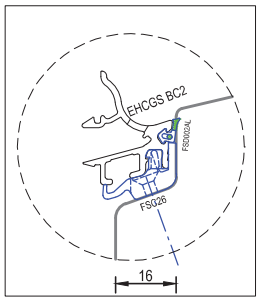
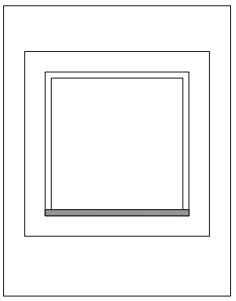
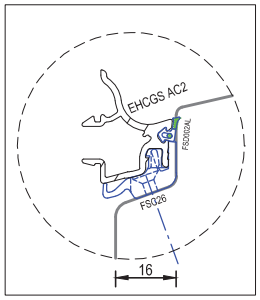
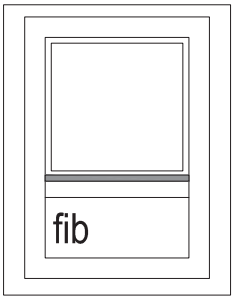
EN GSC02G (links)











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+ Silikon
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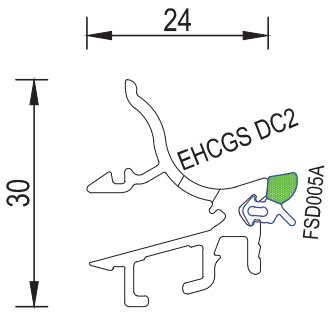

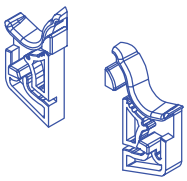

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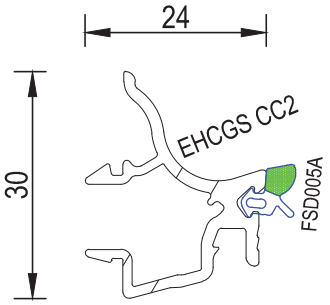
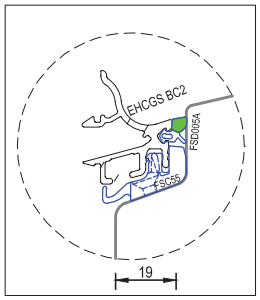
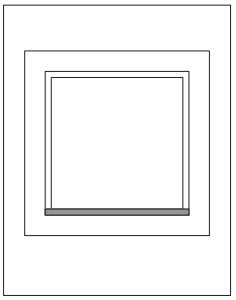
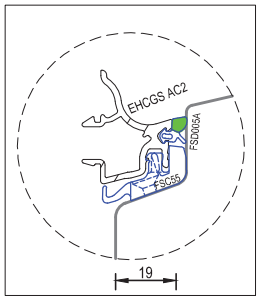
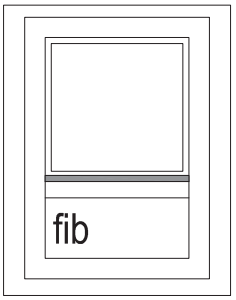
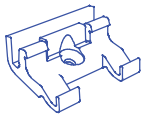


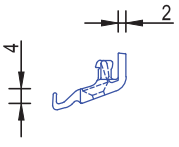




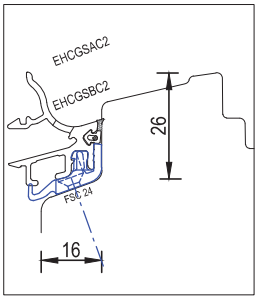


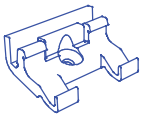


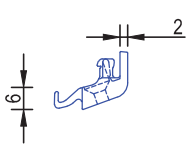




FSC 24
VE 100 Stk.







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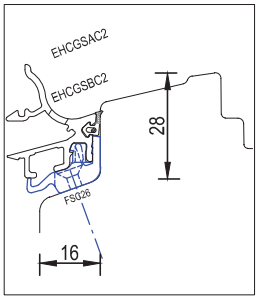

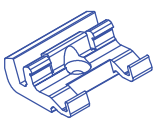

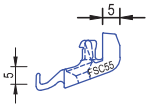

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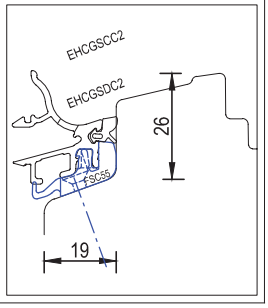

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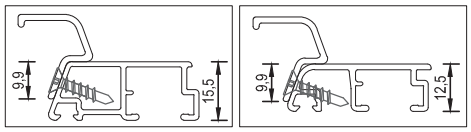

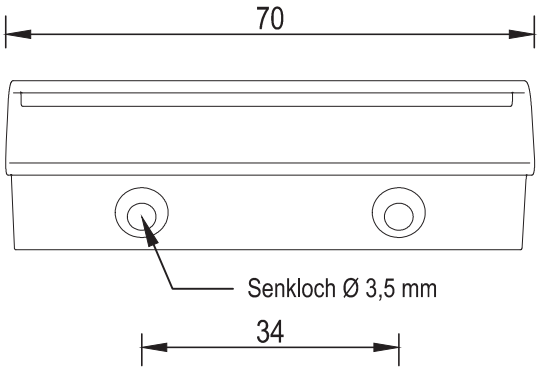

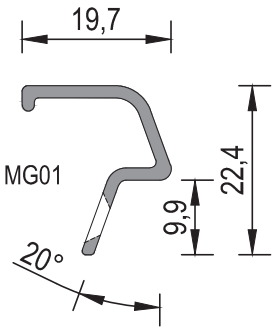

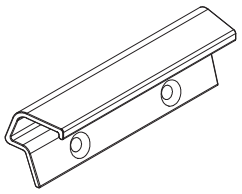

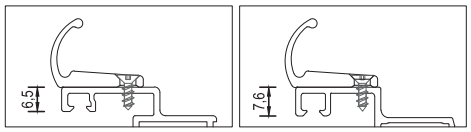

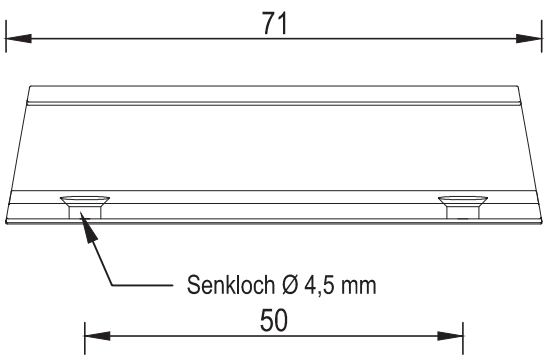

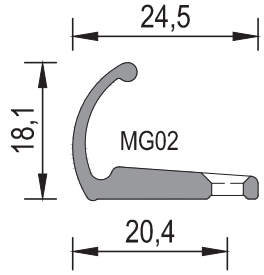

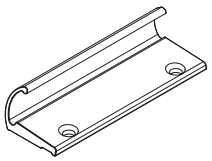

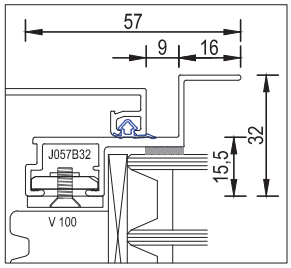

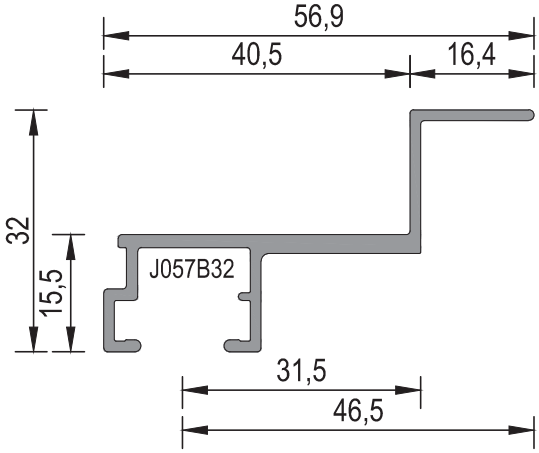

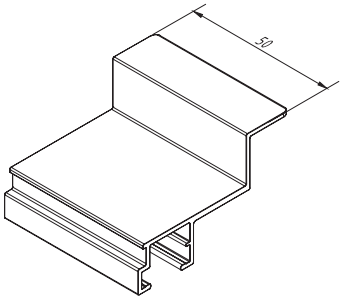

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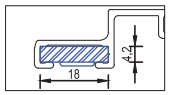

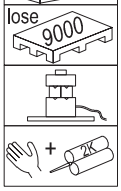

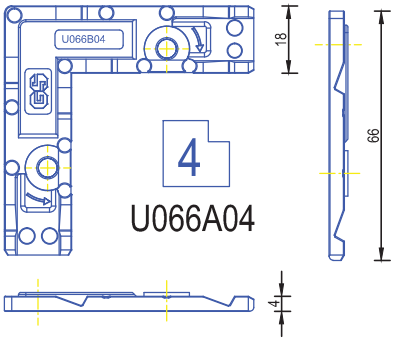

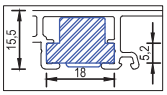

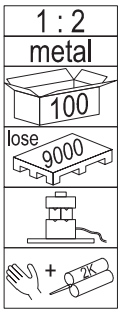

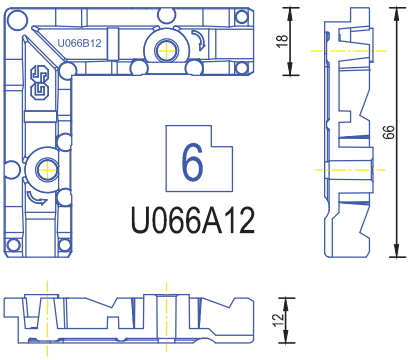

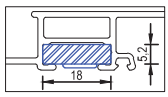

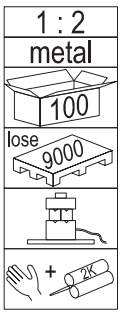

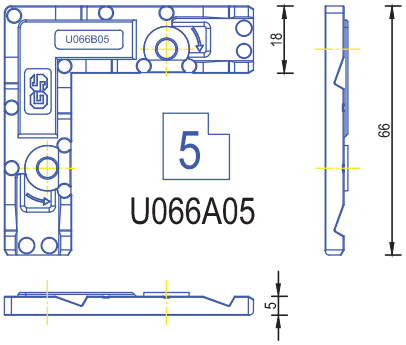

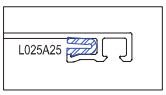

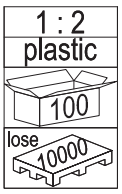

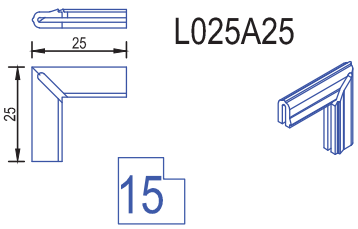

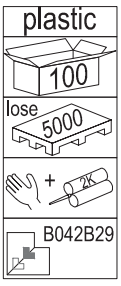

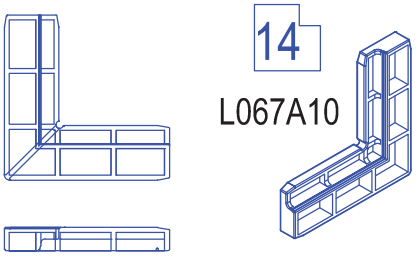

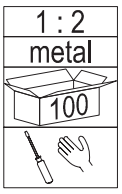

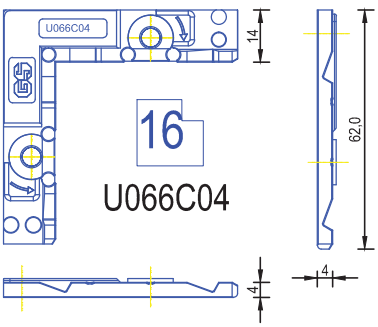

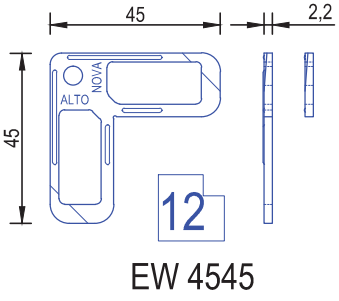

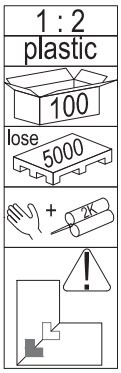

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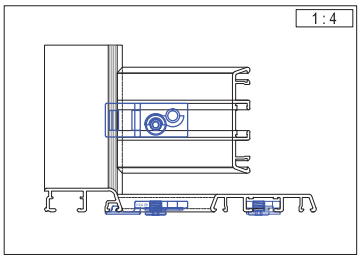

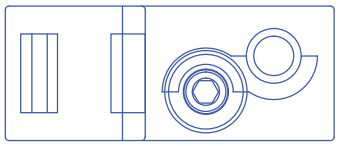

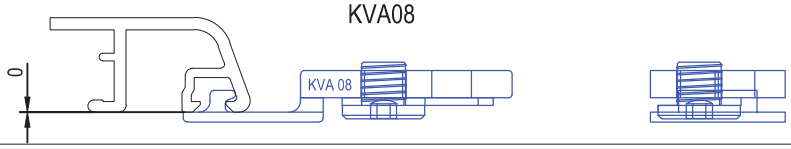

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metal
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KVA 08

1 : 1
metal
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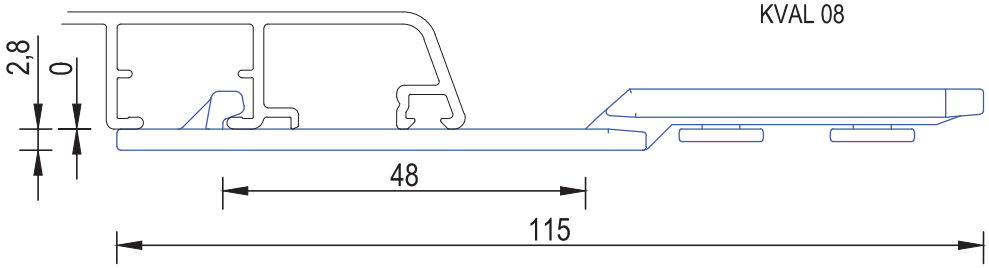

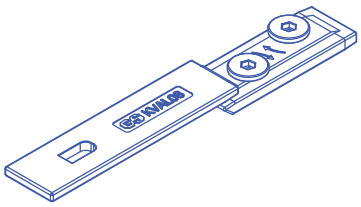

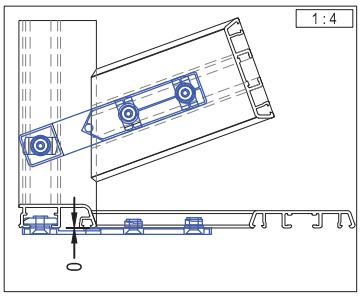

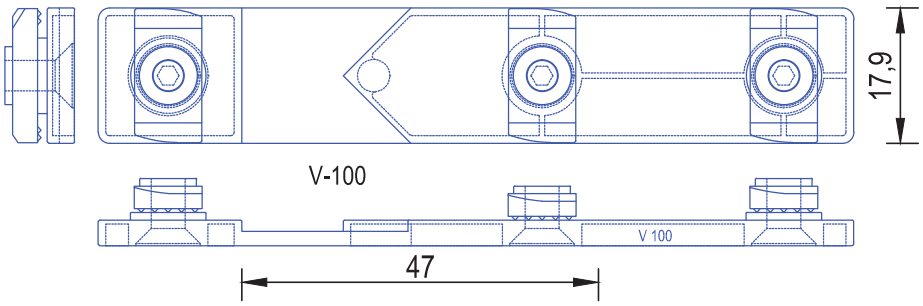

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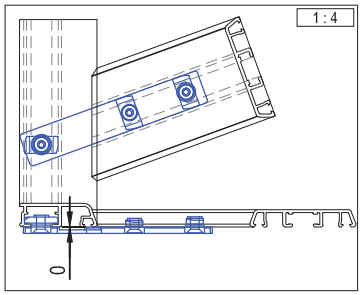

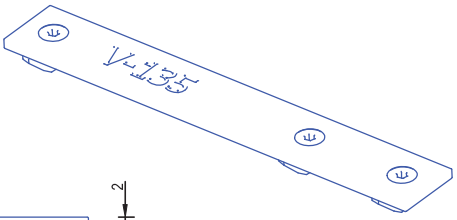

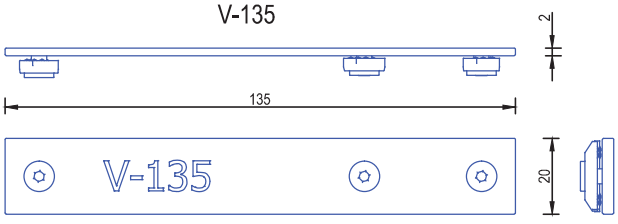

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metal
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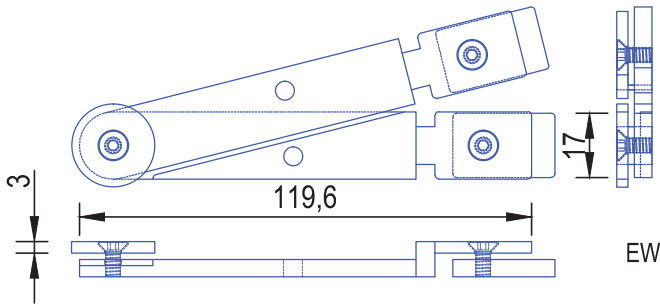
20-135°
V135

GS-Premium-P/M001



EWV20

1 : 2
metal
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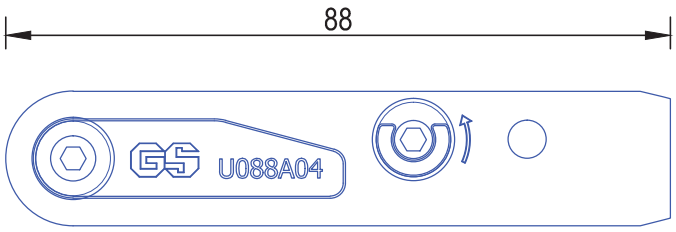
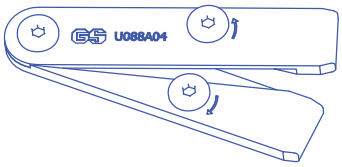
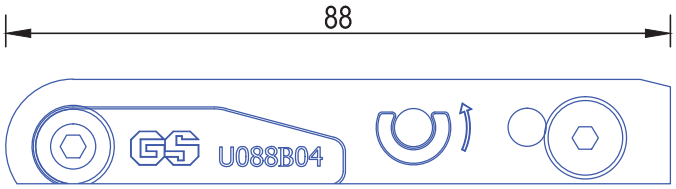
20-175°
EWV20



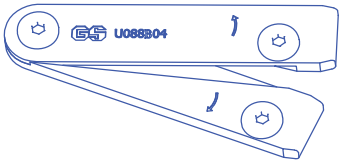
U088A04



1 : 2
metal
50
20-175°
U088A04



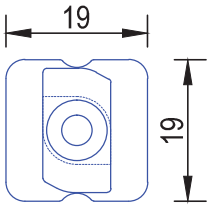
U088B04

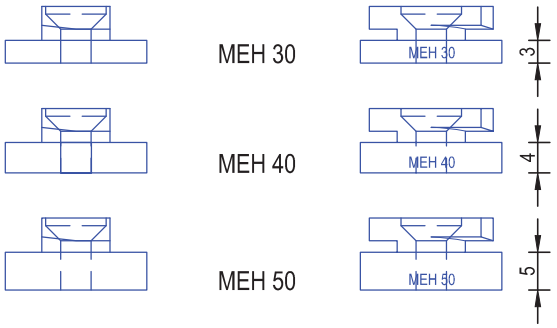


1 : 2
metal
50
20-175°
U088B04

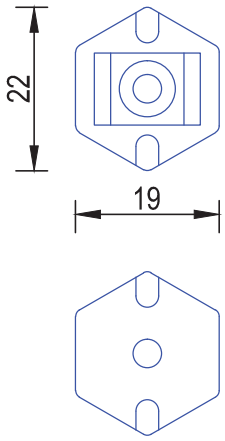
GS-Premium-P/M002

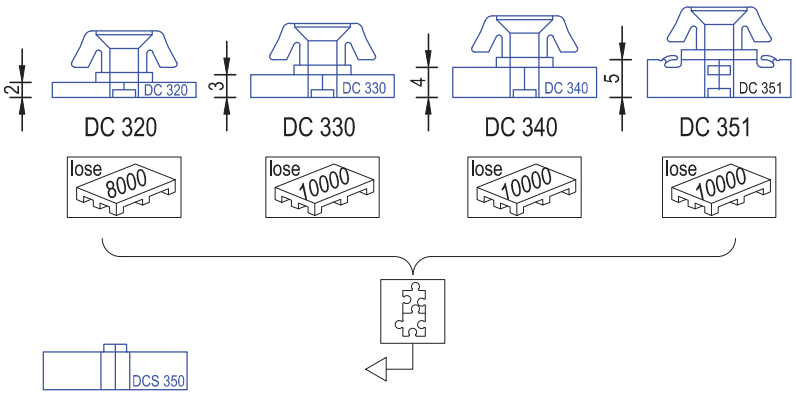
1 : 1
plastic
lose 5000
min. 3.5x35

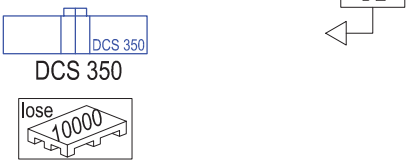




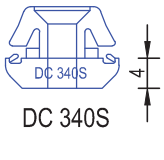
1 : 1
plastic
100
min. 3.5x35

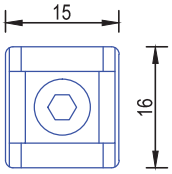




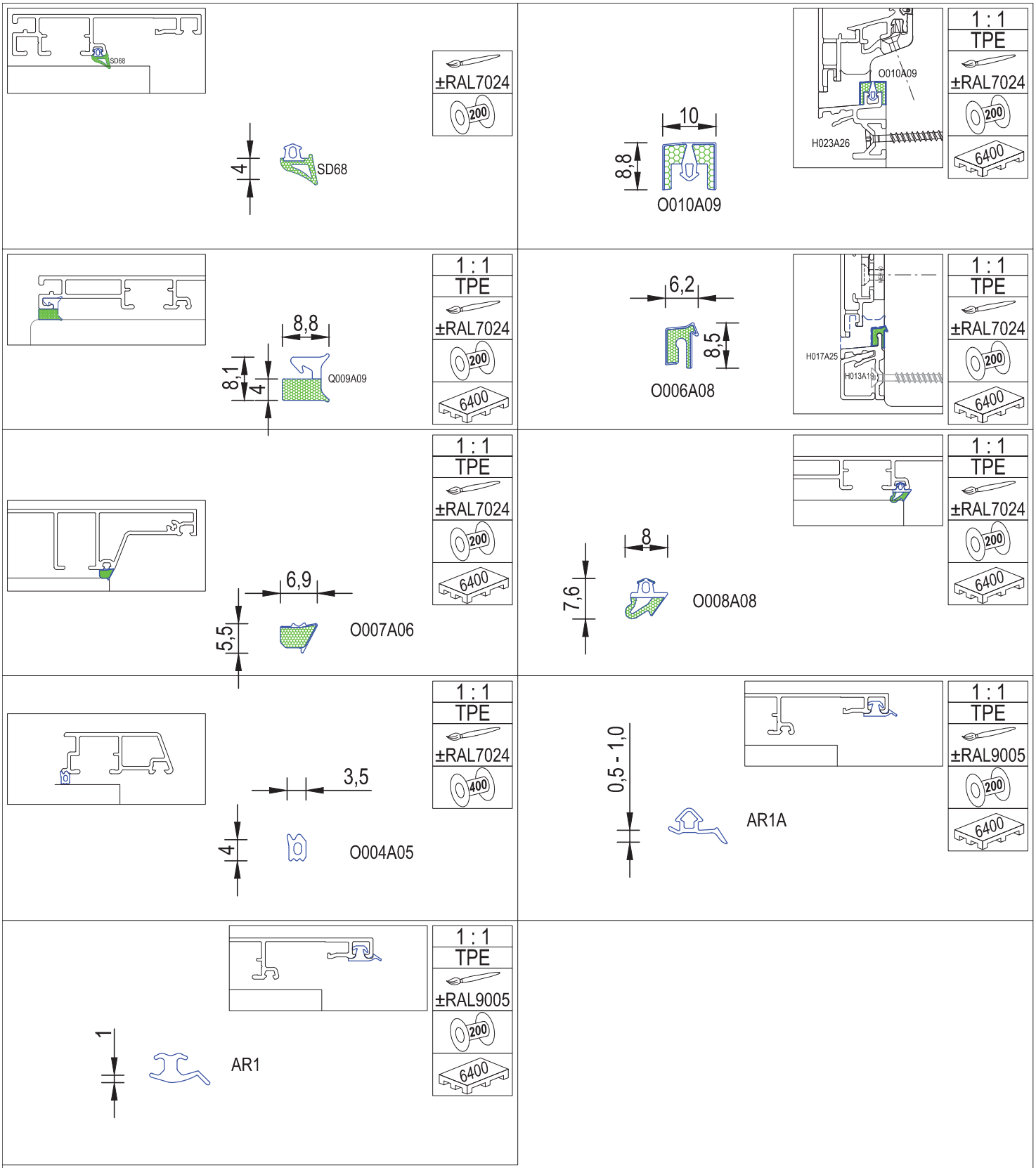


1 : 1
plastic
100
min. 3.5x35

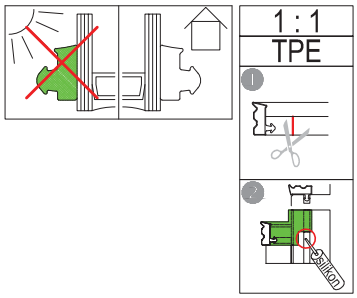


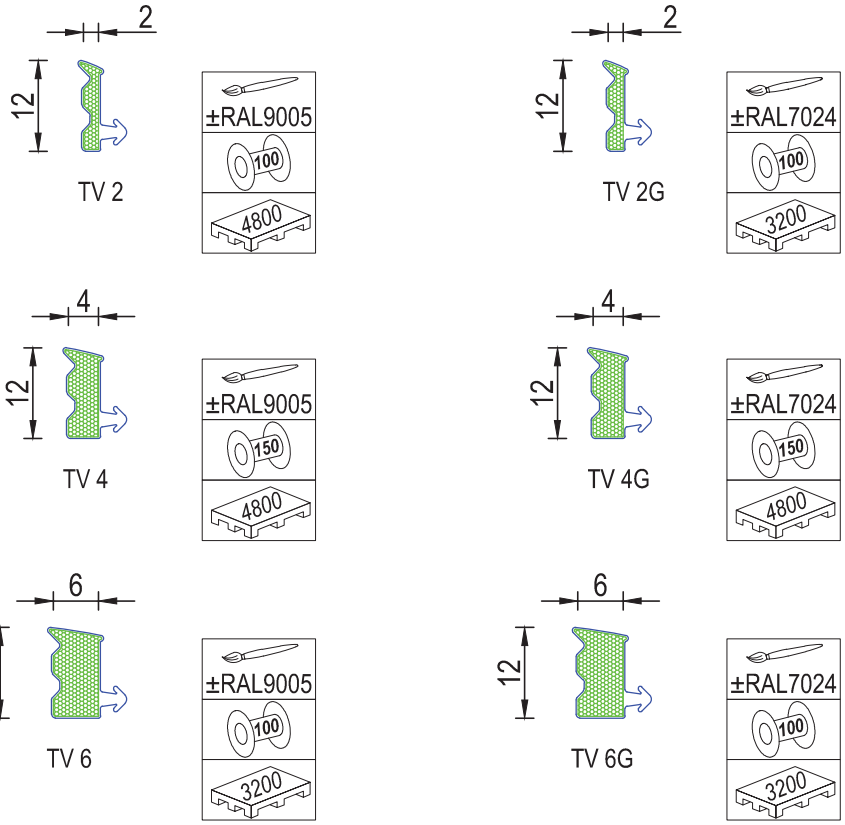


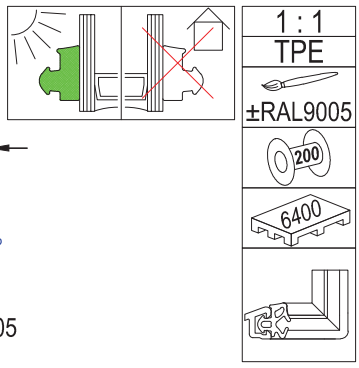
GS-Premium-P/N001

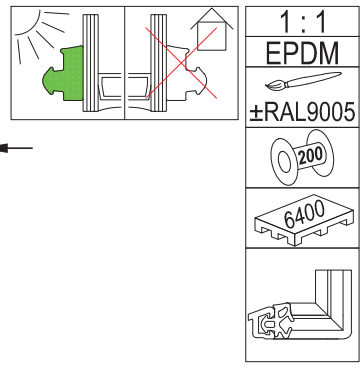


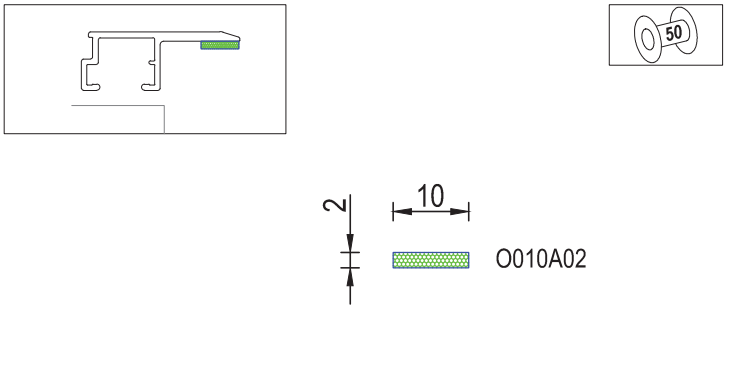
GS-Premium-P/O001



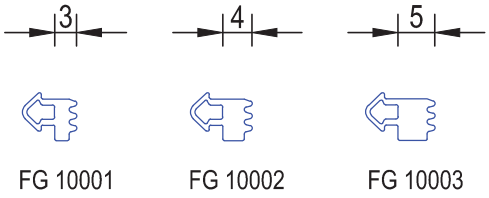




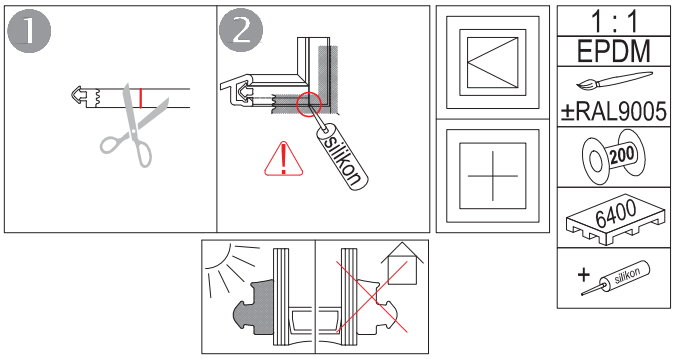


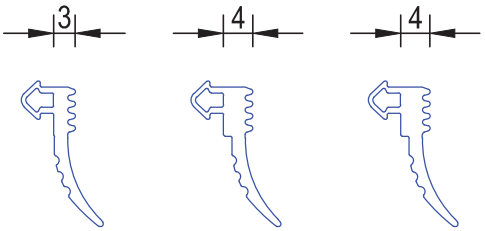


GS-Premium-P/O002

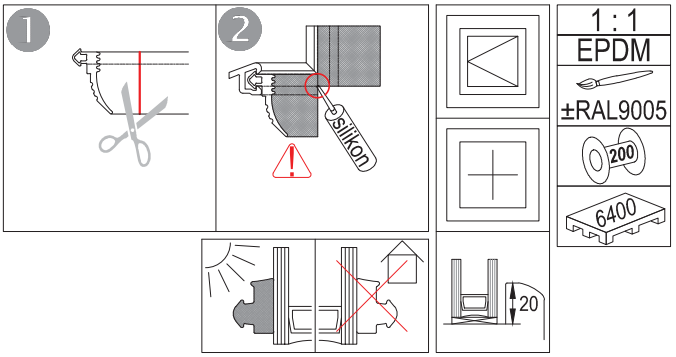


FG 10001 FG 10002 FG 10003



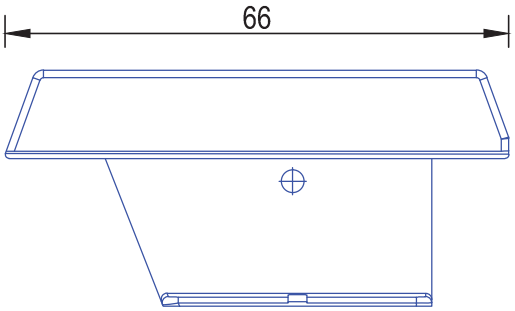


FG 11100 FG 11101 FG 11101K



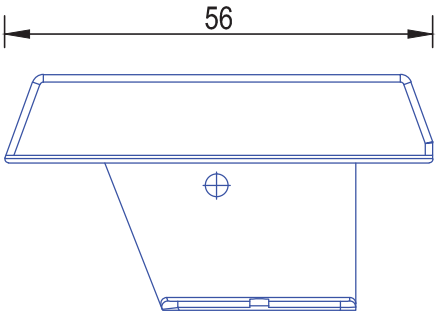
(FG 11101K = FG 11101 silikonisiert, coated with silicon)

GS-Premium-P/O003



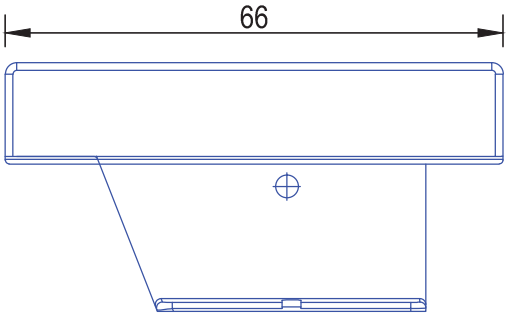
±RAL7024 P066A32G- (rechts) P066A32G (links)
±RAL9005 P066A32N- (rechts) P066A32N (links)
±RAL9016 P066A32W- (rechts) P066A32W (links)

1 : 1 plastic 10 lose 1000 + E066A28



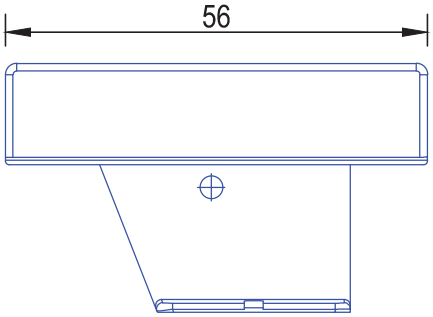
±RAL7024 P056A32G- (rechts) P056A32G (links)
±RAL9005 P056A32N- (rechts) P056A32N (links)
±RAL9016 P056A32W- (rechts) P056A32W (links)

1 : 1 plastic 10 lose 1000 + E056A28



±RAL7024 P066B33G- (rechts) P066B33G (links)
±RAL9005 P066B33N- (rechts) P066B33N (links)
±RAL9016 P066B33W- (rechts) P066B33W (links)

1 : 1 plastic 10 lose 1000 + E066B29



±RAL7024 P056B33G- (rechts) P056B33G (links)
±RAL9005 P056B33N- (rechts) P056B33N (links)
±RAL9016 P056B33W- (rechts) P056B33W (links)

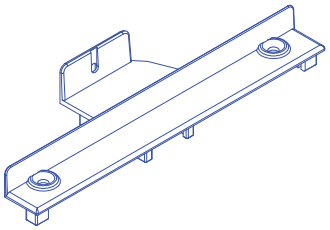
1 : 1 plastic 10 lose 1000 + E056B29

GS-Premium-P/P001

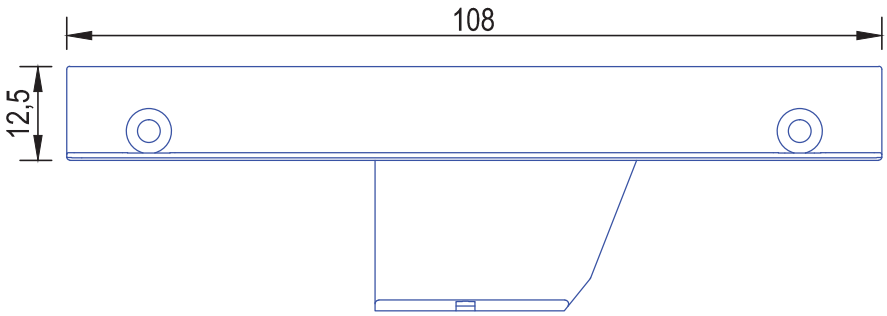
±RAL9005 P108A33N- (rechts) P108A33N (links)

±RAL9016 P108A33W- (rechts) P108A33W (links)

±RAL7043 P108A33G- (rechts) P108A33G (links)

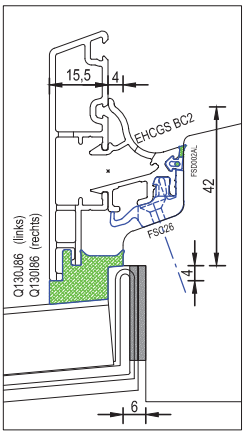


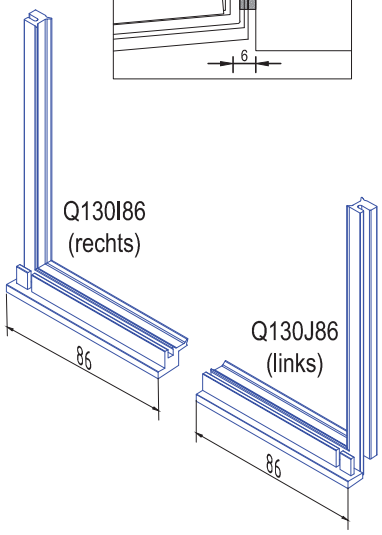
1 : 1
plastic
10
lose 1000
+
E108A29

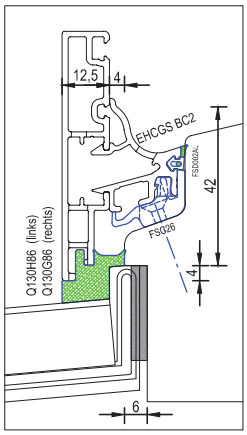


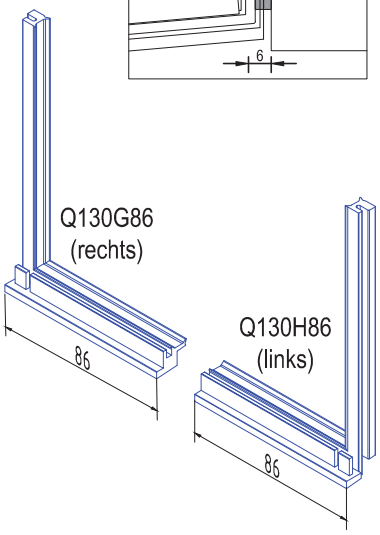
GS-Premium-P/P002

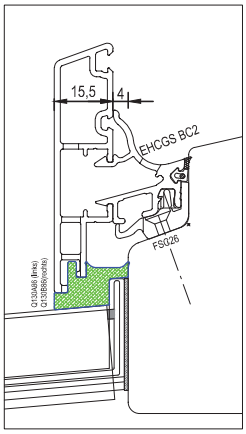
TPE ±RAL7024 10

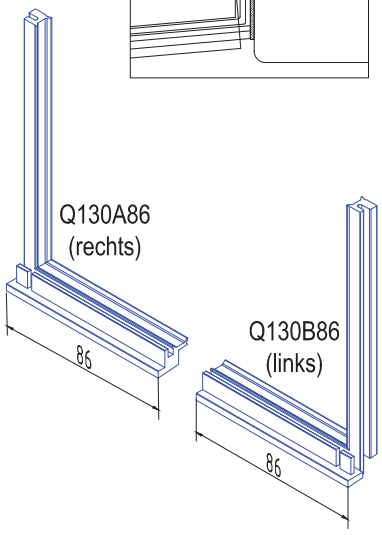


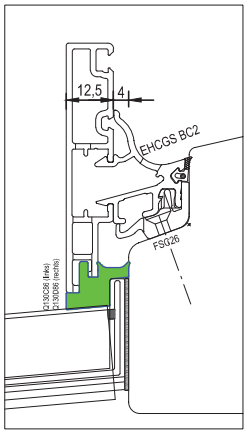


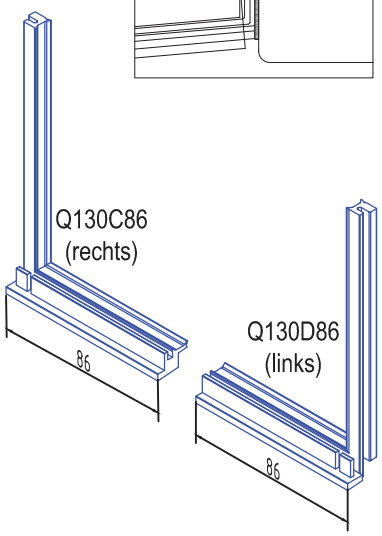




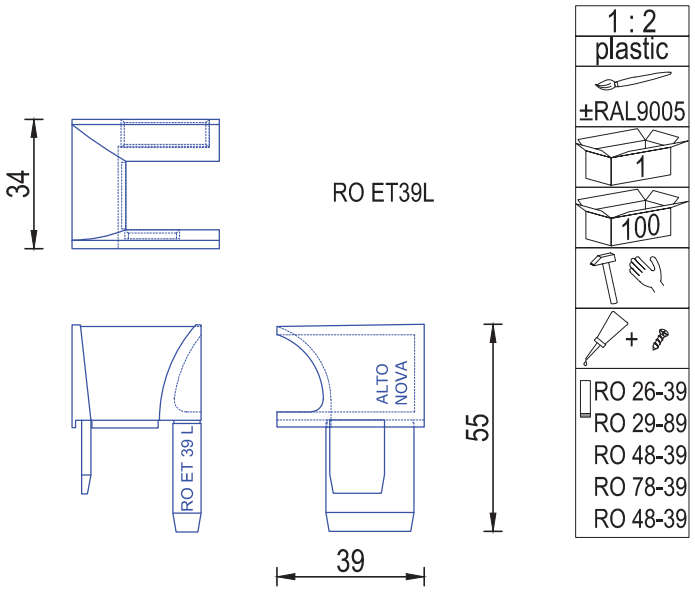


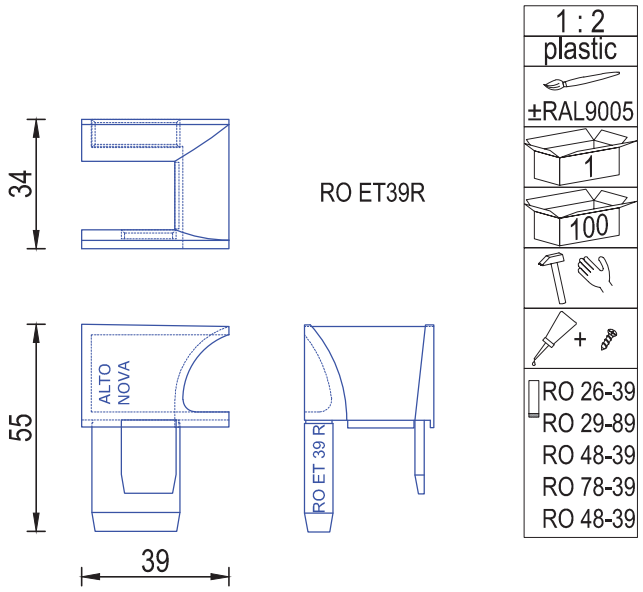


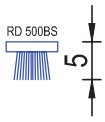


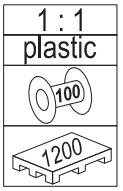


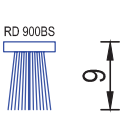
GS-Premium-P/Q001

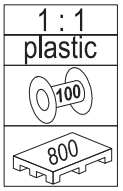


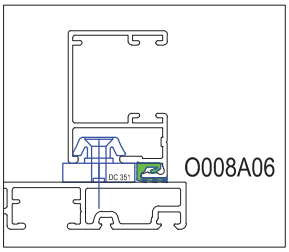


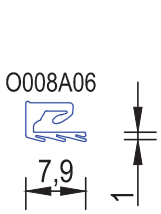


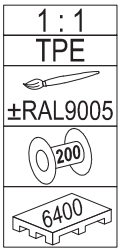




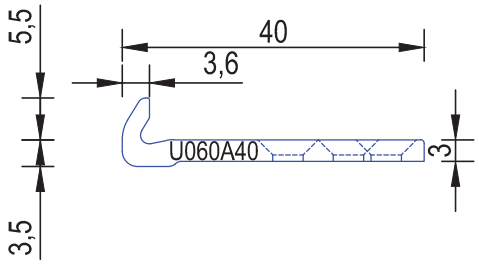


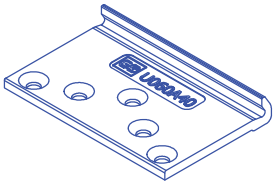


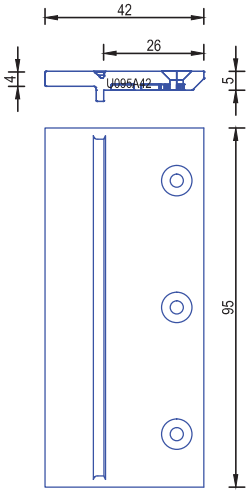


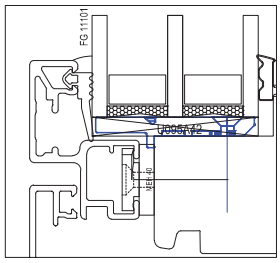


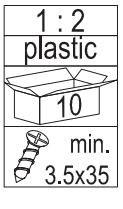
GS-Premium-P/R001











U095A42

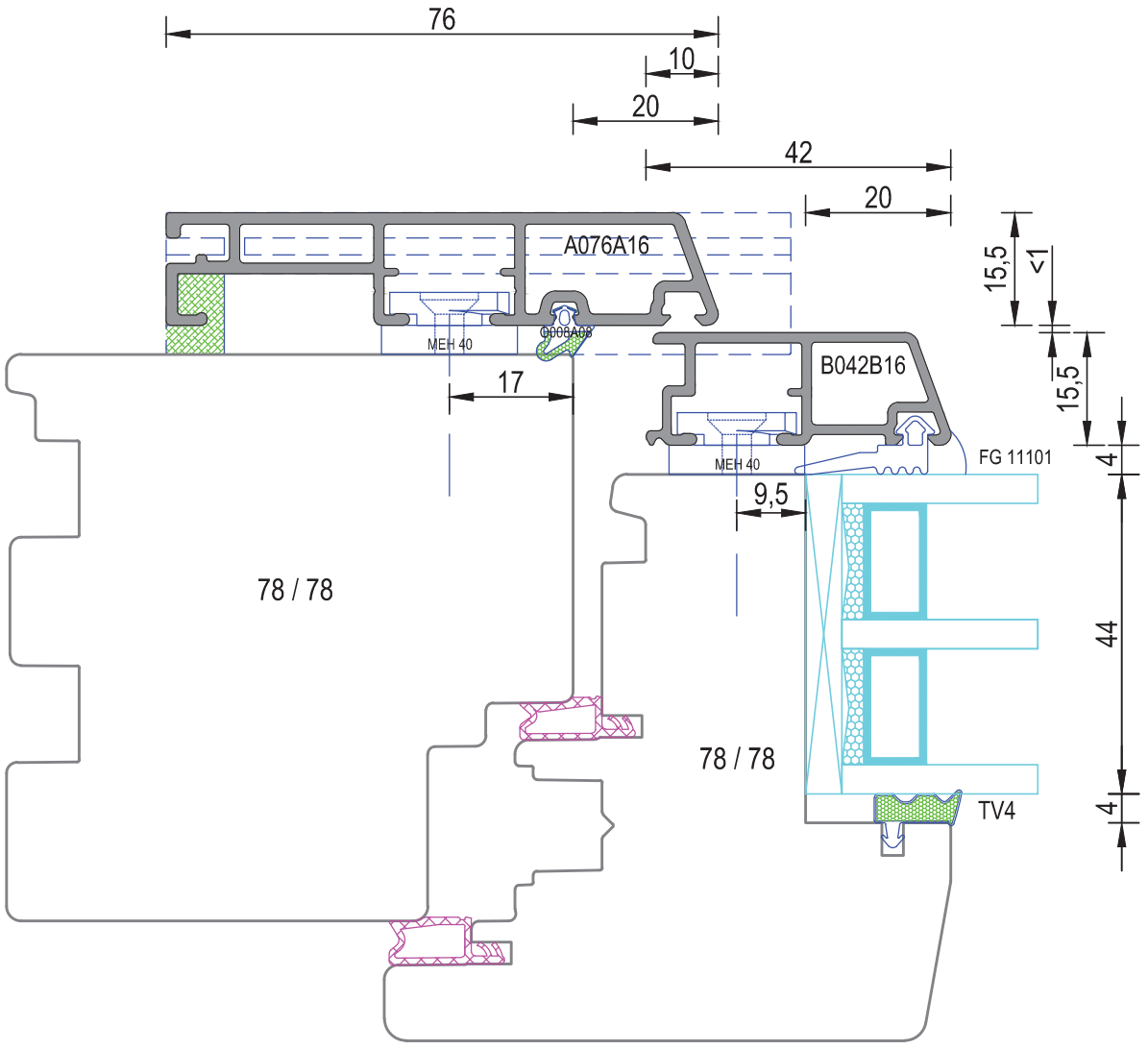
GS-Premium-P/U001

GS-Premium Serie 200 Schnitte

GS-Premium Series 200 cross sections

Rahmen Fenster seitlich & oben

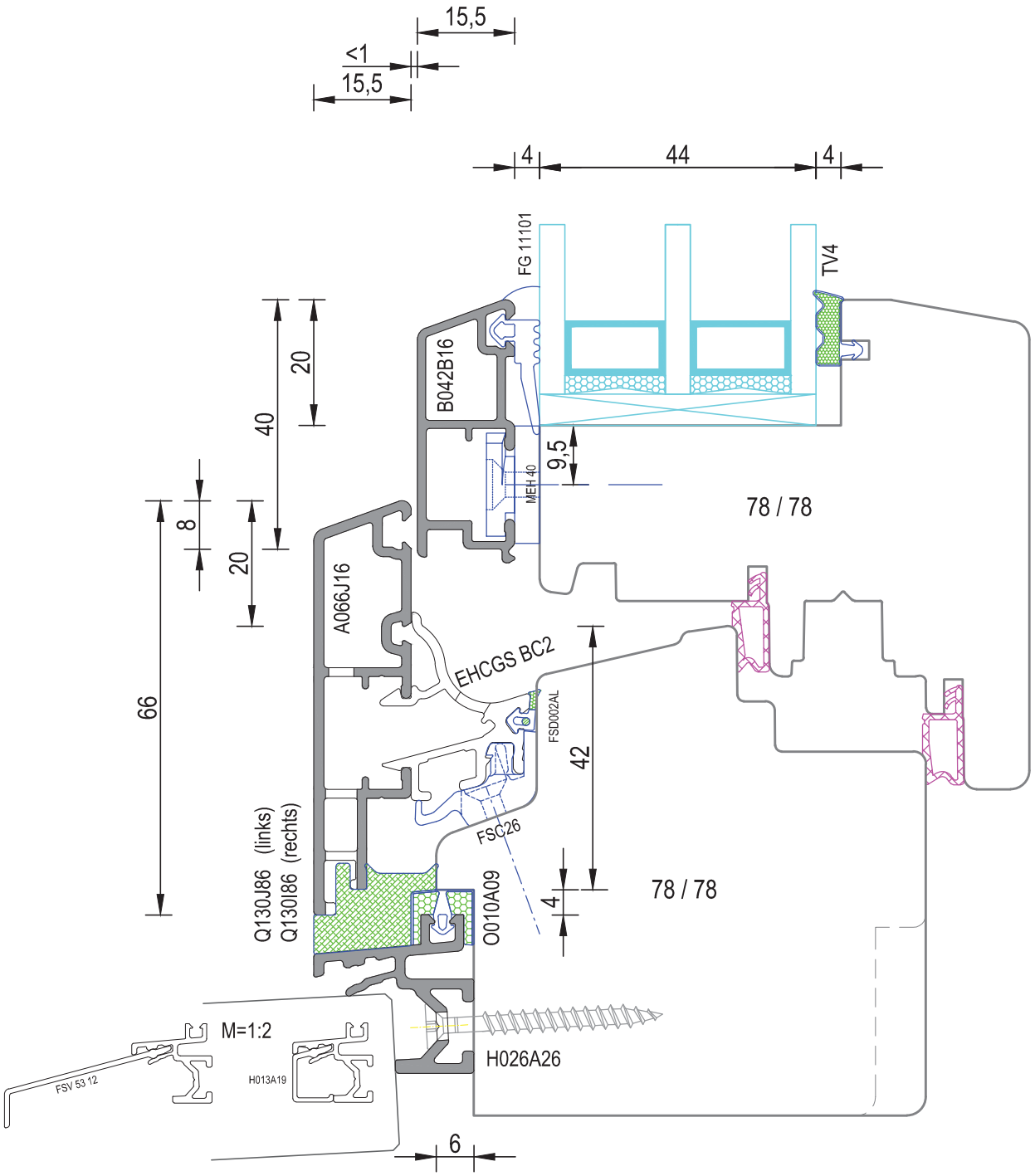
Upright and top frames



GS-Premium 200/S001

Rahmen Fenster unten

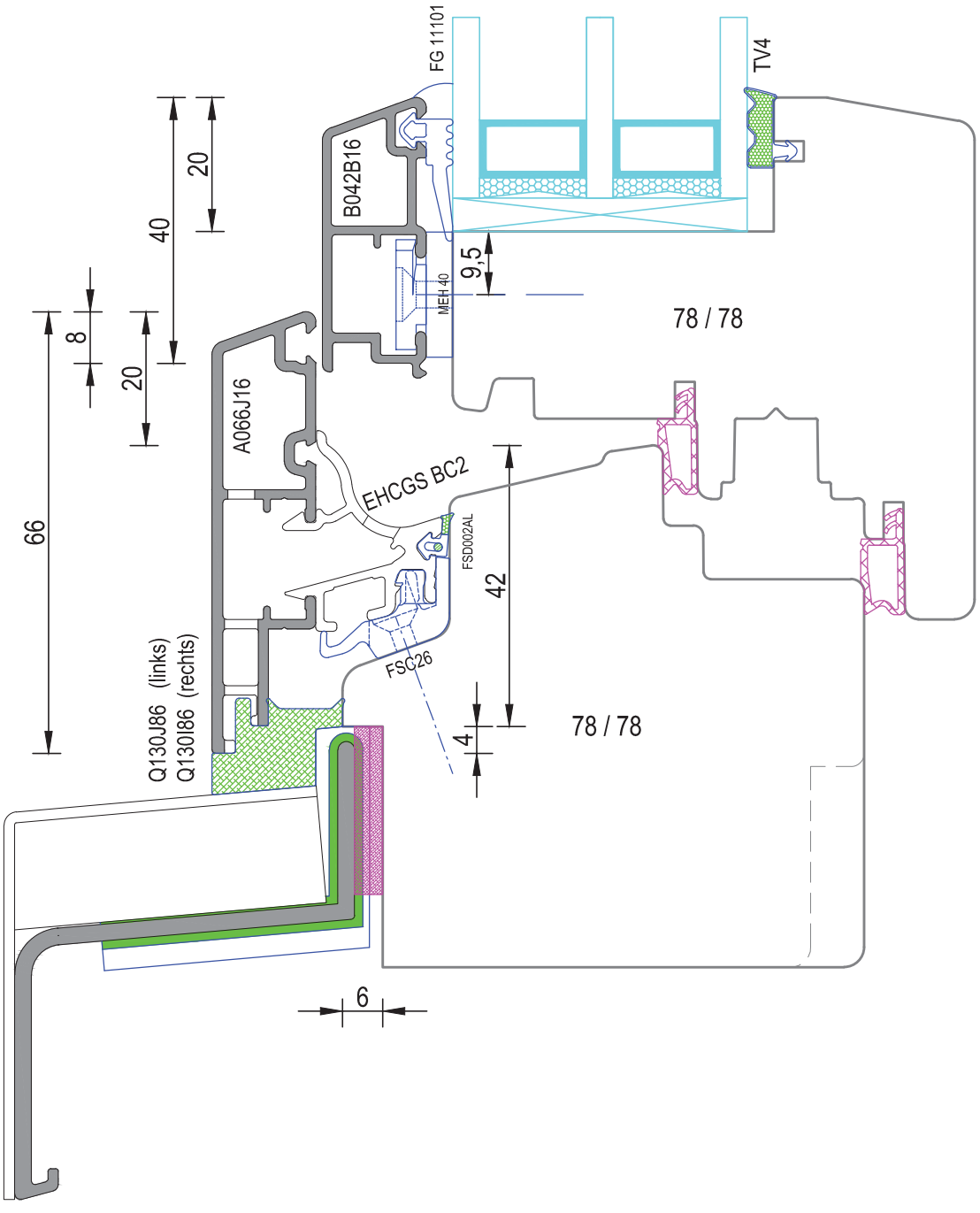
Bottom frame



GS-Premium 200/S002

Rahmen Fenster unten

Bottom frame

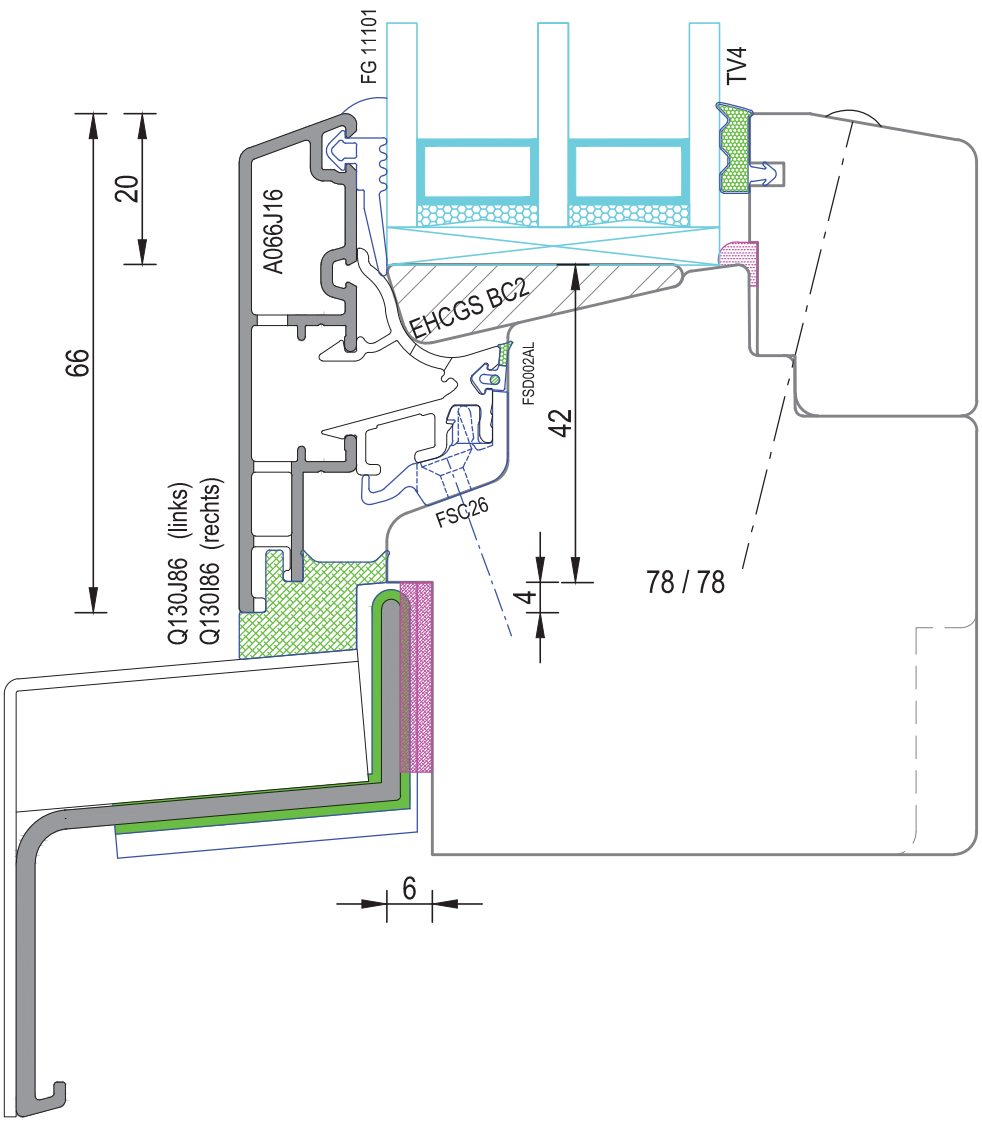


GS-Premium 200/S003

Rahmen FIB unten

Bottom frame in fixed glazing

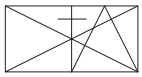
fib

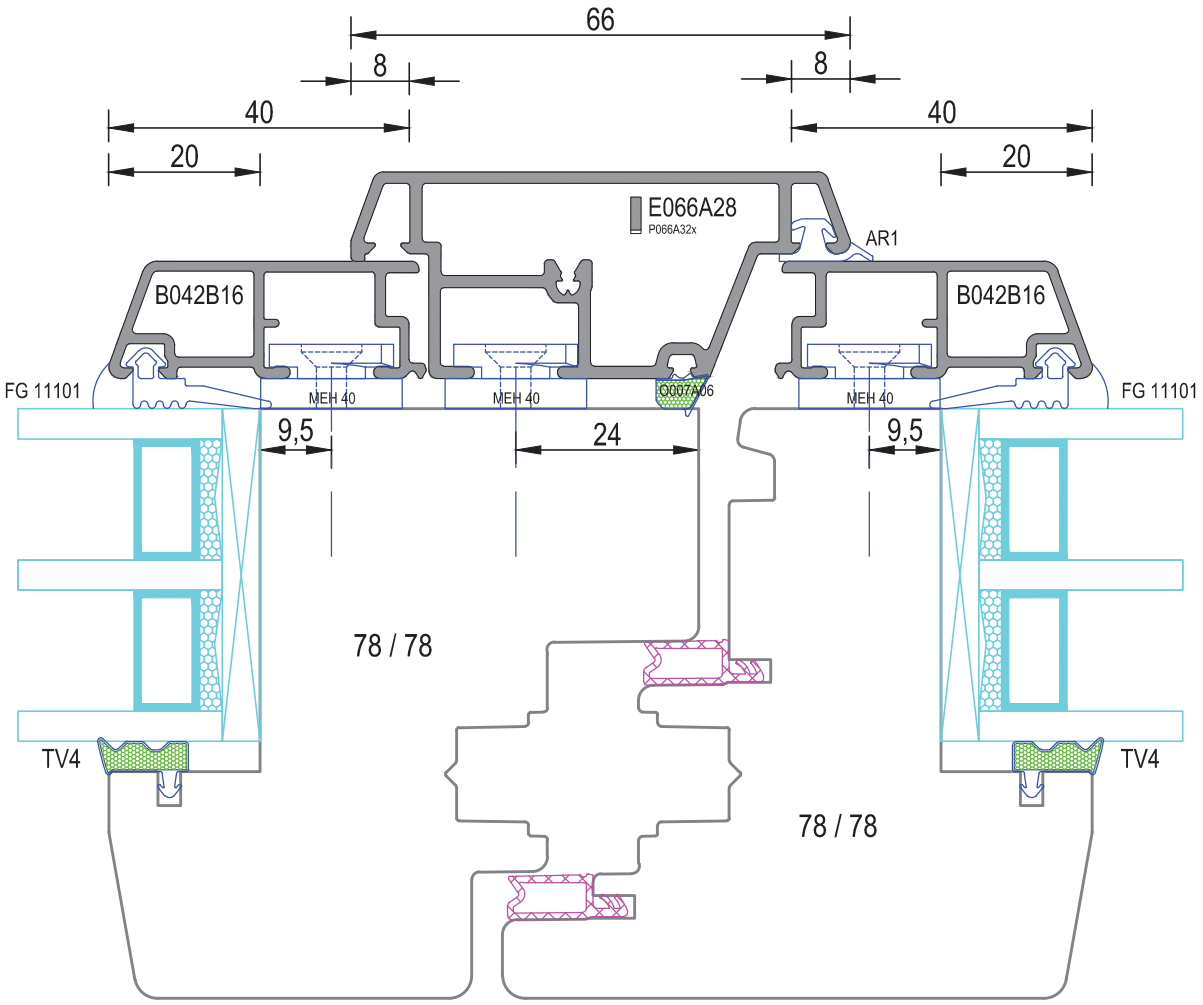


GS-Premium 200/S004

Stulp

Adjoining profile

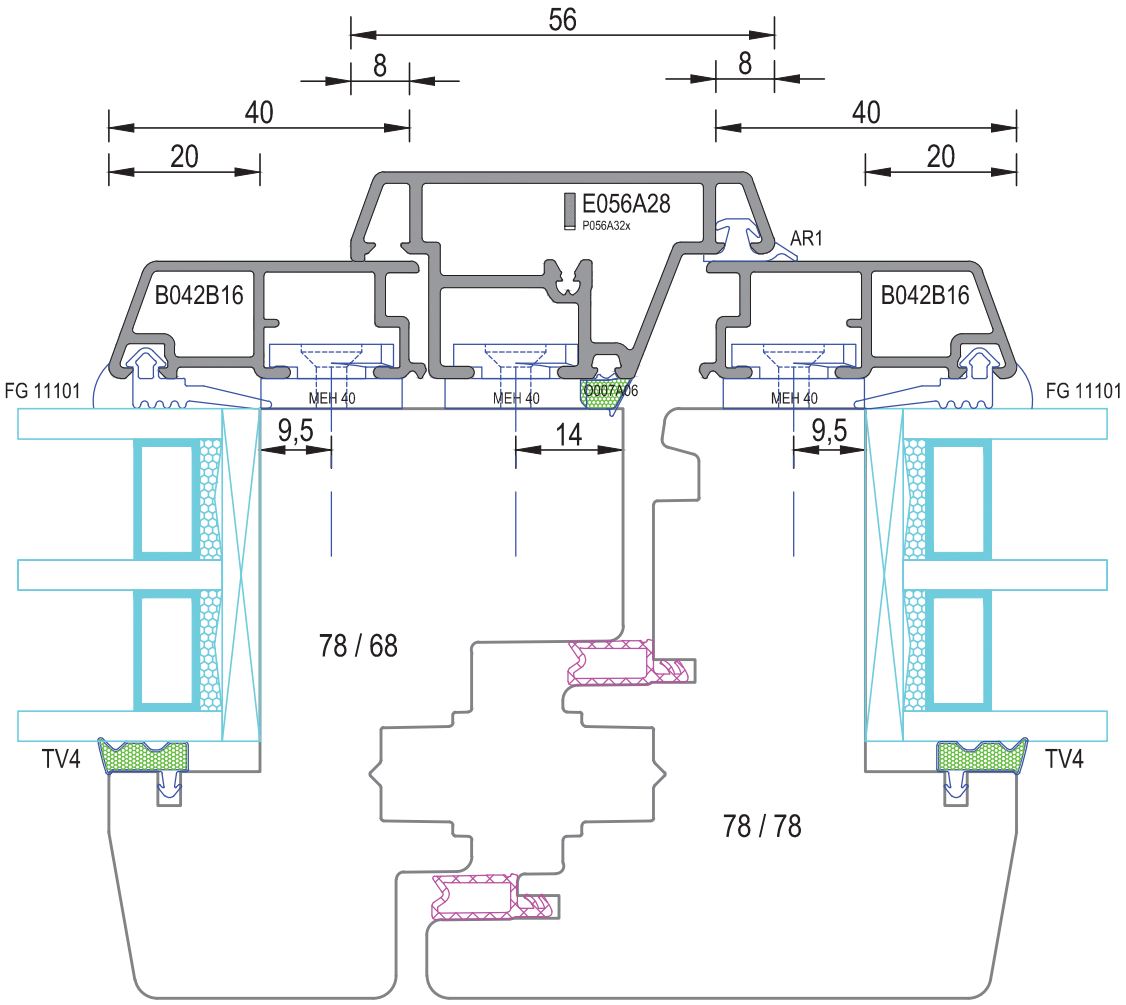




GS-Premium 200/S005

Stulp

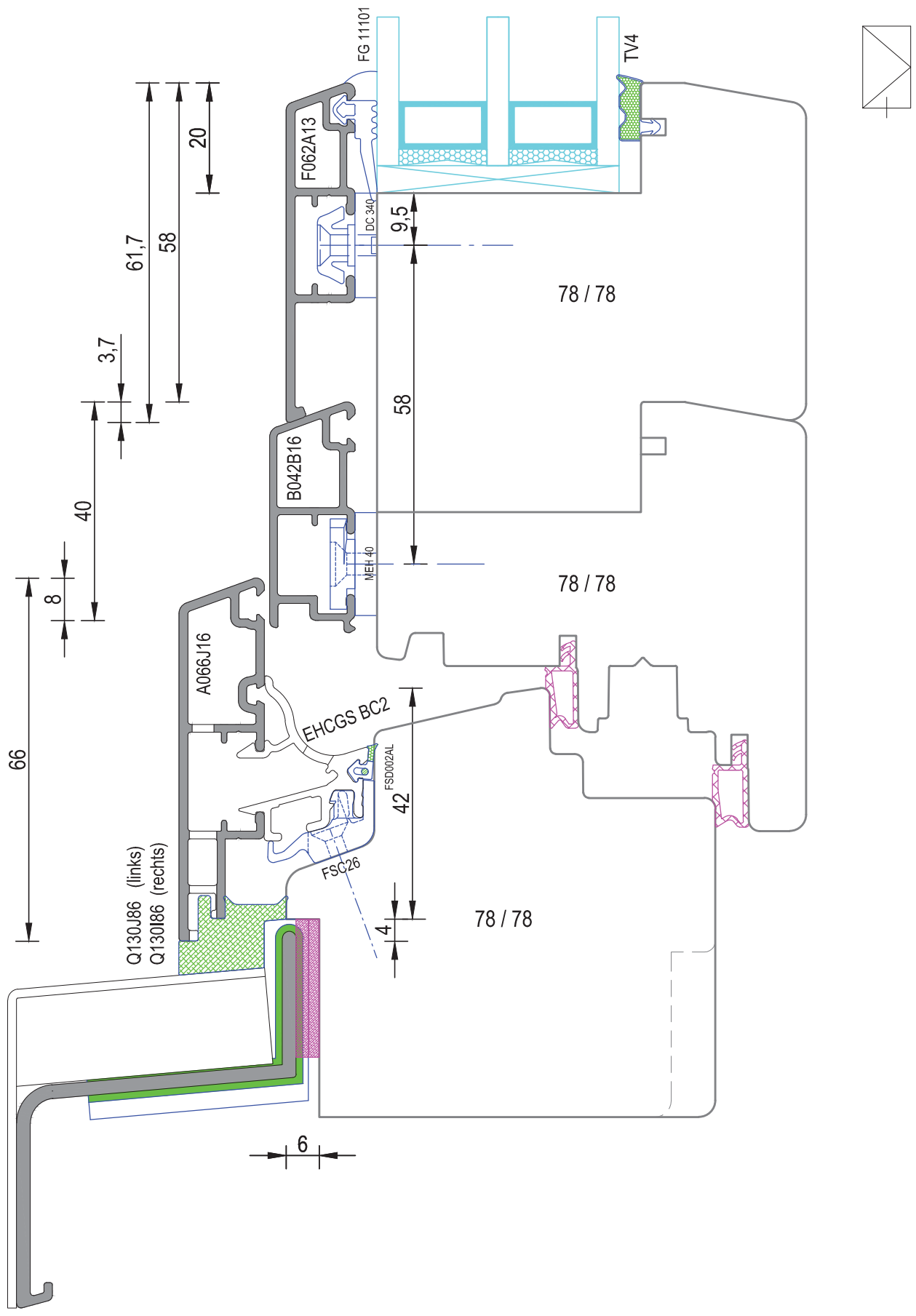
Adjoining profile



GS-Premium 200/S006

Rahmen Tür unten

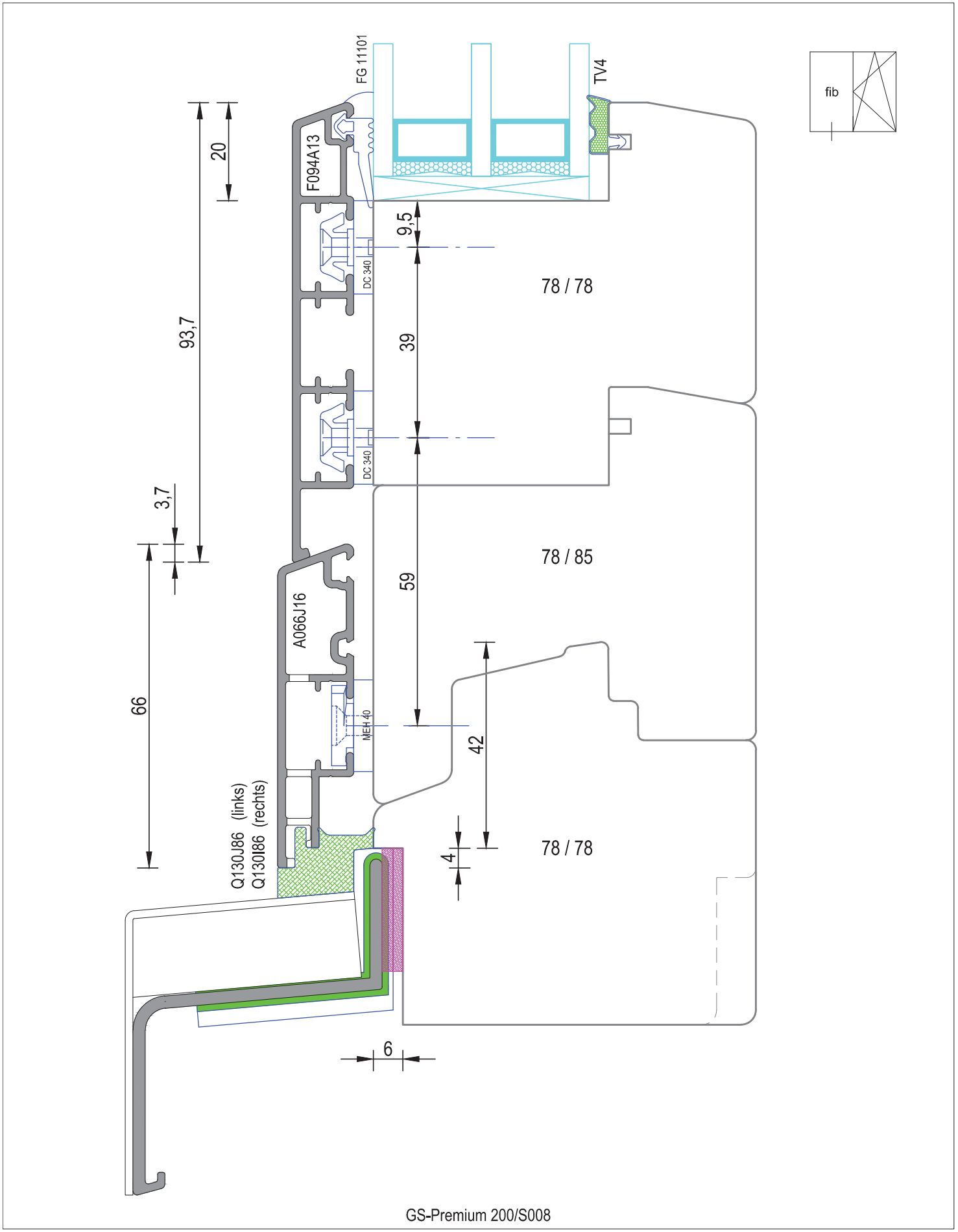
Bottom frame of doors



GS-Premium 200/S007

Rahmen Tür FIB unten

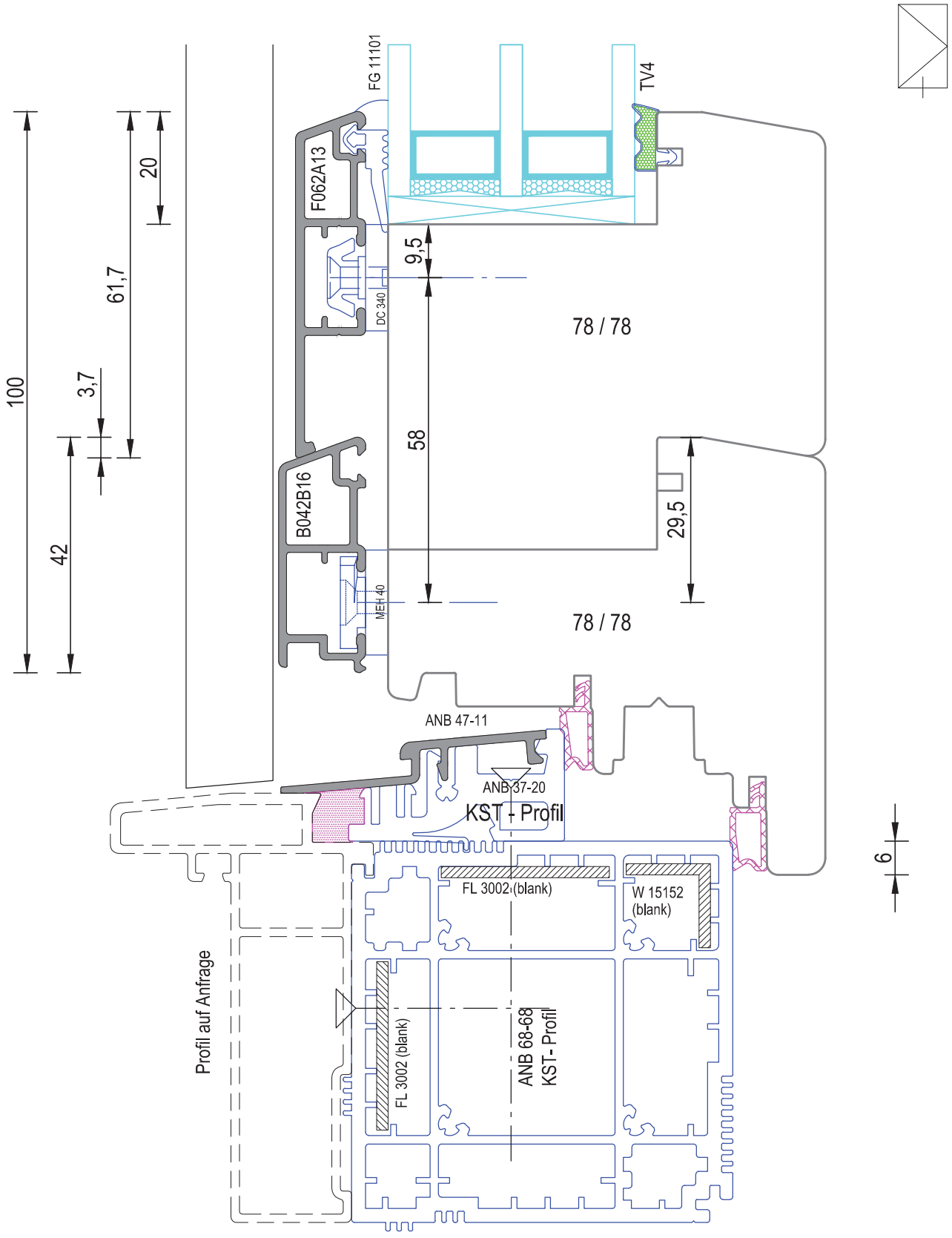
Bottom frame in fixed glazed parts of doors



GS-Premium 200/S008

Rahmen Tür unten mit Schwelle

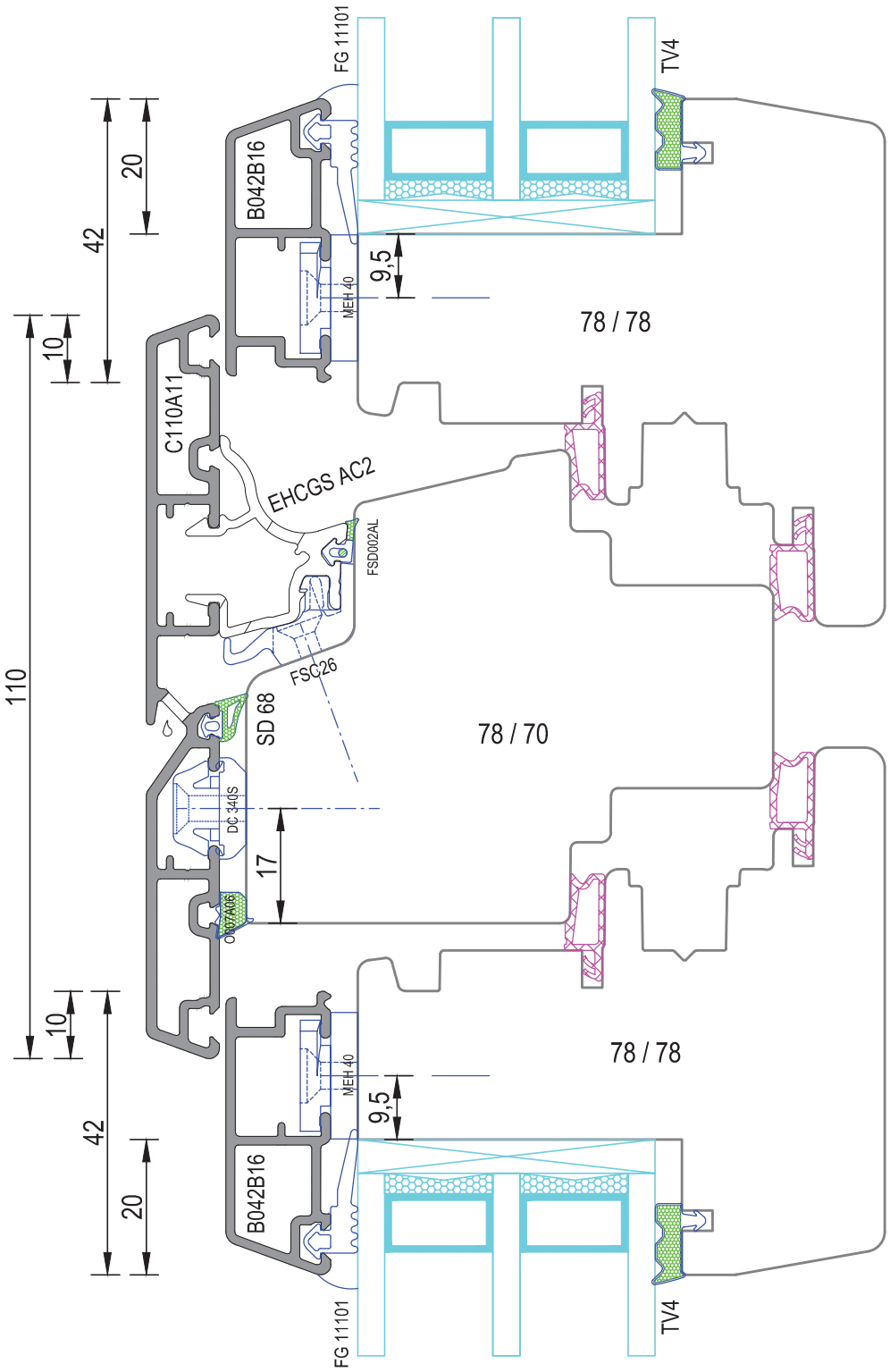
Bottom frame with threshold



GS-Premium 200/S009

Kämpfer DR / DR

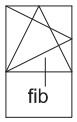
Transom in double sash windows

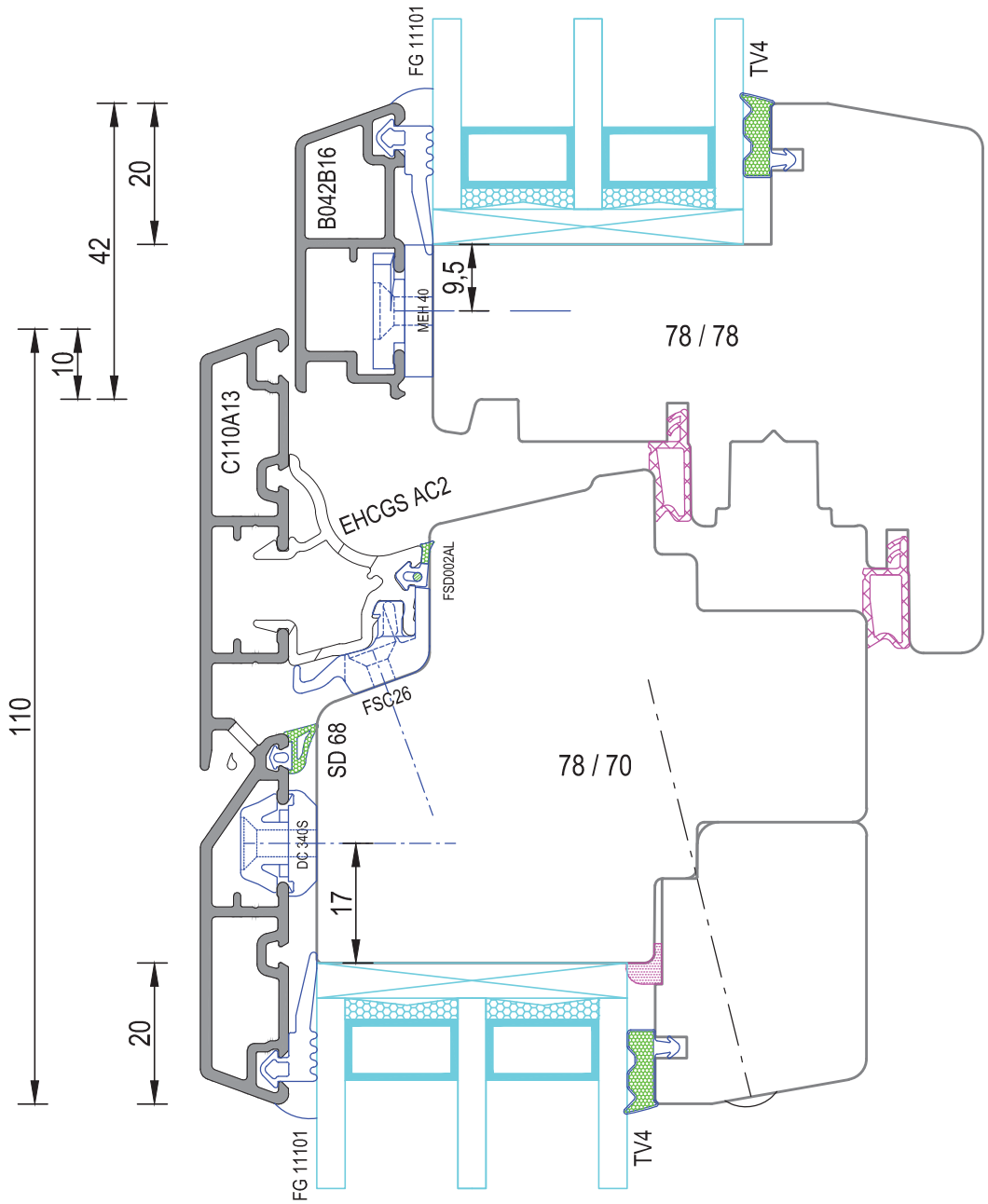


GS-Premium 200/S010

Kämpfer DR / FIB

Transom between sash and fixed glazing



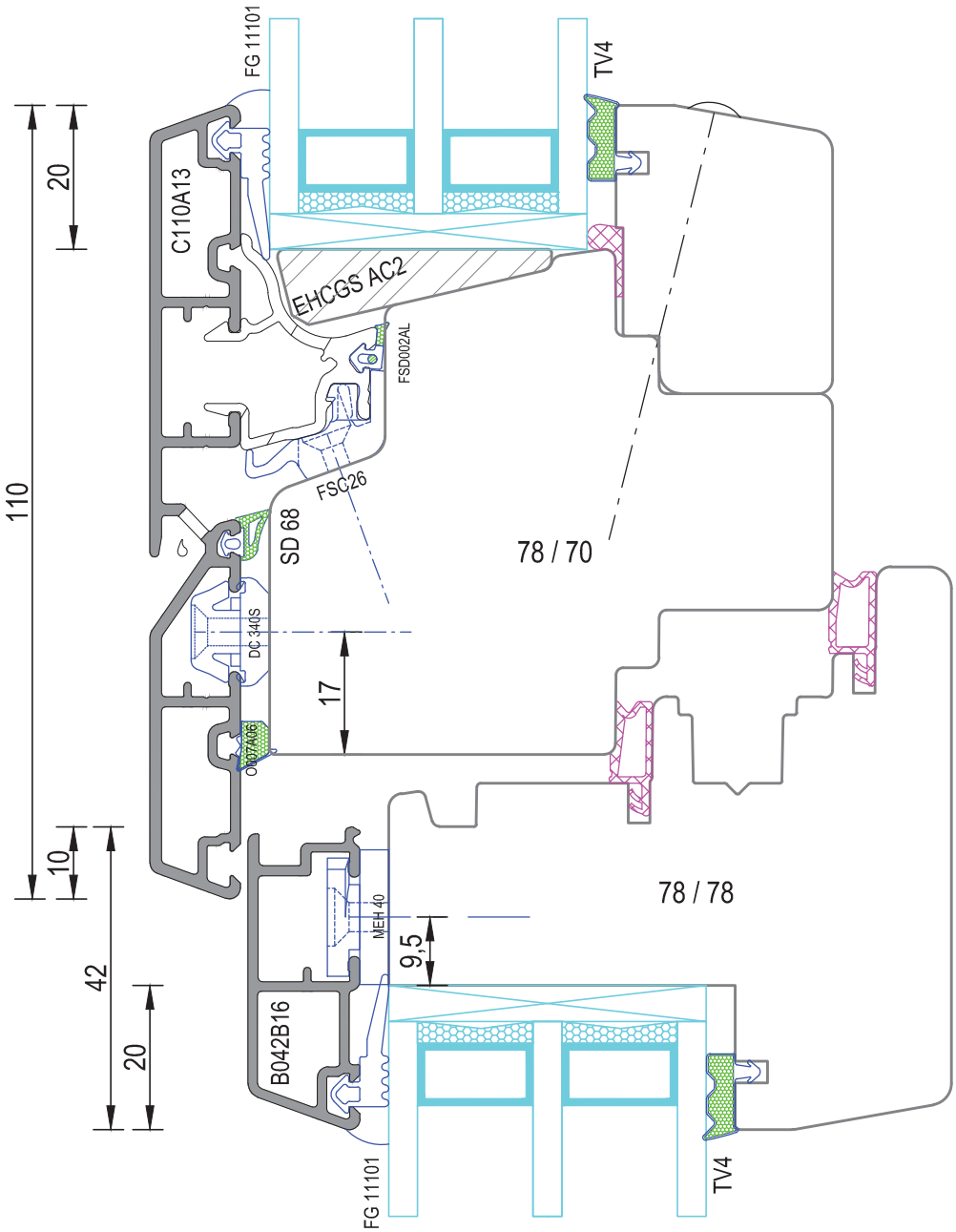


GS-Premium 200/S011

Kämpfer FIB / DR

Transom between sash and fixed glazing

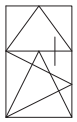
fib

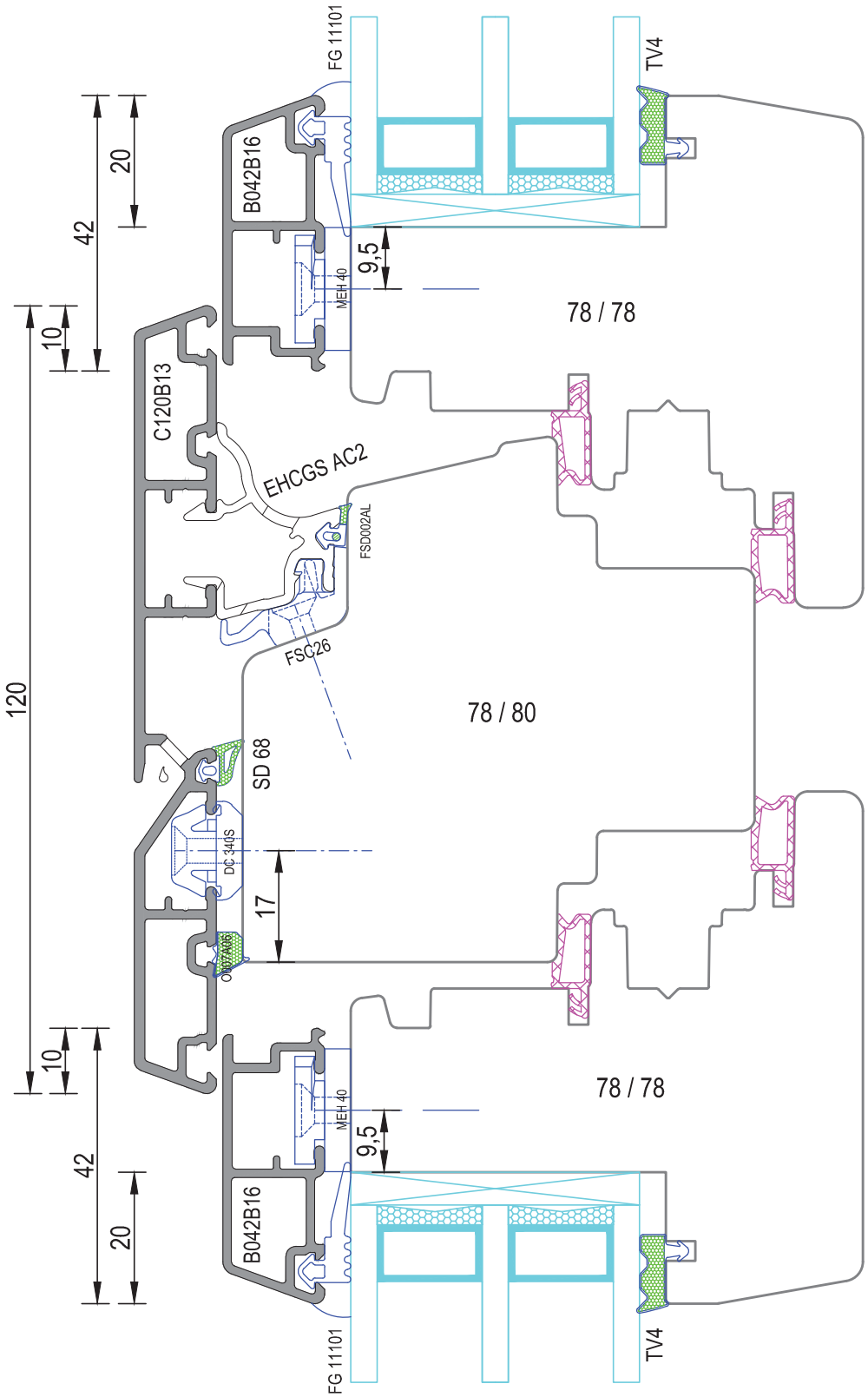


GS-Premium 200/S012

Kämpfer DR / DR

Transom in double sash windows

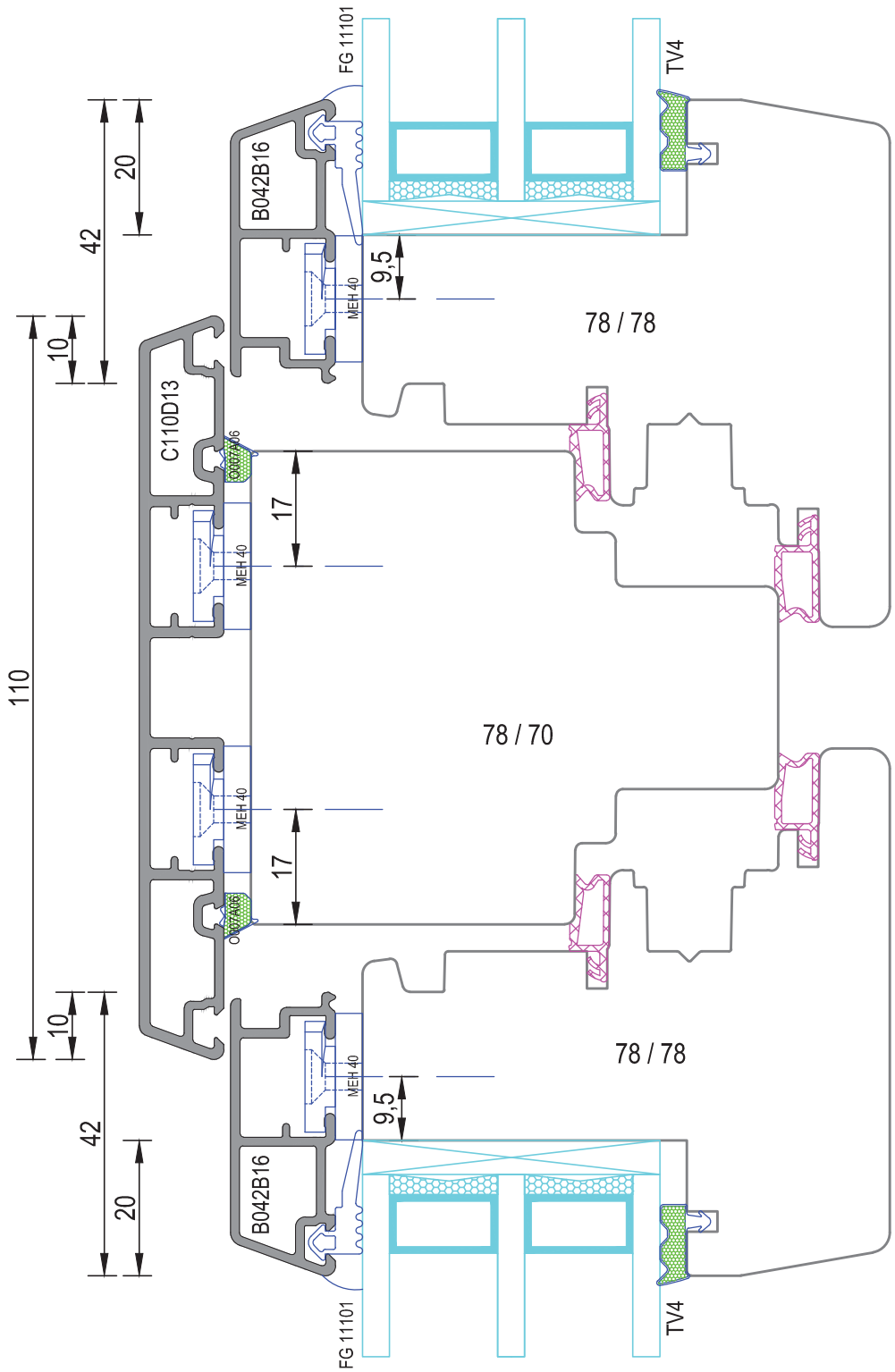




GS-Premium 200/S013

Setzholz DR / DR

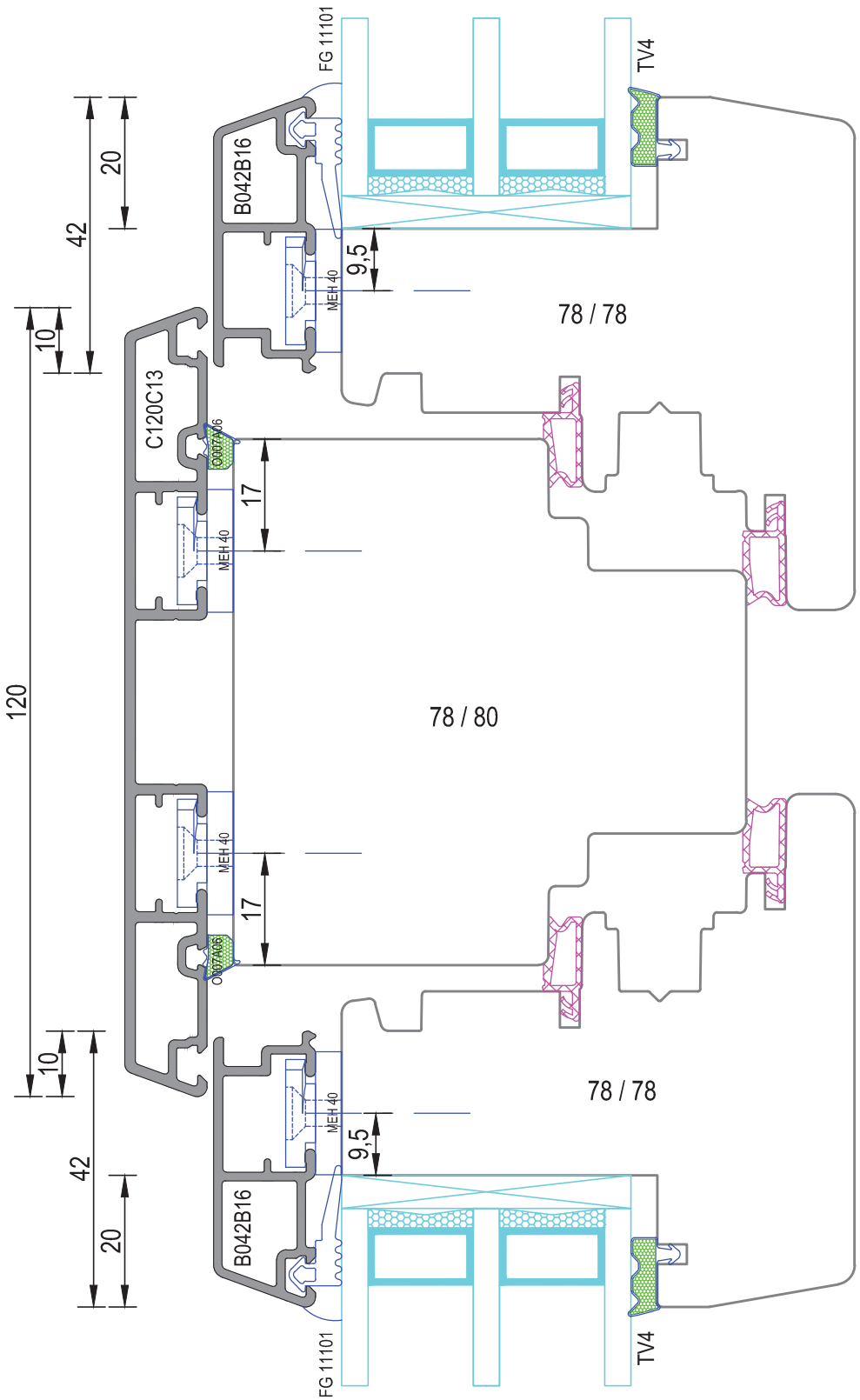
Mullion in double sash windows



GS-Premium 200/S014

Setzholz DR / DR

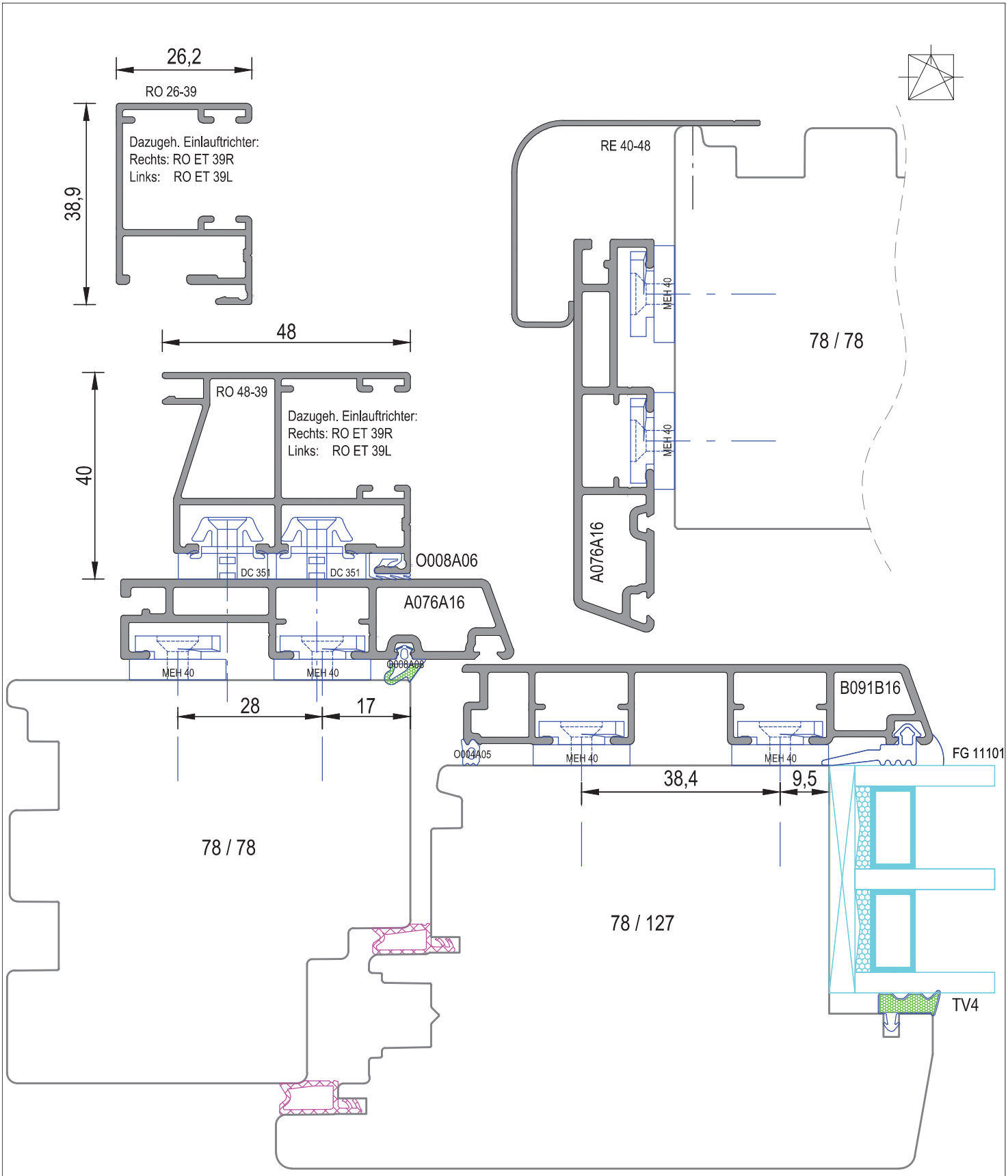
Mullion in double sash windows



GS-Premium 200/S015

Rahmen seitlich Rollladenleisten

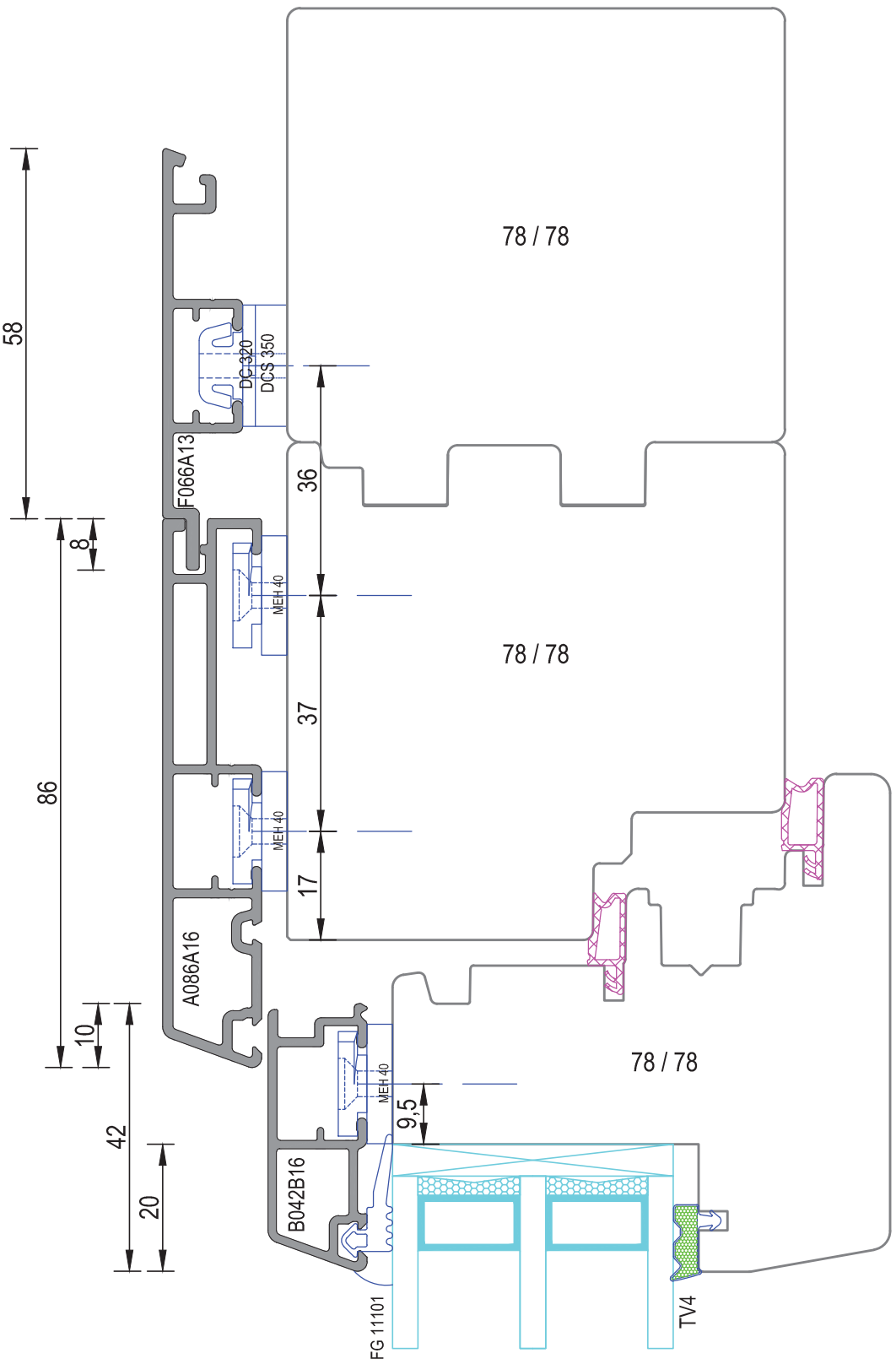
Upright frame with roller shutter rail



GS-Premium 200/S016

Rahmen oben Stockverbreiterung

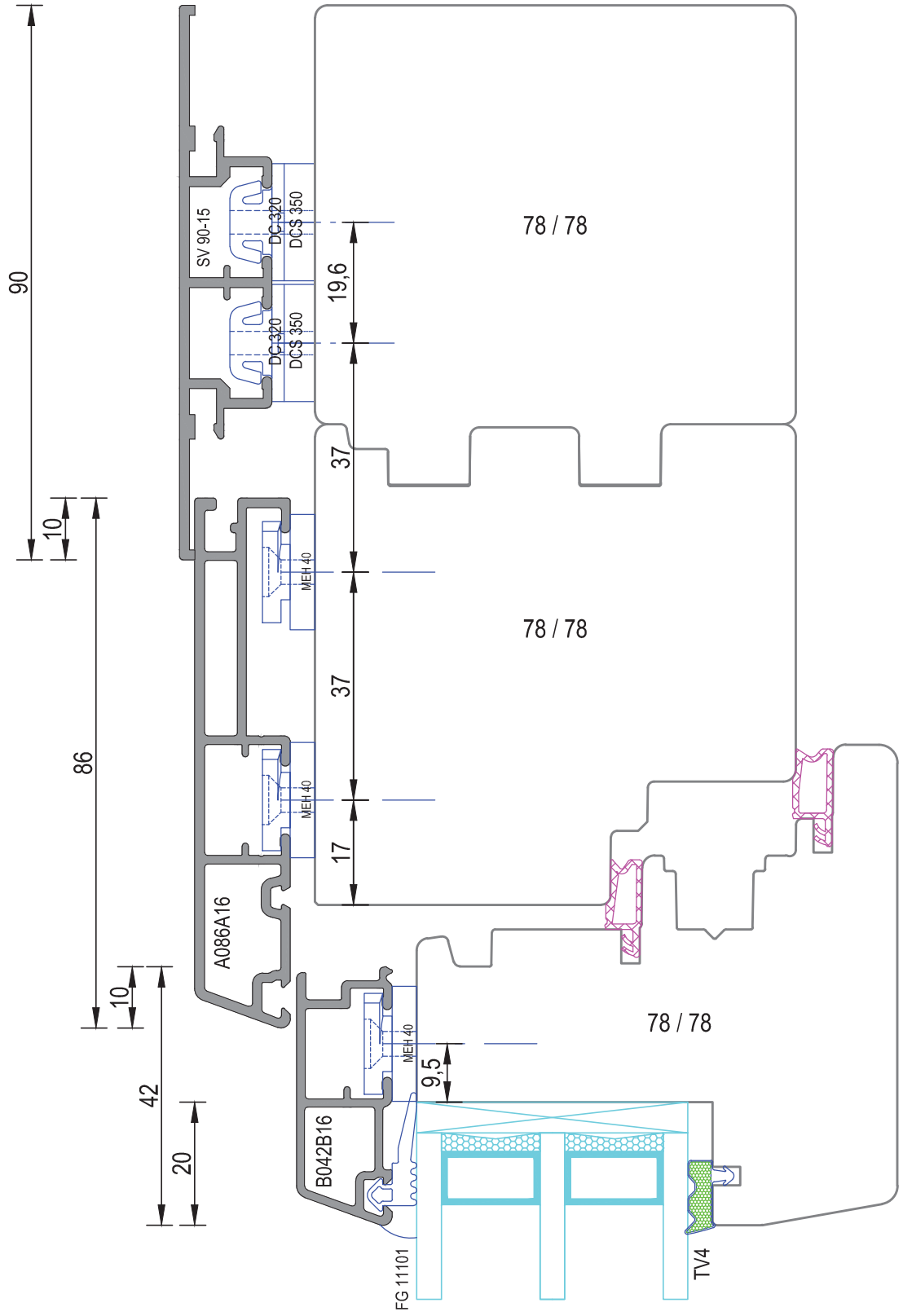
Top frame with extension



GS-Premium 200/S017

Rahmen oben Stockverbreiterung

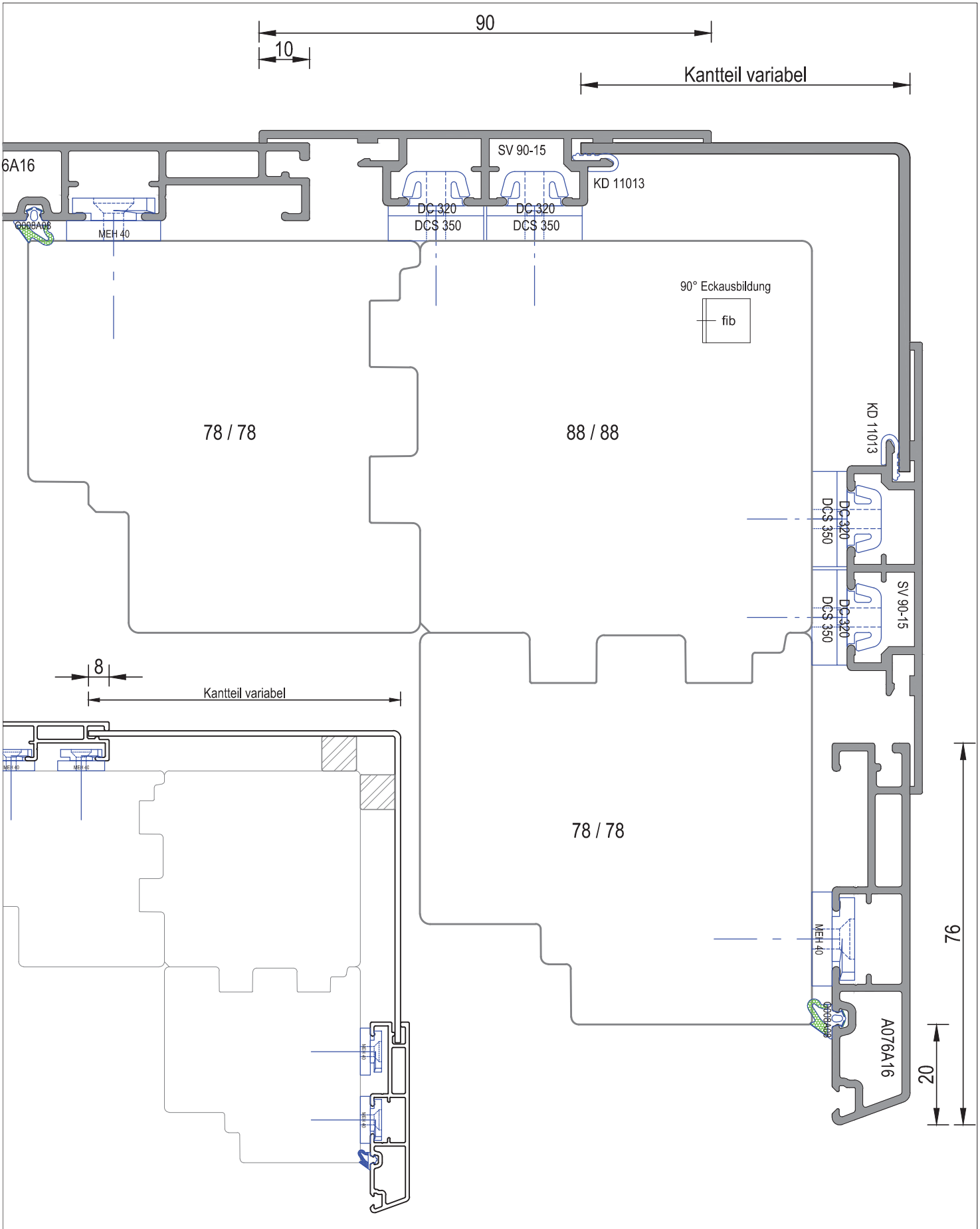
Top frame with extension



GS-Premium 200/S018

Rahmen seitlich Eckausbildung 90°

90° corner connection



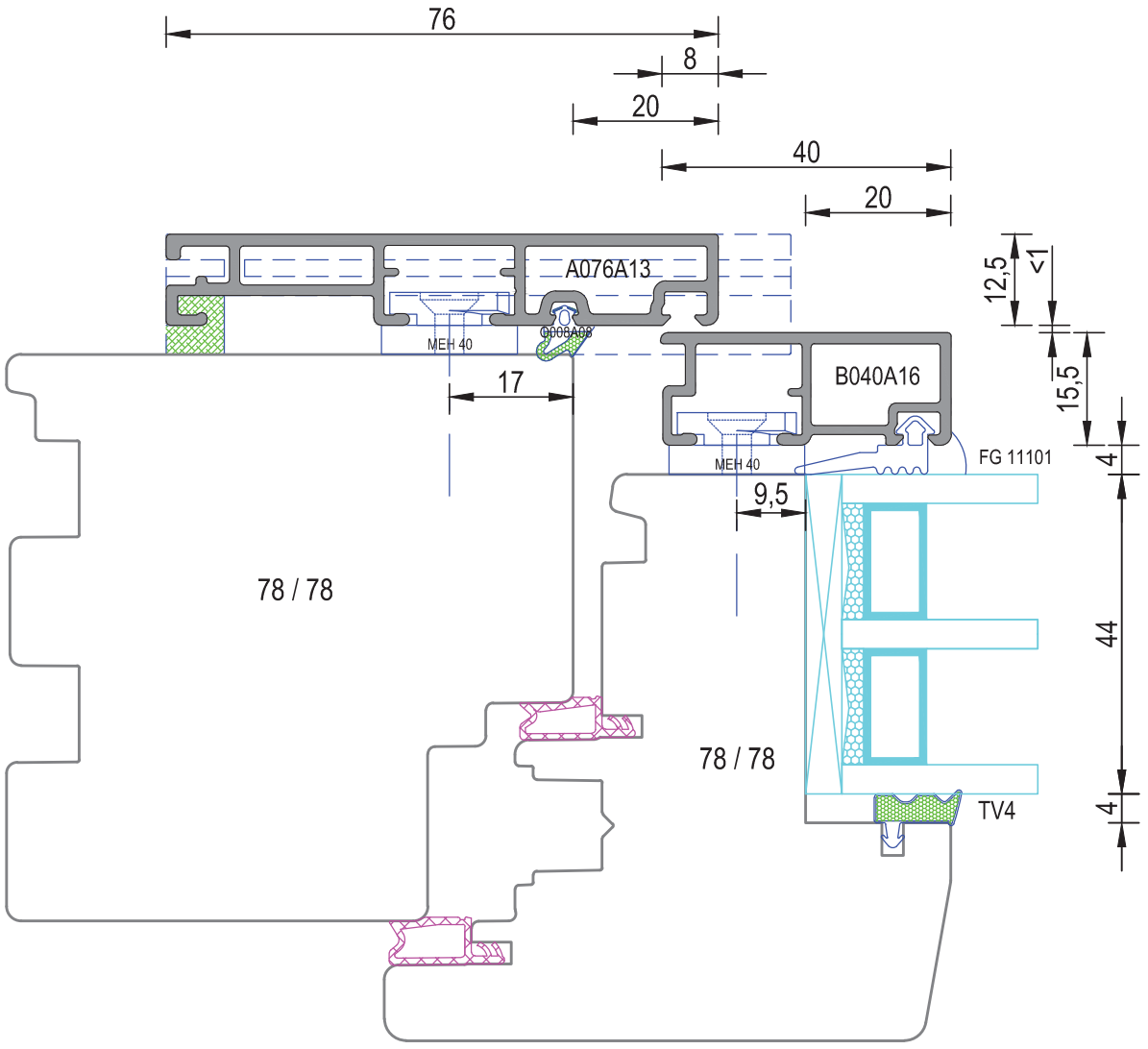
GS-Premium 200/S019

GS-Premium Serie 300 Schnitte

GS-Premium Series 300 cross sections

Rahmen Fenster seitlich & oben

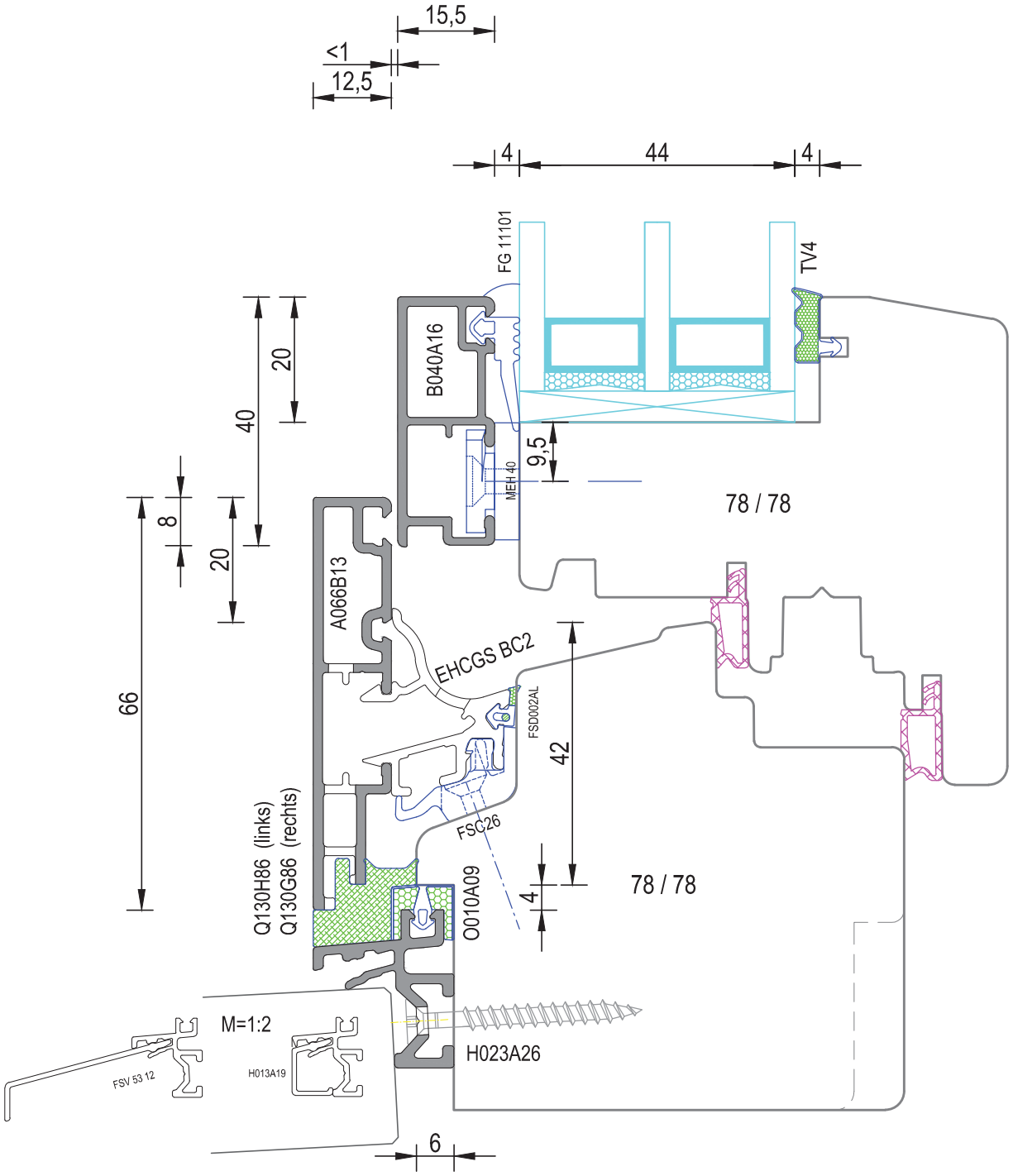
Upright and top frames



GS-Premium 300/S001

Rahmen Fenster seitlich & oben

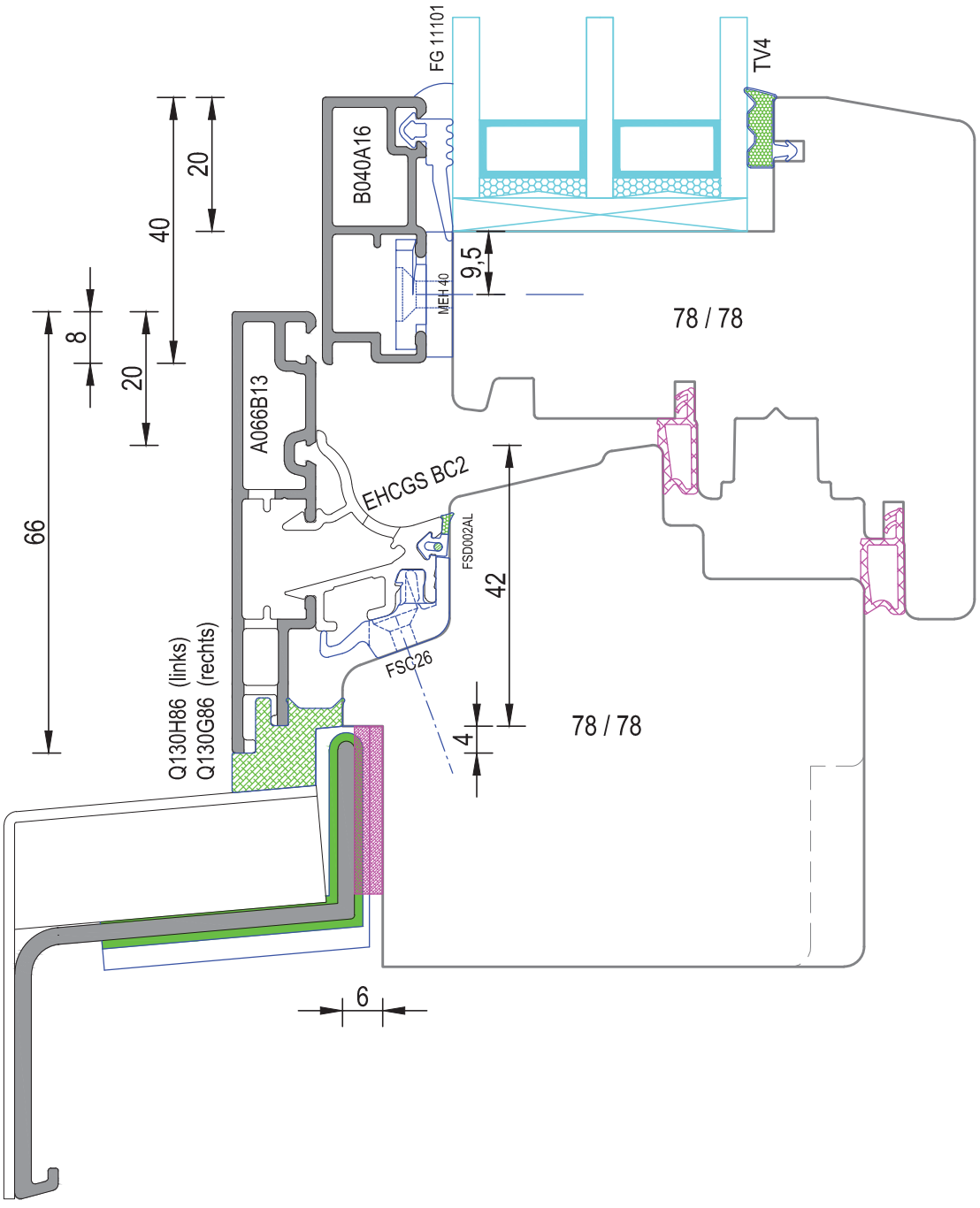
Upright and top frames



GS-Premium 300/S002

Rahmen Fenster unten

Bottom frame

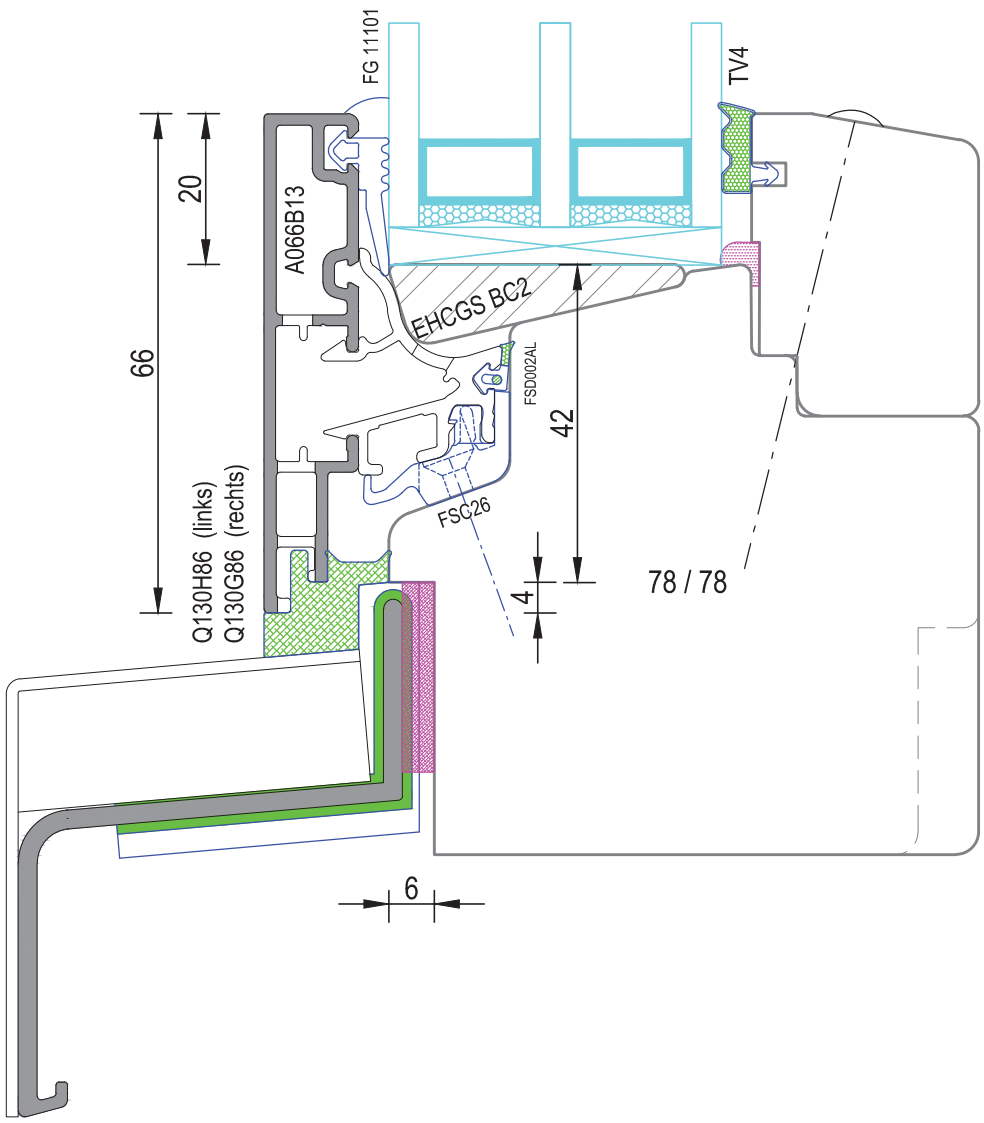


GS-Premium 300/S003

Rahmen FIB unten

Bottom frame in fixed glazing

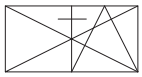
fib

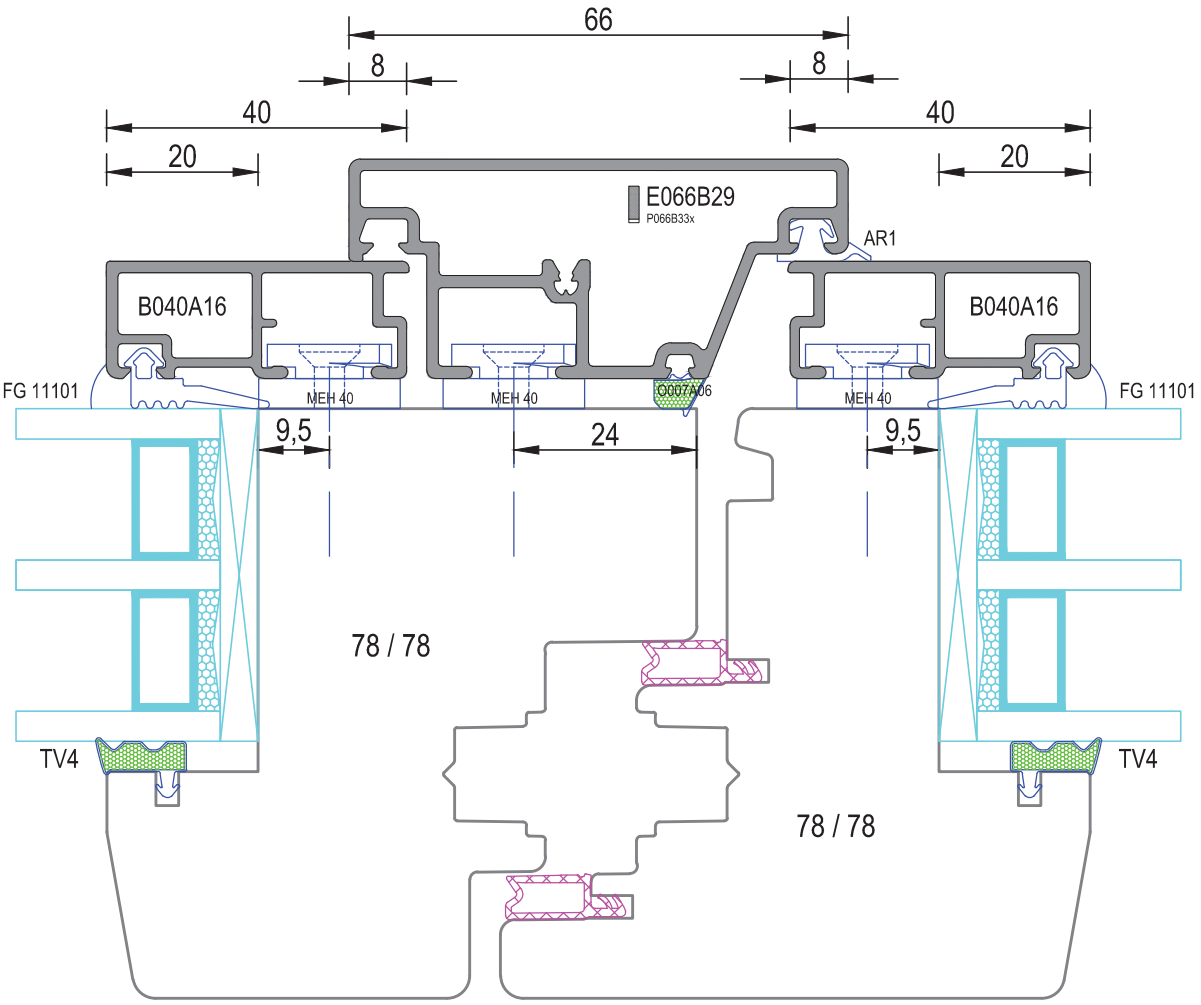


GS-Premium 300/S004

Stulp

Adjoining profile

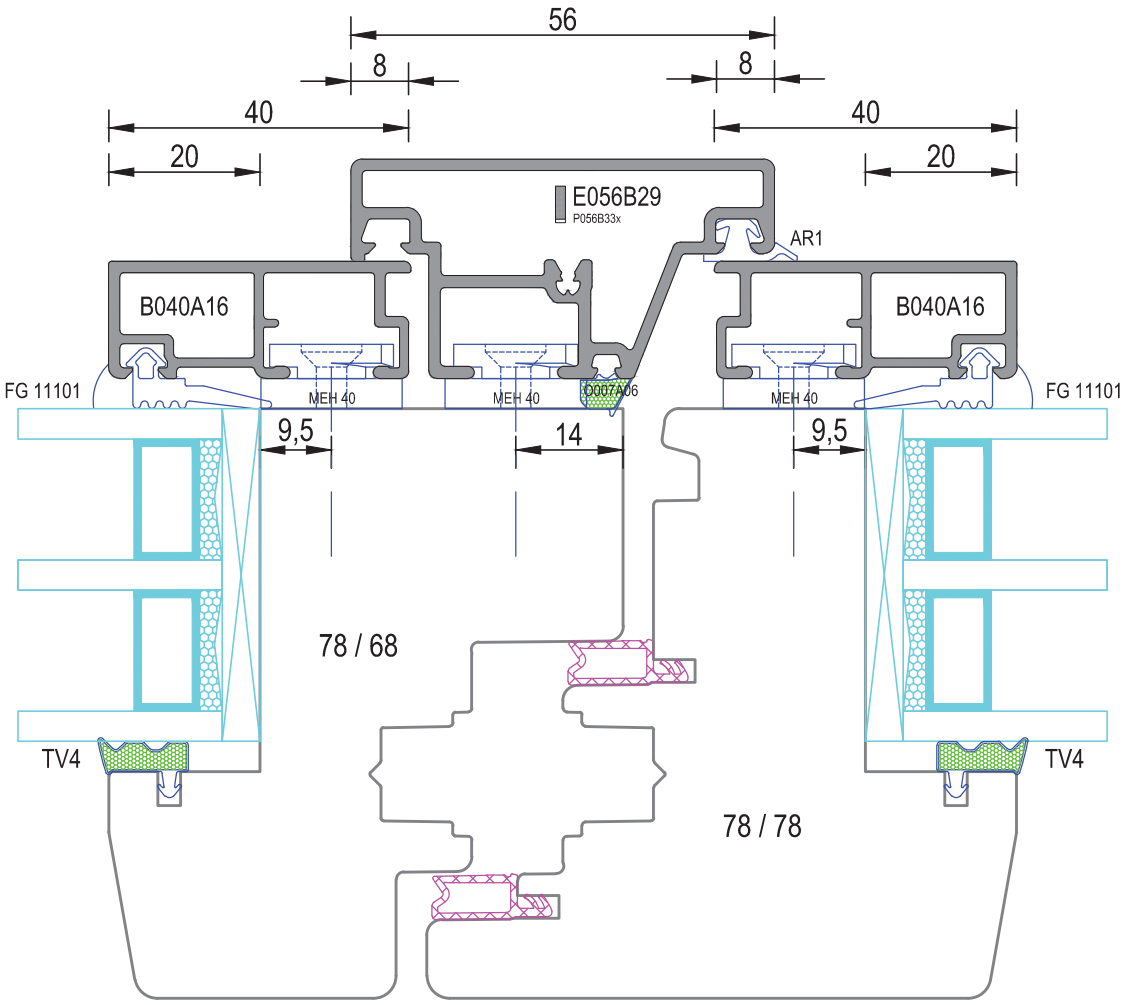




GS-Premium 300/S005

Stulp

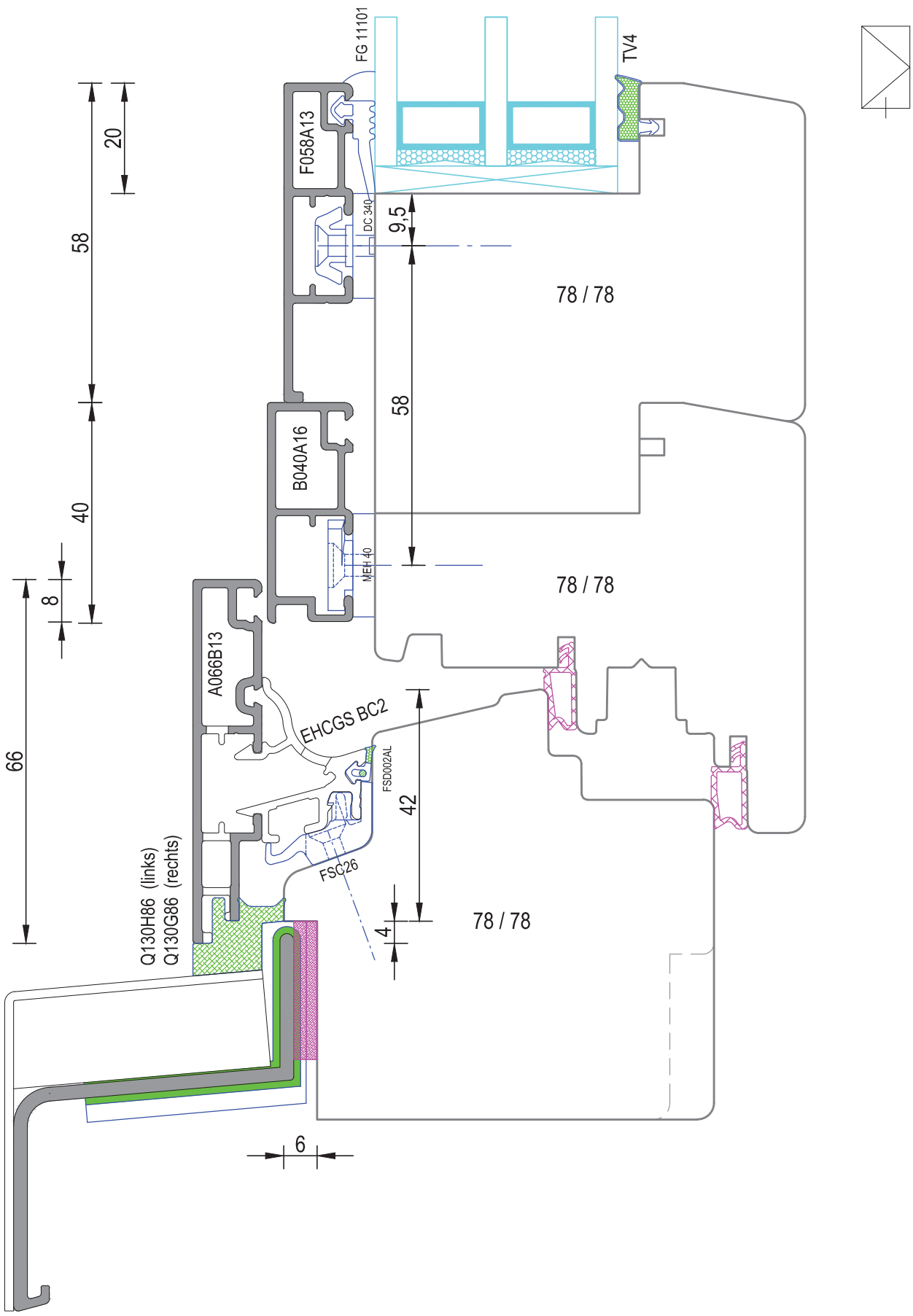
Adjoining profile



GS-Premium 300/S006

Rahmen Tür unten

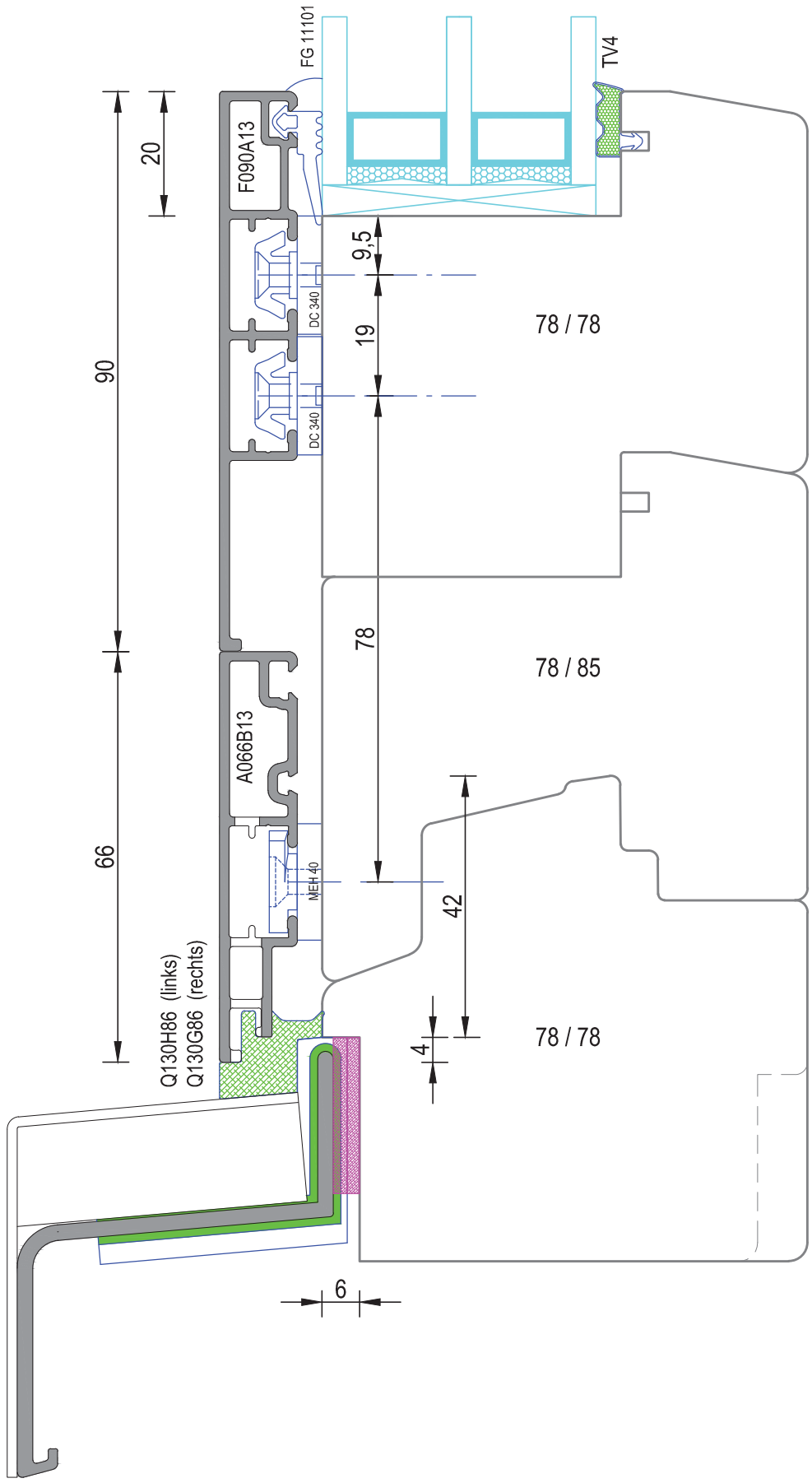
Bottom frame of doors



GS-Premium 300/S007

Rahmen Tür FIB unten

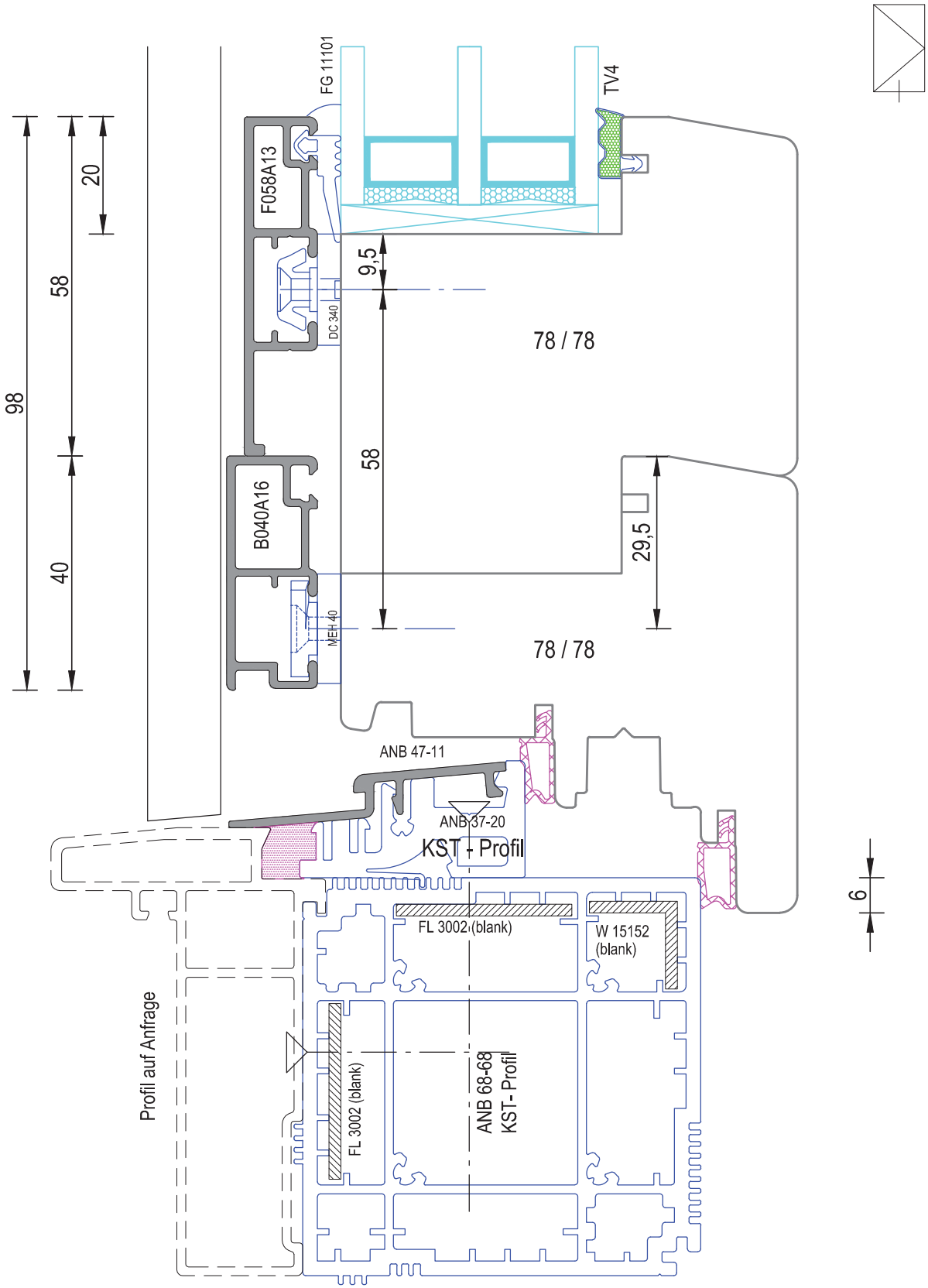
Bottom frame in fixed glazed parts of doors



GS-Premium 300/S008

Rahmen Tür unten mit Schwelle

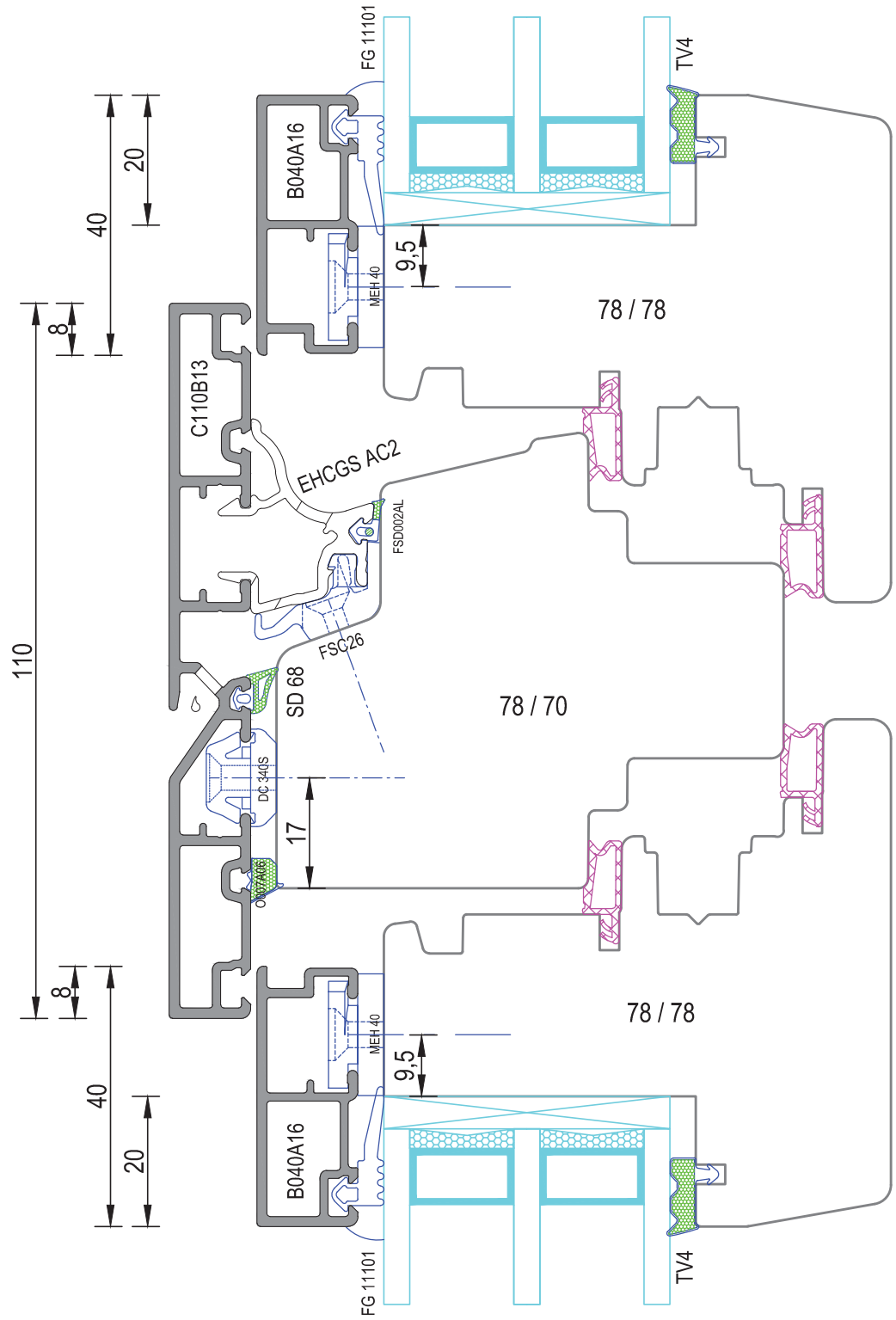
Bottom frame with threshold



GS-Premium 300/S009

Kämpfer DR / DR

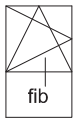
Transom in double sash windows

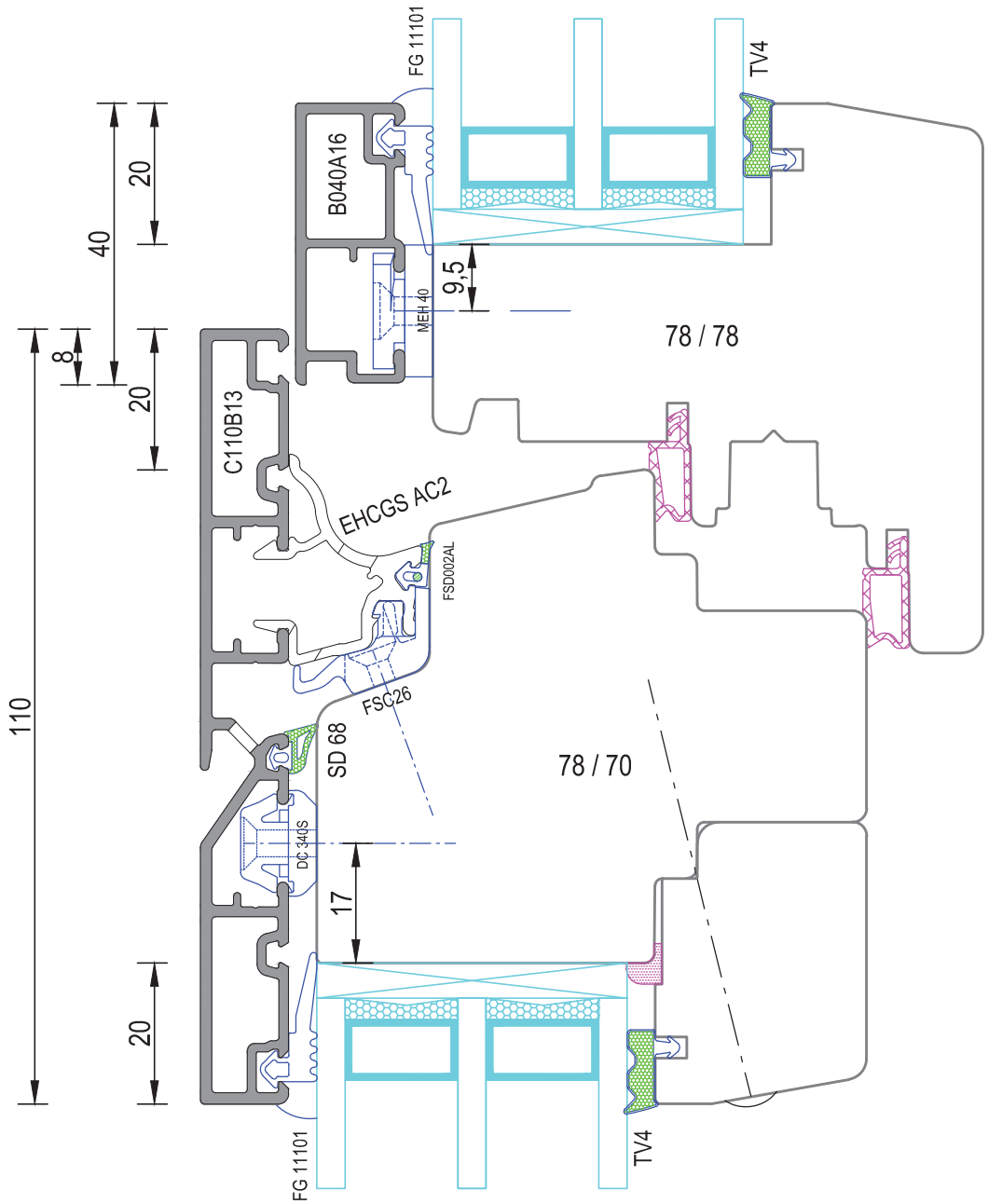


GS-Premium 300/S010

Kämpfer DR / FIB

Transom between sash and fixed glazing

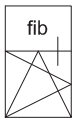


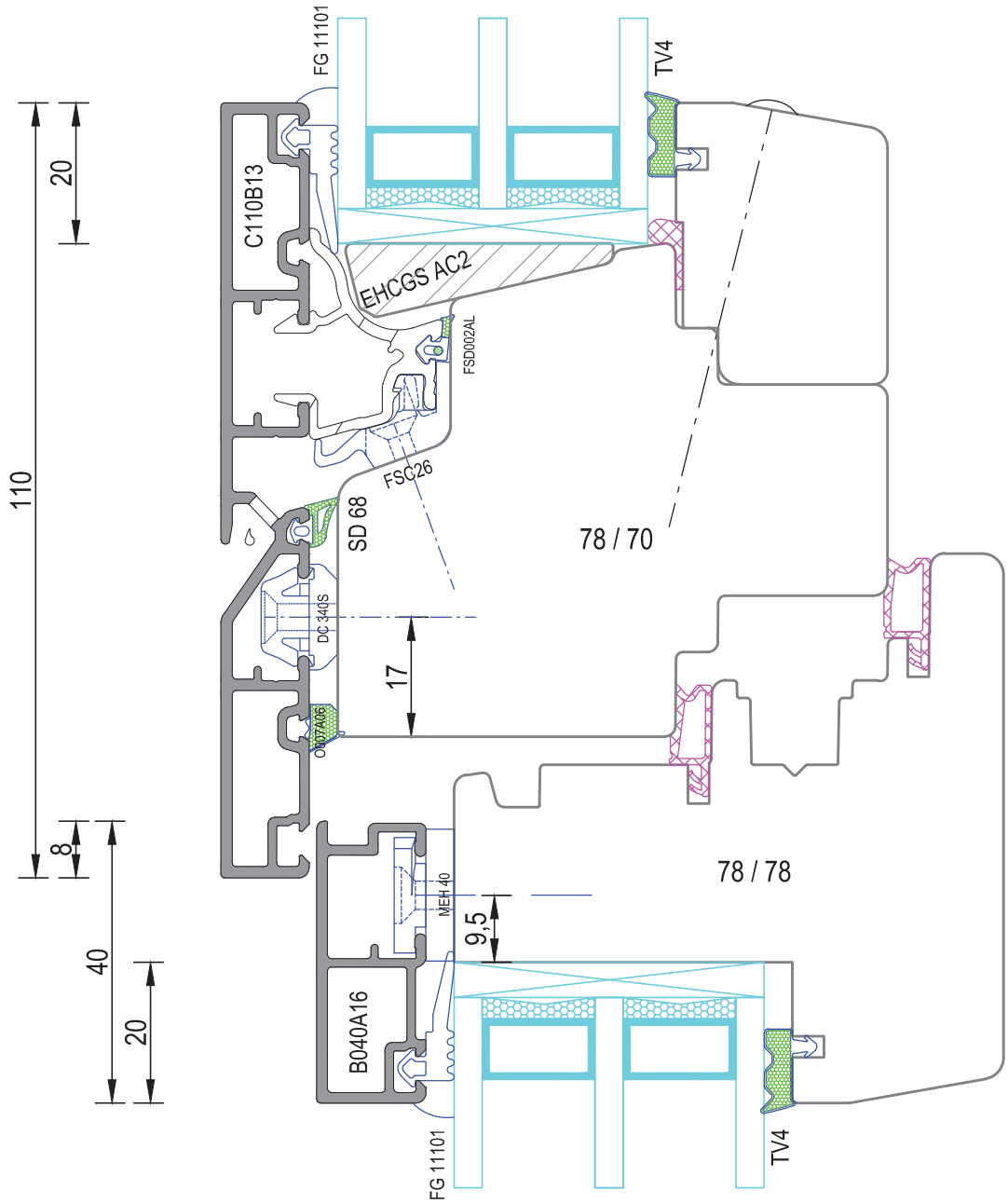


GS-Premium 300/S011

Kämpfer FIB / DR

Transom between sash and fixed glazing

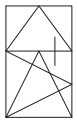


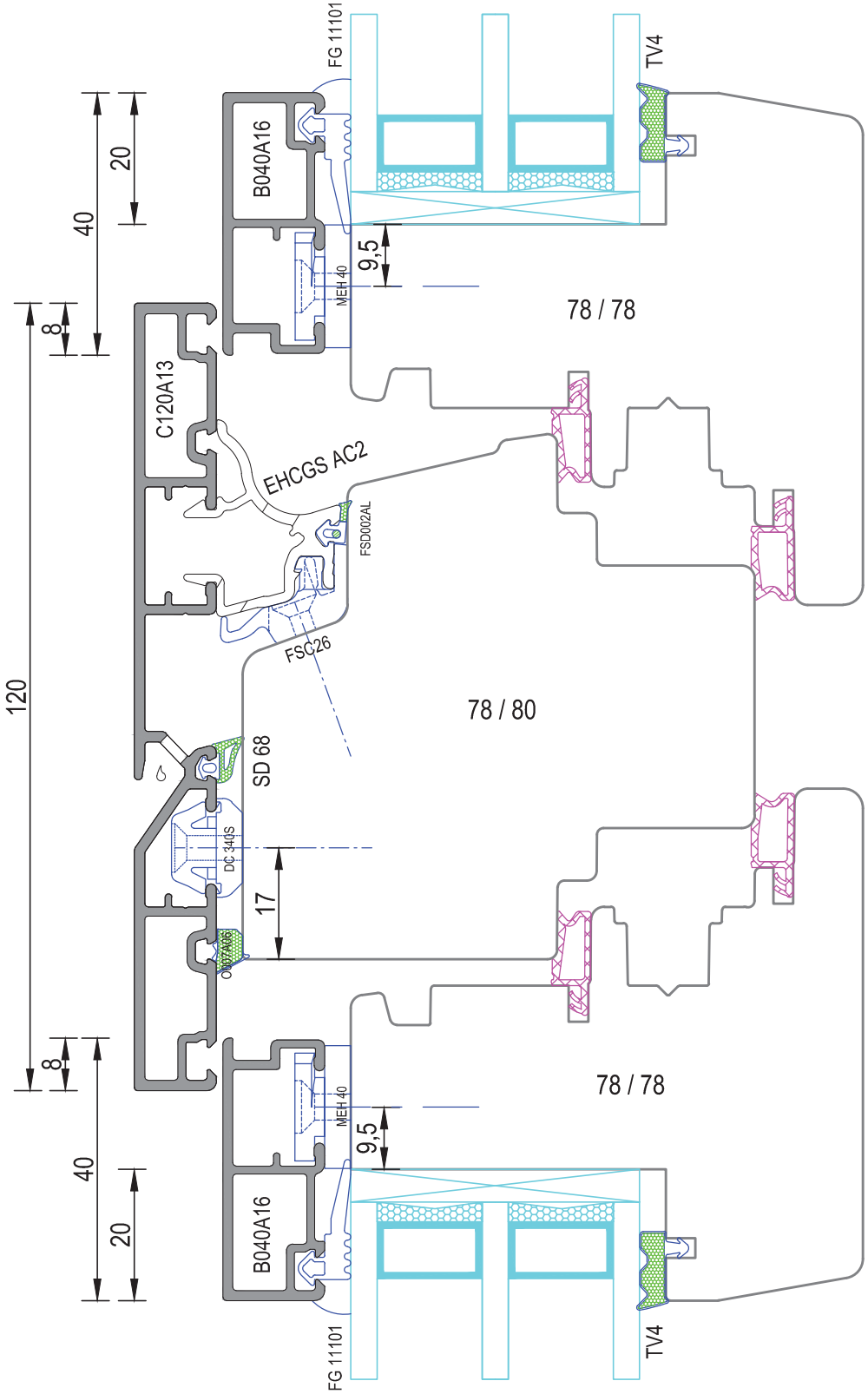


GS-Premium 300/S012

Kämpfer DR / DR

Transom in double sash windows

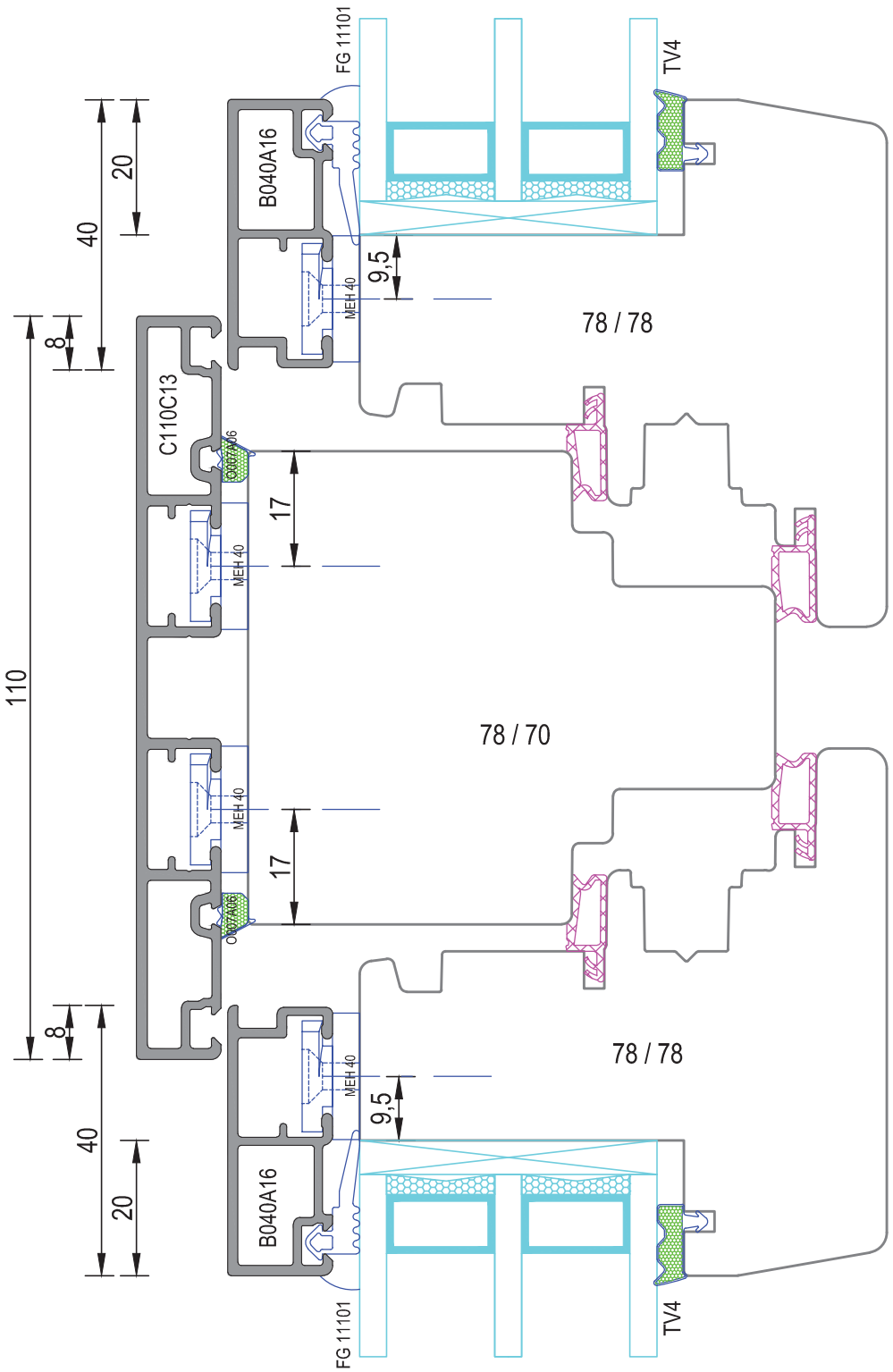




GS-Premium 300/S013

Setzholz DR / DR

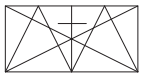
Mullion in double sash windows

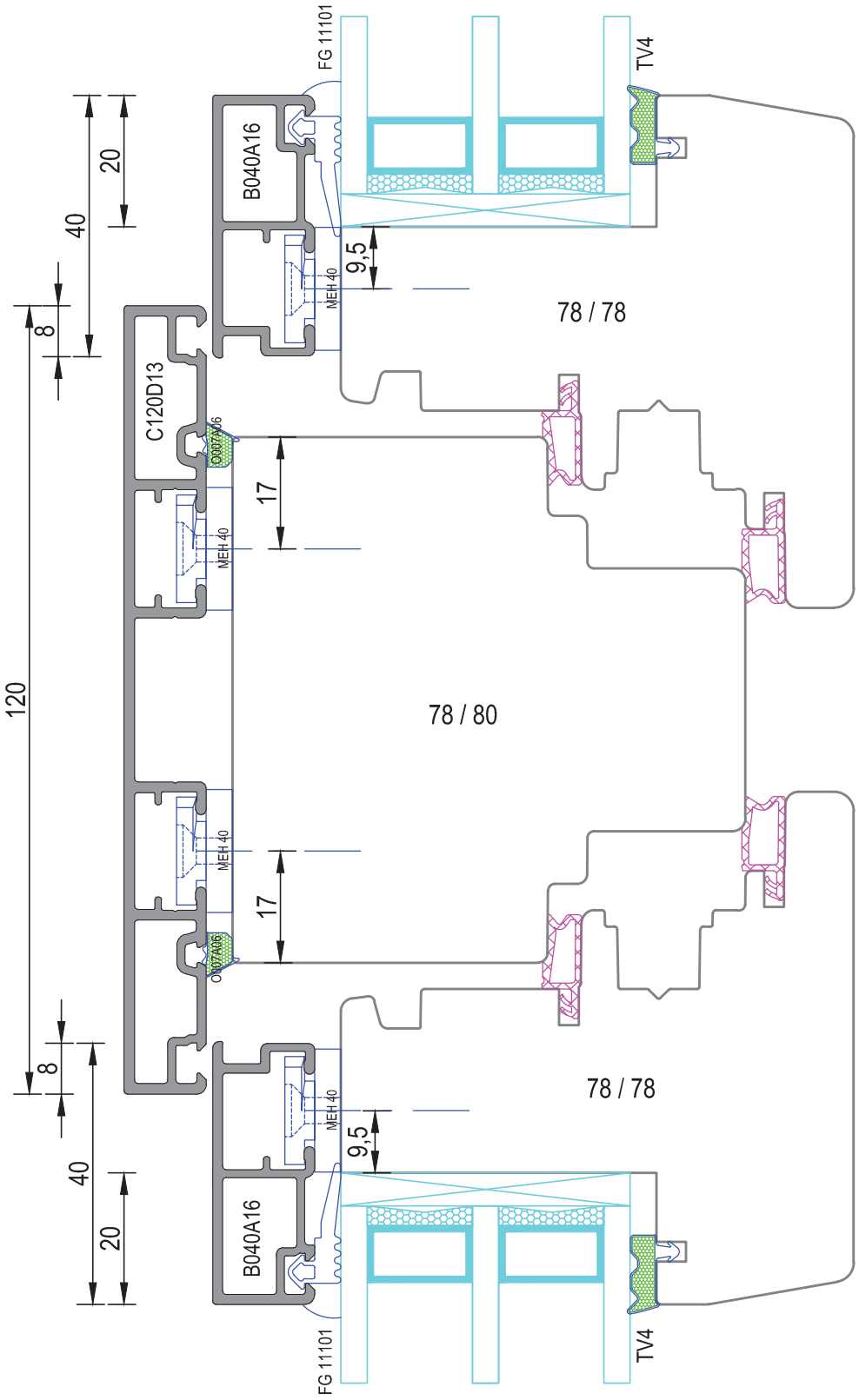


GS-Premium 300/S014

Setzholz DR / DR

Mullion in double sash windows

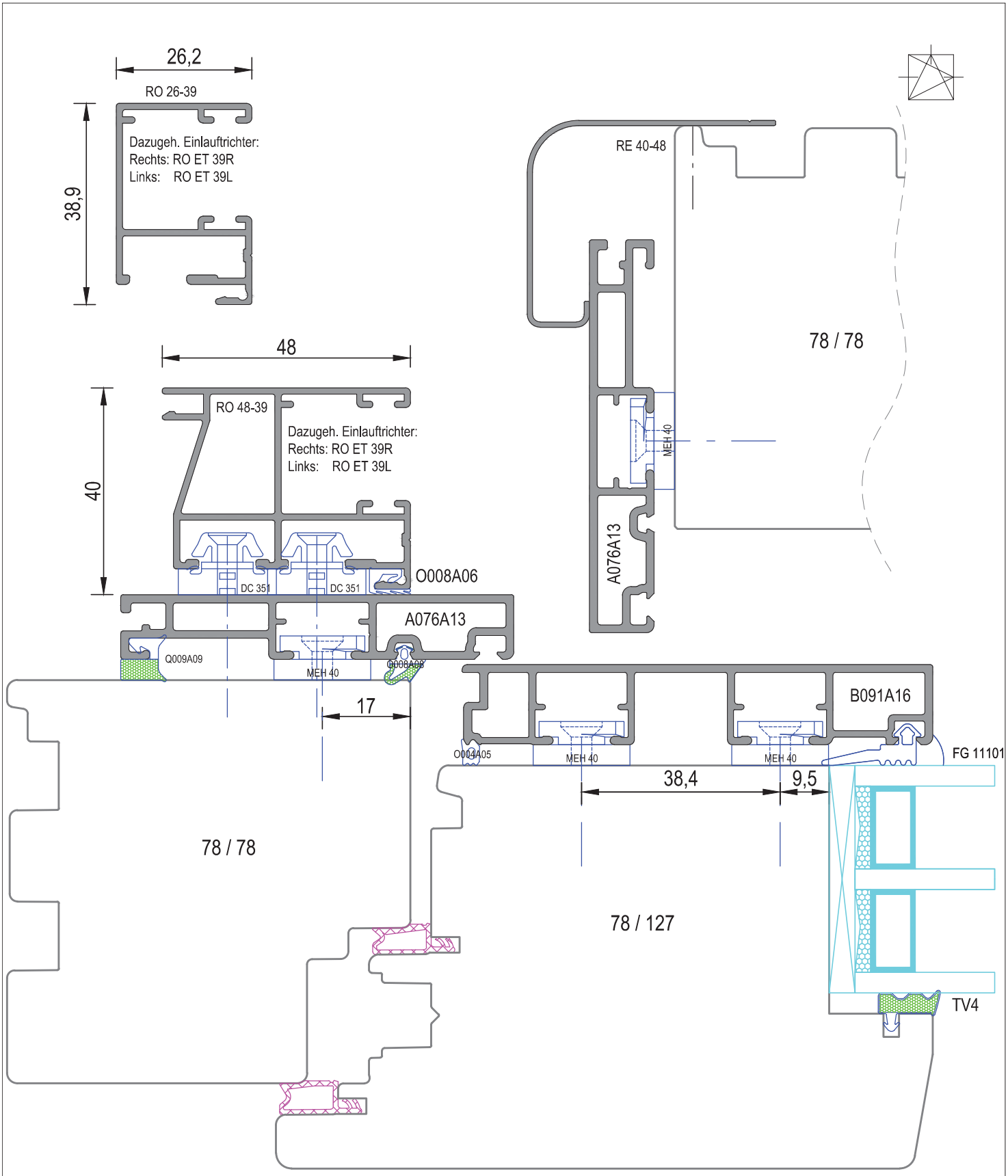




GS-Premium 300/S015

Rahmen seitlich Rollladenleisten

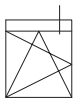
Upright frame with roller shutter rail

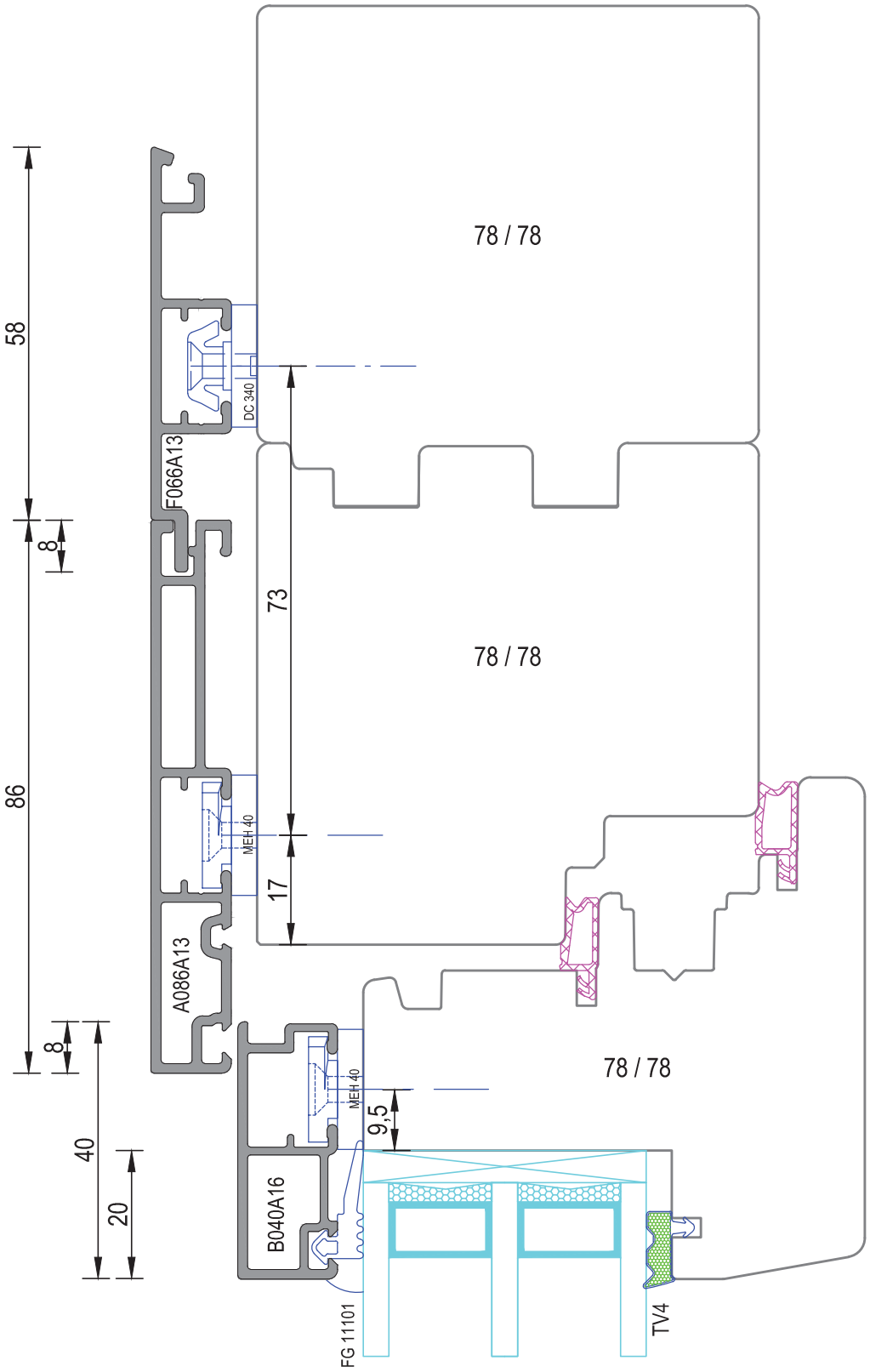


GS-Premium 300/S016

Rahmen oben Stockverbreiterung

Top frame with extension

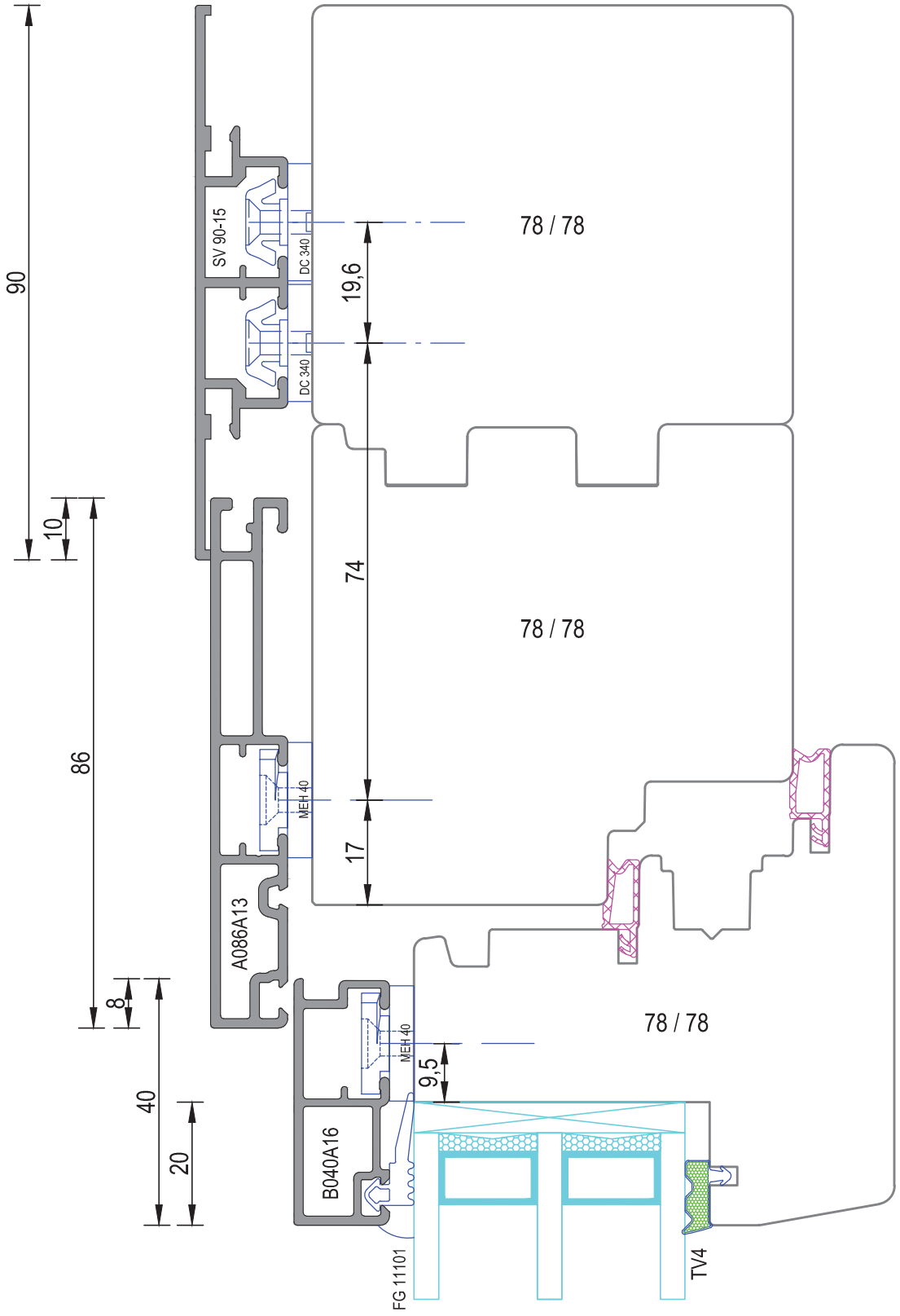




GS-Premium 300/S017

Rahmen oben Stockverbreiterung

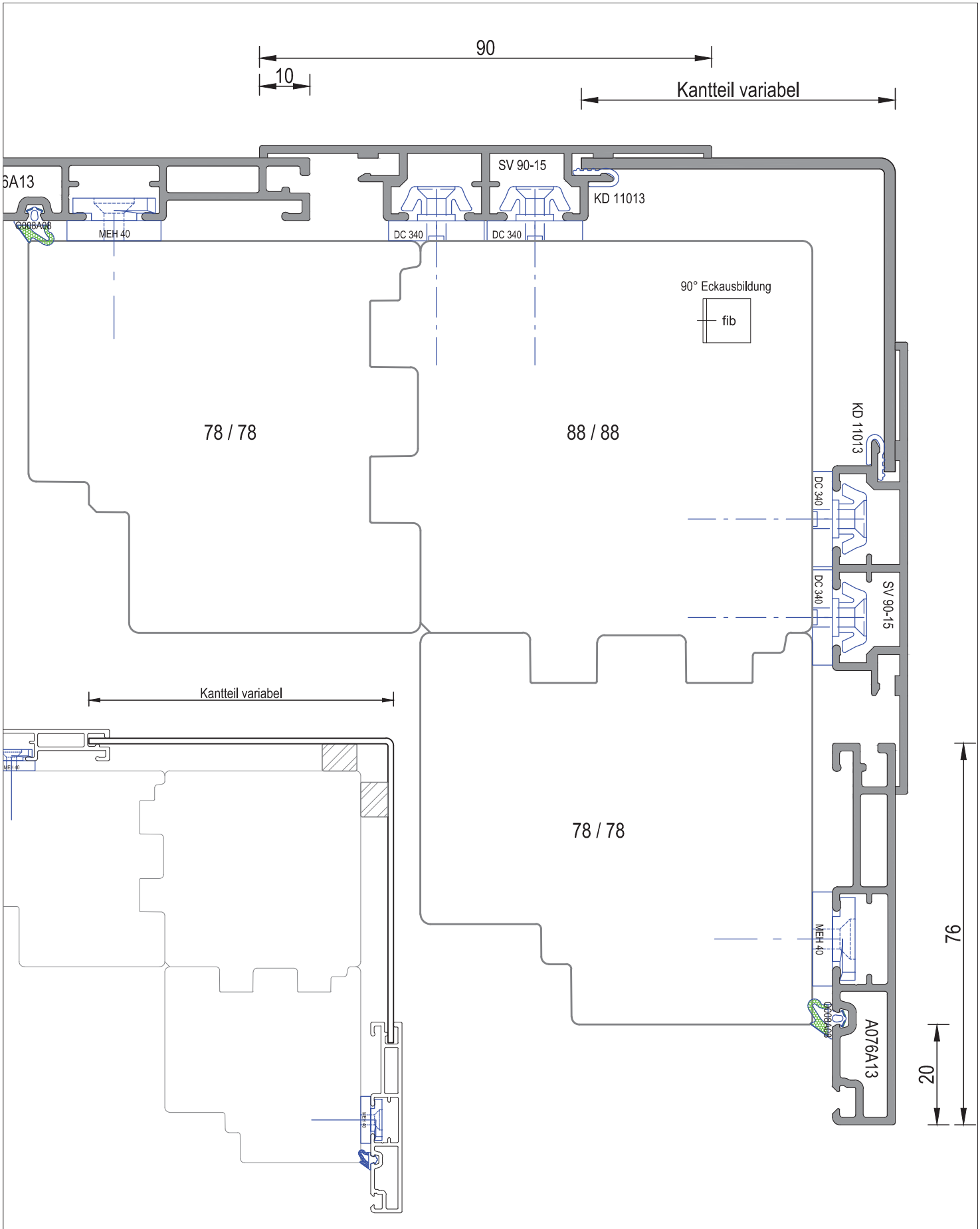
Top frame with extension



GS-Premium 300/S018

Rahmen seitlich Eckausbildung 90°

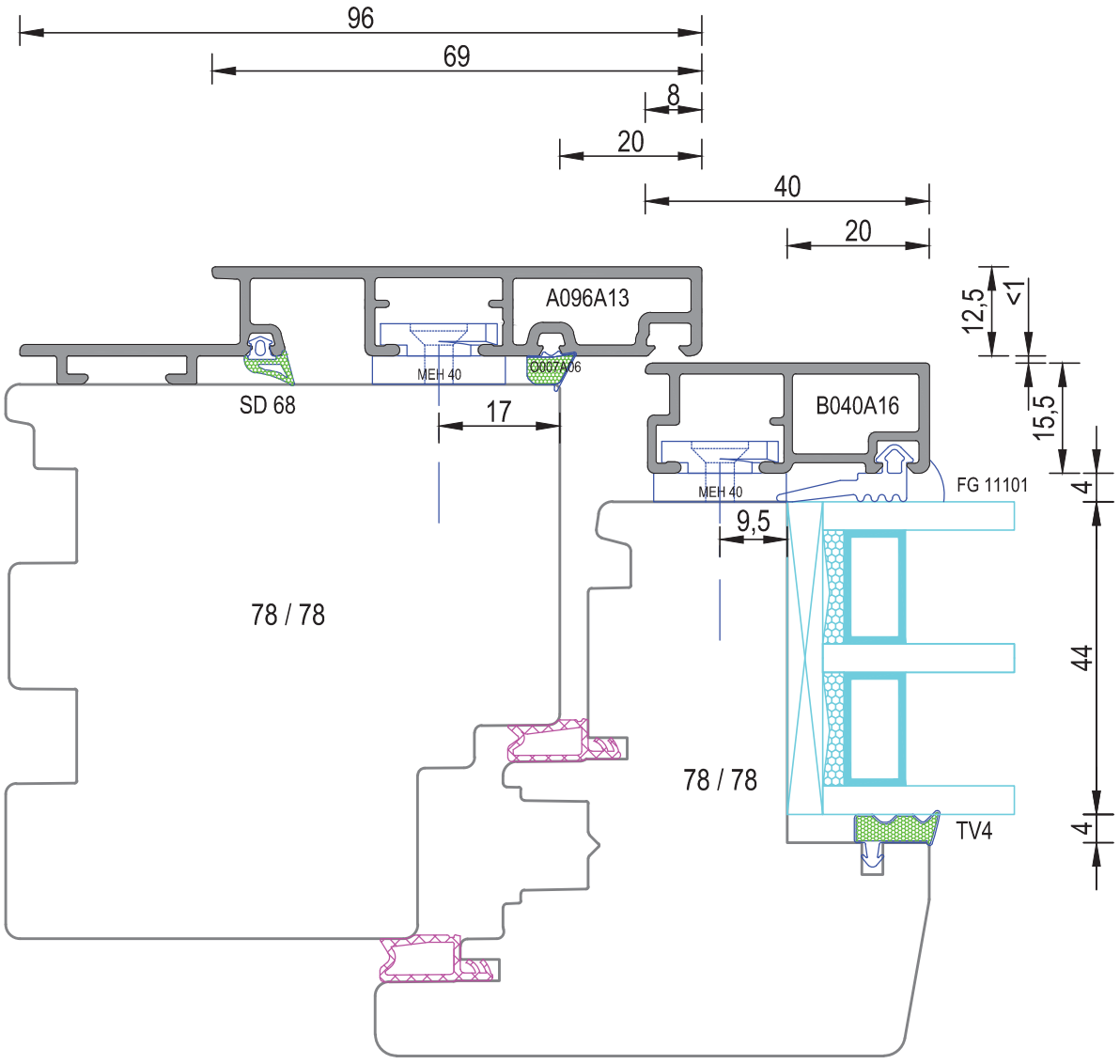
90° corner connection



GS-Premium 300/S019

Einsatzrahmen seitlich u. oben in Pfosten- Riegelfassade

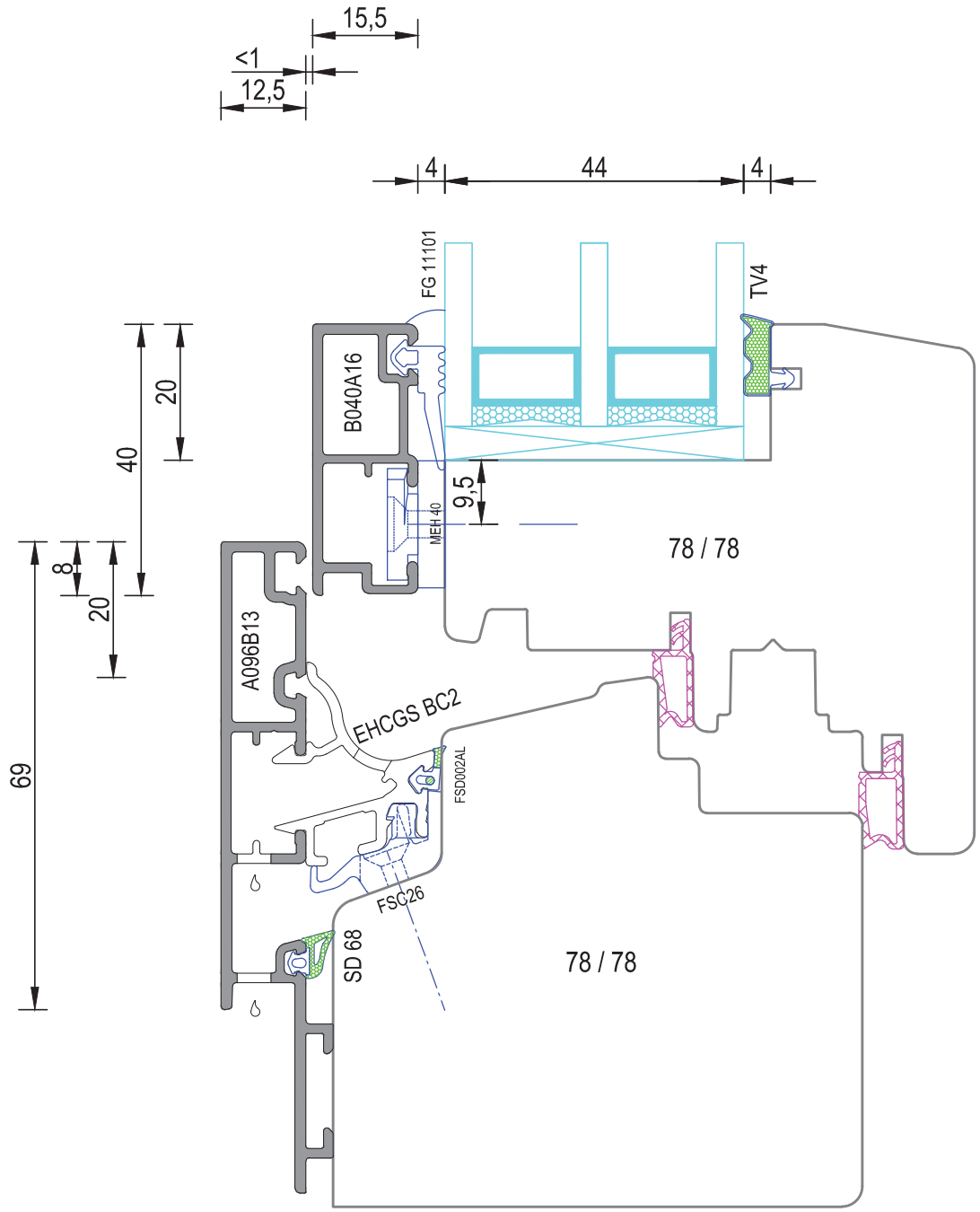
Upright and top insert frame into curtain wall constructions



GS-Premium 300/S020

Einsatzrahmen seitlich u. oben in Pfosten- Riegelfassade

Upright and top insert frame into curtain wall constructions



GS-Premium 300/S021