

TECHNICAL CATALOG

Aluminum Door Window And Facade System



Frame width size: 60 mm

Sash width size: 61.6 mm

Profile wall thickness: 1.6-1.7 mm

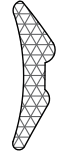



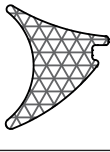
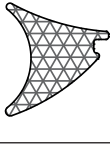
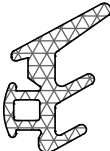

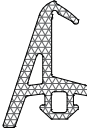
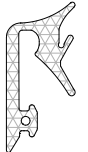
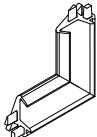
Frame polyamide size: 24 mm

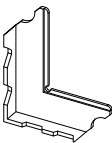
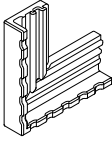
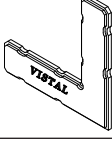
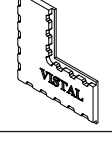
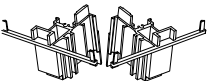
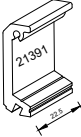
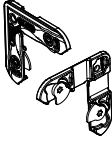
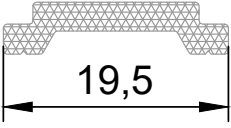

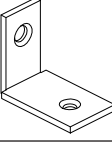
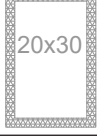

Sash polyamide size: 20 mm

Sash glass thickness: 22-30 mm

Sash maximum weight: 120 kg

FH89S9

	Shape	Codee	Description
		G1002	inner glazing gasket
CS59		G1003	inner glazing gasket
CS68		G1004	inner glazing gasket
CS68F		G1005	inner glazing gasket
CS68H		G1006	inner glazing gasket
CS77		G1007	inner glazing gasket
CS77H		mo68	outer glazing gasket
MASTERLINE8		mo60	sash gasket
SLIMLINE38		G300-179	gasket for open joint
S560		G300-107	glazing gasket
S560 Mono		2000-104	corner gasket for open joint

Shape	Codee	Description
	MO20	corner alignment
	2000-111	corner alignment
	560-1001	corner alignment
	2000-106	corner alignment
	2000-109	adapter cover
	2000-105	T joint
	2000-108	T joint connection
	rod profile	rod profile
	2000-100	T profil adapter caps
	P100	T joint fixing
	PVC257	pvc profiles
	water recekt cover	water recekt cover

CS59

CS68

CS68F

CS68H

CS77

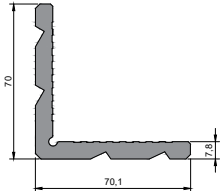
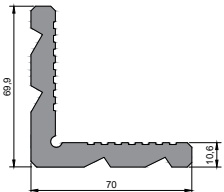
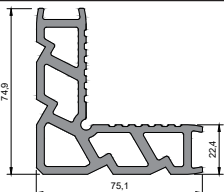
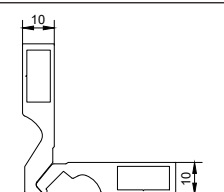
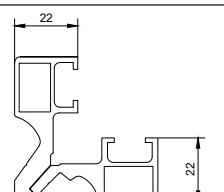
CS77H

MASTERLINE8

SLIMLINE38

S560

S560 Mono

Shape	Codee	Description
	C7.8	corner cleat 2.64 kg/m
	C10.6	corner cleat 3.43 kg/m
	C22.4	corner cleat 3.67 kg/m
	PC10	corner cleat (punch)
	PC22	corner cleat (punch)

CS59

CS68

CS68F

CS68H

CS77

CS77H

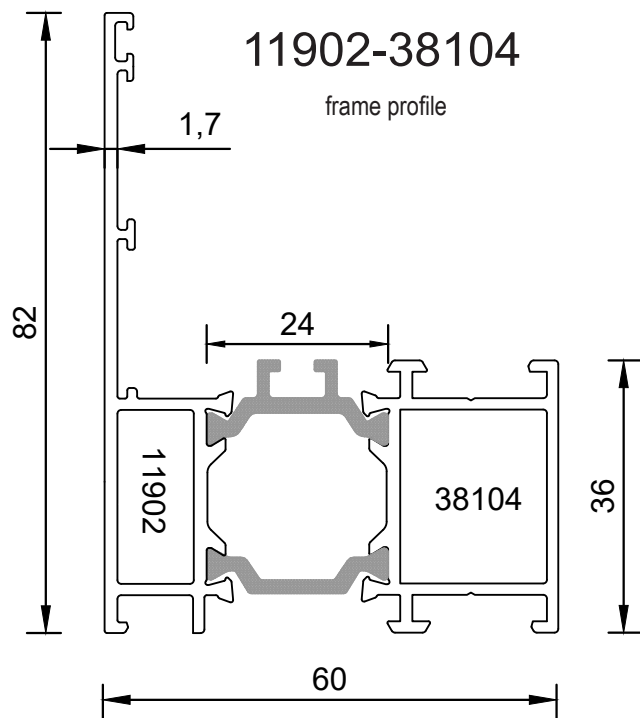
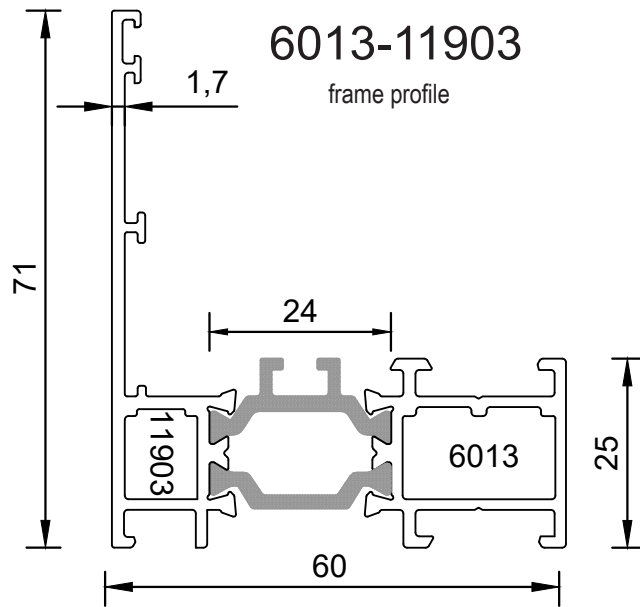
MASTERLINE8

SLIMLINE38

S560

S560 Mono

CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
6013-11903	1.332	13.52	20.25
11902-38104	1.56	21.82	23.89



scale 1:1

profile	corner cleat	shape	cutting size	punch corner	shape	leinght
6013-11903	C10.6		9.2 mm	PC10		19.2 mm
	C10.6		19.8 mm			
11902-38104	C22.4		9.1 mm	PC22		19.2 mm
	C22.4		19.6 mm			

- CS59
- CS68
- CS68F
- CS68H
- CS77
- CS77H
- MASTERLINE8
- SLIMLINE38
- S560
- S560 Mono

CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
11902-21233	1.82	44.92	33.97

CS59

CS68

CS68F

CS68H

CS77

CS77H

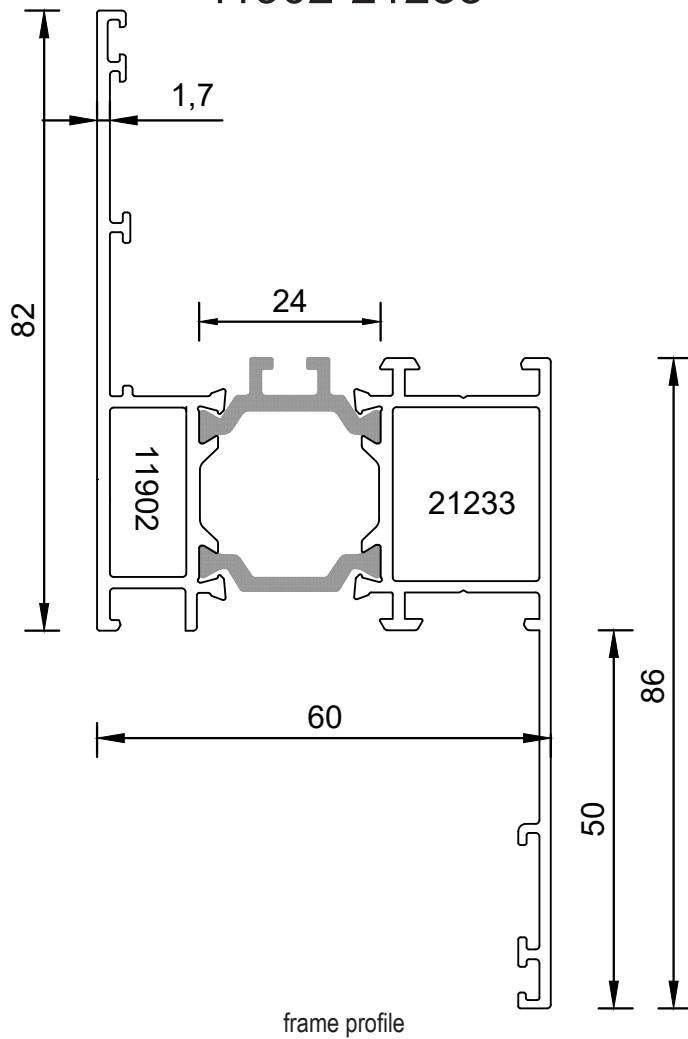
MASTERLINE8

SLIMLINE38

S560

S560 Mono

11902-21233

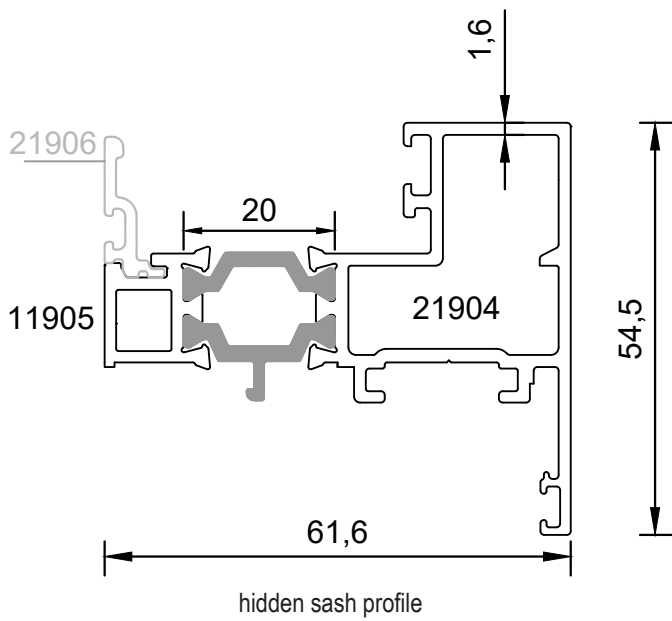


scale1:1

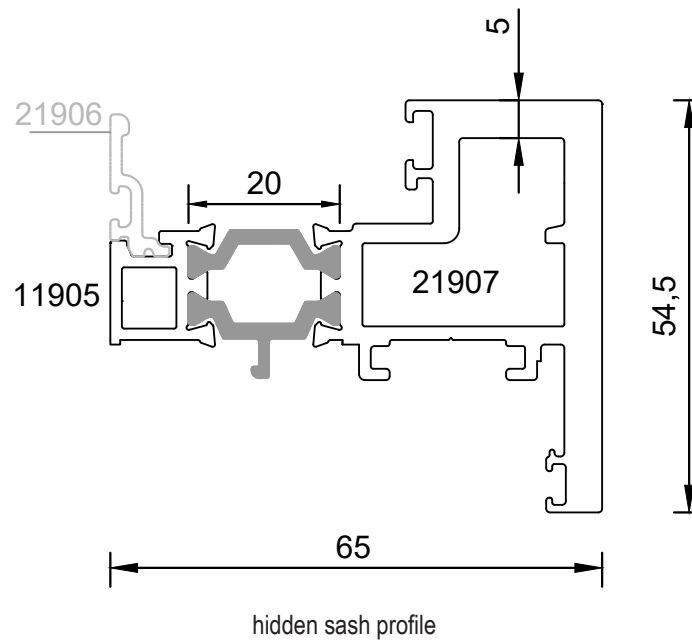
profile	corner cleat	shape	cutting size	punch corner	shape	leinght
11902-21233	C22.4		9.1 mm	PC22		19.2 mm
	C22.4		19.6 mm			

CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
11905-21904	1.315	6.62	19.74
11905-21907	2.16	14.01	32.77

11905-21904



11905-21907

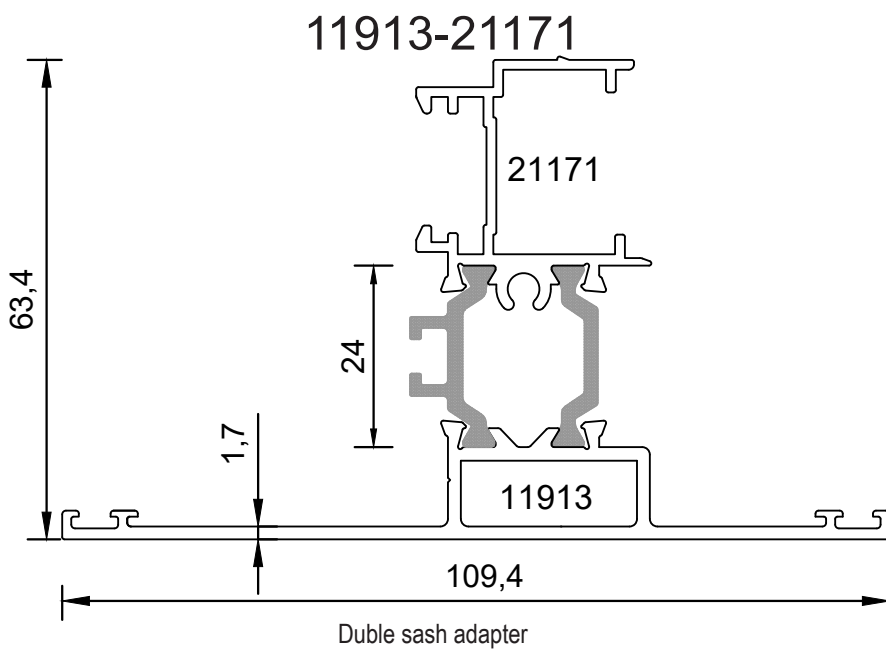
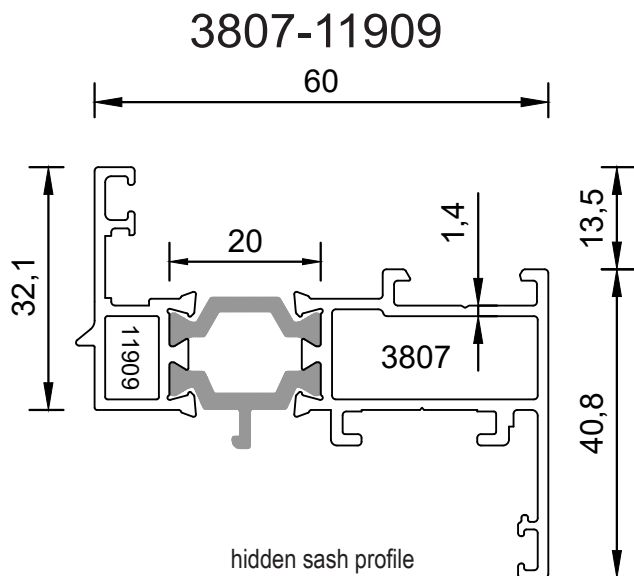


profile	corner cleat	shape	cutting size	punch corner	shape	leight	button length
11905-21904	C7.8		7.3 mm	PC10		26.5 mm	15 mm
	C10.6		27 mm				
11905-21907	C7.8		7.3 mm				
	C10.6		25.8 mm				

scale 1:1

CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
3807-11909	1.167	4.33	18.24
11913-21171	1.59	23.7	25.8

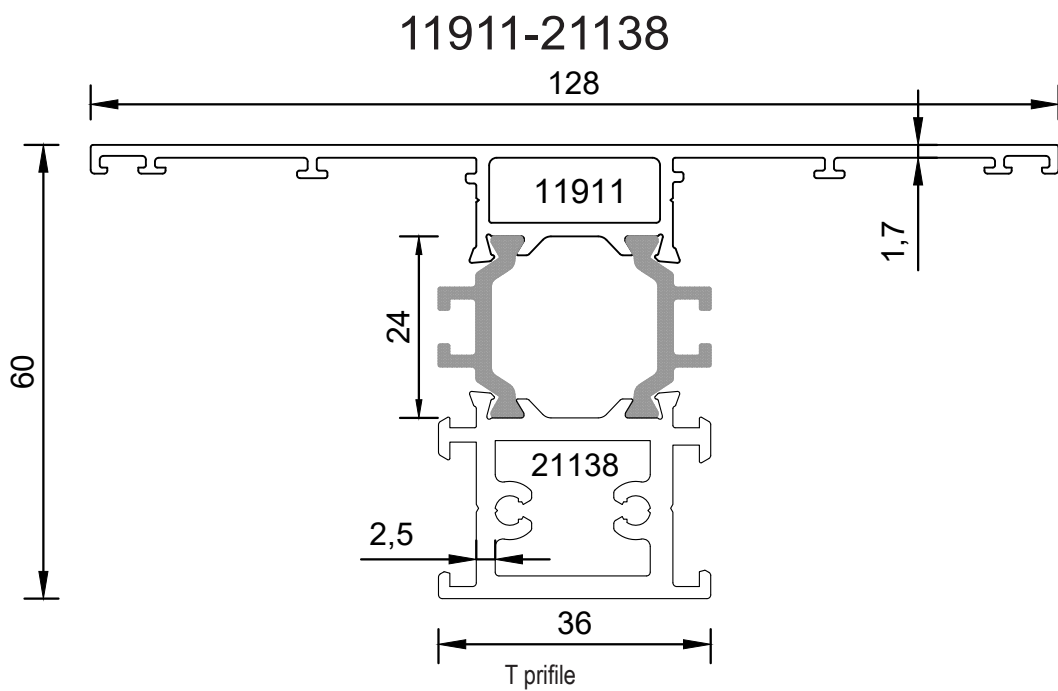
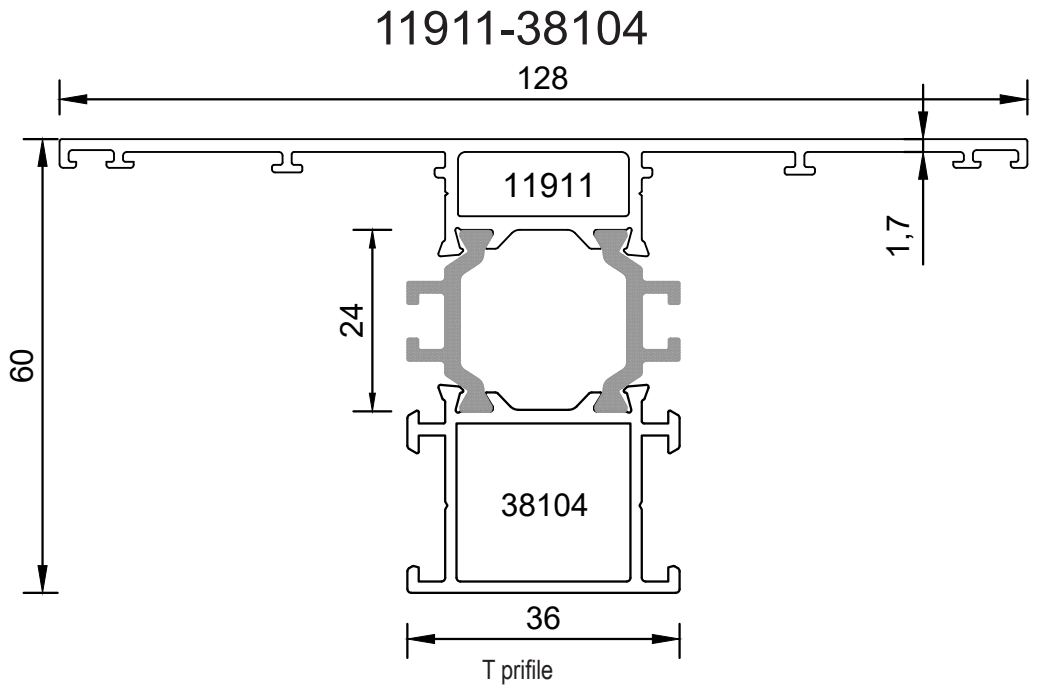
- CS59
- CS68
- CS68F
- CS68H
- CS77
- CS77H
- MASTERLINE8
- SLIMLINE38
- S560
- S560 Mono





scale 1:1

profile	corner cleat	shape	cutting size	punch corner	shape	leinght	button length
3807-11909	C10.6		7.2 mm	PC10		26.3 mm	15 mm
	C10.6		26.3 mm				

CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
11911-38104	1.84	28.15	42.22
11911-21138	2.28	38.20	43.14



scale:1:1

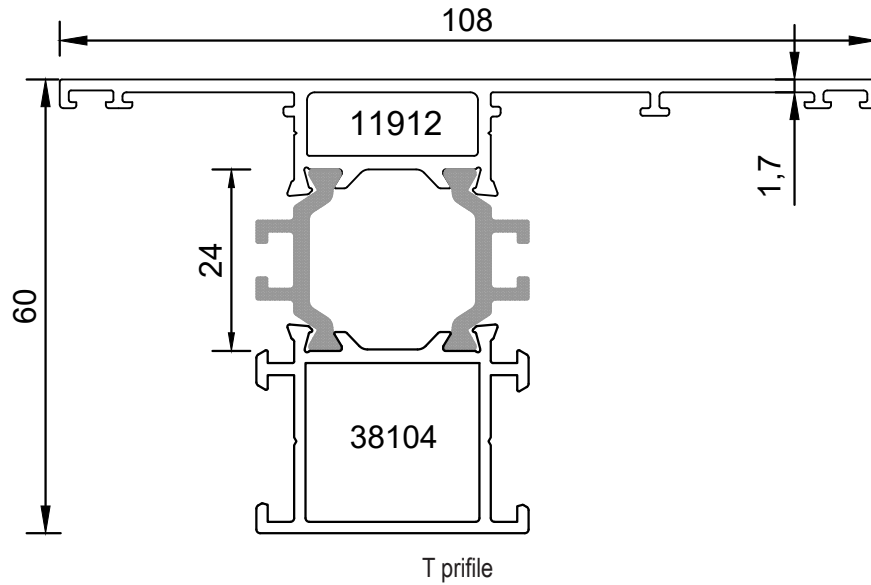
profile	T joint	shape	cutting size
11911-38104	2000-105		22.5 mm 

- CS59
- CS68
- CS68F
- CS68H
- CS77
- CS77H
- MASTERLINE8
- SLIMLINE38
- S560
- S560 Mono

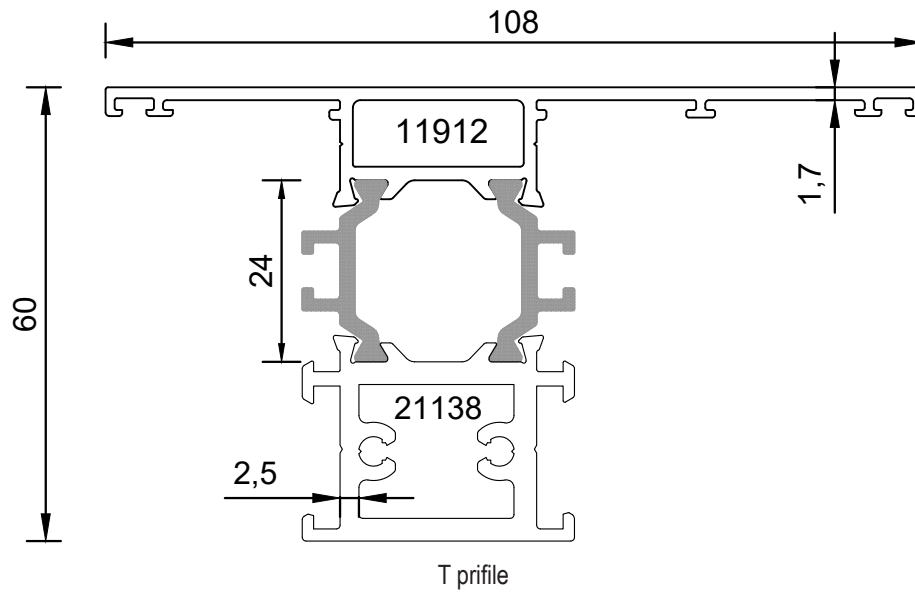
CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
11912-38104	1.720	26.43	29.50
11912-21138	2.16	35.74	30.71

- CS59
- CS68
- CS68F
- CS68H
- CS77
- CS77H
- MASTERLINE8
- SLIMLINE38
- S560
- S560 Mono

11912-38104



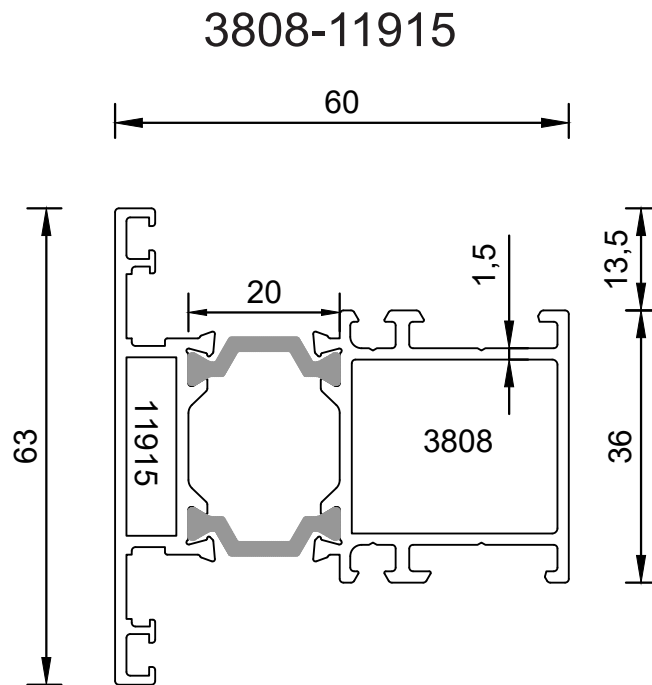
11912-21138



scale 1:1



profile	T joint	shape	cutting size
11912-38104	2000-105		22.5 mm

CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
3808-11915	1.36	11.01	21.29



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scale 1:1

profile	T joint	shape	cutting size
3808-11915	2000-105		22.5 mm 

CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
3819	0.96	10.58	4.64
3820	0.770	9.59	4.64

CS59

CS68

CS68F

CS68H

CS77

CS77H

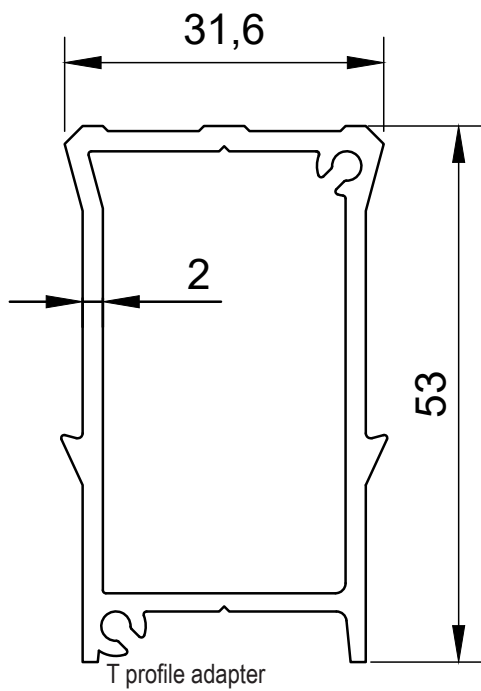
MASTERLINE8

SLIMLINE38

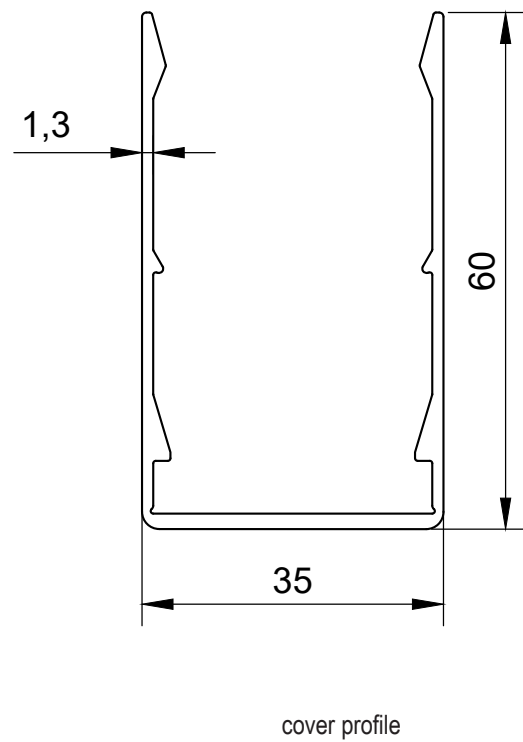
S560

S560 Mono

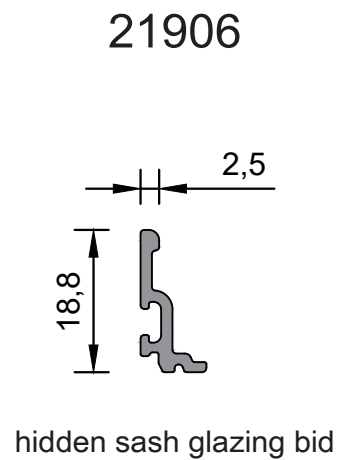
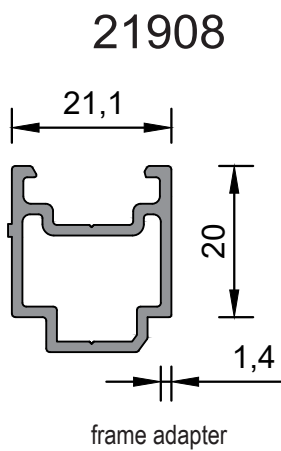
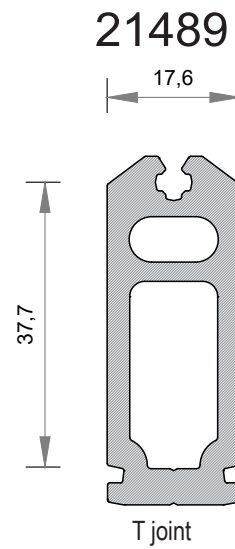
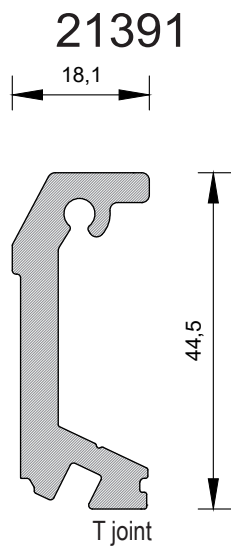
3819



3820

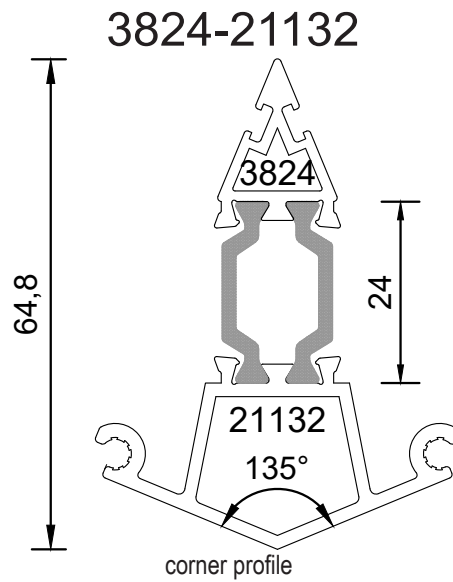
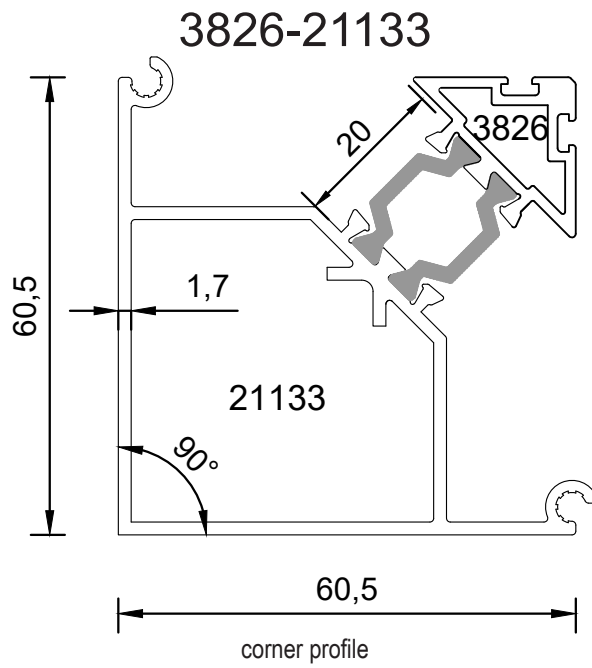


CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21391	0.950	-	-
21489	1.170	-	-
21908	0.387	-	-
21906	0.14	-	-

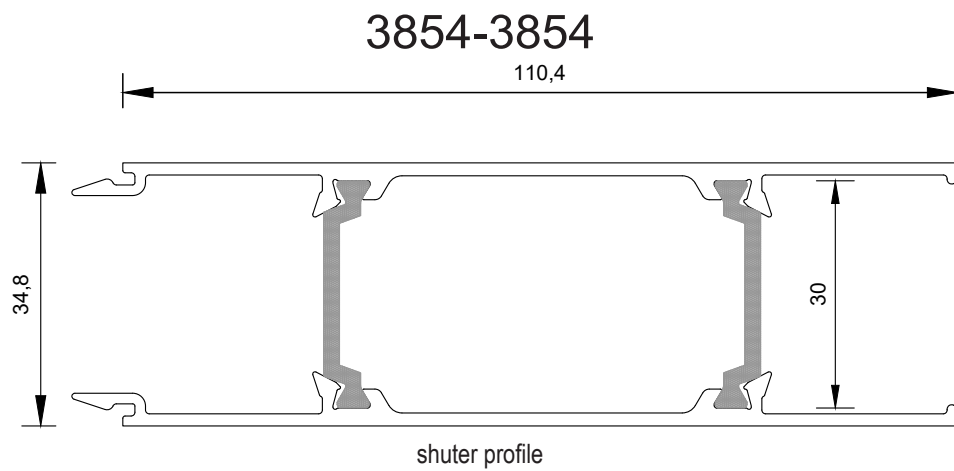
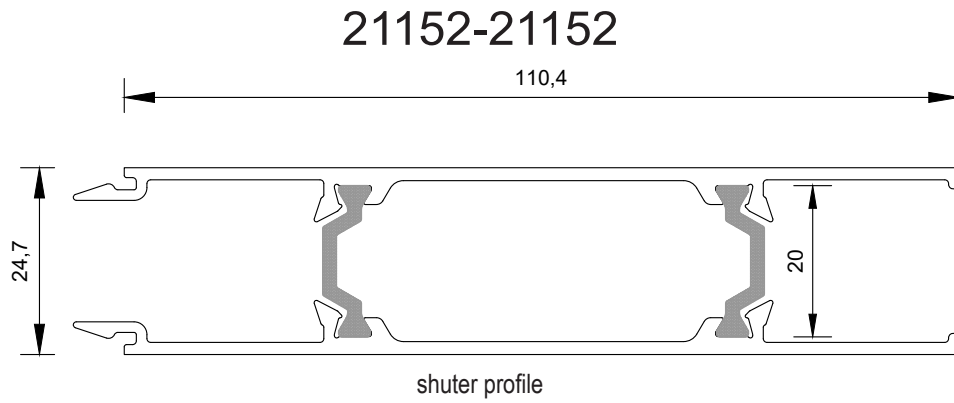


CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
3826-21133	1.7	26.41	26.45
3824-21132	1.22	14.41	4.54

- CS59
- CS68
- CS68F
- CS68H
- CS77
- CS77H
- MASTERLINE8
- SLIMLINE38
- S560
- S560 Mono

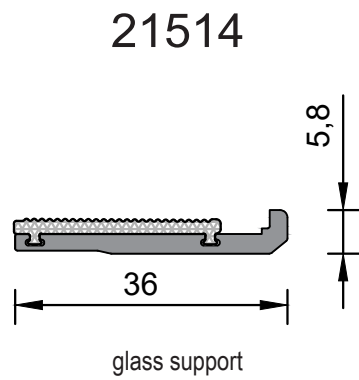
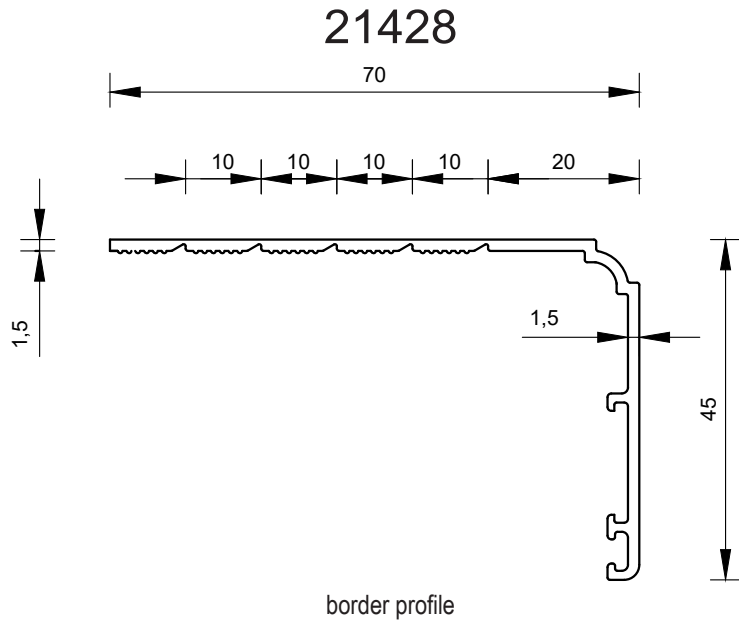


CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21152-21152	1.55	6.34	60.94
3854-3854	1.61	13.96	64.19

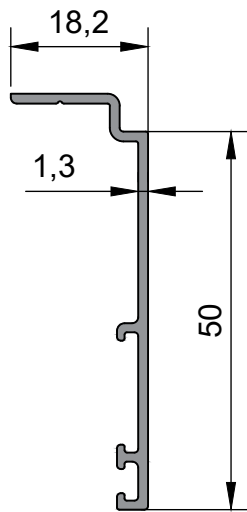


CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21428	0.520	-	-
21514	0.260	-	-

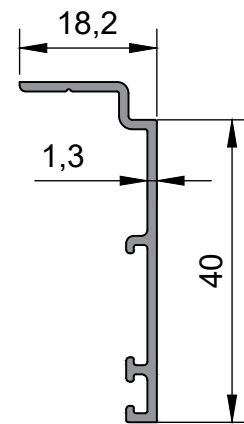
- CS59
- CS68
- CS68F
- CS68H
- CS77
- CS77H
- MASTERLINE8
- SLIMLINE38
- S560
- S560 Mono



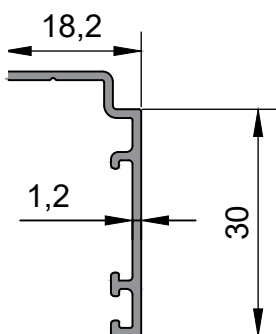
CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
6015	0.305	-	-
6016	0.257	-	-
6017	0.206	-	-
21429	0.306	-	-

6015


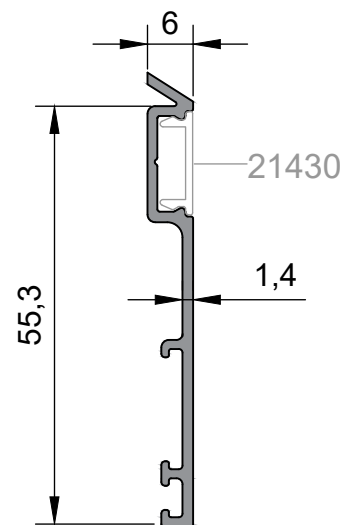
border profile

6016


border profile

6017


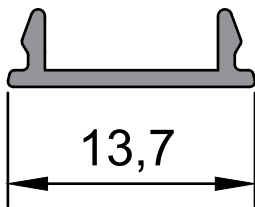
border profile

21429


border profile

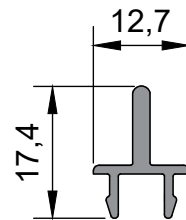
CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21430	0.056	-	-
21413	0.150	-	-
21416	0.128	-	-
21450	0.164	-	-

21430



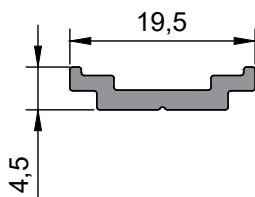
cover profile

21413



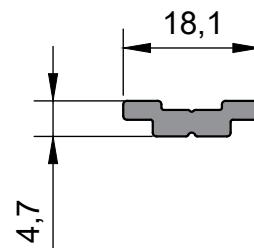
adapter profile

21416



rod profile

21450



rod profile

CS59

CS68

CS68F

CS68H

CS77

CS77H

MASTERLINE8

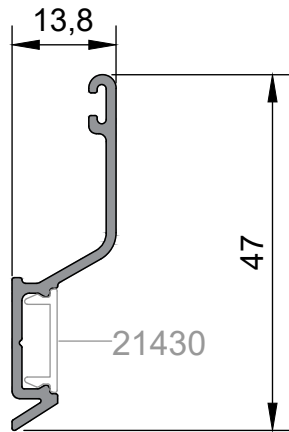
SLIMLINE38

S560

S560 Mono

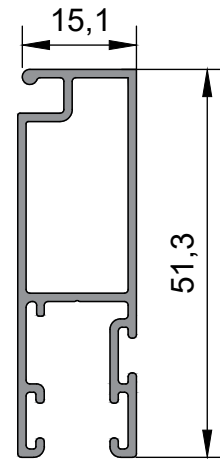
CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21498	0.265	-	-
21411	0.49	-	-
21499A	0.120	-	-
21499B	0.115	-	-

21498



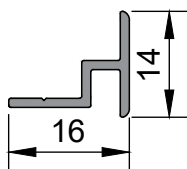
flyscreen sash rail

21411



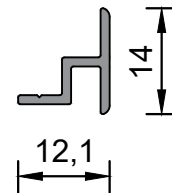
flyscreen sash profile

21499A





biuaty profil

21499B



biuaty profil

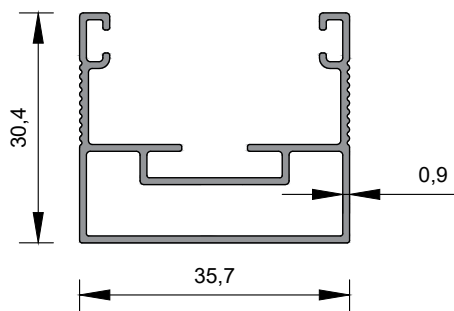
profile	corner cleat	shape	cutting size	button length
21411	C22.4		13 mm 	15 mm

scale1:1

CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21462	0.431	-	-
21463	0.441	-	-
21503	0.477	-	-
21131-21131	1.400	-	-

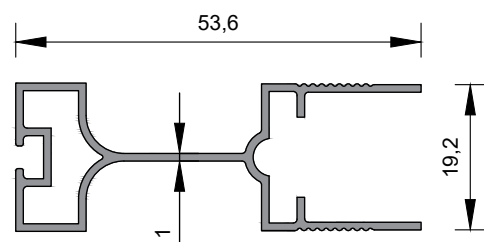
CS59
CS68
CS68F
CS68H
CS77
CS77H
MASTERLINE8
SLIMLINE38
S560
S560 Mono

21462



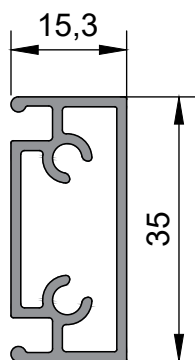
biuaty profil

21463



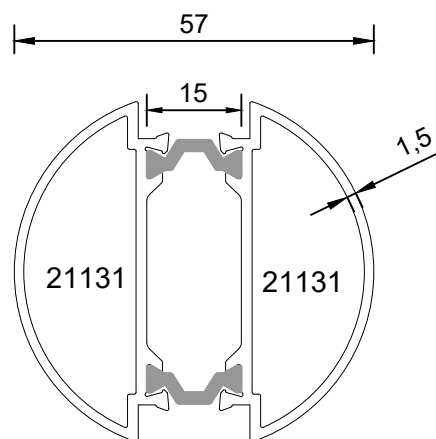
Fly screen sash profile

21503



T for flyscreen sash

21131-21131

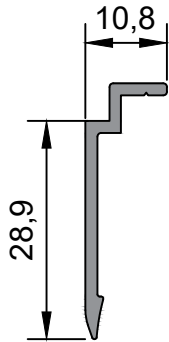


corner profile

scale 1:1

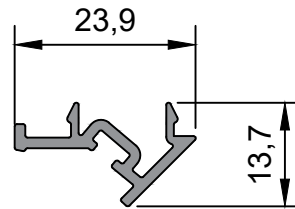
CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21134	0.200	-	-
21181	0.210	-	-
6009	0.373	-	-
21137	0.310	-	-

21134



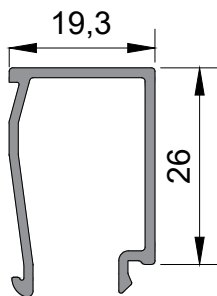
corner adapter profile

21181



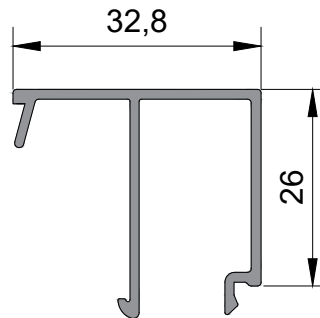
corner adapter profile

21137



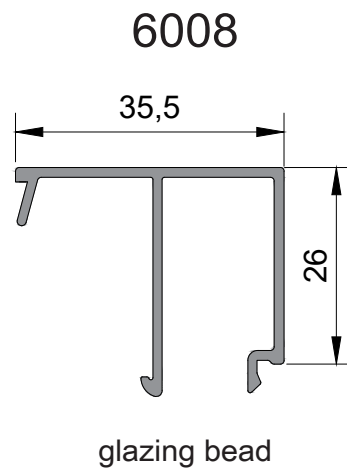
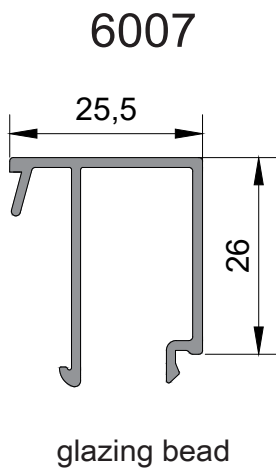
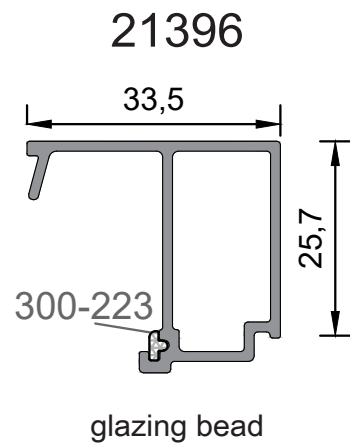
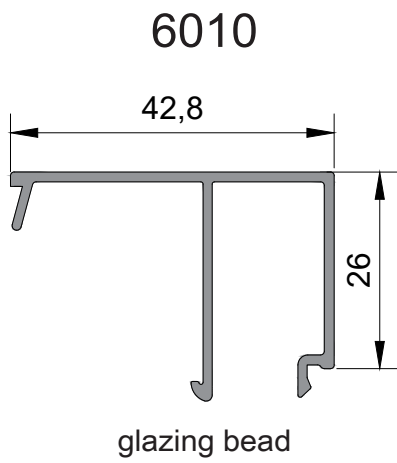
glazing bead

6009



glazing bead

CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
6010	0.411	-	-
21396	0.450	-	-
6008	0.383	-	-
6007	0.346	-	-



CS59

CS68

CS68F

CS68H

CS77

CS77H

MASTERLINE8

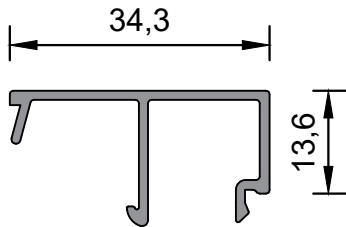
SLIMLINE38

S560

S560 Mono

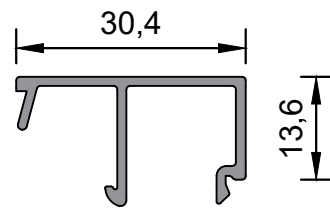
CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
3823	0.282	-	-
3822	0.268	-	-
3821	0.246	-	-
38102	0.231	-	-

3823



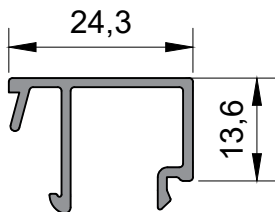
glazing bead

3822



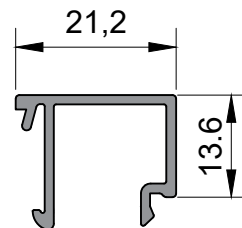
glazing bead

3821

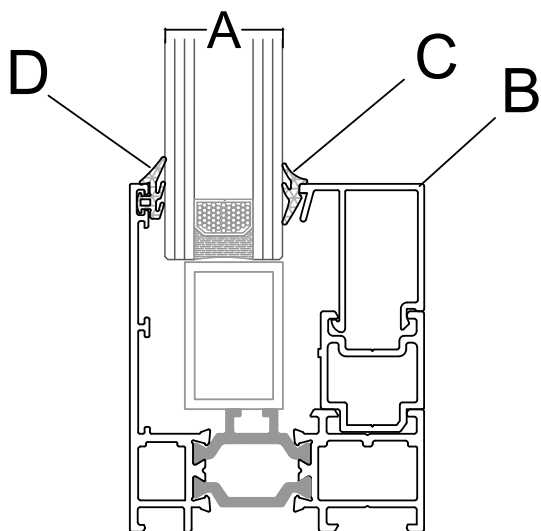


glazing bead

38102

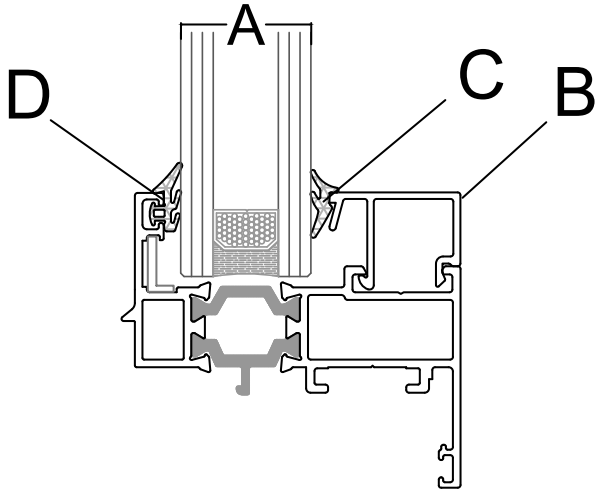


glazing bead

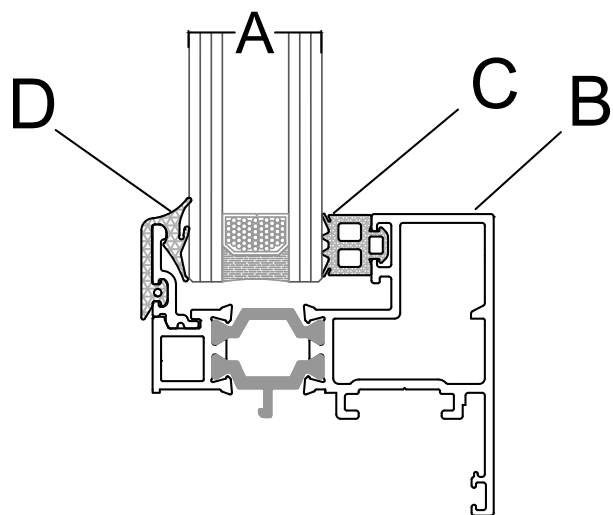


A (mm)	B	C	D
6	1004	6010	mo68
8	1002	6010	mo68
10	1007	6008	mo68
12	1005	6008	mo68
14	1003	6008	mo68
16	1004	6009	mo68
18	1002	6009	mo68
20	1007	6007	mo68
22	1005	6007	mo68
24	1003	6007	mo68
26	1007	21137	mo68
28	1005	21137	mo68
30	1003	21137	mo68

- CS59
- CS68
- CS68F
- CS68H
- CS77
- CS77H
- MASTERLINE8
- SLIMLINE38
- S560
- S560 Mono



A (mm)	B	C	D
10	1007	3823	mo68
12	1005	3823	mo68
14	1003	3823	mo68
16	1005	3822	mo68
18	1003	3822	mo68
20	1007	3821	mo68
22	1005	3821	mo68
24	1003	3821	mo68
26	1004	38102	mo68
28	1002	38102	mo68



A (mm)	B	C	D
22	-	CW11	G300-107
24	-	CW09	G300-107
26	-	CW07	G300-107
28	-	CW05	G300-107
30	-	CW03	G300-107

CS59

CS68

CS68F

CS68H

CS77

CS77H

MASTERLINE8

SLIMLINE38

S560

S560 Mono

CS59

CS68

CS68F

CS68H

CS77

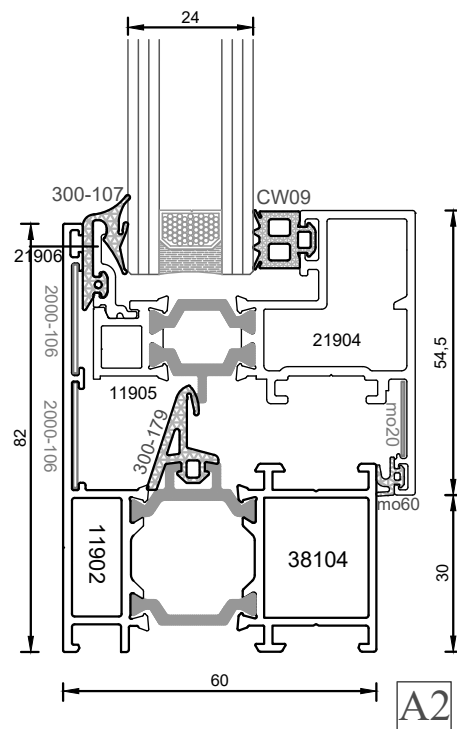
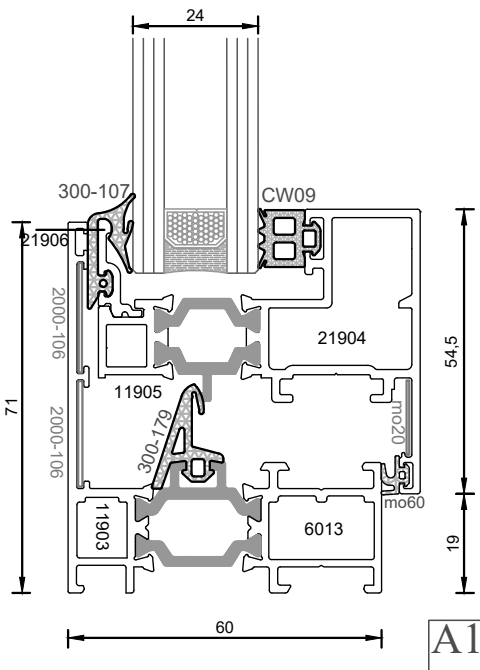
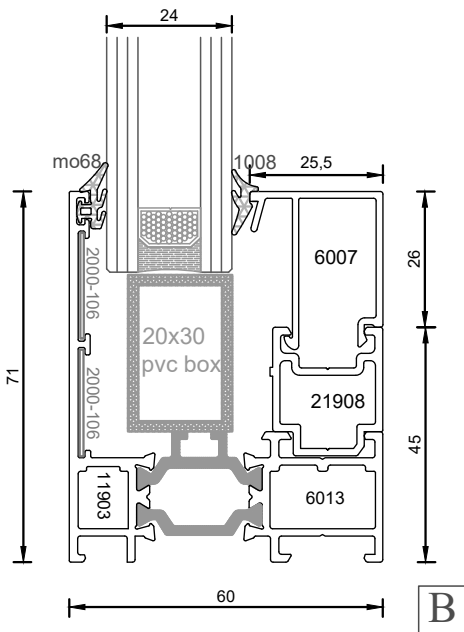
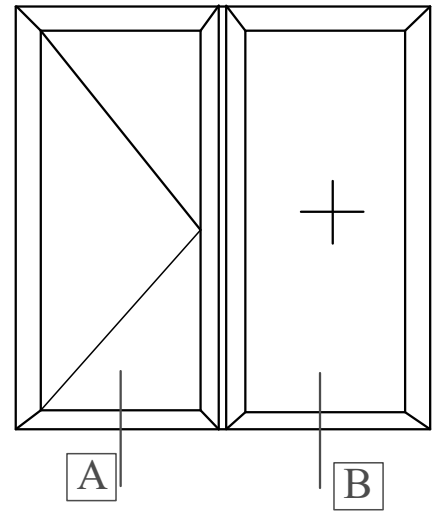
CS77H

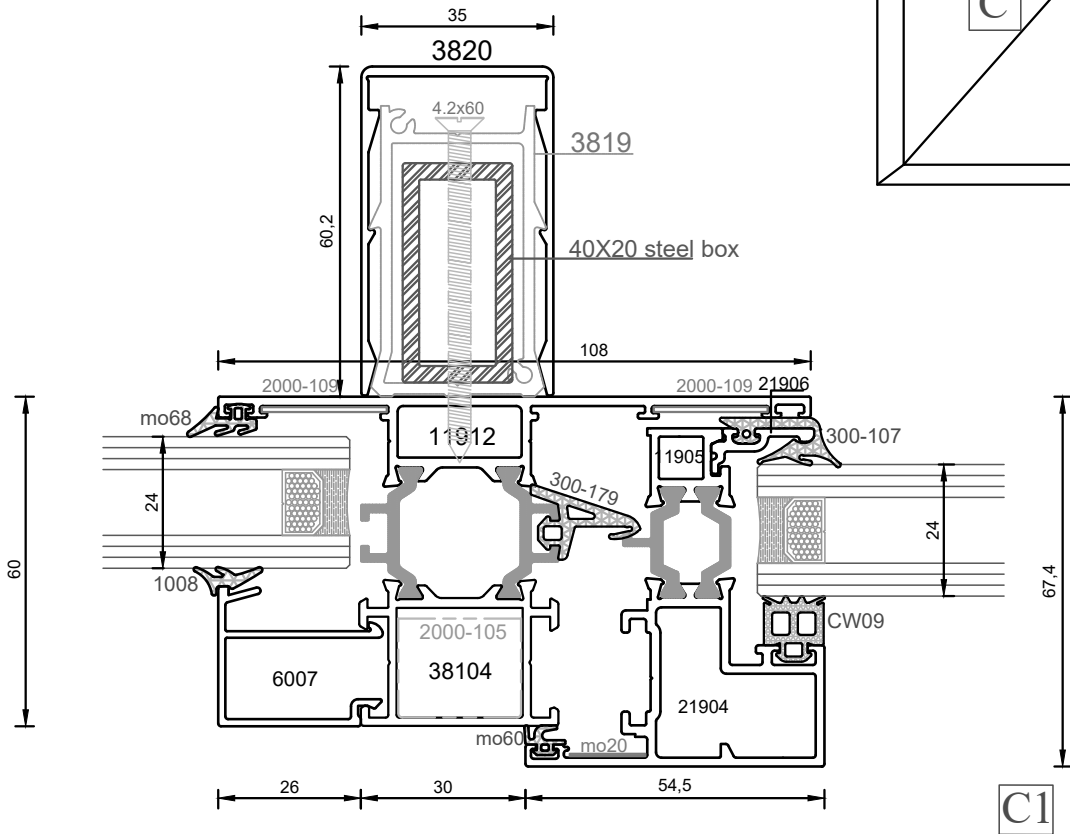
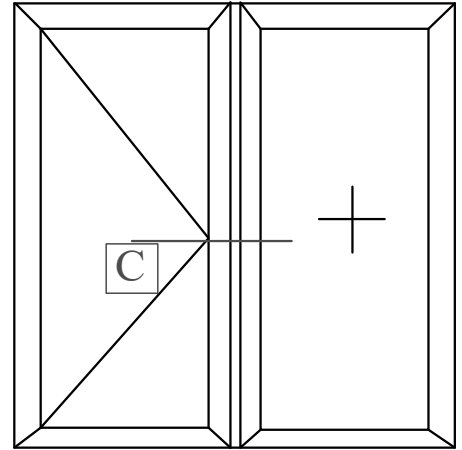
MASTERLINE8

SLIMLINE38

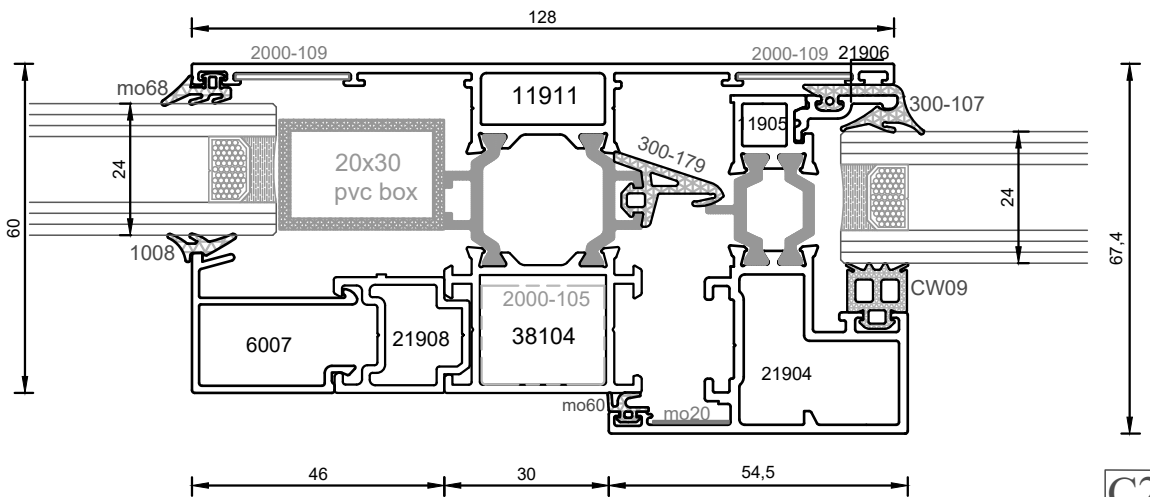
S560

S560 Mono





C1

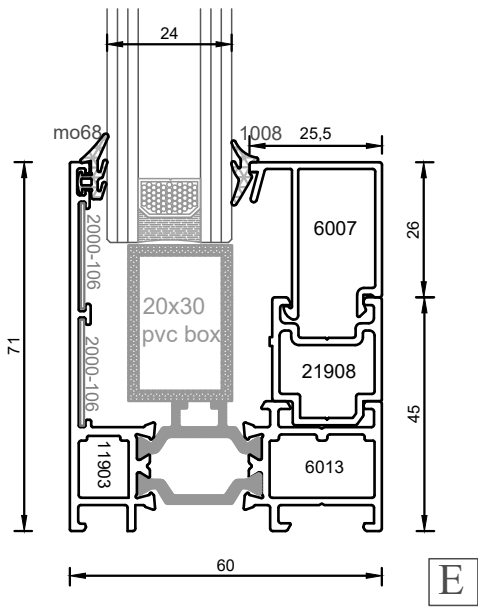
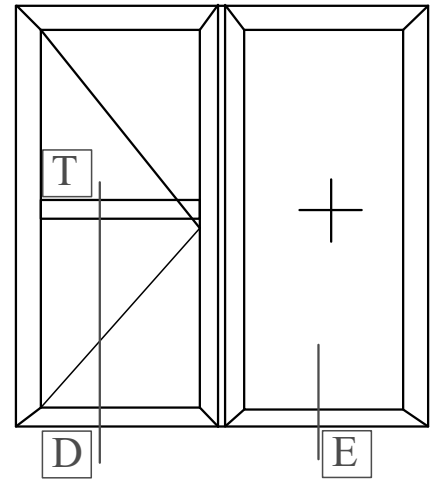


C2

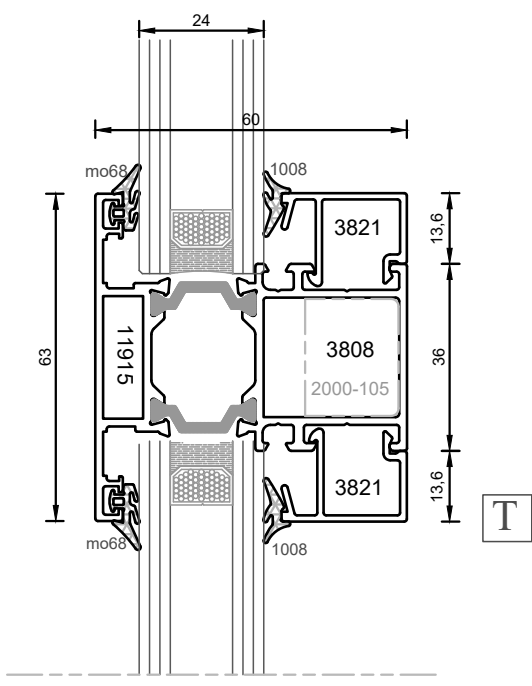
- CS59
- CS68
- CS68F
- CS68H
- CS77
- CS77H
- MASTERLINE8
- SLIMLINE38
- S560
- S560 Mono

SECTIONS

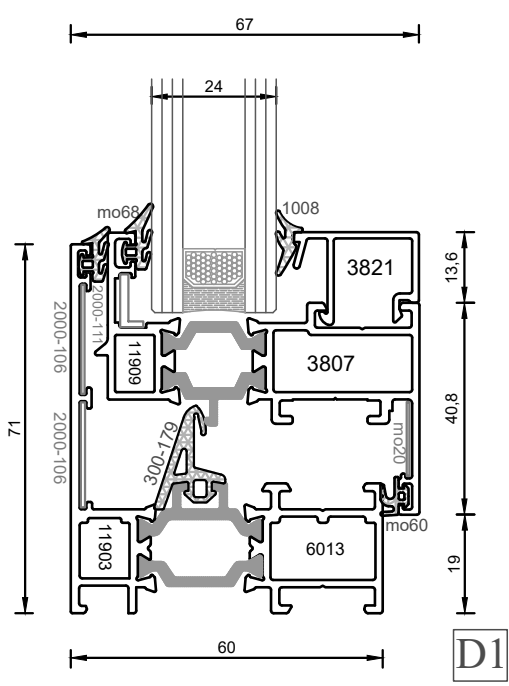
CS68H Casement System



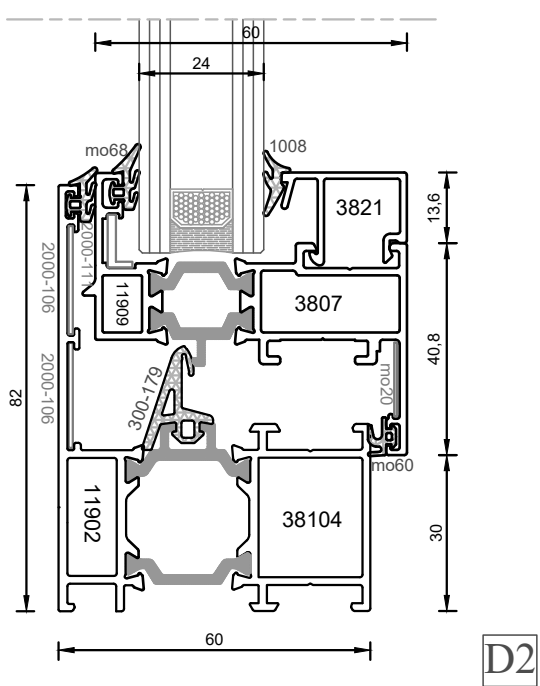
E



T



D1



D2

CS59

CS68

CS68F

CS68H

CS77

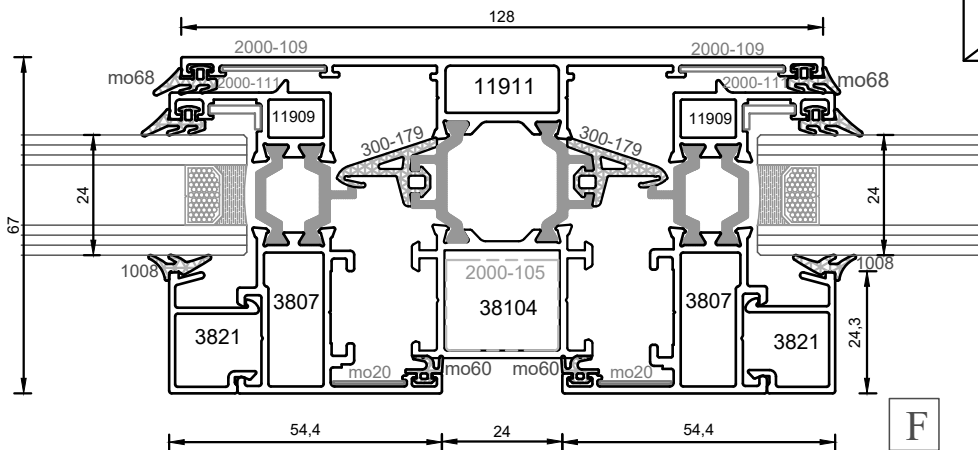
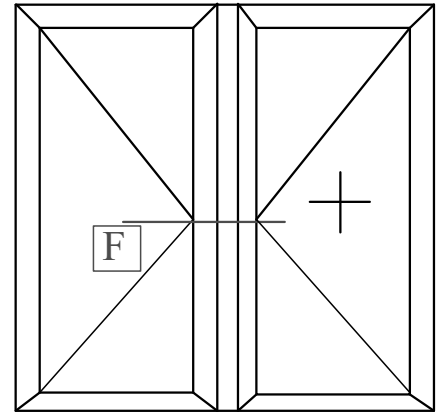
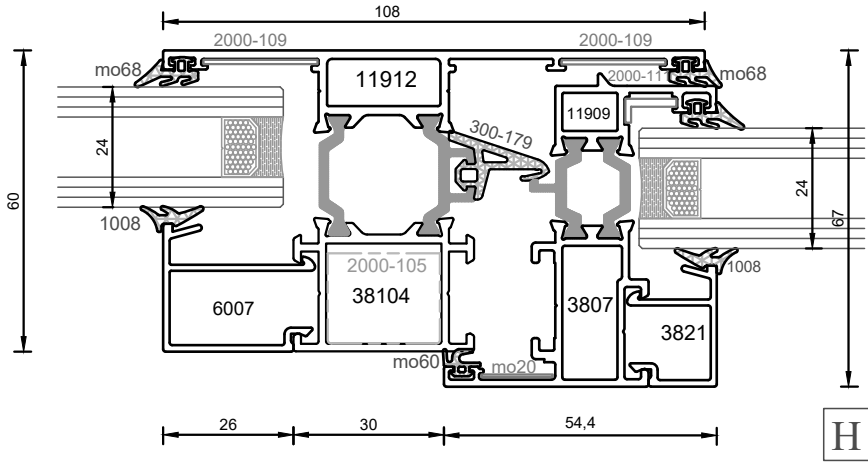
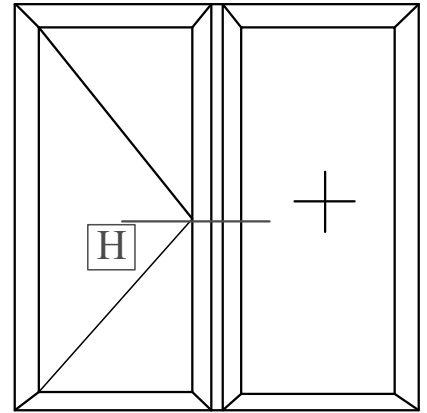
CS77H

MASTERLINE8

SLIMLINE38

S560

S560 Mono



- CS59
- CS68
- CS68F
- CS68H
- CS77
- CS77H
- MASTERLINE8
- SLIMLINE38
- S560
- S560 Mono

CS59

CS68

CS68F

CS68H

CS77

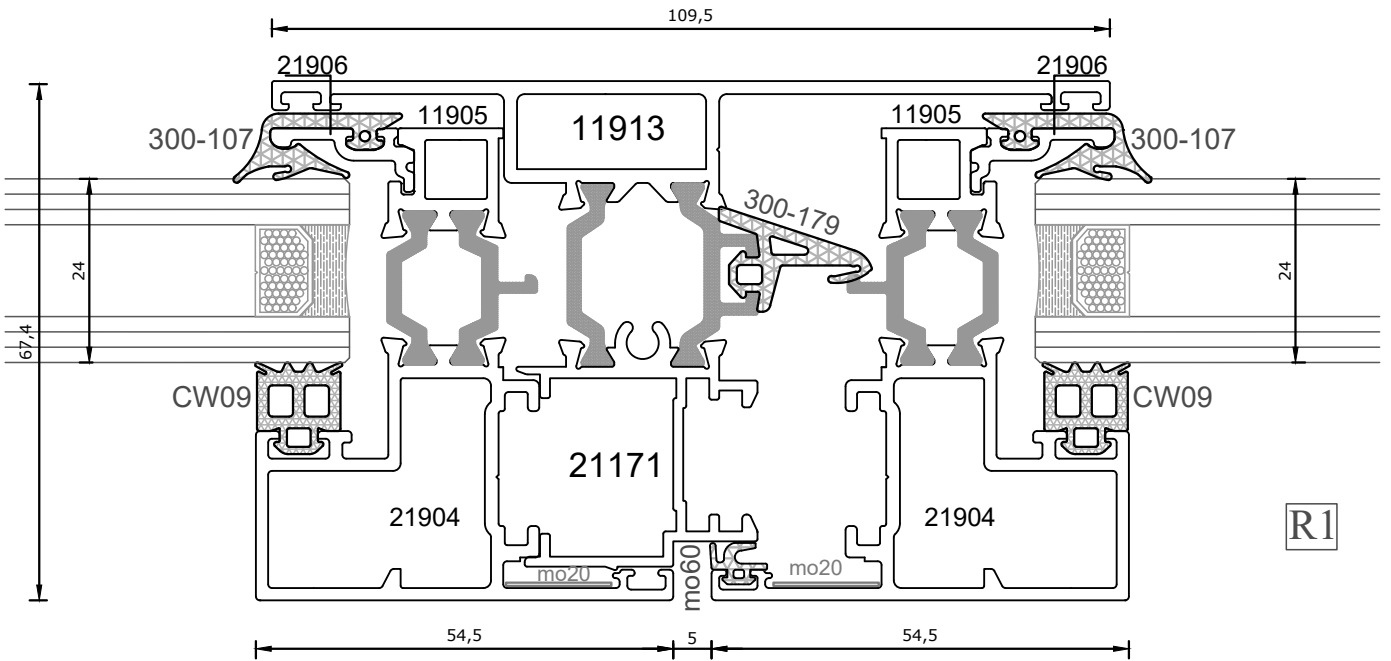
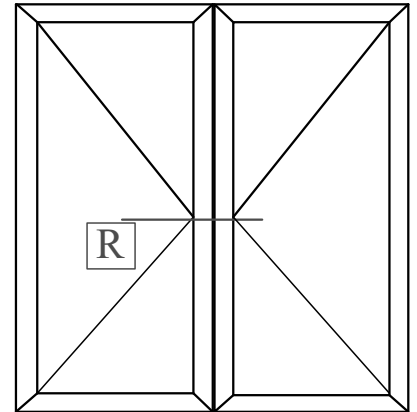
CS77H

MASTERLINE8

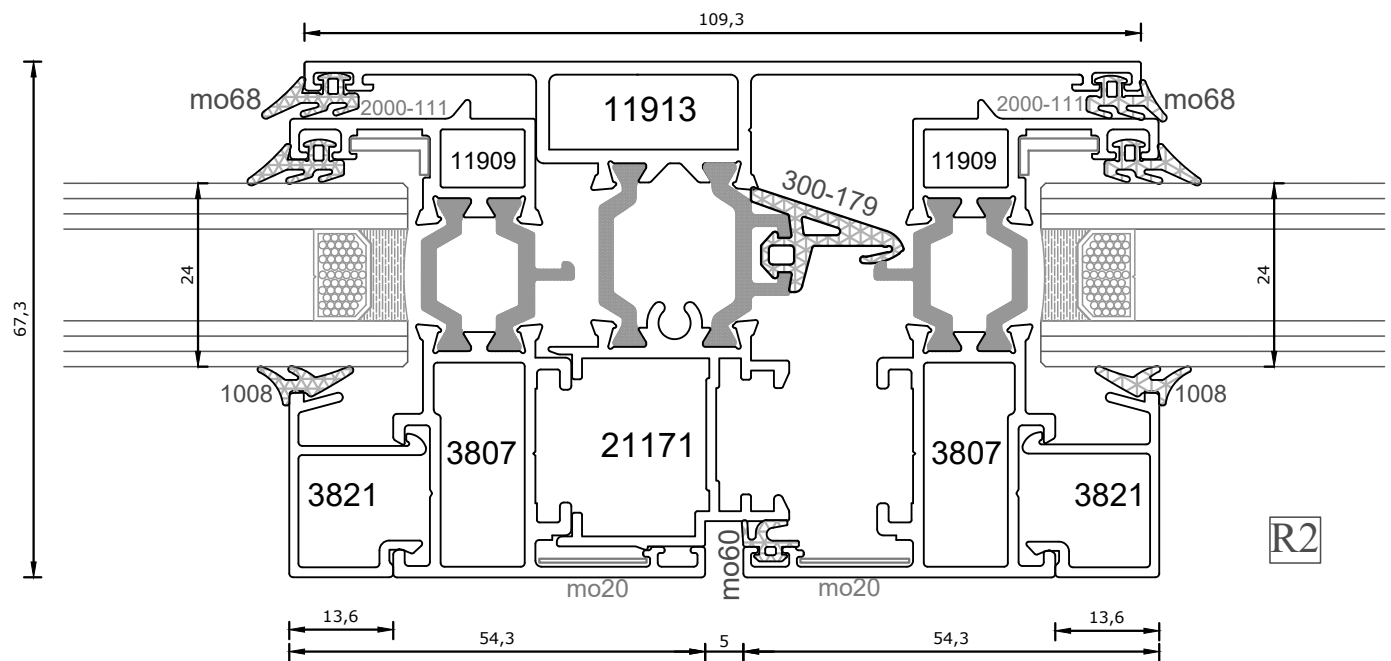
SLIMLINE38

S560

S560 Mono

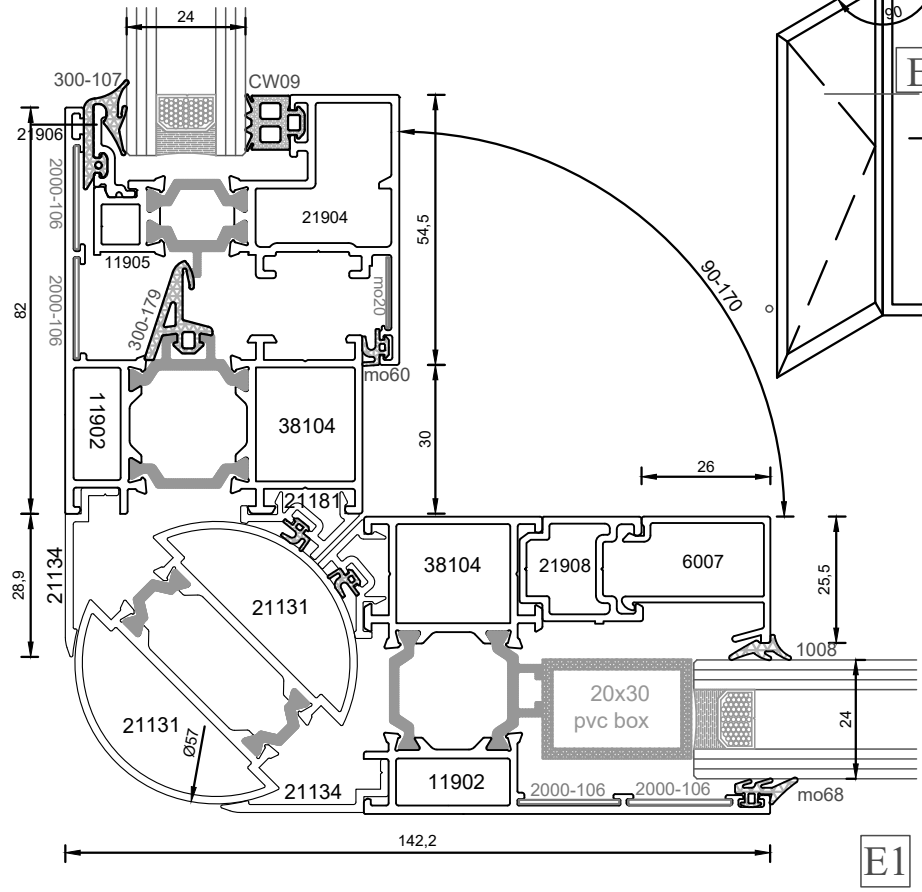
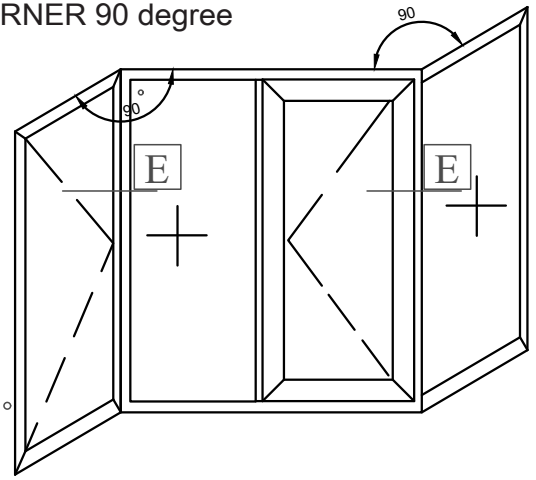


R1

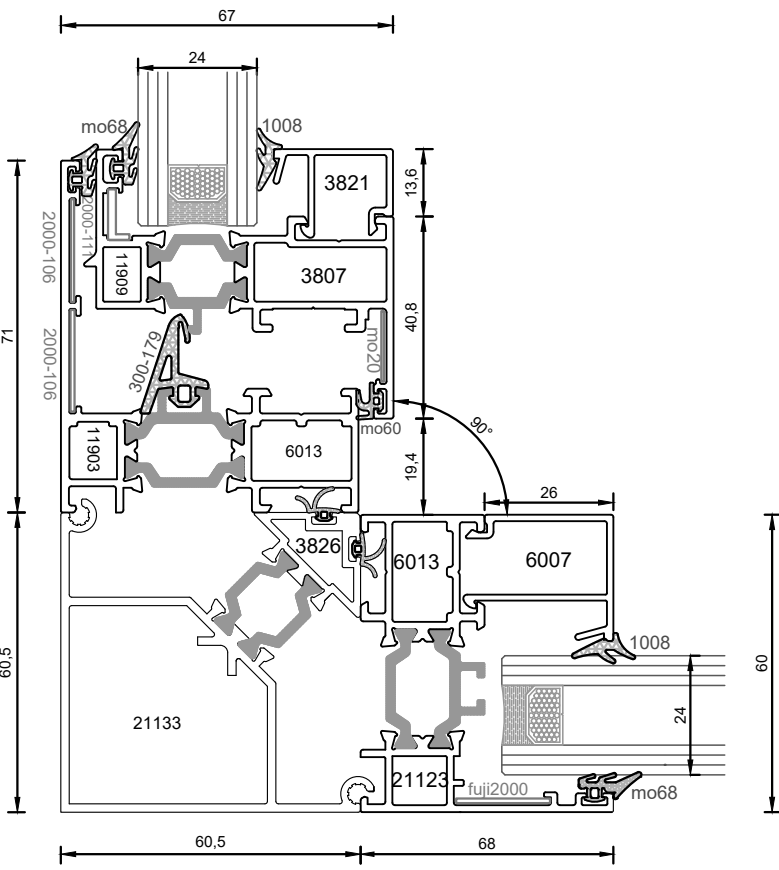


R2

CORNER 90 degree



E1



E2

CS59
CS68
CS68F
CS68H
CS77
CS77H
MASTERLINE8
SLIMLINE38
S560
S560 Mono

CS59

CS68

CS68F

CS68H

CS77

CS77H

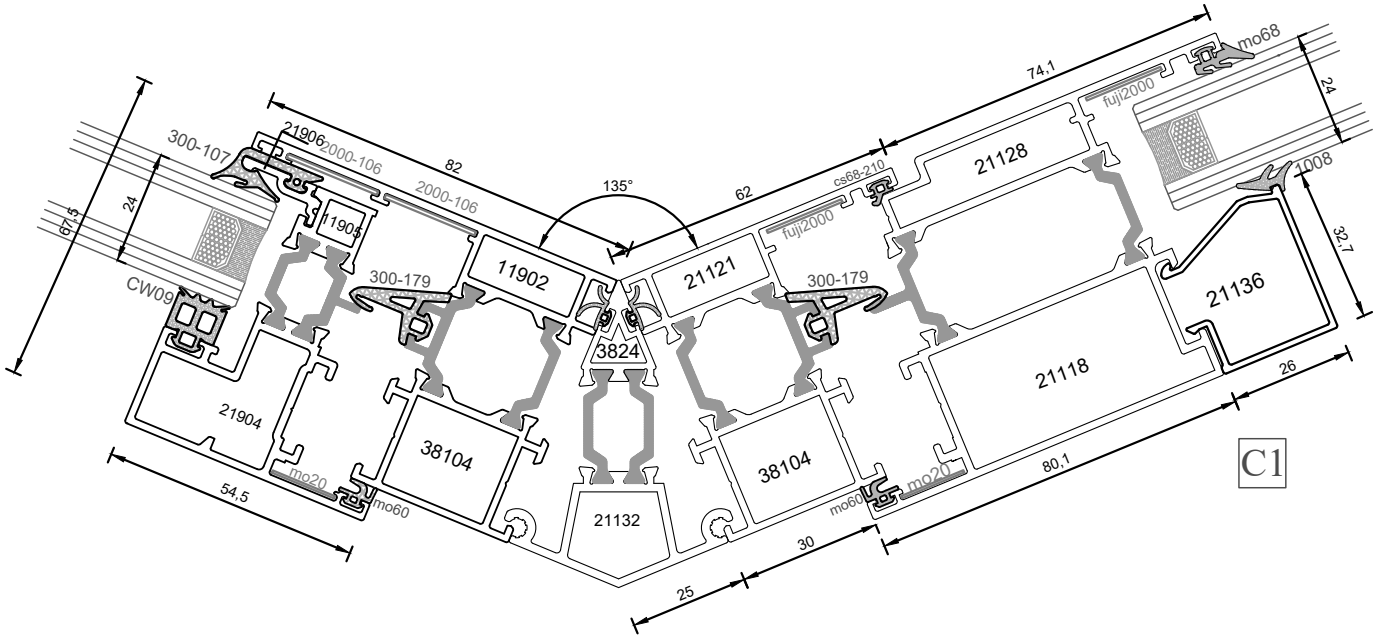
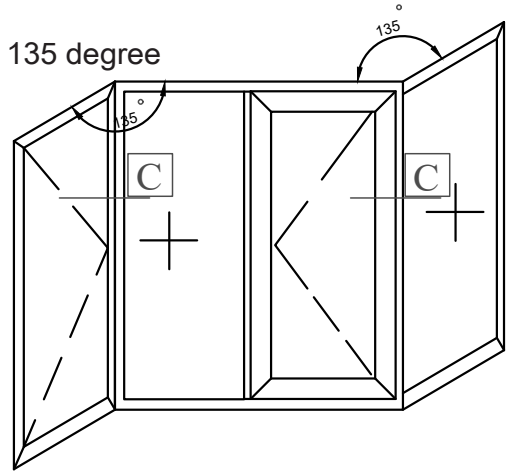
MASTERLINE8

SLIMLINE38

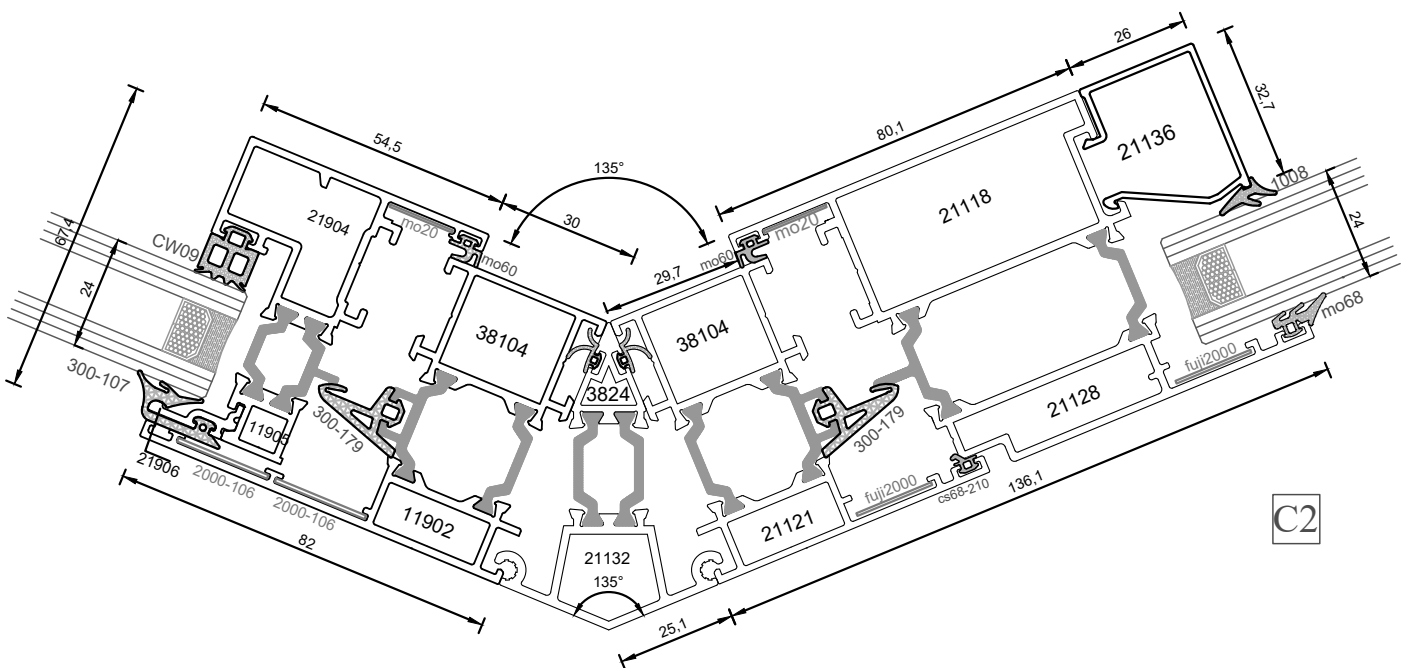
S560

S560 Mono

CORNER 135 degree

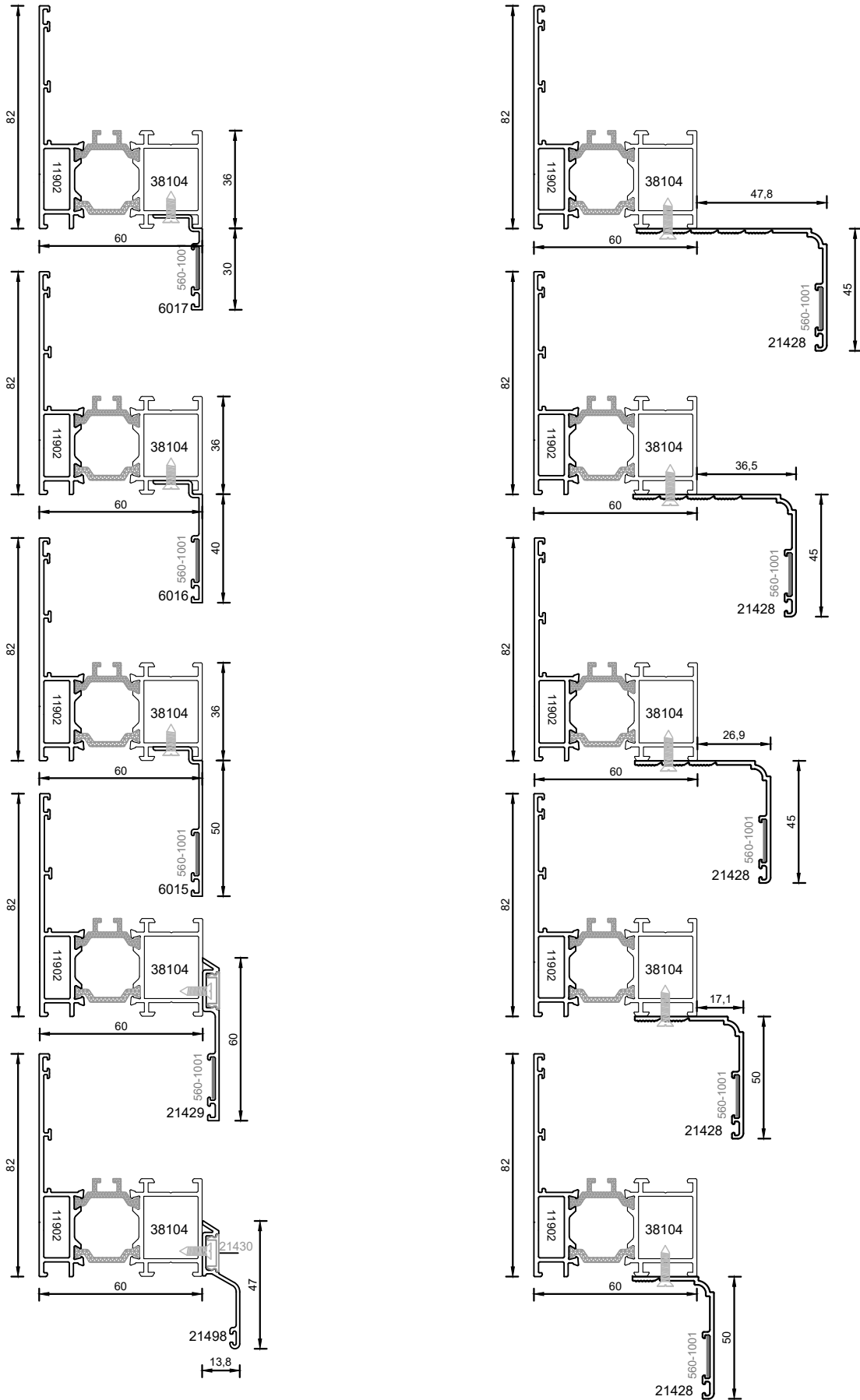


C1



C2

INSTALLATION SIZE OF BORDER PROFILE



CS59
CS68
CS68F
CS68H
CS77
CS77H
MASTERLINE8
SLIMLINE38
S560
S560 Mono

CS55

CS68

CS68F

CS68H

CS77

CS77H

MASTERLINE8

SLIMLINE38

S560

S560 Mono

