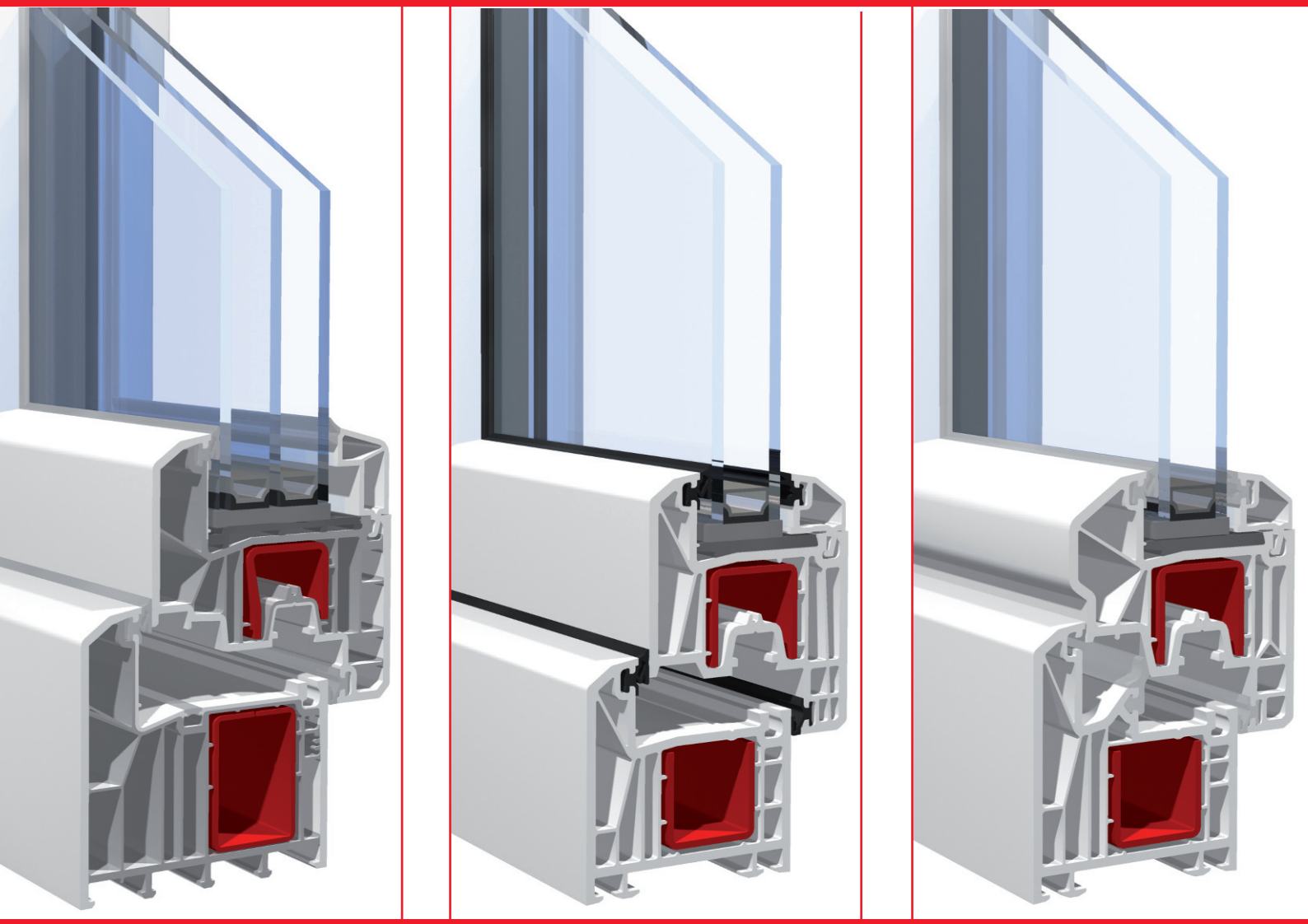


KBE Produktkatalog / KBE Product catalog

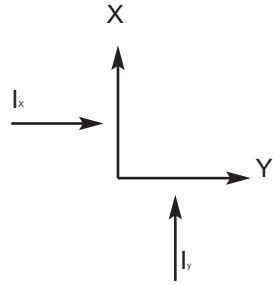
Technische Dokumentation · Stand 04-2012
Technical documentation · State 04-2012

KBE®
FENSTERSYSTEME

System_88mm	**1 – 10**
System_88*md*	**11 – 20**
System_88mm AluFusion	**21 – 28**
System_88*md* AluFusion	**29 – 36**
System_70mm	**37 – 60**
System_70mm SELECT	**61 – 72**
System_70*md*	**73 – 90**
PremiDoor	**91 – 98**
PremiLine	**99 – 108**
Nebenprofile 88 mm	**109 – 116**
Nebenprofile 70 mm	**117 – 126**
Nebenprofile Allgemein	**127 – 130**
Glasleisten	**131 – 132**
Lüftung	**133 – 136**

Legende:

Einbaulage
Stahlverstärkungen



E = Eloxalfläche
S = Sichtzfläche
(Werteangaben bei Alu-Schalen)

Profil	Seite
006.02	132
008.02	132
008.04	132
010.04	132
012.04	132
014.04	132
016.04	132
026.04	132
029.04	132
033.04	132
072.02	132
072.04	132
076.02	132
076.04	132
0813.02	131
0813.04	131
0823.02	131
0823.04	131
096.04	132
0132	132
0133	132
0134	132
0135	132
0136	132
141	119
144	120
147	120
148	125
149	125
153	117
154	127
161	125
163	125
164	125
174	129
174N	129
184	4
194	123
195	4
198	7
199	4
1085	127
1114	125
1194	127
1248	117
205	127
207	5
208	117
218	58
219	86
2399	55
2420	95
2619	131
2620	131
2624	131
2626	131
2628	131
2630	131
2632	131
2634	131
2636	131
2638	131
2640	131
2643	131
2647	131
2648	131

Profil	Seite
2648	131
2870	94
2871	96
2873	96
2874	96
2875	97
2876	96
2877	96
340	118
341	118
342	119
344	119
345	119
346	119
348	119
349	119
349	120
350	117
352	117
355	118
360	121
362	121
363	121
398	52
319.67	50
320.02	132
320.04	132
322.04	132
326.04	132
331.07	46
3370.07	43
3372.07	44
3380.77	56
3380.77	88
3390.07	41
3395.67	47
346F	119
370.07	42
371.07	45
373.67	51
374.67	53
375.67	48
376.67	49
378.67	52
379.67	54
380.77	56
381.77	57
382.77	57
385.06	58
386.06	58
387.06	58
390.07	41
392.77	55
395.67	47
396.67	48
397.67	46
398	69
498	51
431.07	66
470.07	64
471.07	65
473.67	68
475.67	68
478.67	69
479.67	70
480.77	70

Profil	Seite
485.06	71
490.07	64
495.67	67
496.67	67
4095	127
4784	67
545	122
546	120
559	120
563	125
574	129
574N	129
5044	6
5666	127
5784	46
602	78
604	55
606	10
614	7
622	126
623	126
624	126
634	42
639	81
640	110
645	51
655	51
656	117
6040	105
6041	105
6048	106
6049	106
6050	102
6051	102
6052	103
6053	103
6054	104
6055	104
6060	105
6061	105
6064	102
6066	102
6067	107
6210	26
6356	117
6405	113
6412	112
6413	113
6414	109
6415	115
6416	113
6417	115
728	132
741	120
773	125
784	46
784	82
784	67
7182	41
7182	77
7209	117
7220	41
7220	77
7220	64
7282	64
7343	119

Profil	Seite
7562	125
7785	46
7787	42
7788	42
7789	42
7795	126
7796	59
8070	109
8182	4
8340	110
8341	110
8350	109
8355	110
8356	111
8401	114
8403	114
8404	114
8405	113
8408	109
8411	112
8412	112
8455	112
8456	112
8462	115
8731	4
8741	6
8742	6
8942	4
8971	4
8972	109
8973	109
8974	109
8322.06	9
8322.06M	19
8324.06	9
8324.06M	19
8370.07	4
8370.7M	14
8372.07	5
8372.7M	15
8373.67	7
8374.67	7
8380.77	8
8380.7M	18
8395.67	6
8396.67	6
810108	113
810208	9
832208	9
832208	19
840108	114
840808	109
9119	95
9120	127
9326	95
9330	81
9331	81
9370	77
9371	80
9373	78
9380	86
9381	86
9385	87
9386	87
9387	88
9393	79

Profil	Seite
9439	109
9440	109
9876	95
9374.67	85
9375.67	83
9376.67	84
9377.67	82
9395.67	82
9875.3	95
9877.3	95
9975.2	94
9978. 2	94
9A20	95
9A20.S	95
9A54.L1	97
9A54.R1	97
9A55	96
9A56.L	96
9A56.R	96
9A57.2	94
9A59.1	96
9A69	98
9A70	94
9A70.S	94
9A71	98
9A73	98
9A74	98
9A75	98
9A76	94
9A77	94
9A79. 1	94
9A79.S1	94
9A84	98
9A85	96
9A86. 1	98
9A95.1	94
9A96	94
9B04	96
9B05.1	95
9B08.1	95
9B09	95
9B11	94
9B22. 1	94
9B22.S1	94
9B24.1	94
9B24.S1	94
9B29	97
9B30	94
9B37.1	96
9B38.1	96
9B42	94
9B48	96
9B53	97
9B55.L	97
9B55.R	97
9B57.L	97
9B57.R	97
9B59	98
9B60	98
9B61	98
9B75.1	95
9B77.2	95
9C49	106
9C50	106
9C51	102
9C52	103

Profil	Seite
9C53	102
9C54	102
9C55	102
9C56	105
9C57	105
9C58	105
9C61	105
9C62	102
9C63	102
9C66	102
9C68	105
9C97	103
9D11	95
9D15	98
9D16.L	97
9D16.R	97
9D17.L	97
9D17.R	97
9D21.L	97
9D21.R	97
9D29	94
9D30	98
9D32	94
9D55	104
9D56	104
9G09	26
9G10	26
9G16	4
9G68	9
9H13	4
940208	109
A000	107
A153	117
A640	119
A8355	110
AI152	117
AL152	117
AR152	117
AS8322	9
AS8324	9
AS8370	4
AS8372	5
AS8373	7
AS8380	8
AS8395	6
ASP855	10
AT15-100	134
BL380MV	55
BL380OV	55
D164	125
D5784	46
D6784	46
D785	46
DK370	42
DK371	45
DK372	44
DK380	55
DK381	57
DK382	57
DK470	64
DK471	65
DK480	70
DK8370	4
DK8372	5
DK8380	8
DK9370	77

Profil	Seite
DK9371	80
DK9373	78
DK9380	86
DKB88	5
DKF88_2	6
DKP88	8
EDM88	14
ESPBR1	42
ESPBR2	45
ESPBR4	66
ESPBR5	80
ESPBR6	4
ESPMV	5
ESPMV	15
ESPMV1	57
ESPPF2	55
ESPPF3	57
ESPPF4	8
EVDM88	18
FB40	123
FB102	123
FB105	122
FB31	122
FB34	122
FB49	123
FB52	122
FB65	122
GF9016.02	132
GF9016.04	131
GF9016.04	132
GF9020.02	132
GF9020.04	131
GF9020.04	132
K1085	127
K174	131
K184N	4
K3851L	58
K3851R	58
K3852	58
K386	58
K3862	58
K387	58
K4784	67
K485	71
K4851L	71
K4851R	71
K4852	71
K574	131
K5784	46
K7796	59
K784	46
K785	46
K785	82
K8322A	9
K8322AA	9
K8322I	9
K8324A	9
K8324AA	9
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K9387	88
K9784	82
KB70	41

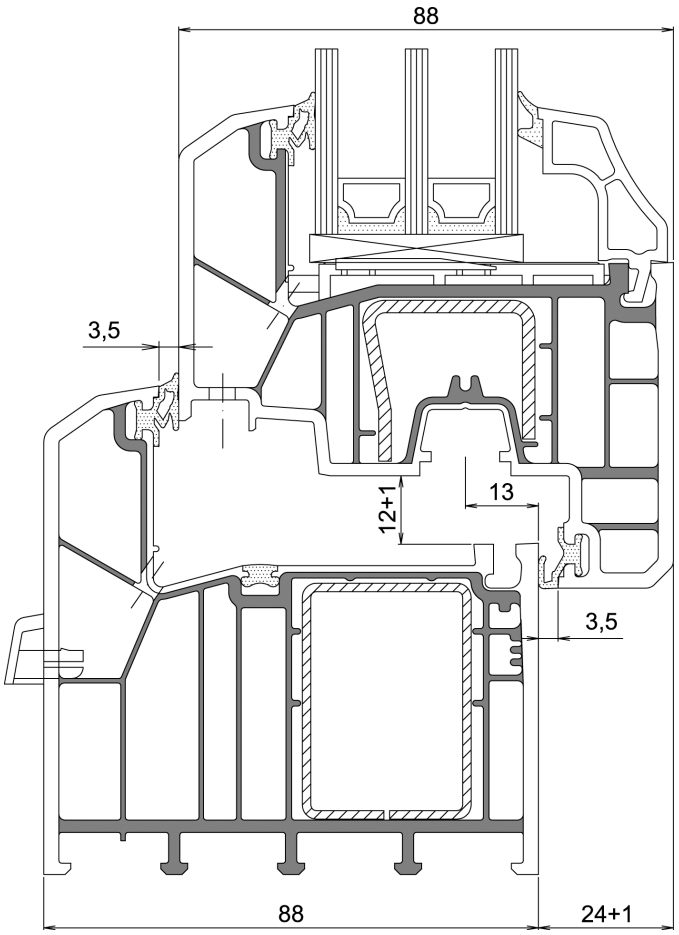
Profil	Seite
KB70	82
KBF 70	77
KBSG1	55
LB 88	133
LMD70	134
LMD70P	134
MS185	7
PremiVent	135
RA17AD	133
RA17RF	133
RA17UL	133
S 8372	5
S 8380	8
S 8380S	8
S 8395	6
S 8395S	6
S036	104
S304020	86
S304215	5
S3311	46
S3370	4
S3682	59
S3701	42
S3702	42
S3702A	42
S3703	42
S3722	44
S3772A	46
S404000	51
S504000	7
S604000L	52
S604000R	52
S604025	52
S604025	90
S8851	10
SH331	46
SH370	42
SH431	66
SH70	42
SH70P	42
SK8324A	9
SK8324AA	9
SK8324AA	35
SK8324IL	9
SK8324IR	9
SP 368.77	59
SP 368.77	90
SP2708	124
SP2713	124
SP4713	124
SP4713	124
SP750	124
SP750	124
SP751	124
SP751	124
SP7608	124
SP7608	124
SP7613	124
SP7613	124
SP885.77	10
SP92609	128
SP92611	128
SP92708	128
SP92710	128
SP93508	128
SP93508	128

Profil	Seite
SP93509	128
SP93509	128
SP93510	128
SP93511	128
SP95011	128
SP95013	128
ST304215	5
ST8380	8
T1085	127
T4095	127
V081	106
V107	103
V108	104
V110	102
V111. 1	95
V148	95
V380	55
V380A	55
V380S	8
V381	57
V381A	57
V382	57
V382A	57
V7795	126
V8380	8
V8380A	8
V8380F	8
V8380M	18
V8380MA	18
V9380	86
V9380A	86
V9381	86
V9381A	86
VSP368	59
VSP885	10
WS88	4

System_88mm

Anschlagdichtungssystem
Double seal system

Systemmerkmale
System features



Technische Daten - Prüfwerte Fenster ***Technical data - test values Windows***	
Wärmedurchgangskoeffizient *Heat transfer coefficient*	**bis U_f = 1,1 W/(m²K)**
Widerstandsfähigkeit gegen Windlast *Resistance to wind load*	**bis Klasse C5 / B5**
Schlagregendichtheit - Ungeschützt (A) *Tightness against driving rain - unprotected (A)*	**bis E 1200**
Luftdurchlässigkeit *Air permeability*	**bis Klasse 4**
Schallschutz *Sound insulation*	**bis 48 dB**
Einbruchhemmung *Burglar-resistant*	**bis RC 2 (WK 2)**

System Highlights

- Profilsystem mit einer Bautiefe 88 mm. Flügelprofile sind flächenversetzt erhältlich
- Die auf Gehrung geschnittenen Glasleisten abgerundet sorgen für eine ästhetische Optik.
- Verschweißbare PCE Dichtungen in schwarz oder lichtgrau.
- Hohe Eigensteifigkeit der Profile durch die einzigartige Anordnung der Stege kennzeichnen diese Konstruktion und gewährleisten die Dauergebrauchsfähigkeit der Fenster.
- Kontrolliertes Entwässern und Belüften durch die Vorkammern im Blend- und Flügelrahmen.
- Beschlagsnut 16 mm mit Hinterschneidung für Klipsbeschlag.
- Verglasung oder Füllung bis zu 54 mm ohne Zusatzprofile möglich. Auch bei schweren Verglasungen kein Durchbiegen der Flügelprofile.
- Einfache und fachgerechte Montage durch die variable Gestaltung der Klipsfunktion bei den Blendrahmen. Das KBE Zusatz- und Nebenprofilprogramm bietet zusätzlich umfangreiche Auswahlmöglichkeiten.
- Mitteldichtung (optional) einsetzbar

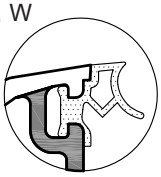
System highlights

- *Profile system with 88 mm installation depth. Sash profiles are available offset.*
- *The mitred, radiused glazing beads provide for an aesthetic look.*
- *Weldable PCE gaskets in black or light grey.*
- *The design of these profiles is characterised by high inherent rigidity brought about by the unique web arrangement and safeguarding the windows' permanent fitness for use.*
- *Controlled drainage and ventilation through the antechambers in the outer and sash frame.*
- *16 mm hardware groove with undercut for clip-on hardware.*
- *Glazing or panelling up to 54 mm without additional profiles. No sash profile deflection even with heavy glazing.*
- *Variable outer frame clip designs for simple and professional installation. The KBE range of additional and ancillary profiles provides an extensive line of alternative choices.*
- *Central seal (optional)*

Dichtungssystem
Seals system

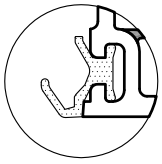
Verschweißbare Dichtungen *Weldable Seals*

X, W



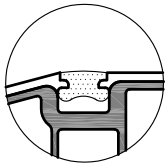
PCE
Verglasungsdichtung
rebate seal

Z



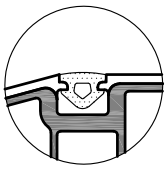
PCE
Anschlagdichtung
rebate seal

Y



(PCE)
Verschweißbarer Keder

Y



FAD 88
(EPDM)
Handeinzug-Keder
manual roll-in weatherstrip

TPE-Dichtungen / TPE-*Seals*

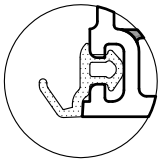
schweißbare Reparaturdichtungen
weldable repair gaskets

X, W



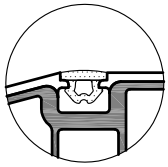
DP 7

Z

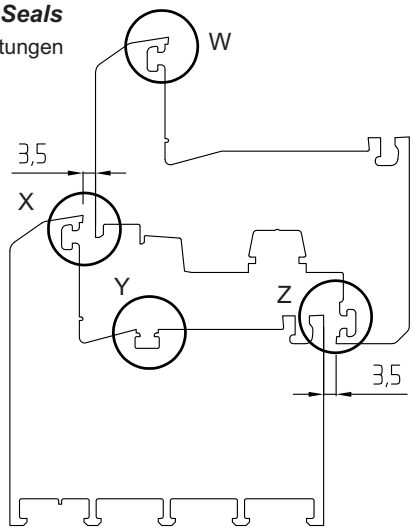


DP 6

Y

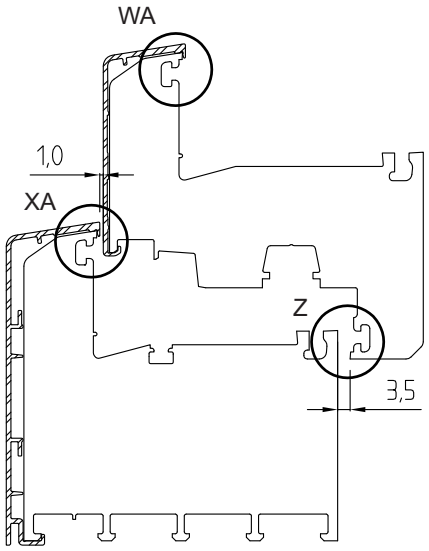


(TPE)
Einroll-Keder



PCE = Verschweißbare Dichtungen die bei Profilausführungen in **lichtgrauer oder schwarzer Dichtung** bereits im Profil integriert sind.

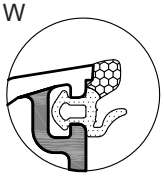
*PCE = weldable gaskets that are already integrated in the profile designs **light grey gasket** or **black gasket.***



EPDM Dichtungen / *EPDM Seals*

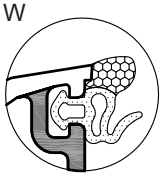
(schwarz, lichtgrau RAL 7035 oder grau RAL 7038
(black, light grey RAL 7035 or grey RAL 7038)

X, W



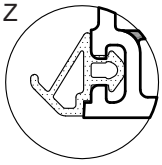
256

X, W



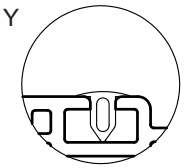
257

X, Z



228

Y

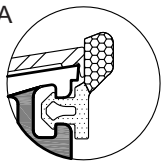


179 nur bei Stulp 8322, 8324

EPDM Dichtungen für Alu-Schalen *EPDM Seals for Alu-cladding*

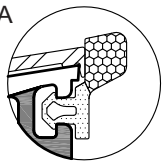
Verglasungsdichtungen / *Glazing Seals*

WA



ASD 02

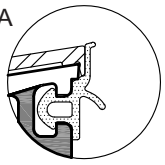
WA



ASD 04

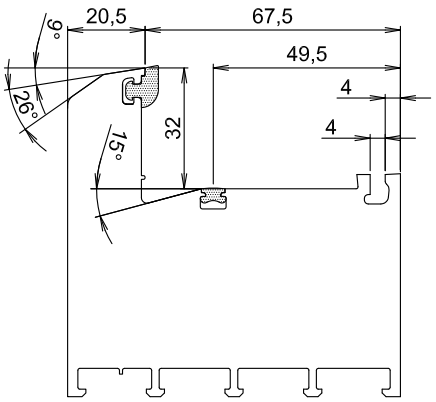
Anschlagdichtungen / *rebate seals*

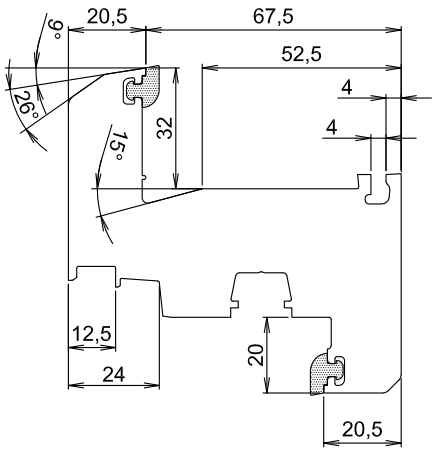
XA

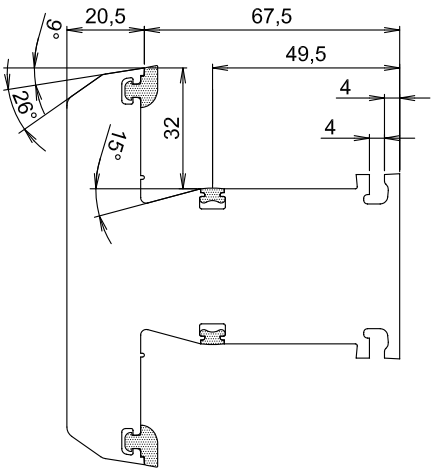


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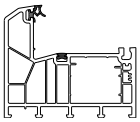
Systemmaße für Bearbeitungsmaschinen
System dimensions for processing machines



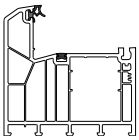




Rahmenprofile
Frame profiles

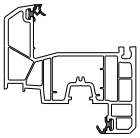


8370.07
Blendrahmen 75 mm
Outer frame
Seite/*Page* **4**

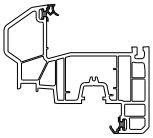


8372.07
Blendrahmen 87 mm
Outer frame
Seite/*Page* **5**

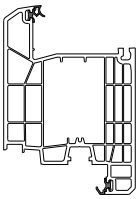
Flügelprofile
Sash profiles



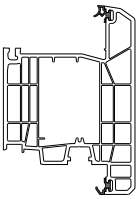
8395.67
Flügel 86 mm
Sash
Seite/*Page* **6**



8396.67
Stillügel 86 mm
Sash
Seite/*Page* **6**

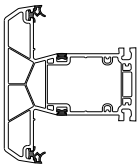


8373.67
Flügel 126 mm
Sash
Seite/*Page* **7**



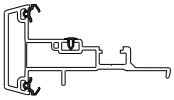
8374.67
Flügel 126 mm
Sash
Seite/*Page* **7**

Pfosten/Kämpfer und Flügelsprossen
mullion / transom and sash rails

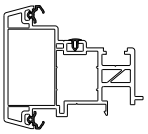


8380.77
Pfosten 105 mm
Mullion/transom
Seite/*Page* **8**

Stulpprofile
floating mullion profiles

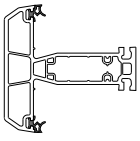


8322.06
Stulpprofil 60 mm
Floating mullion profile
Seite/*Page* **9**



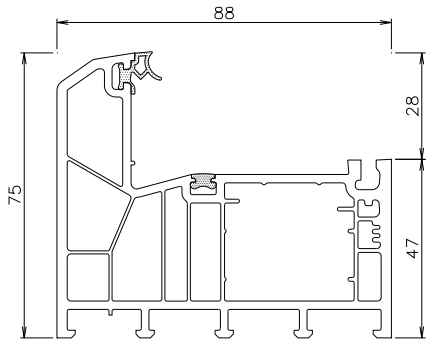
8324.06
Stulpprofil 82 mm
Floating mullion profile
Seite/*Page* **9**

Flügelsprosse
sash rail

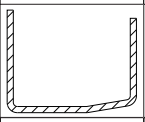
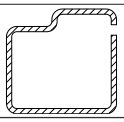
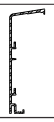
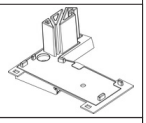


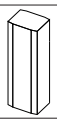
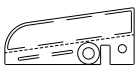
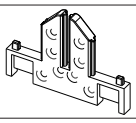
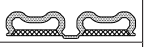
SP885.77
Flügelsprosse 85 mm
Sash rail
Seite/*Page* **10**

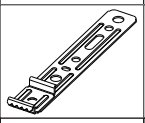
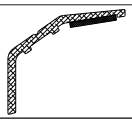
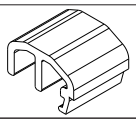
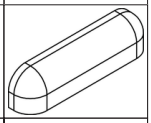
8370.07 Blendrahmen 75 mm / *Outer frame*

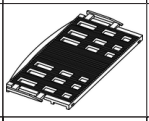
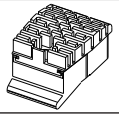
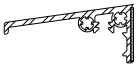


8370.07 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

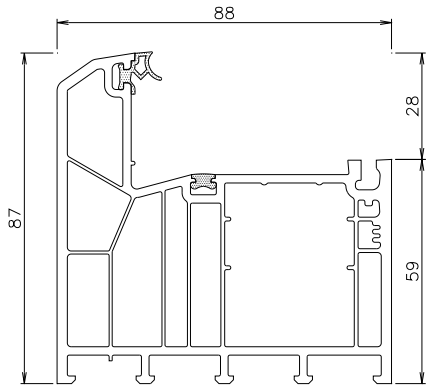
Zubehör *Ancillaries*	207	S3370	AS8370	DK8370
Bezeichnung	Verstärkung 1,5 mm	Verstärkung 1,5 mm	Aluschale	Dichtkissen/ Schwellenverbinder
Name	*Reinforcement*	*Reinforcement*	*Aluminium cover*	*Sealing pad/conector for threshold*
Zeichnung *Drawing*				
Values	I_x = 1,8 cm⁴ I_y = 0,6 cm⁴	I_x = 2,0 cm⁴ I_y = 2,2 cm⁴	E: 272 mm S: 106 mm	

Zubehör *Ancillaries*	ESPBR6	K184N	8942	9H13
Bezeichnung	Einschubprofil	Endkappe für 184	Schwellenhalter	Nutabdeckprofil Rahmenrücken
Name	*View slide*	*End cap*	*Connector*	*Groove cover profile frame backside*
Zeichnung *Drawing*				
Values				

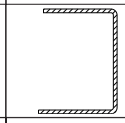
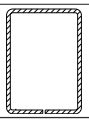
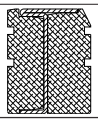
Zubehör *Ancillaries*	8971	8182	199	195
Bezeichnung	Einschlaganker	Trittschutz	Auflaufbock	Schlitzkappe
Name	*Wall anchor*	*Door tread bar*	*Sliding support*	*Water slot cap*
Zeichnung *Drawing*				
Values				

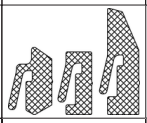
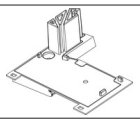
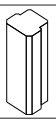
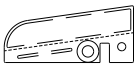
Zubehör *Ancillaries*	9G16	WS88	8731	184
Bezeichnung	Glasfalzeinlage	Falzpad	Bodenschwelle	Trittschwelle
Name	*Rebate insert*	*Wind-Stop*	*Door threshold*	*Door tread threshold*
Zeichnung *Drawing*				
Values				

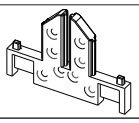
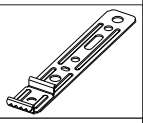
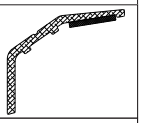
8372.07 Blendrahmen 87 mm / *Outer frame*

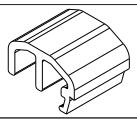
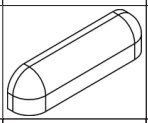
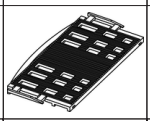
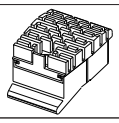


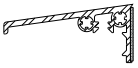
8372.07 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	S 8372	S304215	ST304215	AS8372
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Verstärkung 1,5 mm *Reinforcement*	Thermostahl 1,5 mm *Thermo steel*	Aluschale *Aluminium cover*
Zeichnung *Drawing*				
Values	I_x = 1,4 cm⁴ I_y = 4,4 cm⁴	I_x = 3,0 cm⁴ I_y = 4,9 cm⁴	I_x = 0,3 cm⁴ I_y = 2,9 cm⁴	E: 305 mm S: 119 mm

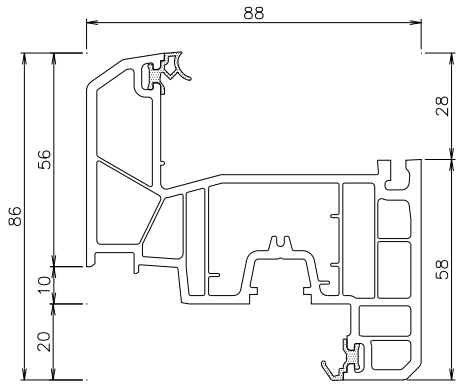
Zubehör *Ancillaries*	DKB88	DK8372	ESPMV	K184N
Bezeichnung *Name*	Dämmkernset für Blendrahmen *Insulation core set for outer frames*	Dichtkissen/ Schwellenverbinder *Sealing pad/conector for threshold*	Einschubprofil *View slide*	Endkappe für 184 *End cap*
Zeichnung *Drawing*				
Values				

Zubehör *Ancillaries*	8942	9H13	8971	8182
Bezeichnung *Name*	Schwellenhalter *Connector*	Nutabdeckprofil Rahmenrücken *Groove cover profile frame backside*	Einschlaganker *Wall anchor*	Trittschutz *Door tread bar*
Zeichnung *Drawing*				
Values				

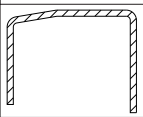
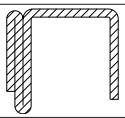
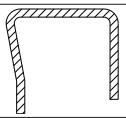
Zubehör *Ancillaries*	199	195	9G16	WS88
Bezeichnung *Name*	Auflaufbock *Sliding support*	Schlitzkappe *Water slot cap*	Glasfalzeinlage *Rebate insert*	Falzpad *Wind-Stop*
Zeichnung *Drawing*				
Values				

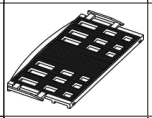
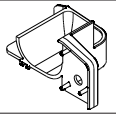
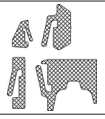
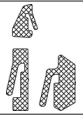
Zubehör *Ancillaries*	8731	184
Bezeichnung *Name*	Bodenschwelle *Door threshold*	Trittschwelle *Door tread threshold*
Zeichnung *Drawing*		
Values		

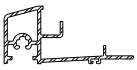
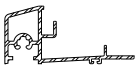
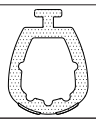
8395.67 Flügel 86 mm / *Sash*



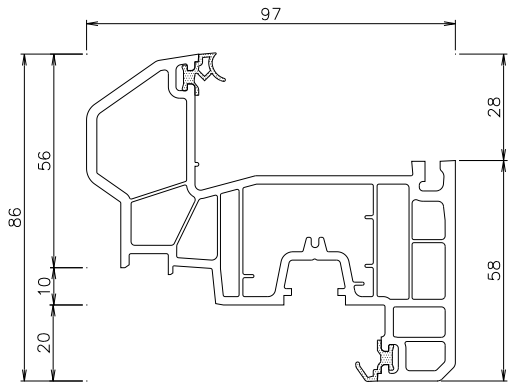
8395.67 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	207	S 8395S	S 8395	AS8395
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Verstärkung 2,25 mm *Reinforcement*	Verstärkung 2,25 mm *Reinforcement*	Aluschale *Aluminium cover*
Zeichnung *Drawing*				
Values	I_x = 1,8 cm⁴ I_y = 0,6 cm⁴	I_x = 3,4 cm⁴ I_y = 1,9 cm⁴	I_x = 2,5 cm⁴ I_y = 1,3 cm⁴	E: 175 mm S: 91 mm

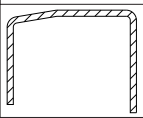
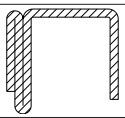
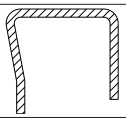
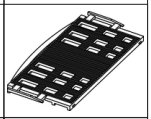
Zubehör *Ancillaries*	9G16	K8741	DKF88	DKF88_2
Bezeichnung *Name*	Glasfalzeinlage *Rebate insert*	Endkappe für 8741 *End cap*	Dämmkernset für Flügel *Insulation core set for sashes*	Dämmkernset für Pfosten *Insulation core set for sashes*
Zeichnung *Drawing*				
Values				

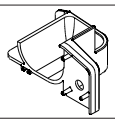
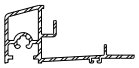
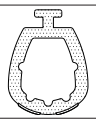
Zubehör *Ancillaries*	8742	8741	5044
Bezeichnung *Name*	Alu-Wetterschenkel für Aluschale *Aluminium weather bar*	Alu-Wetterschenkel *Aluminium weather bar*	Dichtung für Alu-Wetterschenkel *Seal for ALU-Weather bar*
Zeichnung *Drawing*			
Values			

8396.67 Stillügel 86 mm / *Sash*

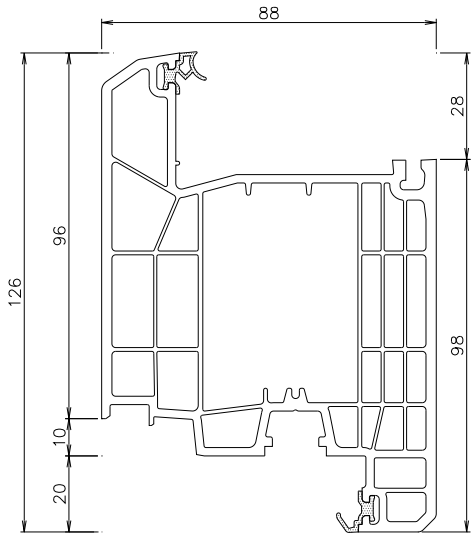


8396.67 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

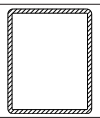
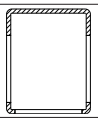
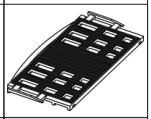
Zubehör *Ancillaries*	207	S 8395S	S 8395	9G16
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Verstärkung 2,25 mm *Reinforcement*	Verstärkung 2,25 mm *Reinforcement*	Glasfalzeinlage *Rebate insert*
Zeichnung *Drawing*				
Values	I_x = 1,8 cm⁴ I_y = 0,6 cm⁴	I_x = 3,4 cm⁴ I_y = 1,9 cm⁴	I_x = 2,5 cm⁴ I_y = 1,3 cm⁴	

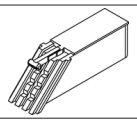
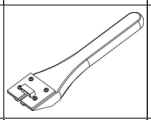
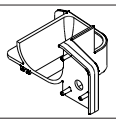
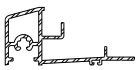
Zubehör *Ancillaries*	K8741	8741	5044
Bezeichnung *Name*	Endkappe für 8741 *End cap*	Alu-Wetterschenkel *Aluminium weather bar*	Dichtung für Alu-Wetterschenkel *Seal for ALU-Weather bar*
Zeichnung *Drawing*			
Values			

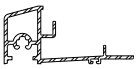
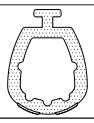
8373.67 Flügel 126 mm / *Sash*



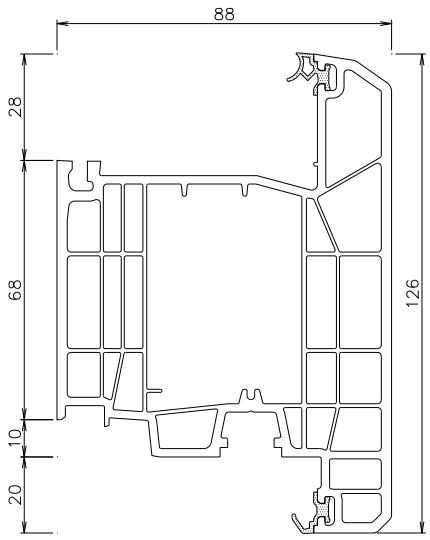
8373.67 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	614	S504000	AS8373	9G16
Bezeichnung *Name*	Verstärkung 2 mm *Reinforcement*	Verstärkung 2 mm *Reinforcement*	Aluschale *Aluminium cover*	Glasfalzeinlage *Rebate insert*
Zeichnung *Drawing*				
Values	I_x = 8,5 cm⁴ I_y = 12,0 cm⁴	I_x = 8,5 cm⁴ I_y = 12,0 cm⁴	E: 252 mm S: 130 mm	

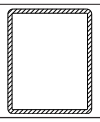
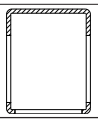
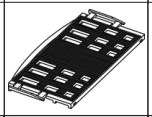
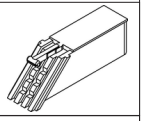
Zubehör *Ancillaries*	198	MS185	K8741	8742
Bezeichnung *Name*	Haustür-Eckverbinder *Residential door corner connector*	Montageschlüssel *Insertion device*	Endkappe für 8741 *End cap*	Alu-Wetterschenkel für Aluschale *Aluminium weather bar*
Zeichnung *Drawing*				
Values				

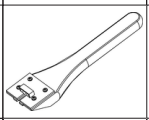
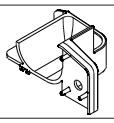
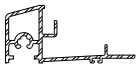
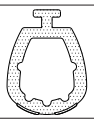
Zubehör *Ancillaries*	8741	5044
Bezeichnung *Name*	Alu-Wetterschenkel *Aluminium weather bar*	Dichtung für Alu-Wetterschenkel *Seal for ALU-Weather bar*
Zeichnung *Drawing*		
Values		

8374.67 Flügel 126 mm / *Sash*

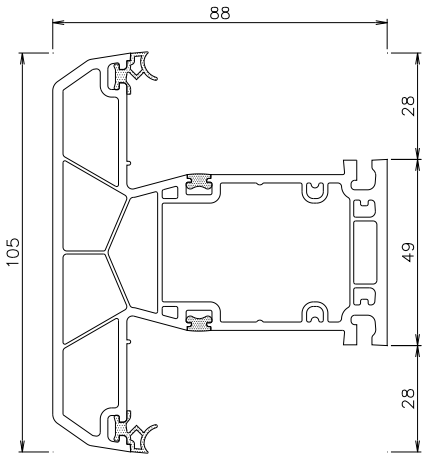


8374.67 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

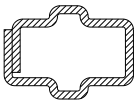
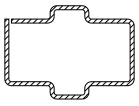
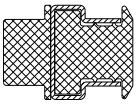
Zubehör *Ancillaries*	614	S504000	9G16	198
Bezeichnung *Name*	Verstärkung 2 mm *Reinforcement*	Verstärkung 2 mm *Reinforcement*	Glasfalzeinlage *Rebate insert*	Haustür-Eckverbinder *Residential door corner connector*
Zeichnung *Drawing*				
Values	I_x = 8,5 cm⁴ I_y = 12,0 cm⁴	I_x = 8,5 cm⁴ I_y = 12,0 cm⁴		

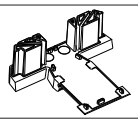
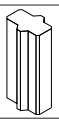
Zubehör *Ancillaries*	MS185	K8741	8741	5044
Bezeichnung *Name*	Montageschlüssel *Insertion device*	Endkappe für 8741 *End cap*	Alu-Wetterschenkel *Aluminium weather bar*	Dichtung für Alu-Wetterschenkel *Seal for ALU-Weather bar*
Zeichnung *Drawing*				
Values				

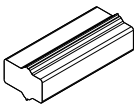
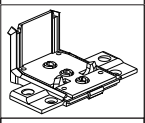
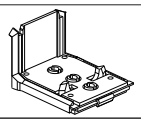
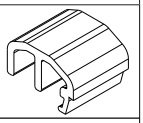
8380.77 Pfosten 105 mm / *Mullion/transom*

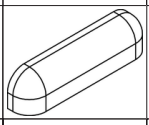
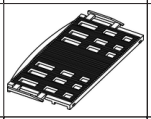
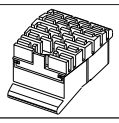


8380.77 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

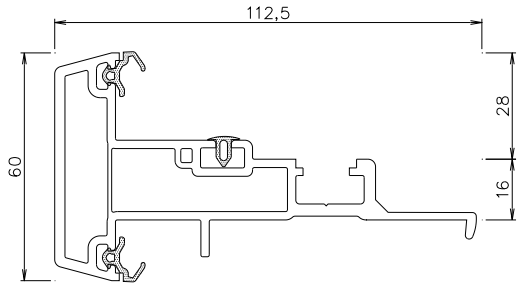
Zubehör *Ancillaries*	S 8380S	S 8380	ST8380	AS8380
Bezeichnung	Verstärkung 3mm	Verstärkung 1,5 mm	Thermostahl 1,5 mm	Aluschale
Name	*Reinforcement*	*Reinforcement*	*Thermo steel*	*Aluminium cover*
Zeichnung *Drawing*				
Values	I_x = 12,3 cm⁴ I_y = 5,3 cm⁴	I_x = 6,2 cm⁴ I_y = 3,2 cm⁴	I_x = 0,9 cm⁴ I_y = 2,1 cm⁴	E: 354 mm S: 162 mm

Zubehör *Ancillaries*	DKP88	DK8380	ESPPF4	V8380F
Bezeichnung	Dämmkernset für Pfosten	Dichtkissen/ Schwellenverbinder	Einschubprofil	Füllstück
Name	*Insulation core set for mullions*	*Sealing pad/conector for threshold*	*View slide*	*Filler*
Zeichnung *Drawing*				
Values				

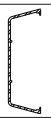
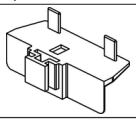
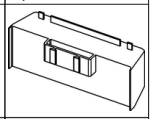
Zubehör *Ancillaries*	V380S	V8380	V8380A	199
Bezeichnung	Einschubprofil	Pfostenverbinder	Pfostenverbinder	Auflaufbock
Name	*View slide*	*Transom connector*	*Transom connector*	*Sliding support*
Zeichnung *Drawing*				
Values				

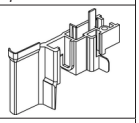
Zubehör *Ancillaries*	195	9G16	WS88
Bezeichnung	Schlitzkappe	Glasfalzeinlage	Falzpad
Name	*Water slot cap*	*Rebate insert*	*Wind-Stop*
Zeichnung *Drawing*			
Values			

8322.06 Stulpprofil 60 mm / *Floating mullion profile*

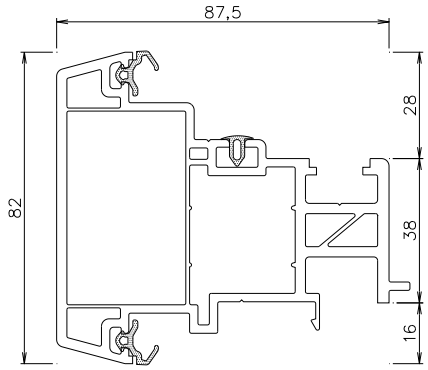


8322.06 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

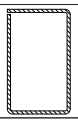
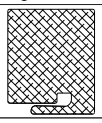
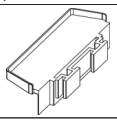
Zubehör *Ancillaries*	832208	AS8322	K8322A	K8322AA
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Aluschale *Aluminium cover*	Stulpendkappe *Floating mullion end cap*	Stulpendkappe für Aluschale *Floating mullion end cap*
Zeichnung *Drawing*				
Values	I_x = 3,2 cm^4 I_y = 0,4 cm^4	E: 201 mm S: 104 mm		

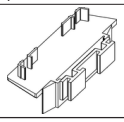
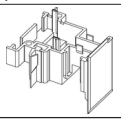
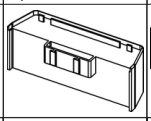
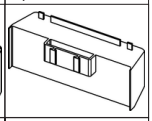
Zubehör *Ancillaries*	K8322I
Bezeichnung *Name*	Stulpendkappe *Floating mullion end cap*
Zeichnung *Drawing*	
Values	

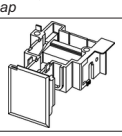
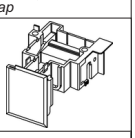
8324.06 Stulpprofil 82 mm / *Floating mullion profile*



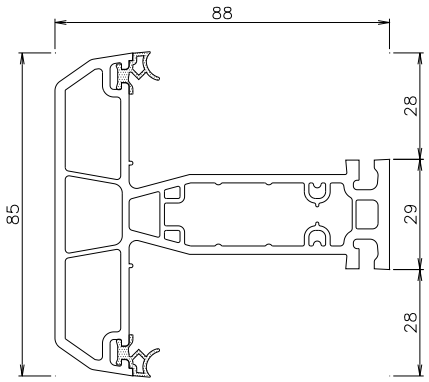
8324.06 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	810208	AS8324	9G68	K8324A
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Aluschale *Aluminium cover*	Dämmkern für Stulp *Insulation core for floating mullio*	Stulpendkappe *Floating mullion end cap*
Zeichnung *Drawing*				
Values	I_x = 3,4 cm^4 I_y = 7,6 cm^4	E: 250 mm S: 129 mm		

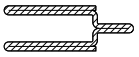
Zubehör *Ancillaries*	K8324AA	K8324I	SK8324A	SK8324AA
Bezeichnung *Name*	Stulpendkappe für Aluschale *Floating mullion end cap*	Stulpendkappe *Floating mullion end cap*	Stulpendkappe für Schwelle *Floating mullion end cap*	Stulpendkappe für Schwelle *Floating mullion end cap*
Zeichnung *Drawing*				
Values				

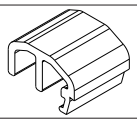
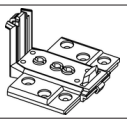
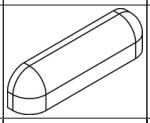
Zubehör *Ancillaries*	SK8324IL	SK8324IR
Bezeichnung *Name*	Stulpendkappe *Floating mullion end cap*	Stulpendkappe *Floating mullion end cap*
Zeichnung *Drawing*		
Values		

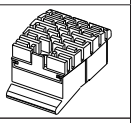
SP885.77 Flügelsprosse 85 mm / *Sash rail*



SP885.77 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	S8851	606	ASP885	V8380F
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Verstärkung 1,5 mm *Reinforcement*	Aluschale *Aluminium cover*	Füllstück *Filler*
Zeichnung *Drawing*				
Values	I_x = 2,9 cm⁴ I_y = 0,7 cm⁴	I_x = 1,3 cm⁴ I_y = 0,4 cm⁴	E: 264 mm S: 138 mm	

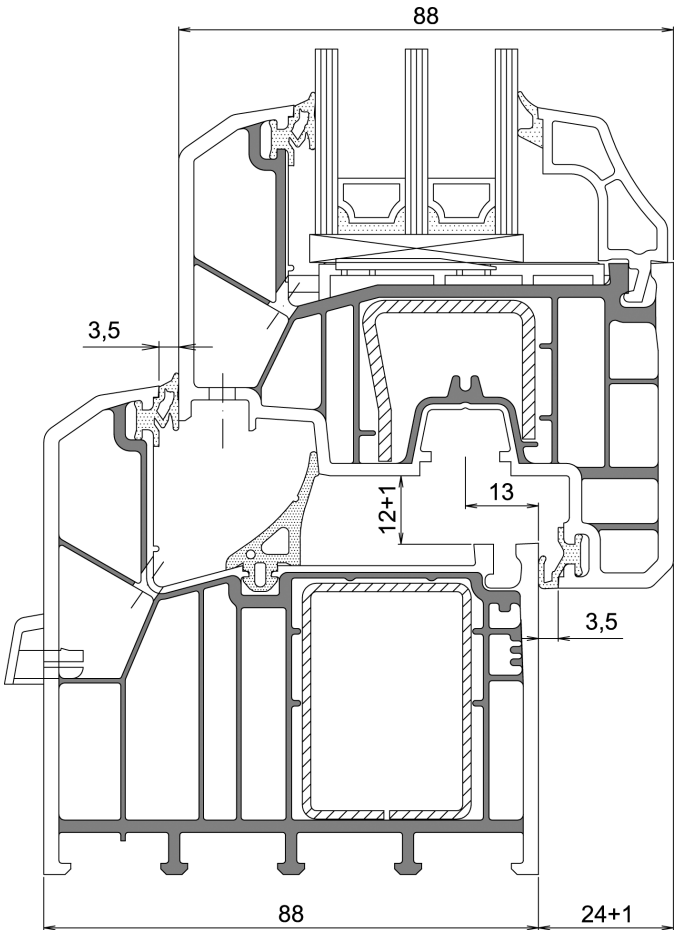
Zubehör *Ancillaries*	199	VSP885	195	9G16
Bezeichnung *Name*	Auflaufbock *Sliding support*	Flügelsprossen-verbinder *Georgian bars connector*	Schlitzkappe *Water slot cap*	Glasfalzeinlage *Rebate insert*
Zeichnung *Drawing*				
Values				

Zubehör *Ancillaries*	WS88
Bezeichnung *Name*	Falzpad *Wind-Stop*
Zeichnung *Drawing*	
Values	

System_88md

Mitteldichtungssystem
Central seal system

Systemmerkmale
System features



Technische Daten - Prüfwerte Fenster ***Technical data - test values Windows***	
Wärmedurchgangskoeffizient *Heat transfer coefficient*	**bis U_f = 1,0 W/(m²K)**
Widerstandsfähigkeit gegen Windlast *Resistance to wind load*	**bis Klasse C5 / B5**
Schlagregendichtheit - Ungeschützt (A) *Tightness against driving rain - unprotected (A)*	**bis E 1200**
Luftdurchlässigkeit *Air permeability*	**bis Klasse 4**
Schallschutz *Sound insulation*	**bis 48 dB**
Einbruchhemmung *Burglar-resistant*	**bis RC 2 (WK 2)**

System Highlights

- Profilsystem mit einer Bautiefe 88 mm. Flügelprofile sind flächenversetzt erhältlich
- Die auf Gehrung geschnittenen Glasleisten abgerundet sorgen für eine ästhetische Optik.
- Verschweißbare PCE Dichtungen in schwarz oder lichtgrau.
- Hohe Eigensteifigkeit der Profile durch die einzigartige Anordnung der Stege kennzeichnen diese Konstruktion und gewährleisten die Dauergebrauchsfähigkeit der Fenster.
- Kontrolliertes Entwässern und Belüften durch die Vorkammern im Blend- und Flügelrahmen.
- Beschlagsnut 16 mm mit Hinterschneidung für Klipsbeschlag. Verglasung oder Füllung bis zu 54 mm ohne Zusatzprofile möglich.
- Auch bei schweren Verglasungen kein Durchbiegen der Flügelprofile.
- Einfache und fachgerechte Montage durch die variable Gestaltung der Klipsfunktion bei den Blendrahmen. Das KBE Zusatz- und Nebenprofilprogramm bietet zusätzlich umfangreiche Auswahlmöglichkeiten.
- Verschweißbare TPE oder herkömmliche EPDM Mitteldichtung in schwarz oder lichtgrau.

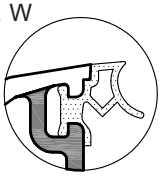
System highlights

- *Profile system with 88 mm installation depth. Sash profiles are available offset.*
- *The mitred, radiused glazing beads provide for an aesthetic look.*
- *Weldable PCE gaskets in black or light grey.*
- *The design of these profiles is characterised by high inherent rigidity brought about by the unique web arrangement and safeguarding the windows' permanent fitness for use.*
- *Controlled drainage and ventilation through the antechambers in the outer and sash frame.*
- *16 mm hardware groove with undercut for clip-on hardware.*
- *Glazing or panelling up to 54 mm without additional profiles. No sash profile deflection even with heavy glazing.*
- *Variable outer frame clip designs for simple and professional installation. The KBE range of additional and ancillary profiles provides an extensive line of alternative choices.*
- *Weldable* TPE *or conventional EPDM center seal in black or light gray.*

Dichtungssystem
Seals system

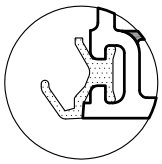
Verschweißbare Dichtungen *Weldable Seals*

X, W



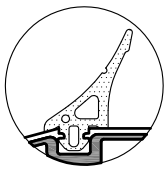
PCE
Verglasungsdichtung
rebate seal

Z



PCE
Anschlagdichtung
rebate seal

Y

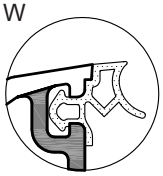


TPE
Mitteldichtung
werkseitig eingebracht
center seal
with preinstalled

TPE-Dichtungen / TPE-*Seals*

schweißbare Reparaturdichtungen
weldable repair gaskets

X, W



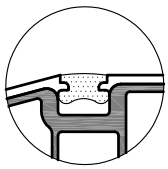
DP 7

Z

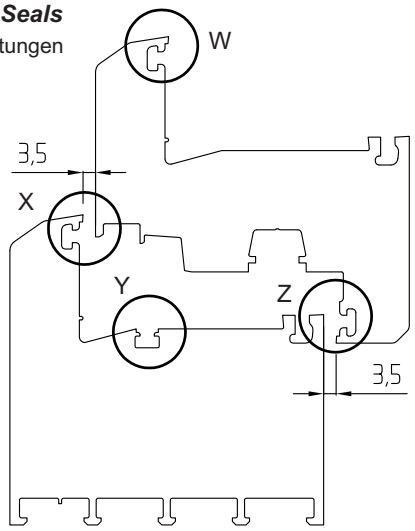


DP 6

Y

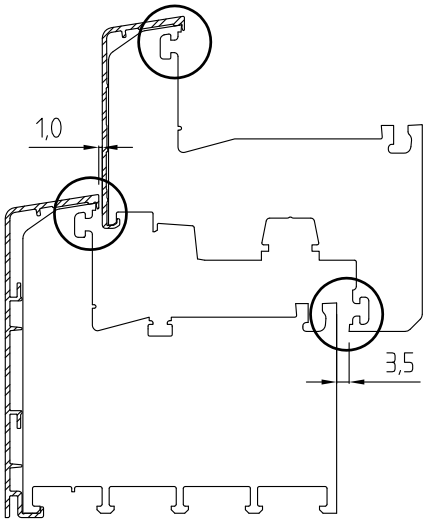


(PCE)
Verschweißbarer Keder



PCE = Verschweißbare Dichtungen die bei Profilausführungen in **lichtgrauer oder schwarzer Dichtung** bereits im Profil integriert sind.

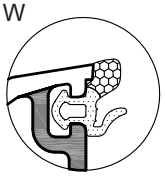
*PCE = weldable gaskets that are already integrated in the profile designs **light grey gasket** or **black gasket.***



EPDM Dichtungen / *EPDM Seals*

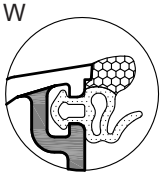
(schwarz, lichtgrau RAL 7035 oder grau RAL 7038
(black, light grey RAL 7035 or grey RAL 7038)

X, W



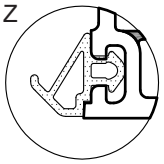
256

X, W



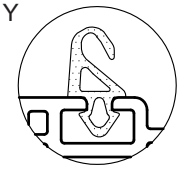
257

X, Z



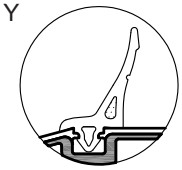
228

Y



9G49
nur bei Stulp 8322, 8324

Y

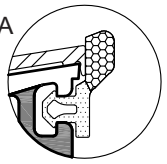


DM 88

EPDM Dichtungen für Alu-Schalen *EPDM Seals for Alu-cladding*

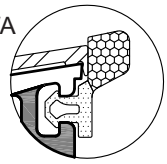
Verglasungsdichtungen / *Glazing Seals*

WA



ASD 02

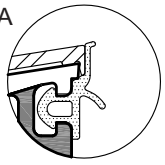
WA



ASD 04

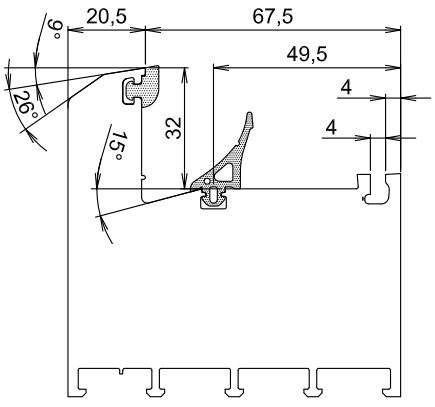
Anschlagdichtungen / *rebate seals*

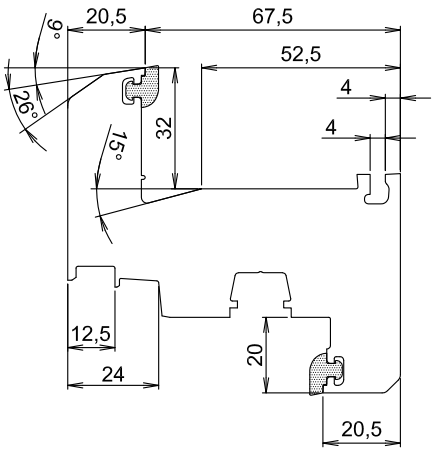
XA

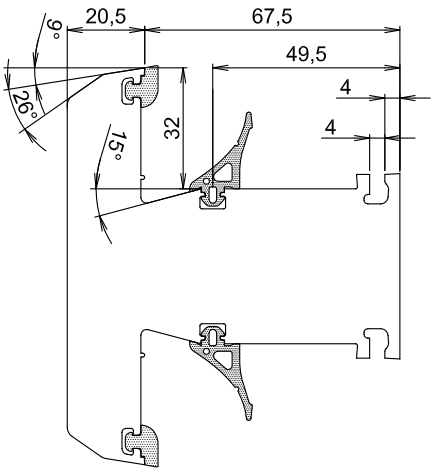


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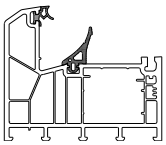
Systemmaße für Bearbeitungsmaschinen
System dimensions for processing machines



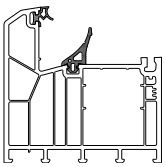




Rahmenprofile
Frame profiles

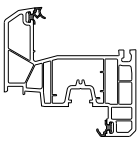


8370.7M
Blendrahmen 75 mm
Outer frame
Seite/*Page* **14**

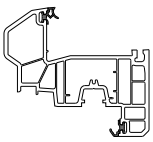


8372.7M
Blendrahmen 87 mm
Outer frame
Seite/*Page* **15**

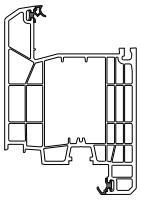
Flügelprofile
Sash profiles



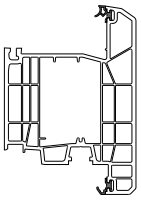
8395.67
Flügel 86 mm
Sash
Seite/*Page* **16**



8396.67
Stillügel 86 mm
Sash
Seite/*Page* **16**

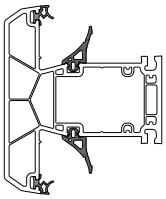


8373.67
Flügel 126 mm
Sash
Seite/*Page* **17**



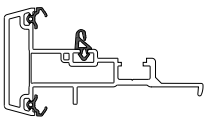
8374.67
Flügel 126 mm
Sash
Seite/*Page* **17**

Pfosten/Kämpfer und Flügelsprossen
mullion / transom and sash rails

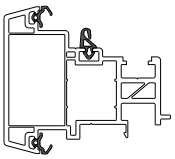


8380.7M
Pfosten 105 mm
Mullion/transom
Seite/*Page* **18**

Stulpprofile
floating mullion profiles

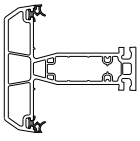


8322.06M
Stulpprofil 60 mm
Floating mullion profile
Seite/*Page* **19**



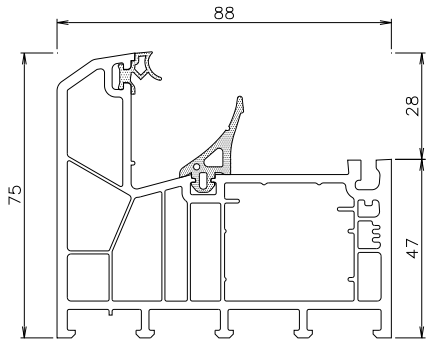
8324.06M
Stulpprofil 82 mm
Floating mullion profile
Seite/*Page* **19**

Flügelsprosse
sash rail

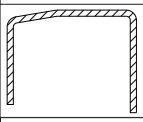
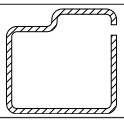
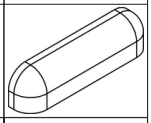


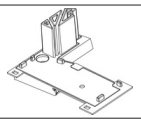
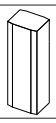
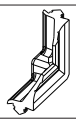
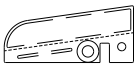
SP885.77
Flügelsprosse 85 mm
Sash rail
Seite/*Page* **20**

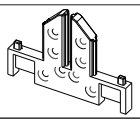
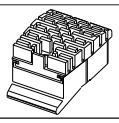
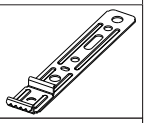
8370.7M Blendrahmen 75 mm / *Outer frame*

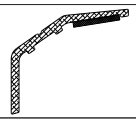
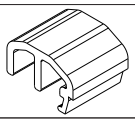
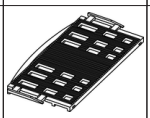


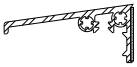
8370.7M mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	**207**	**S3370**	**AS8370**	**195**
Bezeichnung	Verstärkung 1,5 mm	Verstärkung 1,5 mm	Aluschale	Schlitzkappe
Name	*Reinforcement*	*Reinforcement*	*Aluminium cover*	*Water slot cap*
Zeichnung *Drawing*				
Values	I_x = 1,8 cm⁴ I_y = 0,6 cm⁴	I_x = 2,0 cm⁴ I_y = 2,2 cm⁴	E: 272 mm S: 106 mm	

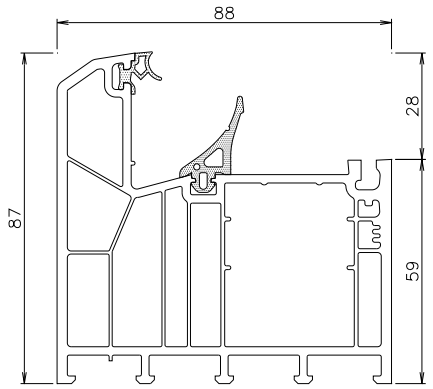
Zubehör *Ancillaries*	**DK8370**	**ESPBR6**	**EDM88**	**K184N**
Bezeichnung	Dichtkissen/ Schwellenverbinder	Einschubprofil	Mitteldichtungsecke	Endkappe für 184
Name	*Sealing pad/conector for threshold*	*View slide*	*Center seal corner*	*End cap*
Zeichnung *Drawing*				
Values				

Zubehör *Ancillaries*	**8942**	**WS88**	**9H13**	**8971**
Bezeichnung	Schwellenhalter	Falzpad	Nutabdeckprofil Rahmenrücken	Einschlaganker
Name	*Connector*	*Wind-Stop*	*Groove cover profile frame backside*	*Wall anchor*
Zeichnung *Drawing*				
Values				

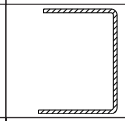
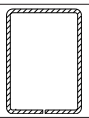
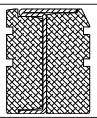
Zubehör *Ancillaries*	**8182**	**199**	**9G16**	**8731**
Bezeichnung	Trittschutz	Auflaufbock	Glasfalzeinlage	Bodenschwelle
Name	*Door tread bar*	*Sliding support*	*Rebate insert*	*Door threshold*
Zeichnung *Drawing*				
Values				

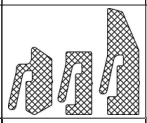
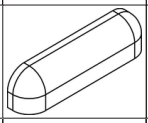
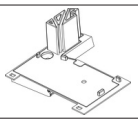
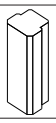
Zubehör *Ancillaries*	**184**
Bezeichnung	Trittschwelle
Name	*Door tread threshold*
Zeichnung *Drawing*	
Values	

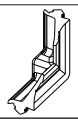
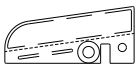
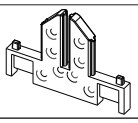
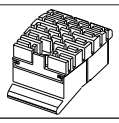
8372.7M Blendrahmen 87 mm / *Outer frame*

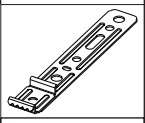
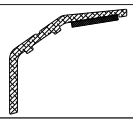
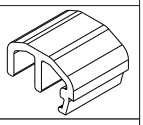


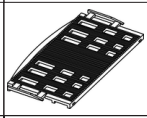
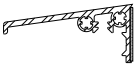
8372.7M mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	S 8372	S304215	ST304215	AS8372
Bezeichnung	Verstärkung 1,5 mm	Verstärkung 1,5 mm	Thermostahl 1,5 mm	Aluschale
Name	*Reinforcement*	*Reinforcement*	*Thermo steel*	*Aluminium cover*
Zeichnung *Drawing*				
Values	I_x = 1,4 cm⁴ I_y = 4,4 cm⁴	I_x = 3,0 cm⁴ I_y = 4,9 cm⁴	I_x = 0,3 cm⁴ I_y = 2,9 cm⁴	E: 305 mm S: 119 mm

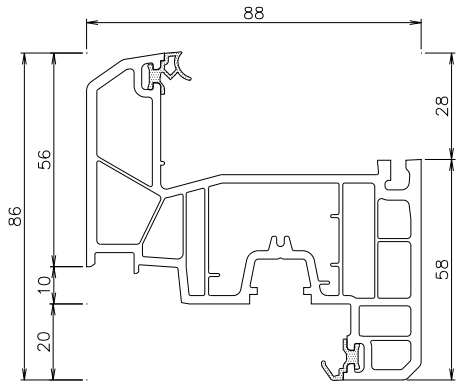
Zubehör *Ancillaries*	DKB88	195	DK8372	ESPMV
Bezeichnung	Dämmkernset für Blendrahmen	Schlitzkappe	Dichtkissen/ Schwellenverbinder	Einschubprofil
Name	*Insulation core set for outer frames*	*Water slot cap*	*Sealing pad/conector for threshold*	*View slide*
Zeichnung *Drawing*				
Values				

Zubehör *Ancillaries*	EDM88	K184N	8942	WS88
Bezeichnung	Mitteldichtungsecke	Endkappe für 184	Schwellenhalter	Falzpad
Name	*Center seal corner*	*End cap*	*Connector*	*Wind-Stop*
Zeichnung *Drawing*				
Values				

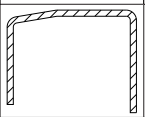
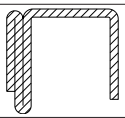
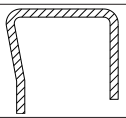
Zubehör *Ancillaries*	9H13	8971	8182	199
Bezeichnung	Nutabdeckprofil Rahmenrücken	Einschlaganker	Trittschutz	Auflaufbock
Name	*Groove cover profile frame backside*	*Wall anchor*	*Door tread bar*	*Sliding support*
Zeichnung *Drawing*				
Values				

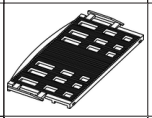
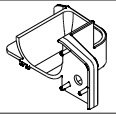
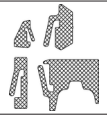
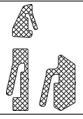
Zubehör *Ancillaries*	9G16	8731	184
Bezeichnung	Glasfalzeinlage	Bodenschwelle	Trittschwelle
Name	*Rebate insert*	*Door threshold*	*Door tread threshold*
Zeichnung *Drawing*			
Values			

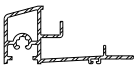
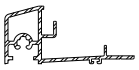
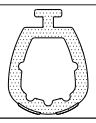
8395.67 Flügel 86 mm / *Sash*



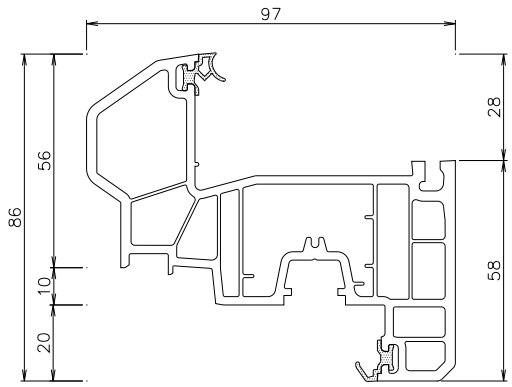
8395.67 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	207	S 8395S	S 8395	AS8395
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Verstärkung 2,25 mm *Reinforcement*	Verstärkung 2,25 mm *Reinforcement*	Aluschale *Aluminium cover*
Zeichnung *Drawing*				
Values	I_x = 1,8 cm⁴ I_y = 0,6 cm⁴	I_x = 3,4 cm⁴ I_y = 1,9 cm⁴	I_x = 2,5 cm⁴ I_y = 1,3 cm⁴	E: 175 mm S: 91 mm

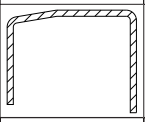
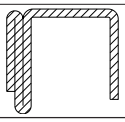
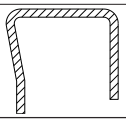
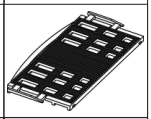
Zubehör *Ancillaries*	9G16	K8741	DKF88	DKF88_2
Bezeichnung *Name*	Glasfalzeinlage *Rebate insert*	Endkappe für 8741 *End cap*	Dämmkernset für Flügel *Insulation core set for sashes*	Dämmkernset für Pfosten *Insulation core set for sashes*
Zeichnung *Drawing*				
Values				

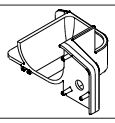
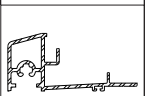
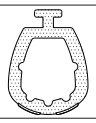
Zubehör *Ancillaries*	8742	8741	5044
Bezeichnung *Name*	Alu-Wetterschenkel für Aluschale *Aluminium weather bar*	Alu-Wetterschenkel *Aluminium weather bar*	Dichtung für Alu-Wetterschenkel *Seal for ALU-Weather bar*
Zeichnung *Drawing*			
Values			

8396.67 Stillügel 86 mm / *Sash*

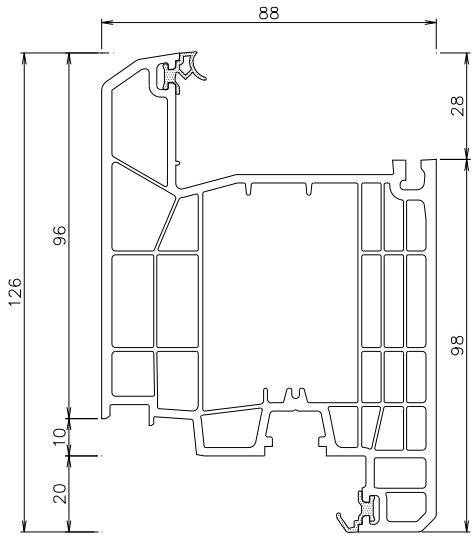


8396.67 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

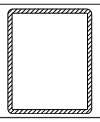
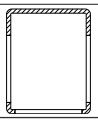
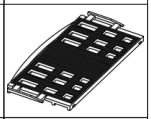
Zubehör *Ancillaries*	207	S 8395S	S 8395	9G16
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Verstärkung 2,25 mm *Reinforcement*	Verstärkung 2,25 mm *Reinforcement*	Glasfalzeinlage *Rebate insert*
Zeichnung *Drawing*				
Values	I_x = 1,8 cm⁴ I_y = 0,6 cm⁴	I_x = 3,4 cm⁴ I_y = 1,9 cm⁴	I_x = 2,5 cm⁴ I_y = 1,3 cm⁴	

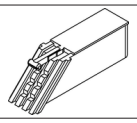
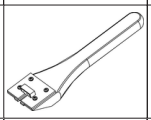
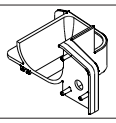
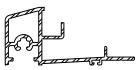
Zubehör *Ancillaries*	K8741	8741	5044
Bezeichnung *Name*	Endkappe für 8741 *End cap*	Alu-Wetterschenkel *Aluminium weather bar*	Dichtung für Alu-Wetterschenkel *Seal for ALU-Weather bar*
Zeichnung *Drawing*			
Values			

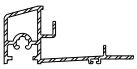
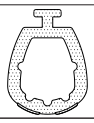
8373.67 Flügel 126 mm / *Sash*



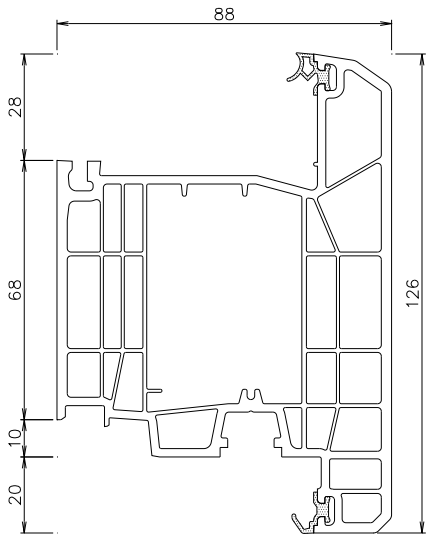
8373.67 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	614	S504000	AS8373	9G16
Bezeichnung *Name*	Verstärkung 2 mm *Reinforcement*	Verstärkung 2 mm *Reinforcement*	Aluschale *Aluminium cover*	Glasfalzeinlage *Rebate insert*
Zeichnung *Drawing*				
Values	I_x = 8,5 cm⁴ I_y = 12,0 cm⁴	I_x = 8,5 cm⁴ I_y = 12,0 cm⁴	E: 252 mm S: 130 mm	

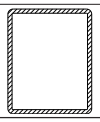
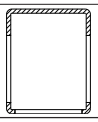
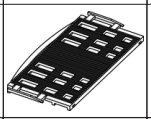
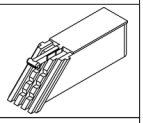
Zubehör *Ancillaries*	198	MS185	K8741	8742
Bezeichnung *Name*	Haustür-Eckverbinder *Residential door corner connector*	Montageschlüssel *Insertion device*	Endkappe für 8741 *End cap*	Alu-Wetterschenkel für Aluschale *Aluminium weather bar*
Zeichnung *Drawing*				
Values				

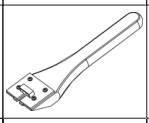
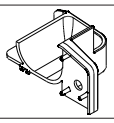
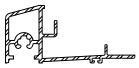
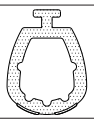
Zubehör *Ancillaries*	8741	5044
Bezeichnung *Name*	Alu-Wetterschenkel *Aluminium weather bar*	Dichtung für Alu-Wetterschenkel *Seal for ALU-Weather bar*
Zeichnung *Drawing*		
Values		

8374.67 Flügel 126 mm / *Sash*

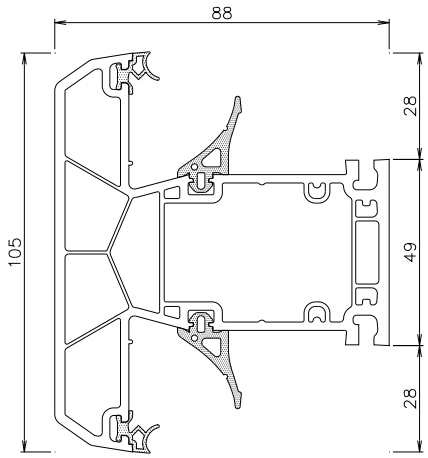


8374.67 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

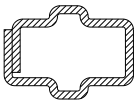
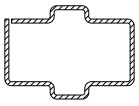
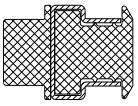
Zubehör *Ancillaries*	614	S504000	9G16	198
Bezeichnung *Name*	Verstärkung 2 mm *Reinforcement*	Verstärkung 2 mm *Reinforcement*	Glasfalzeinlage *Rebate insert*	Haustür-Eckverbinder *Residential door corner connector*
Zeichnung *Drawing*				
Values	I_x = 8,5 cm⁴ I_y = 12,0 cm⁴	I_x = 8,5 cm⁴ I_y = 12,0 cm⁴		

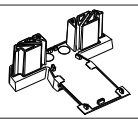
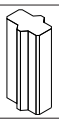
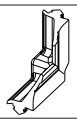
Zubehör *Ancillaries*	MS185	K8741	8741	5044
Bezeichnung *Name*	Montageschlüssel *Insertion device*	Endkappe für 8741 *End cap*	Alu-Wetterschenkel *Aluminium weather bar*	Dichtung für Alu-Wetterschenkel *Seal for ALU-Weather bar*
Zeichnung *Drawing*				
Values				

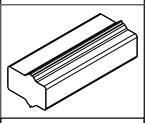
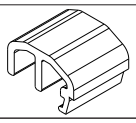
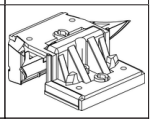
8380.7M Pfosten 105 mm / *Mullion/transom*

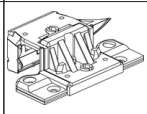
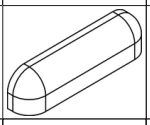
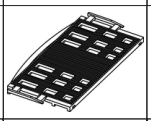
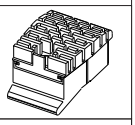


8380.7M mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

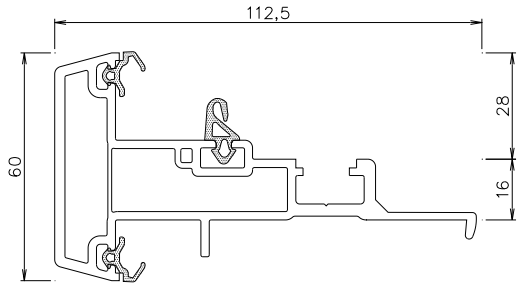
Zubehör *Ancillaries*	S 8380S	S 8380	ST8380	AS8380
Bezeichnung	Verstärkung 3mm	Verstärkung 1,5 mm	Thermostahl 1,5 mm	Aluschale
Name	*Reinforcement*	*Reinforcement*	*Thermo steel*	*Aluminium cover*
Zeichnung *Drawing*				
Values	I_x = 12,3 cm⁴ I_y = 5,3 cm⁴	I_x = 6,2 cm⁴ I_y = 3,2 cm⁴	I_x = 0,9 cm⁴ I_y = 2,1 cm⁴	E: 354 mm S: 162 mm

Zubehör *Ancillaries*	DKP88	DK8380	ESPPF4	EVDM88
Bezeichnung	Dämmkernset für Pfosten	Dichtkissen/ Schwellenverbinder	Einschubprofil	Mitteldichtungsecke
Name	*Insulation core set for mullions*	*Sealing pad/conector for threshold*	*View slide*	*Center seal corner*
Zeichnung *Drawing*				
Values				

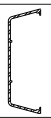
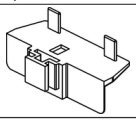
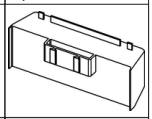
Zubehör *Ancillaries*	V8380F	V380S	199	V8380MA
Bezeichnung	Füllstück	Einschubprofil	Auflaufbock	Pfostenverbinder
Name	*Filler*	*View slide*	*Sliding support*	*Transom connector*
Zeichnung *Drawing*				
Values				

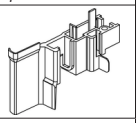
Zubehör *Ancillaries*	V8380M	195	9G16	WS88
Bezeichnung	Pfostenverbinder	Schlitzkappe	Glasfalzeinlage	Falzpad
Name	*Transom connector*	*Water slot cap*	*Rebate insert*	*Wind-Stop*
Zeichnung *Drawing*				
Values				

8322.06M Stulpprofil 60 mm / *Floating mullion profile*

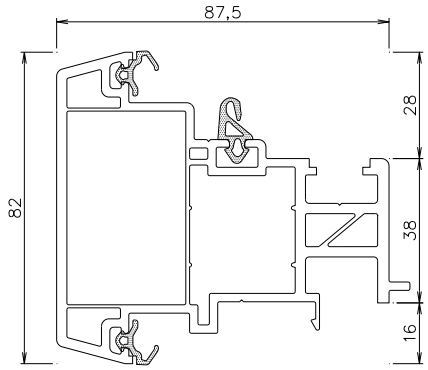


8322.06M mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

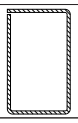
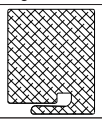
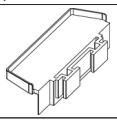
Zubehör *Ancillaries*	832208	AS8322	K8322A	K8322AA
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Aluschale *Aluminium cover*	Stulpendkappe *Floating mullion end cap*	Stulpendkappe für Aluschale *Floating mullion end cap*
Zeichnung *Drawing*				
Values	I_x = 3,2 cm^4 I_y = 0,4 cm^4	E: 201 mm S: 104 mm		

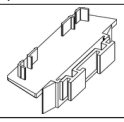
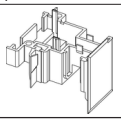
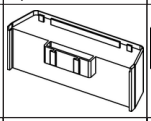
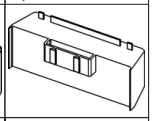
Zubehör *Ancillaries*	K8322I
Bezeichnung *Name*	Stulpendkappe *Floating mullion end cap*
Zeichnung *Drawing*	
Values	

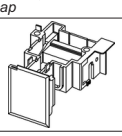
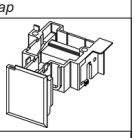
8324.06M Stulpprofil 82 mm / *Floating mullion profile*



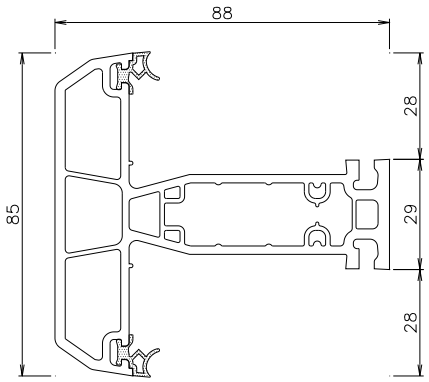
8324.06M mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	810208	AS8324	9G68	K8324A
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Aluschale *Aluminium cover*	Dämmkern für Stulp *Insulation core for floating mullio*	Stulpendkappe *Floating mullion end cap*
Zeichnung *Drawing*				
Values	I_x = 3,4 cm^4 I_y = 7,6 cm^4	E: 250 mm S: 129 mm		

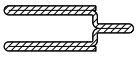
Zubehör *Ancillaries*	K8324AA	K8324I	SK8324A	SK8324AA
Bezeichnung *Name*	Stulpendkappe für Aluschale *Floating mullion end cap*	Stulpendkappe *Floating mullion end cap*	Stulpendkappe für Schwelle *Floating mullion end cap*	Stulpendkappe für Schwelle *Floating mullion end cap*
Zeichnung *Drawing*				
Values				

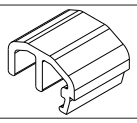
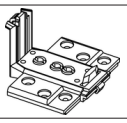
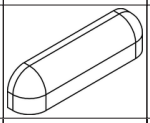
Zubehör *Ancillaries*	SK8324IL	SK8324IR
Bezeichnung *Name*	Stulpendkappe *Floating mullion end cap*	Stulpendkappe *Floating mullion end cap*
Zeichnung *Drawing*		
Values		

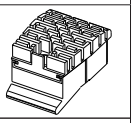
SP885.77 Flügelsprosse 85 mm / *Sash rail*

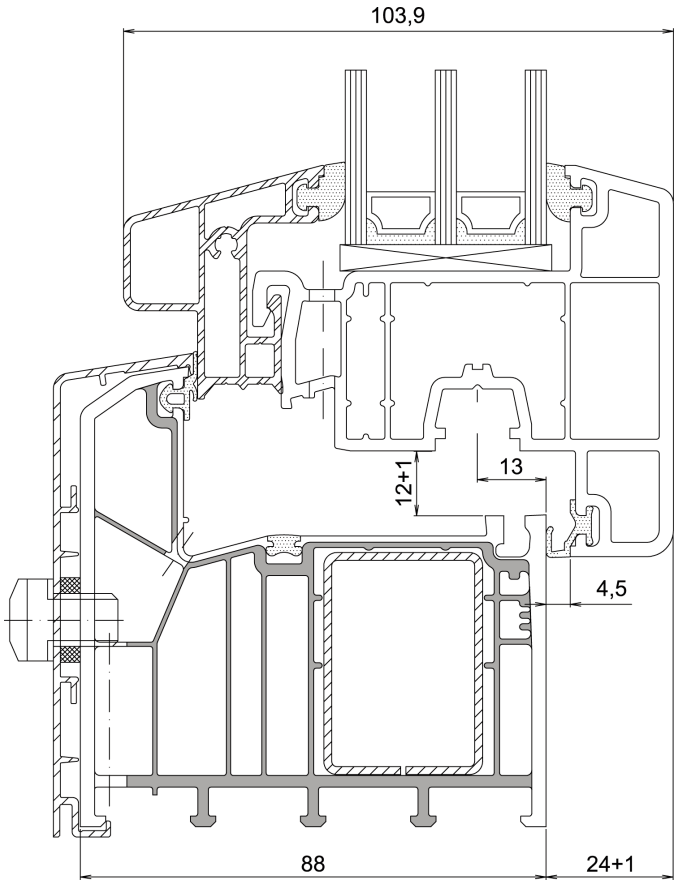


SP885.77 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	S8851	606	ASP885	V8380F
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Verstärkung 1,5 mm *Reinforcement*	Aluschale *Aluminium cover*	Füllstück *Filler*
Zeichnung *Drawing*				
Values	I_x = 2,9 cm⁴ I_y = 0,7 cm⁴	I_x = 1,3 cm⁴ I_y = 0,4 cm⁴	E: 264 mm S: 138 mm	

Zubehör *Ancillaries*	199	VSP885	195	9G16
Bezeichnung *Name*	Auflaufbock *Sliding support*	Flügelsprossen-verbinder *Georgian bars connector*	Schlitzkappe *Water slot cap*	Glasfalzeinlage *Rebate insert*
Zeichnung *Drawing*				
Values				

Zubehör *Ancillaries*	WS88
Bezeichnung *Name*	Falzpad *Wind-Stop*
Zeichnung *Drawing*	
Values	



Technische Daten - Prüfwerte Fenster ***Technical data - test values Windows***	
Wärmedurchgangskoeffizient *Heat transfer coefficient*	**bis U_f = 1,1 W/(m²K)**
Widerstandsfähigkeit gegen Windlast *Resistance to wind load*	**bis Klasse C5 / B5**
Schlagregendichtheit - Ungeschützt (A) *Tightness against driving rain - unprotected (A)*	**bis E 1500**
Luftdurchlässigkeit *Air permeability*	**bis Klasse 4**
Schallschutz *Sound insulation*	**bis 46 dB**
Einbruchhemmung *Burglar-resistant*	**bis RC 2 (WK 2)**

System Highlights

- 6-Kammer Thermo-Anschlagdichtungssystem mit 88 mm Bautiefe, geradlinigem Design und schmalen Profilansichten.
- Das außenseitige Aluminium-Funktionsprofil und das innenliegende PVC-Flügelprofil werden innovativ miteinander verbunden. Das Aluminium-Funktionsprofil im Flügel übernimmt die statische Funktion. Stahlverstärkung wird nur bei Sonderkonstruktionen wie z.B. bei erhöhten Schallschutzanforderungen oder Druckbelastungen eingesetzt.
- Stumpf gefügte Aluminiumschalen ermöglichen eine spannungsfreie Verbindung und nahezu unbegrenzte Möglichkeiten der farblichen Gestaltung.
- Wärmeschutz-Eigenschaften je nach Ausführung Uf-Wert = 0,9-1,3 W/(m²K).
- Zwei Dichtungsebenen sorgen für besseren Schlagregenschutz und bessere Winddichtigkeit.
- Verschweißbare PCE, TPE Dichtungen oder herkömmliche EPDM-Dichtungen in lichtgrau oder schwarz.
- Glasanlage innen; ohne Glasleiste - keine Fuge als Schmutzfänger.
- Rastfunktion zur sicheren Verglasung - Ausglasen ohne Beschädigung der Bauteile.
- Einbruchschutz durch seitliches Verschrauben des Aluminium-Funktionsprofils.
- Verglasungsspektrum flächenversetzt von 24-26 mm und halb-flächenversetzt von 38-40 mm.
- Schnelle und effektive Be- und Entlüftung - wahlweise nach vorn oder verdeckt nach unten.
- Gesicherte Montage durch bautechnisch perfekt vorbereiteten Anschluss für innere und äußere Fensterbänke und Anschlussprofile.

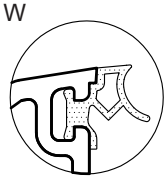
System highlights

- *Highly insulating, 6-chamber double seal system with 88 mm installation depth and slim profile sight lines.*
- *The functional cover and PVC profile present an innovative combination. The functional aluminium cover takes the static loads. Steel reinforcement is used only on special designs, e.g. for greater sound insulation requirements or pressure loads.*
- *Butt joined aluminium covers eliminate stress at connections and offer virtually limitless possibilities in colour design.*
- *Thermal insulation properties depending on the design (Uf = 0.9-1.3 W/m²K)*
- *Three sealing levels provide for better tightness against driving rain and better windproof properties.*
- *Weldable PCE, TPE or conventional EPDM gaskets in black or light grey.*
- *No glazing bead on the inside, so no dirt trap.*
- *Burglary protection in the form of screw unions through the sides of the functional aluminium profile.*
- *Glazing or panelling 24-26 mm offset or semi offset 38-40 mm.*
- *Fast and effective ventilation either to the front or invisibly downwards.*
- *Secure installations with perfect structural connections to indoor and outdoor window sills and extension profiles.*

Dichtungssystem
Seals system

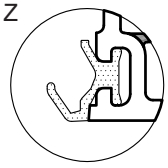
Verschweißbare Dichtungen *Weldable Seals*

W



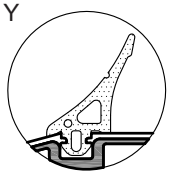
PCE
Verglasungsdichtung
rebate seal

Z



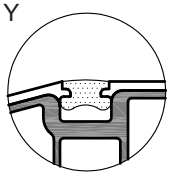
PCE
Anschlagdichtung
rebate seal

Y



TPE
Mitteldichtung
werkseitig eingebracht
center seal
with preinstalled

Y

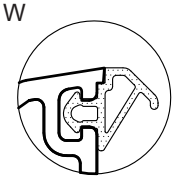


(PCE)
Verschweißbarer Keder

TPE-Dichtungen / TPE-*Seals*

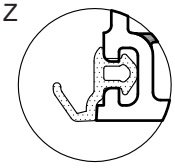
schweißbare Reparaturdichtungen
weldable repair gaskets

W



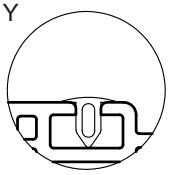
9G73

Z



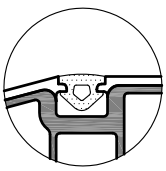
DP 6

Y

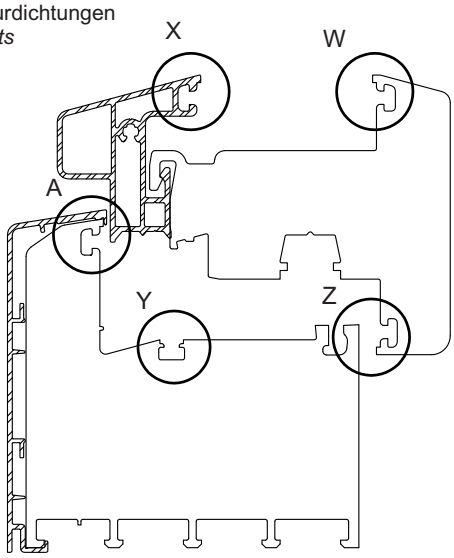


179
nur bei Stulp 8322, 8324

Y



FAD 88 (EPDM)
Handeinzug-Keder
manual roll-in
weatherstrip



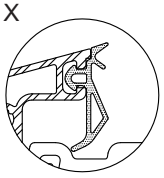
PCE = Verschweißbare Dichtungen die bei Profilausführungen in **lichtgrauer oder schwarzer Dichtung** bereits im Profil integriert sind.

*PCE = weldable gaskets that are already integrated in the profile designs **light grey gasket** or **black gasket.***

EPDM Dichtungen / *EPDM Seals*

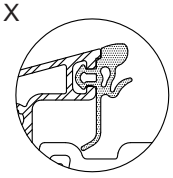
(schwarz, lichtgrau RAL 7035 oder grau RAL 7038
(black, light grey RAL 7035 or grey RAL 7038)

X



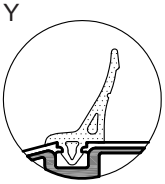
8008

X



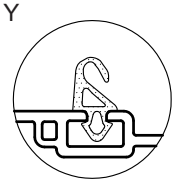
8021

Y



DM 88

Y



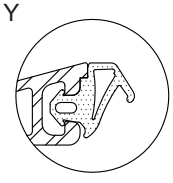
9G49
nur bei Stulp 8322, 8324

Y



1002

Y

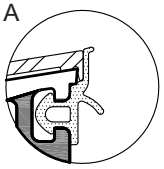


1003

EPDM Dichtungen für Alu-Schalen
EPDM Seals for Alu-cladding

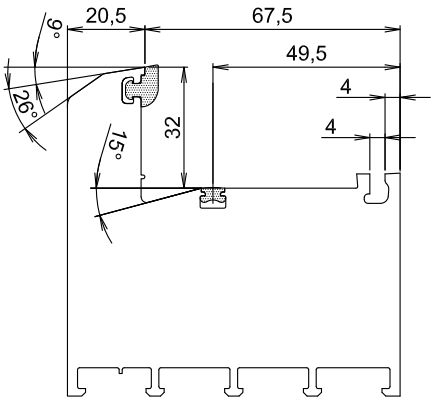
Verglasungsdichtungen / *Glazing Seals*

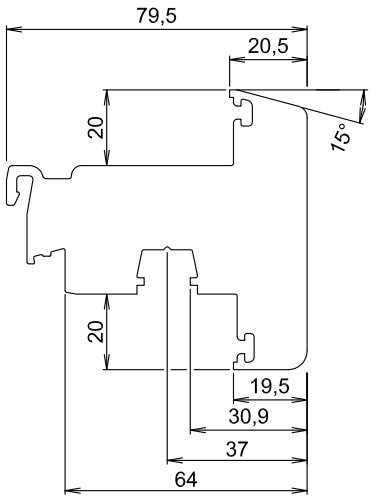
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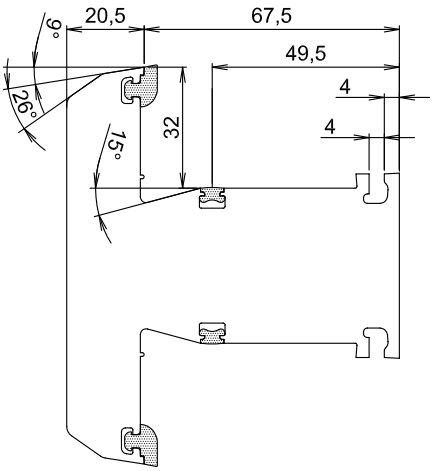


8010

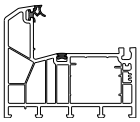
Systemmaße für Bearbeitungsmaschinen
System dimensions for processing machines



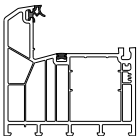




Rahmenprofile
Frame profiles

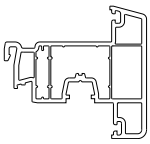


8370.07
Blendrahmen 75 mm
Outer frame
Seite/*Page* **24**



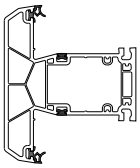
8372.07
Blendrahmen 87 mm
Outer frame
Seite/*Page* **25**

Flügelprofile
Sash profiles



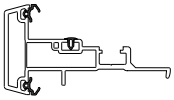
6210
AluFusionsflügel
AluFusion sash
Seite/*Page* **26**

Pfosten/Kämpfer und Flügelsprossen
mullion / transom and sash rails

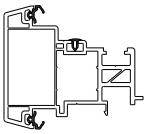


8380.77
Pfosten 105 mm
Mullion/transom
Seite/*Page* **26**

Stulpprofile
floating mullion profiles

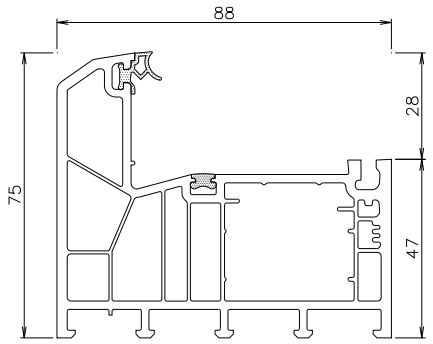


8322.06
Stulpprofil 60 mm
Floating mullion profile
Seite/*Page* **27**

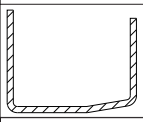
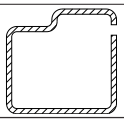
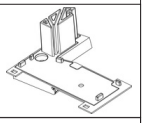


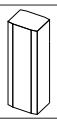
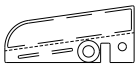
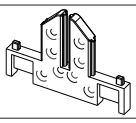
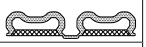
8324.06
Stulpprofil 82 mm
Floating mullion profile
Seite/*Page* **27**

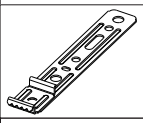
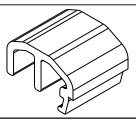
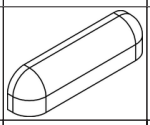
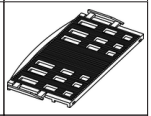
8370.07 Blendrahmen 75 mm / *Outer frame*

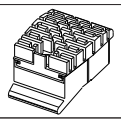
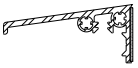


8370.07 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

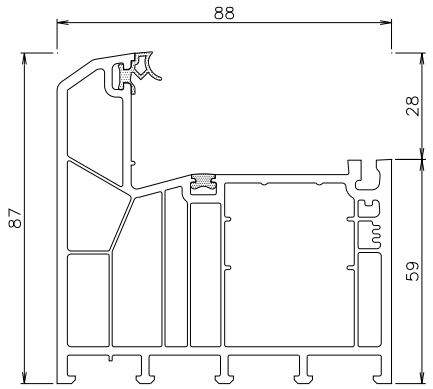
Zubehör *Ancillaries*	207	S3370	AS8370	DK8370
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Verstärkung 1,5 mm *Reinforcement*	Aluschale *Aluminium cover*	Dichtkissen/ Schwellenverbinder *Sealing pad/conector for threshold*
Zeichnung *Drawing*				
Values	I_x = 1,8 cm^4 I_y = 0,6 cm^4	I_x = 2,0 cm^4 I_y = 2,2 cm^4	E: 272 mm S: 106 mm	

Zubehör *Ancillaries*	ESPBR6	K184N	8942	9H13
Bezeichnung *Name*	Einschubprofil *View slide*	Endkappe für 184 *End cap*	Schwellenhalter *Connector*	Nutabdeckprofil Rahmenrücken *Groove cover profile frame backside*
Zeichnung *Drawing*				
Values				

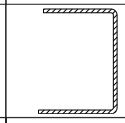
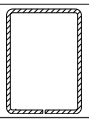
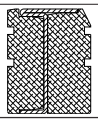
Zubehör *Ancillaries*	8971	199	195	9G16
Bezeichnung *Name*	Einschlaganker *Wall anchor*	Auflaufbock *Sliding support*	Schlitzkappe *Water slot cap*	Glasfalzeinlage *Rebate insert*
Zeichnung *Drawing*				
Values				

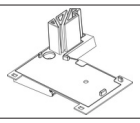
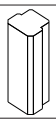
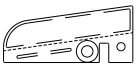
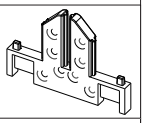
Zubehör *Ancillaries*	WS88	8731	184
Bezeichnung *Name*	Falzpad *Wind-Stop*	Bodenschwelle *Door threshold*	Trittschwelle *Door tread threshold*
Zeichnung *Drawing*			
Values			

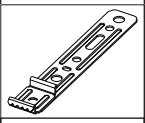
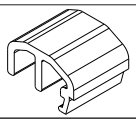
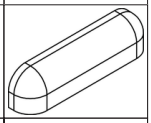
8372.07 Blendrahmen 87 mm / *Outer frame*

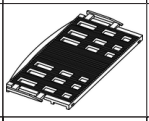
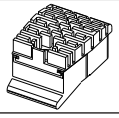
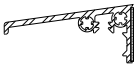


8372.07 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

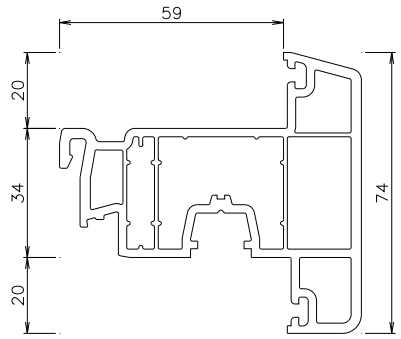
Zubehör *Ancillaries*	S 8372	S304215	ST304215	AS8372
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Verstärkung 1,5 mm *Reinforcement*	Thermostahl 1,5 mm *Thermo steel*	Aluschale *Aluminium cover*
Zeichnung *Drawing*				
Values	I_x = 1,4 cm⁴ I_y = 4,4 cm⁴	I_x = 3,0 cm⁴ I_y = 4,9 cm⁴	I_x = 0,3 cm⁴ I_y = 2,9 cm⁴	E: 305 mm S: 119 mm

Zubehör *Ancillaries*	DK8372	ESPMV	K184N	8942
Bezeichnung *Name*	Dichtkissen/ Schwellenverbinder *Sealing pad/conector for threshold*	Einschubprofil *View slide*	Endkappe für 184 *End cap*	Schwellenhalter *Connector*
Zeichnung *Drawing*				
Values				

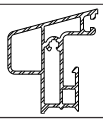
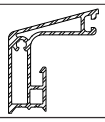
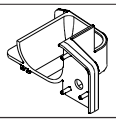
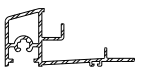
Zubehör *Ancillaries*	9H13	8971	199	195
Bezeichnung *Name*	Nutabdeckprofil Rahmenrücken *Groove cover profile frame backside*	Einschlaganker *Wall anchor*	Auflaufbock *Sliding support*	Schlitzkappe *Water slot cap*
Zeichnung *Drawing*				
Values				

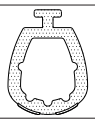
Zubehör *Ancillaries*	9G16	WS88	8731	184
Bezeichnung *Name*	Glasfalzeinlage *Rebate insert*	Falzpad *Wind-Stop*	Bodenschwelle *Door threshold*	Trittschwelle *Door tread threshold*
Zeichnung *Drawing*				
Values				

6210 AluFusionsflügel / *AluFusion sash*

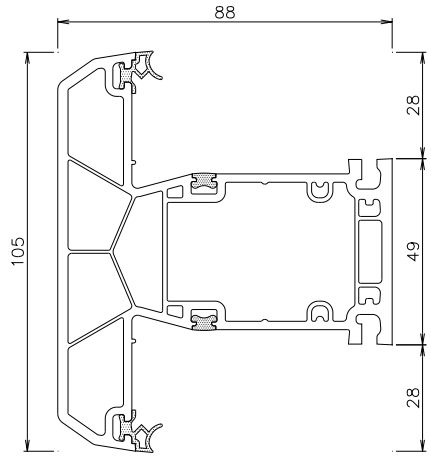


6210 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

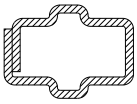
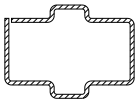
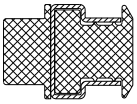
Zubehör *Ancillaries*	9G10	9G09	K8741	8742
Bezeichnung *Name*	AluProfil *AluProfile*	AluProfil *AluProfile*	Endkappe für 8741 *End cap*	Alu-Wetterschenkel für Aluschale *Aluminium weather bar*
Zeichnung *Drawing*				
Values	E: 199 mm S: 107 mm	E: 199 mm S: 94 mm		

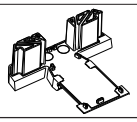
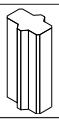
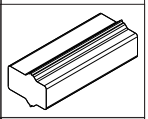
Zubehör *Ancillaries*	5044
Bezeichnung *Name*	Dichtung für Alu-Wetterschenkel *Seal for ALU-Weather bar*
Zeichnung *Drawing*	
Values	

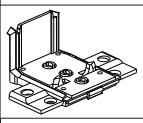
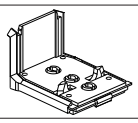
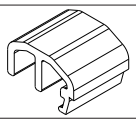
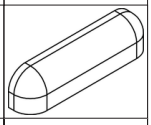
8380.77 Pfosten 105 mm / *Mullion/transom*

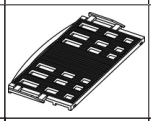
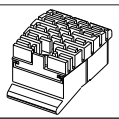


8380.77 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

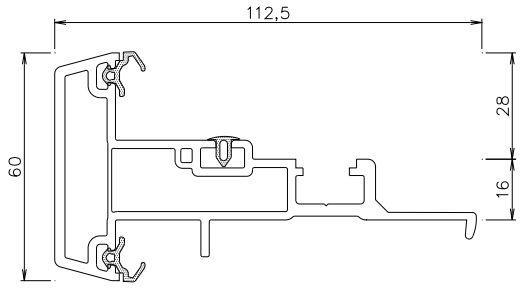
Zubehör *Ancillaries*	S 8380S	S 8380	ST8380	AS8380
Bezeichnung *Name*	Verstärkung 3mm *Reinforcement*	Verstärkung 1,5 mm *Reinforcement*	Thermostahl 1,5 mm *Thermo steel*	Aluschale *Aluminium cover*
Zeichnung *Drawing*				
Values	I_x = 12,3 cm^4 I_y = 5,3 cm^4	I_x = 6,2 cm^4 I_y = 3,2 cm^4	I_x = 0,9 cm^4 I_y = 2,1 cm^4	E: 354 mm S: 162 mm

Zubehör *Ancillaries*	DK8380	ESPPF4	V8380F	V380S
Bezeichnung *Name*	Dichtkissen/ Schwellenverbinder *Sealing pad/conector for threshold*	Einschubprofil *View slide*	Füllstück *Filler*	Einschubprofil *View slide*
Zeichnung *Drawing*				
Values				

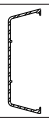
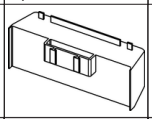
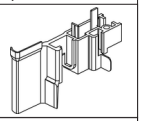
Zubehör *Ancillaries*	V8380	V8380A	199	195
Bezeichnung *Name*	Pfostenverbinder *Transom connector*	Pfostenverbinder *Transom connector*	Auflaufbock *Sliding support*	Schlitzkappe *Water slot cap*
Zeichnung *Drawing*				
Values				

Zubehör *Ancillaries*	9G16	WS88
Bezeichnung *Name*	Glasfalzeinlage *Rebate insert*	Falzpad *Wind-Stop*
Zeichnung *Drawing*		
Values		

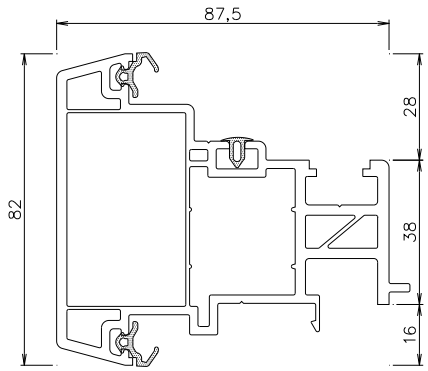
8322.06 Stulpprofil 60 mm / *Floating mullion profile*



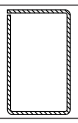
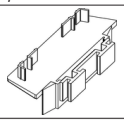
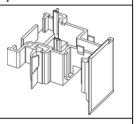
8322.06 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

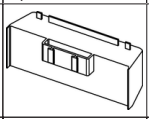
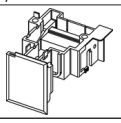
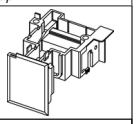
Zubehör *Ancillaries*	832208	AS8322	K8322AA	K8322I
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Aluschale *Aluminium cover*	Stulpendkappe für Aluschale *Floating mullion end cap*	Stulpendkappe *Floating mullion end cap*
Zeichnung *Drawing*				
Values	I_x = 3,2 cm^4 I_y = 0,4 cm^4	E: 201 mm S: 104 mm		

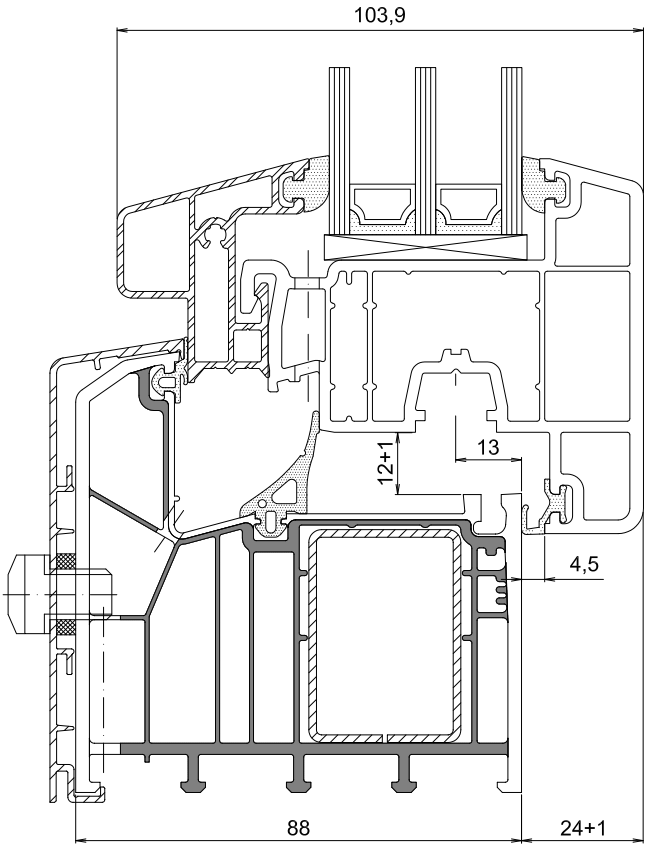
8324.06 Stulpprofil 82 mm / *Floating mullion profile*



8324.06 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	810208	AS8324	K8324AA	K8324I
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Aluschale *Aluminium cover*	Stulpendkappe für Aluschale *Floating mullion end cap*	Stulpendkappe *Floating mullion end cap*
Zeichnung *Drawing*				
Values	I_x = 3,4 cm^4 I_y = 7,6 cm^4	E: 250 mm S: 129 mm		

Zubehör *Ancillaries*	SK8324AA	SK8324IL	SK8324IR
Bezeichnung *Name*	Stulpendkappe für Schwelle *Floating mullion end cap*	Stulpendkappe *Floating mullion end cap*	Stulpendkappe *Floating mullion end cap*
Zeichnung *Drawing*			
Values			



Technische Daten - Prüfwerte Fenster ***Technical data - test values Windows***	
Wärmedurchgangskoeffizient *Heat transfer coefficient*	**bis U_f = 1,1 W/(m²K)**
Widerstandsfähigkeit gegen Windlast *Resistance to wind load*	**bis Klasse C5 / B5**
Schlagregendichtheit - Ungeschützt (A) *Tightness against driving rain - unprotected (A)*	**bis E 1500**
Luftdurchlässigkeit *Air permeability*	**bis Klasse 4**
Schallschutz *Sound insulation*	**bis 46 dB**
Einbruchhemmung *Burglar-resistant*	**bis RC 2 (WK 2)**

System Highlights

- 6-Kammer Thermo-Anschlagdichtungssystem mit 88 mm Bautiefe, geradlinigem Design und schmalen Profilansichten.
- Das außenseitige Aluminium-Funktionsprofil und das innenliegende PVC-Flügelprofil werden innovativ miteinander verbunden. Das Aluminium-Funktionsprofil im Flügel übernimmt die statische Funktion. Stahlverstärkung wird nur bei Sonderkonstruktionen wie z.B. bei erhöhten Schallschutzanforderungen oder Druckbelastungen eingesetzt.
- Stumpf gefügte Aluminiumschalen ermöglichen eine spannungsfreie Verbindung und nahezu unbegrenzte Möglichkeiten der farblichen Gestaltung.
- Wärmeschutz-Eigenschaften je nach Ausführung Uf-Wert = 0,9-1,3 W/(m2K).
- Zwei Dichtungsebenen sorgen für besseren Schlagregenschutz und bessere Winddichtigkeit.
- Verschweißbare PCE, TPE Dichtungen oder herkömmliche EPDM Dichtungen in lichtgrau oder schwarz.
- Glasanlage innen; ohne Glasleiste - keine Fuge als Schmutzfänger.
- Rastfunktion zur sicheren Verglasung - Ausglasen ohne Beschädigung der Bauteile.
- Einbruchschutz durch seitliches Verschrauben des Aluminium-Funktionsprofils.
- Verglasungsspektrum flächenversetzt von 24-26 mm und halb-flächenversetzt von 38-40 mm.
- Schnelle und effektive Be- und Entlüftung - wahlweise nach vorn oder verdeckt nach unten.
- Gesicherte Montage durch bautechnisch perfekt vorbereiteten Anschluss für innere und äußere Fensterbänke und Anschlussprofile.

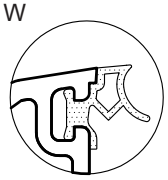
System highlights

- *Highly insulating, 6-chamber double seal system with 88 mm installation depth and slim profile sight lines.*
- *The functional cover and PVC profile present an innovative combination. The functional aluminium cover takes the static loads. Steel reinforcement is used only on special designs, e.g. for greater sound insulation requirements or pressure loads.*
- *Butt joined aluminium covers eliminate stress at connections and offer virtually limitless possibilities in colour design.*
- *Thermal insulation properties depending on the design (Uf = 0.9-1.3 W/m²K)*
- *Three sealing levels provide for better tightness against driving rain and better windproof properties.*
- *Weldable PCE, TPE or conventional EPDM gaskets in black or light grey.*
- *No glazing bead on the inside, so no dirt trap.*
- *Burglary protection in the form of screw unions through the sides of the functional aluminium profile.*
- *Glazing or panelling 24-26 mm offset or semi offset 38-40 mm.*
- *Fast and effective ventilation either to the front or invisibly downwards.*
- *Secure installations with perfect structural connections to indoor and outdoor window sills and extension profiles.*

Dichtungssystem
Seals system

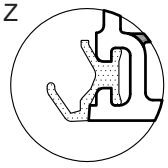
Verschweißbare Dichtungen *Weldable Seals*

W



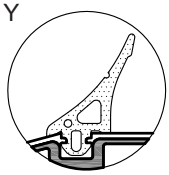
PCE
Verglasungsdichtung
rebate seal

Z



PCE
Anschlagdichtung
rebate seal

Y

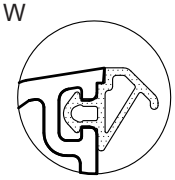


TPE
Mitteldichtung
werkseitig eingebracht
center seal
with preinstalled

TPE-Dichtungen / TPE-*Seals*

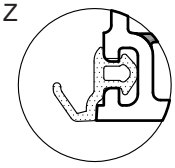
schweißbare Reparaturdichtungen
weldable repair gaskets

W

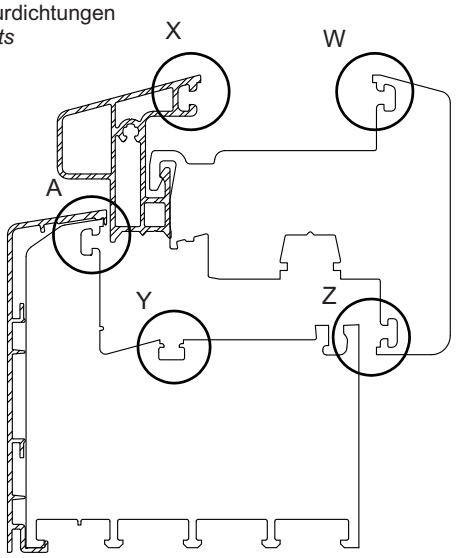


9G73

Z



DP 6



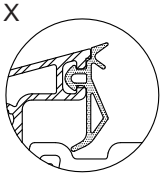
PCE = Verschweißbare Dichtungen die bei Profilausführungen in **lichtgrauer oder schwarzer Dichtung** bereits im Profil integriert sind.

*PCE = weldable gaskets that are already integrated in the profile designs **light grey gasket** or **black gasket.***

EPDM Dichtungen / *EPDM Seals*

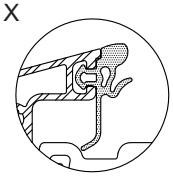
(schwarz, lichtgrau RAL 7035 oder grau RAL 7038
(black, light grey RAL 7035 or grey RAL 7038)

X



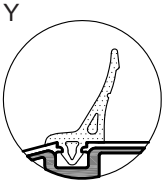
8008

X



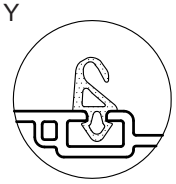
8021

Y



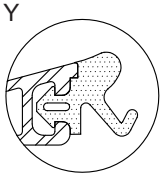
DM 88

Y



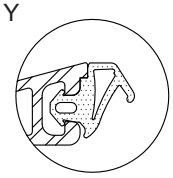
9G49
nur bei Stulp 8322, 8324

Y



1002

Y

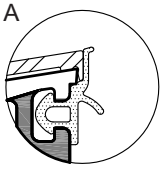


1003

EPDM Dichtungen für Alu-Schalen
EPDM Seals for Alu-cladding

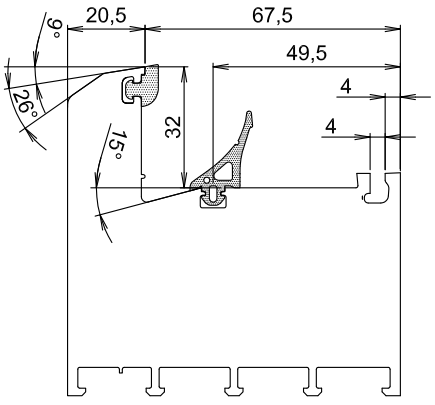
Verglasungsdichtungen / *Glazing Seals*

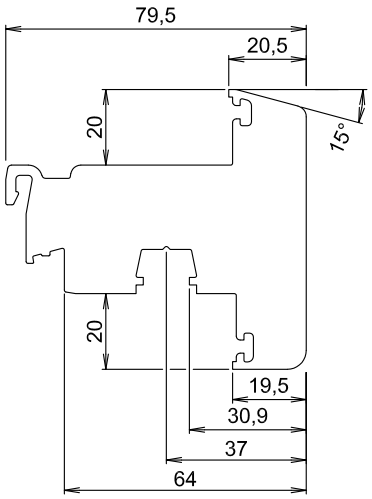
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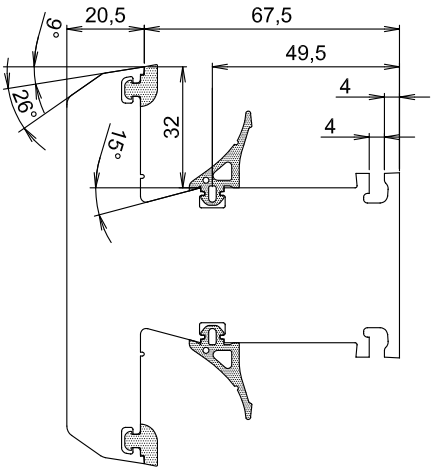


8010

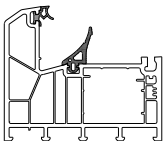
Systemmaße für Bearbeitungsmaschinen
System dimensions for processing machines



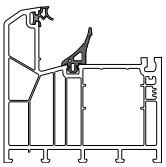




Rahmenprofile
Frame profiles

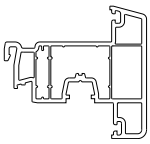


8370.7M
Blendrahmen 75 mm
Outer frame
Seite/*Page* **32**



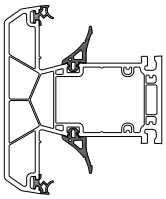
8372.7M
Blendrahmen 87 mm
Outer frame
Seite/*Page* **33**

Flügelprofile
Sash profiles



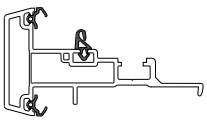
6210
AluFusionsflügel
AluFusion sash
Seite/*Page* **34**

Pfosten/Kämpfer und Flügelsprossen
mullion / transom and sash rails

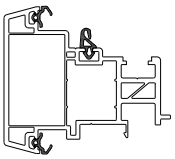


8380.7M
Pfosten 105 mm
Mullion/transom
Seite/*Page* **34**

Stulpprofile
floating mullion profiles

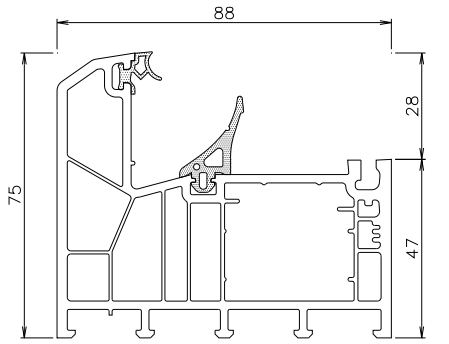


8322.06M
Stulpprofil 60 mm
Floating mullion profile
Seite/*Page* **35**

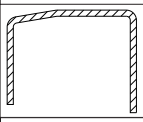
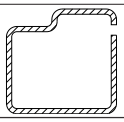
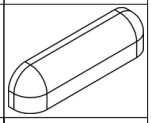


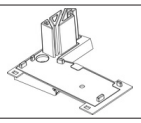
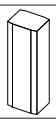
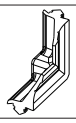
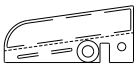
8324.06M
Stulpprofil 82 mm
Floating mullion profile
Seite/*Page* **35**

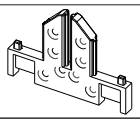
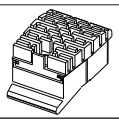
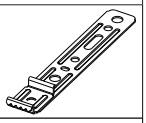
8370.7M Blendrahmen 75 mm / *Outer frame*

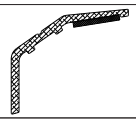
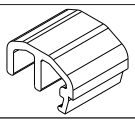
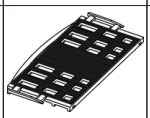


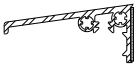
8370.7M mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	**207**	**S3370**	**AS8370**	**195**
Bezeichnung	Verstärkung 1,5 mm	Verstärkung 1,5 mm	Aluschale	Schlitzkappe
Name	*Reinforcement*	*Reinforcement*	*Aluminium cover*	*Water slot cap*
Zeichnung *Drawing*				
Values	I_x = 1,8 cm⁴ I_y = 0,6 cm⁴	I_x = 2,0 cm⁴ I_y = 2,2 cm⁴	E: 272 mm S: 106 mm	

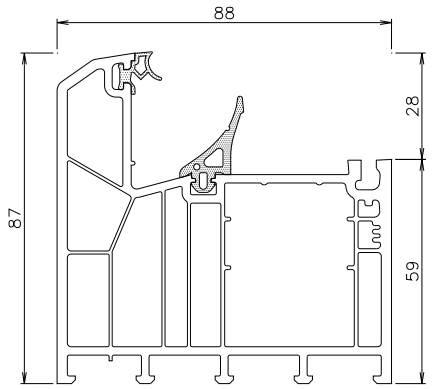
Zubehör *Ancillaries*	**DK8370**	**ESPBR6**	**EDM88**	**K184N**
Bezeichnung	Dichtkissen/ Schwellenverbinder	Einschubprofil	Mitteldichtungsecke	Endkappe für 184
Name	*Sealing pad/conector for threshold*	*View slide*	*Center seal corner*	*End cap*
Zeichnung *Drawing*				
Values				

Zubehör *Ancillaries*	**8942**	**WS88**	**9H13**	**8971**
Bezeichnung	Schwellenhalter	Falzpad	Nutabdeckprofil Rahmenrücken	Einschlaganker
Name	*Connector*	*Wind-Stop*	*Groove cover profile frame backside*	*Wall anchor*
Zeichnung *Drawing*				
Values				

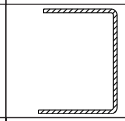
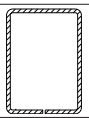
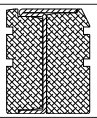
Zubehör *Ancillaries*	**8182**	**199**	**9G16**	**8731**
Bezeichnung	Trittschutz	Auflaufbock	Glasfalzeinlage	Bodenschwelle
Name	*Door tread bar*	*Sliding support*	*Rebate insert*	*Door threshold*
Zeichnung *Drawing*				
Values				

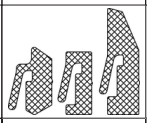
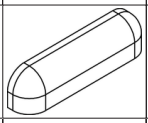
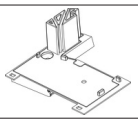
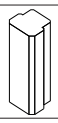
Zubehör *Ancillaries*	**184**
Bezeichnung	Trittschwelle
Name	*Door tread threshold*
Zeichnung *Drawing*	
Values	

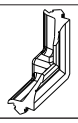
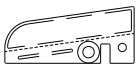
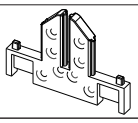
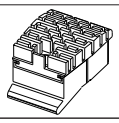
8372.7M Blendrahmen 87 mm / *Outer frame*

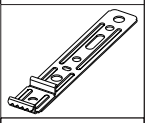
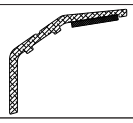
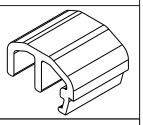


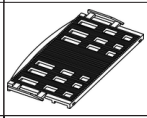
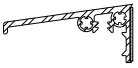
8372.7M mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	S 8372	S304215	ST304215	AS8372
Bezeichnung	Verstärkung 1,5 mm	Verstärkung 1,5 mm	Thermostahl 1,5 mm	Aluschale
Name	*Reinforcement*	*Reinforcement*	*Thermo steel*	*Aluminium cover*
Zeichnung *Drawing*				
Values	I_x = 1,4 cm⁴ I_y = 4,4 cm⁴	I_x = 3,0 cm⁴ I_y = 4,9 cm⁴	I_x = 0,3 cm⁴ I_y = 2,9 cm⁴	E: 305 mm S: 119 mm

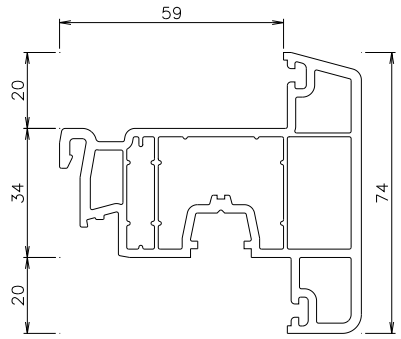
Zubehör *Ancillaries*	DKB88	195	DK8372	ESPMV
Bezeichnung	Dämmkernset für Blendrahmen	Schlitzkappe	Dichtkissen/ Schwellenverbinder	Einschubprofil
Name	*Insulation core set for outer frames*	*Water slot cap*	*Sealing pad/conector for threshold*	*View slide*
Zeichnung *Drawing*				
Values				

Zubehör *Ancillaries*	EDM88	K184N	8942	WS88
Bezeichnung	Mitteldichtungsecke	Endkappe für 184	Schwellenhalter	Falzpad
Name	*Center seal corner*	*End cap*	*Connector*	*Wind-Stop*
Zeichnung *Drawing*				
Values				

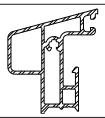
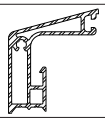
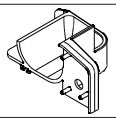
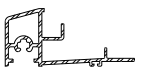
Zubehör *Ancillaries*	9H13	8971	8182	199
Bezeichnung	Nutabdeckprofil Rahmenrücken	Einschlaganker	Trittschutz	Auflaufbock
Name	*Groove cover profile frame backside*	*Wall anchor*	*Door tread bar*	*Sliding support*
Zeichnung *Drawing*				
Values				

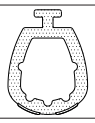
Zubehör *Ancillaries*	9G16	8731	184
Bezeichnung	Glasfalzeinlage	Bodenschwelle	Trittschwelle
Name	*Rebate insert*	*Door threshold*	*Door tread threshold*
Zeichnung *Drawing*			
Values			

6210 AluFusionsflügel / *AluFusion sash*

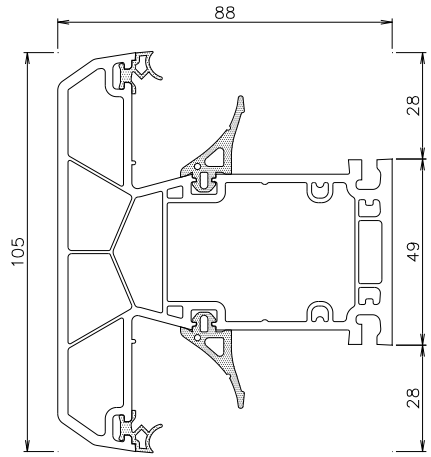


6210 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

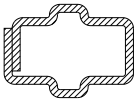
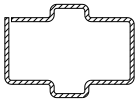
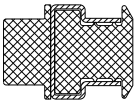
Zubehör *Ancillaries*	9G10	9G09	K8741	8742
Bezeichnung *Name*	AluProfil *AluProfile*	AluProfil *AluProfile*	Endkappe für 8741 *End cap*	Alu-Wetterschenkel für Aluschale *Aluminium weather bar*
Zeichnung *Drawing*				
Values	E: 199 mm S: 107 mm	E: 199 mm S: 94 mm		

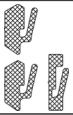
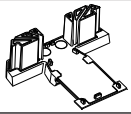
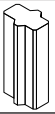
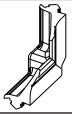
Zubehör *Ancillaries*	5044
Bezeichnung *Name*	Dichtung für Alu-Wetterschenkel *Seal for ALU-Weather bar*
Zeichnung *Drawing*	
Values	

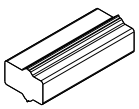
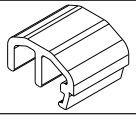
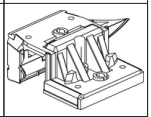
8380.7M Pfosten 105 mm / *Mullion/transom*

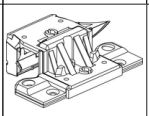
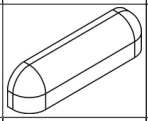
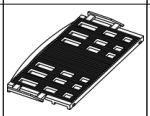
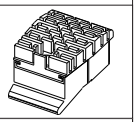


8380.7M mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

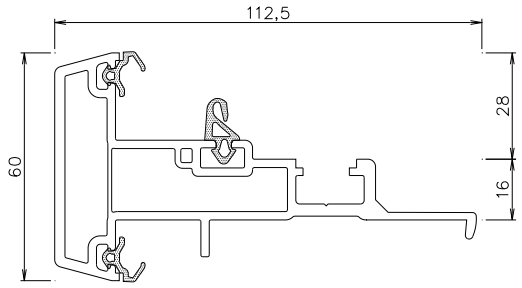
Zubehör *Ancillaries*	S 8380S	S 8380	ST8380	AS8380
Bezeichnung *Name*	Verstärkung 3mm *Reinforcement*	Verstärkung 1,5 mm *Reinforcement*	Thermostahl 1,5 mm *Thermo steel*	Aluschale *Aluminium cover*
Zeichnung *Drawing*				
Values	I_x = 12,3 cm⁴ I_y = 5,3 cm⁴	I_x = 6,2 cm⁴ I_y = 3,2 cm⁴	I_x = 0,9 cm⁴ I_y = 2,1 cm⁴	E: 354 mm S: 162 mm

Zubehör *Ancillaries*	DKP88	DK8380	ESPPF4	EVDM88
Bezeichnung *Name*	Dämmkernset für Pfosten *Insulation core set for mullions*	Dichtkissen/ Schwellenverbinder *Sealing pad/conector for threshold*	Einschubprofil *View slide*	Mitteldichtungsecke *Center seal corner*
Zeichnung *Drawing*				
Values				

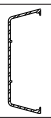
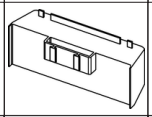
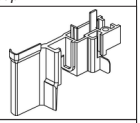
Zubehör *Ancillaries*	V8380F	V380S	199	V8380MA
Bezeichnung *Name*	Füllstück *Filler*	Einschubprofil *View slide*	Auflaufbock *Sliding support*	Pfostenverbinder *Transom connector*
Zeichnung *Drawing*				
Values				

Zubehör *Ancillaries*	V8380M	195	9G16	WS88
Bezeichnung *Name*	Pfostenverbinder *Transom connector*	Schlitzkappe *Water slot cap*	Glasfalzeinlage *Rebate insert*	Falzpad *Wind-Stop*
Zeichnung *Drawing*				
Values				

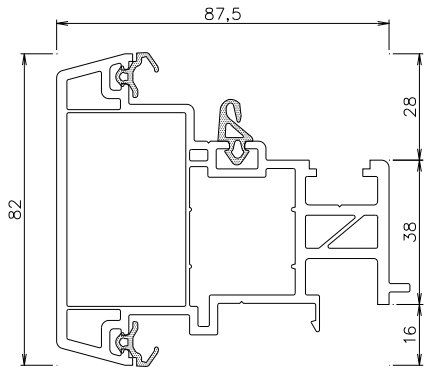
8322.06M Stulpprofil 60 mm / *Floating mullion profile*



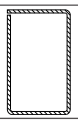
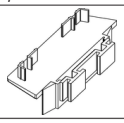
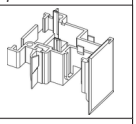
8322.06M mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

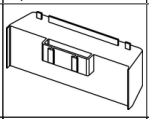
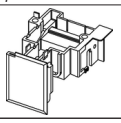
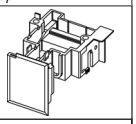
Zubehör *Ancillaries*	832208	AS8322	K8322AA	K8322I
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Aluschale *Aluminium cover*	Stulpendkappe für Aluschale *Floating mullion end cap*	Stulpendkappe *Floating mullion end cap*
Zeichnung *Drawing*				
Values	I_x = 3,2 cm^4 I_y = 0,4 cm^4	E:201mm S:104mm		

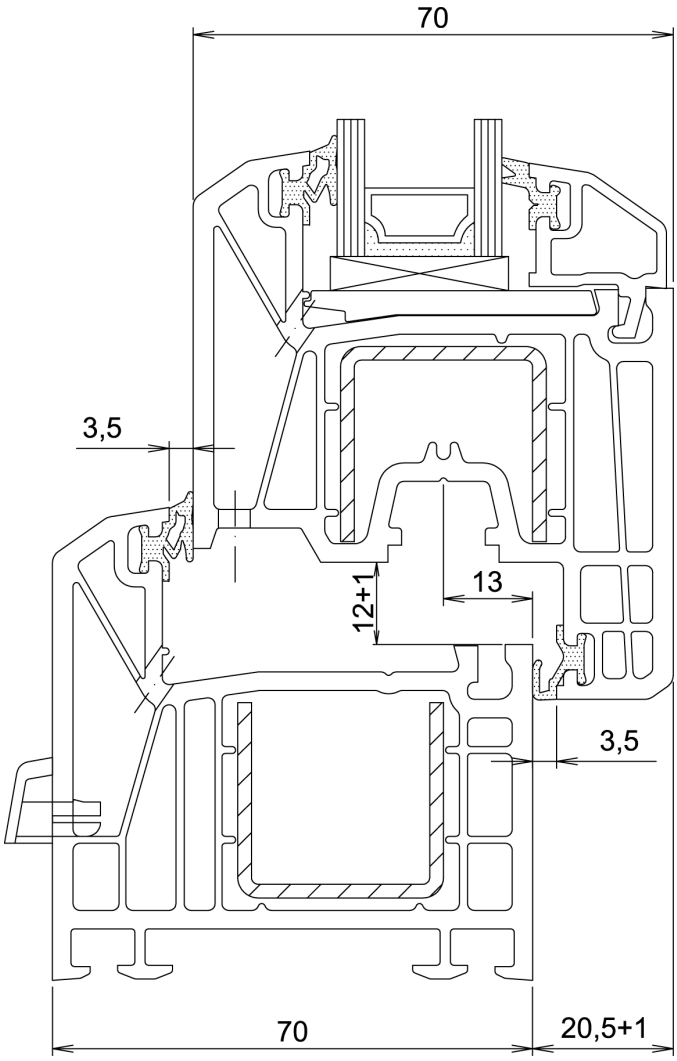
8324.06M Stulpprofil 82 mm / *Floating mullion profile*



8324.06M mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	810208	AS8324	K8324AA	K8324I
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Aluschale *Aluminium cover*	Stulpendkappe für Aluschale *Floating mullion end cap*	Stulpendkappe *Floating mullion end cap*
Zeichnung *Drawing*				
Values	I_x = 3,4 cm^4 I_y = 7,6 cm^4	E: 250 mm S: 129 mm		

Zubehör *Ancillaries*	SK8324AA	SK8324IL	SK8324IR
Bezeichnung *Name*	Stulpendkappe für Schwelle *Floating mullion end cap*	Stulpendkappe *Floating mullion end cap*	Stulpendkappe *Floating mullion end cap*
Zeichnung *Drawing*			
Values			



Technische Daten - Prüfwerte Fenster ***Technical data - test values Windows***	
Wärmedurchgangskoeffizient *Heat transfer coefficient*	**bis U_f = 1,3 W/(m²K)**
Widerstandsfähigkeit gegen Windlast *Resistance to wind load*	**bis Klasse C5**
Schlagregendichtheit - Ungeschützt (A) *Tightness against driving rain - unprotected (A)*	**bis E 1500**
Luftdurchlässigkeit *Air permeability*	**bis Klasse 4**
Schallschutz *Sound insulation*	**bis 45 dB**
Einbruchhemmung *Burglar-resistant*	**bis RC 2 (WK 2)**

Technische Daten - Prüfwerte Haustür ***Technical data - test values Residential door***	
Widerstandsfähigkeit gegen Windlast *Resistance to wind load*	**bis Klasse C2**
Schlagregendichtheit - Ungeschützt (A) *Tightness against driving rain - unprotected (A)*	**bis 6A**
Luftdurchlässigkeit *Air permeability*	**bis Klasse 2**

System Highlights

- Verbesserter Wärmeschutz durch eine Bautiefe von 70 mm.
- 5-Kammer-Anschlagdichtungstechnik.
- Modernes Design mit abgeschrägten Kanten.
- Optische Abrundung durch überlappende Übergänge bei Kopplungen.
- Wirtschaftlichkeit durch minimierte Lagerhaltung.
- Kompatibilität zu den bestehenden KBE-Systemen bei Stahl, Glasleisten und weitgehend bei Anschlussprofilen.
- Gleicher Stahl in Blendrahmen und Flügel.
- Gleicher Beschlag wie bei System_70md (Mitteldichtung).
- Zusätzlicher Wärme-, Schallschutz und Sicherheit durch tieferen Glasfalz, d.h. Aufnahme von dickerer Verglasung und Panelen möglich.
- Mehr Sicherheit durch 13 mm Achsmaß.
- Optimierter Isothermenverlauf.
- Verbreiterungen mit integrierter Dichtung für fachgerechte Montage und optimierten Wärmeschutz.
- Optimierte Montage d.h. beim Ersatz von Holzfenstern neuerer Generationen mit größerer Bautiefe.
- Uf -Wert = 1,3 W/(m²K)

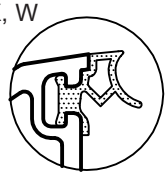
System highlights

- *70 mm installation depth for enhanced thermal insulation.*
- *5-chamber double seal technology.*
- *Modern design with chamfered edges.*
- *Overlapping transitions on couplings for visual integrity.*
- *Cost effectiveness through minimised storage.*
- *Ompatibility with steel reinforcements, glazing beads, and a great many extension profiles for existing KBE systems.*
- *Same steel reinforcement in outer frame and sash.*
- *Same hardware as for System_70md (central seal)).*
- *Deeper glazing rebate, i.e. for receiving thicker glazing and panels, for additional safety and thermal and sound insulation.*
- *13 mm between axes for greater safety.*
- *Optimised isotherm paths.*
- *Extension profiles with integrated gasket for professional installations and optimised thermal insulation.*
- *Optimised installation, i.e. when wooden windows of more recent generations are replaced with greater installation depths.*
- *Uf value = 1.3 W/(m²K)*

Dichtungssystem
Seals system

Verschweißbare Dichtungen *Weldable Seals*

X, W



PCE
Verglasungsdichtung
rebate seal

Z

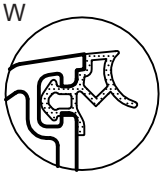


PCE
Anschlagdichtung
rebate seal

TPE-Dichtungen / TPE-*Seals*

schweißbare Reparaturdichtungen
weldable repair gaskets

X, W

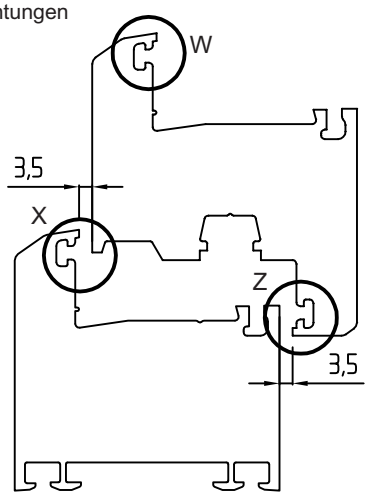


DP 7

Z

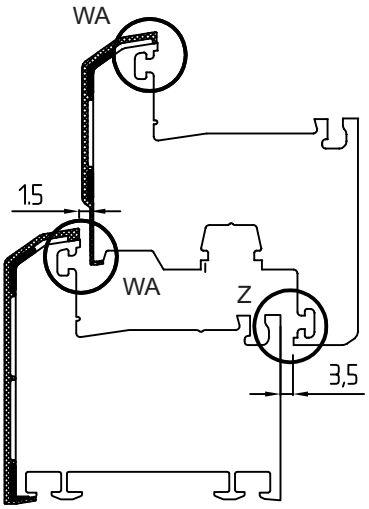


DP 6



PCE = Verschweißbare Dichtungen die bei Profilausführungen in **lichtgrauer oder schwarzer Dichtung** bereits im Profil integriert sind.

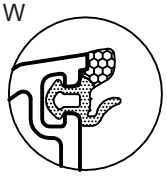
*PCE = weldable gaskets that are already integrated in the profile designs **light grey gasket** or **black gasket.***



EPDM Dichtungen / *EPDM Seals*

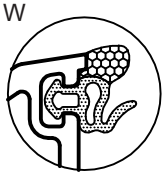
(schwarz, lichtgrau RAL 7035 oder grau RAL 7038
(black, light grey RAL 7035 or grey RAL 7038)

X, W



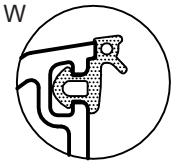
256

X, W



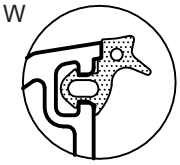
257

W



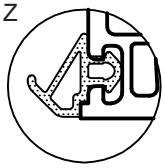
254

W



255

X, Z

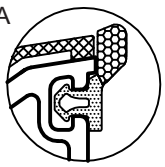


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EPDM Dichtungen für Alu-Schalen
EPDM Seals for Alu-cladding

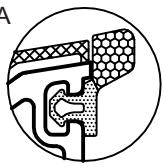
Verglasungsdichtungen / *Glazing Seals*

WA



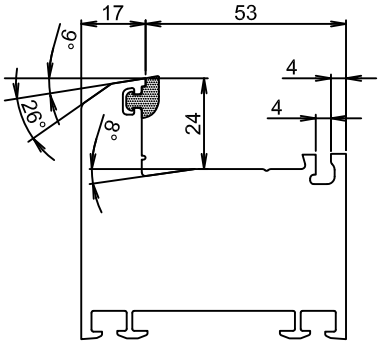
ASD 02

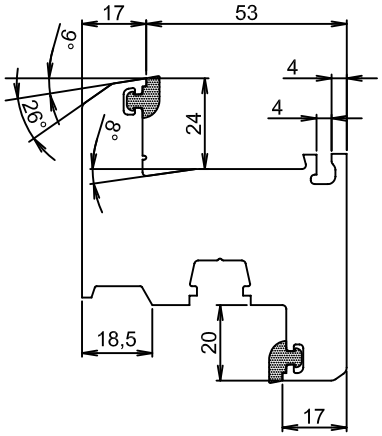
WA

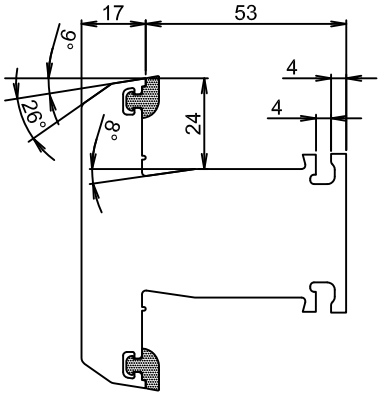


ASD 04

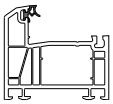
Systemmaße für Bearbeitungsmaschinen
System dimensions for processing machines



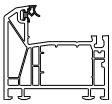




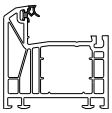
Rahmenprofile
Frame profiles



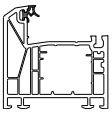
390.07
Blendrahmen 63 mm
Outer frame
Seite/*Page* **41**



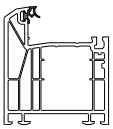
3390.07
Blendrahmen 63 mm
Outer frame
Seite/*Page* **41**



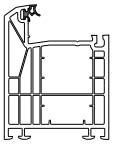
370.07
Blendrahmen 69 mm
Outer frame
Seite/*Page* **42**



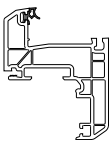
3370.07
Blendrahmen 69 mm
Outer frame
Seite/*Page* **43**



3372.07
Blendrahmen 79 mm
Outer frame
Seite/*Page* **44**

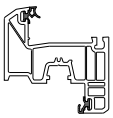


371.07
Blendrahmen 90 mm
Outer frame
Seite/*Page* **45**

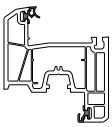


331.07
Umbaublendrahmen 88 mm
Modifying outer frame
Seite/*Page* **46**

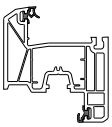
Flügelprofile
Sash profiles



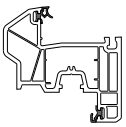
397.67
Flügel 71 mm
Sash
Seite/*Page* **46**



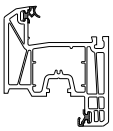
395.67
Flügel 77 mm
Sash
Seite/*Page* **47**



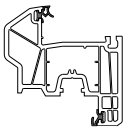
3395.67
Flügel 77 mm
Sash
Seite/*Page* **47**



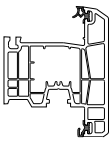
396.67
Stilflügel 77 mm
Feature sash
Seite/*Page* **48**



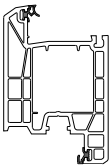
375.67
Flügel 80 mm
Sash
Seite/*Page* **48**



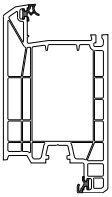
376.67
Stilflügel 80 mm
Feature sash
Seite/*Page* **49**



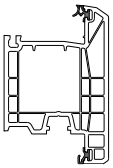
319.67
Flügel 87 mm
Sash
Seite/*Page* **50**



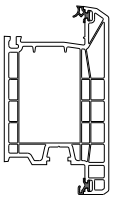
373.67
Tür-Flügel 106 mm
Sash, inswing
Seite/*Page* **51**



378.67
Tür-Flügel 126 mm
Door sash, inswing
Seite/*Page* **52**



374.67
T-Flügel 106 mm
T sash
Seite/*Page* **53**

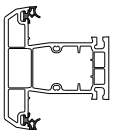


379.67
Tür-Flügel 126 mm
Door sash,
Seite/*Page* **54**

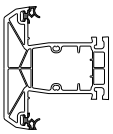


2399
Flügel 52 mm
Sash
Seite/*Page* **55**

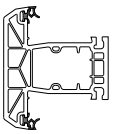
Pfosten/Kämpfer und Flügelsprossen
mullion / transom and sash rails



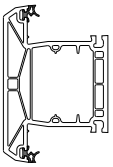
392.77
Pfosten 82 mm
Mullion/transom
Seite/*Page* **55**



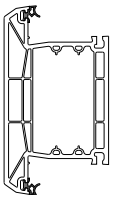
3380.77
Pfosten 82 mm
Mullion/transom
Seite/*Page* **56**



380.77
Pfosten 82 mm
Mullion/transom
Seite/*Page* **56**

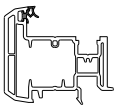


382.77
Pfosten 105 mm
Mullion/transom
Seite/*Page* **57**

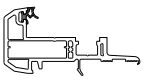


381.77
Pfosten 126 mm
Mullion/transom
Seite/*Page* **57**

Stulpprofile
floating mullion profiles



385.06
Stulp 64 mm
Floating mullion
Seite/*Page* **58**



386.06
Stulp 44 mm
Floating mullion
Seite/*Page* **58**

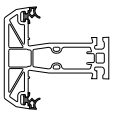


387.06
Stulp 36 mm
Floating mullion
Seite/*Page* **58**



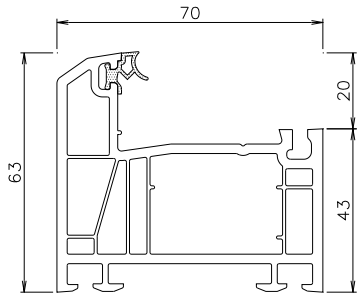
7796
Stulp Innenanschlag 48mm
Floating mullion internal stop
Seite/*Page* **59**

Flügelsprosse
sash rail

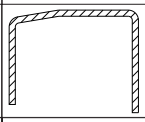
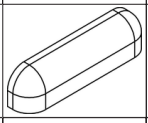
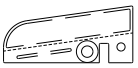
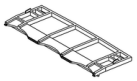


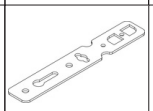
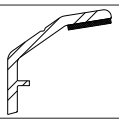
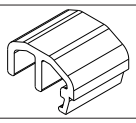
SP 368.77
Flügelsprosse 68 mm
Sash rail
Seite/*Page* **59**

390.07 Blendrahmen 63 mm / *Outer frame*

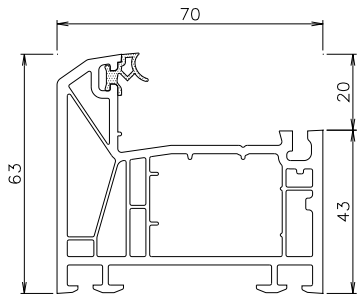


390.07 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

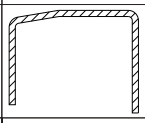
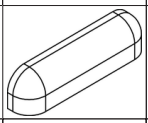
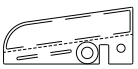
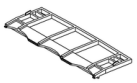
Zubehör *Ancillaries*	207	195	K184N	KB70
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Schlitzkappe *Water slot cap*	Endkappe für 184 *End cap*	Klotzbrücke *Rebate insert*
Zeichnung *Drawing*				
Values	I_x = 1,8 cm^4 I_y = 0,6 cm^4			

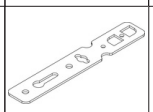
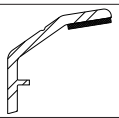
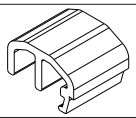
Zubehör *Ancillaries*	7220	7182	199	184
Bezeichnung *Name*	Montageanker *Wall anchor*	Trittschutz *Door tread bar*	Auflaufbock *Sliding support*	Trittschwelle *Door tread threshold*
Zeichnung *Drawing*				
Values				

3390.07 Blendrahmen 63 mm / *Outer frame*

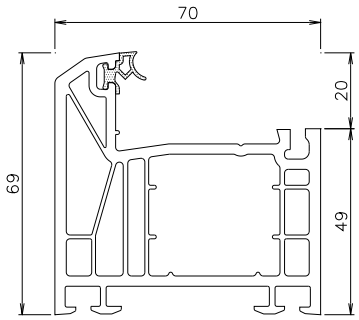


3390.07 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

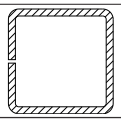
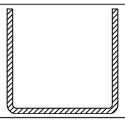
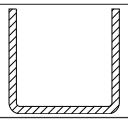
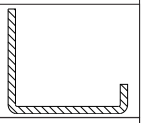
Zubehör *Ancillaries*	207	195	K184N	KB70
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Schlitzkappe *Water slot cap*	Endkappe für 184 *End cap*	Klotzbrücke *Rebate insert*
Zeichnung *Drawing*				
Values	I_x = 1,8 cm^4 I_y = 0,6 cm^4			

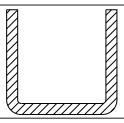
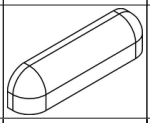
Zubehör *Ancillaries*	7220	7182	199	184
Bezeichnung *Name*	Montageanker *Wall anchor*	Trittschutz *Door tread bar*	Auflaufbock *Sliding support*	Trittschwelle *Door tread threshold*
Zeichnung *Drawing*				
Values				

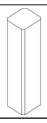
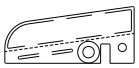
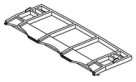
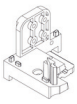
370.07 Blendrahmen 69 mm / *Outer frame*

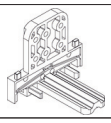
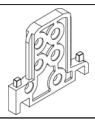
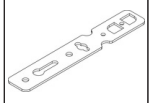
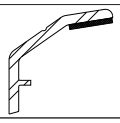


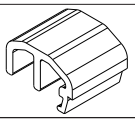
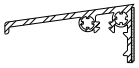
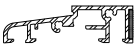
370.07 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	634	S3701	S3702	S3702A
Bezeichnung *Name*	Verstärkung 2,0 mm *Reinforcement*	Verstärkung 1,5 mm *Reinforcement*	Verstärkung 2 mm *Reinforcement*	Verstärkung 2 mm *Reinforcement*
Zeichnung *Drawing*				
Values	I_x = 2,8 cm⁴ I_y = 2,8 cm⁴	I_x = 1,9 cm⁴ I_y = 1,1 cm⁴	I_x = 2,5 cm⁴ I_y = 1,4 cm⁴	I_x = 1,7 cm⁴ I_y = 1,0 cm⁴

Zubehör *Ancillaries*	S3703	AS370	195	DK370
Bezeichnung *Name*	Verstärkung 3,0 mm *Reinforcement*	Aluschale *Aluminium cover*	Schlitzkappe *Water slot cap*	Dichtkissen/ Schwellenverbinder *Sealing pad/conector for threshold*
Zeichnung *Drawing*				
Values	I_x = 3,4 cm⁴ I_y = 1,9 cm⁴	E: 198 mm S: 100 mm		

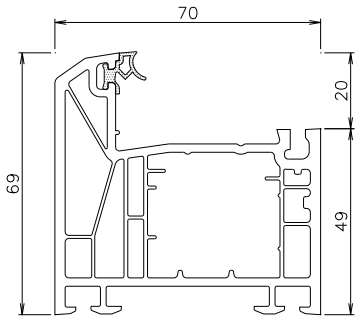
Zubehör *Ancillaries*	ESPBR1	K184N	KB70	SH370
Bezeichnung *Name*	Einschubprofil *View slide*	Endkappe für 184 *End cap*	Klotzbrücke *Rebate insert*	Schwellenhalter *Connector*
Zeichnung *Drawing*				
Values				

Zubehör *Ancillaries*	SH70	SH70P	7220	7182
Bezeichnung *Name*	Schwellenhalter *Connector*	Schwellenhalter *Connector*	Montageanker *Wall anchor*	Trittschutz *Door tread bar*
Zeichnung *Drawing*				
Values				

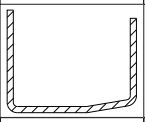
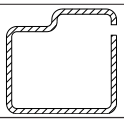
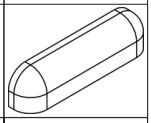
Zubehör *Ancillaries*	199	184	7788	7787
Bezeichnung *Name*	Auflaufbock *Sliding support*	Trittschwelle *Door tread threshold*	Tür-Schwelle *Door threshold*	Tür-Schwelle *Door threshold*
Zeichnung *Drawing*				
Values				

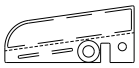
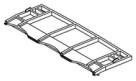
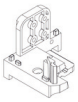
Zubehör *Ancillaries*	7789
Bezeichnung *Name*	Tür-Schwelle *Door threshold*
Zeichnung *Drawing*	
Values	

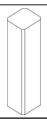
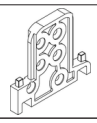
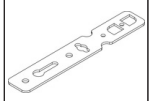
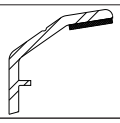
3370.07 Blendrahmen 69 mm / *Outer frame*

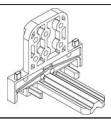
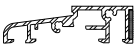


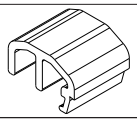
3370.07 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	**207**	**S3370**	**AS370**	**195**
Bezeichnung	Verstärkung 1,5 mm	Verstärkung 1,5 mm	Aluschale	Schlitzkappe
Name	*Reinforcement*	*Reinforcement*	*Aluminium cover*	*Water slot cap*
Zeichnung *Drawing*				
Values	I_x = 1,8 cm⁴ I_y = 0,6 cm⁴	I_x = 2,0 cm⁴ I_y = 2,2 cm⁴	E: 198 mm S: 100 mm	

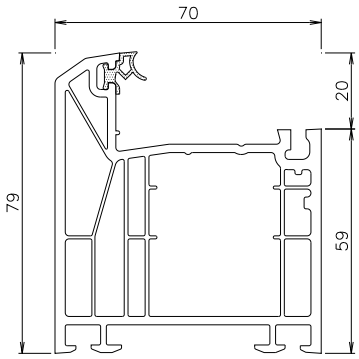
Zubehör *Ancillaries*	**DK370**	**K184N**	**KB70**	**SH370**
Bezeichnung	Dichtkissen/ Schwellenverbinder	Endkappe für 184	Klotzbrücke	Schwellenhalter
Name	*Sealing pad/conector for threshold*	*End cap*	*Rebate insert*	*Connector*
Zeichnung *Drawing*				
Values				

Zubehör *Ancillaries*	**ESPBR1**	**SH70P**	**7220**	**7182**
Bezeichnung	Einschubprofil	Schwellenhalter	Montageanker	Trittschutz
Name	*View slide*	*Connector*	*Wall anchor*	*Door tread bar*
Zeichnung *Drawing*				
Values				

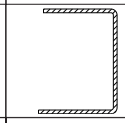
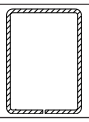
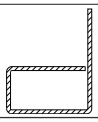
Zubehör *Ancillaries*	**SH70**	**184**	**7788**	**7787**
Bezeichnung	Schwellenhalter	Trittschwelle	Tür-Schwelle	Tür-Schwelle
Name	*Connector*	*Door tread threshold*	*Door threshold*	*Door threshold*
Zeichnung *Drawing*				
Values				

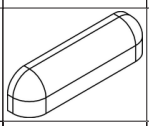
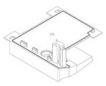
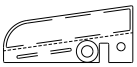
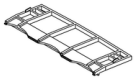
Zubehör *Ancillaries*	**199**	**7789**
Bezeichnung	Auflaufbock	Tür-Schwelle
Name	*Sliding support*	*Door threshold*
Zeichnung *Drawing*		
Values		

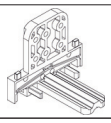
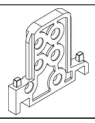
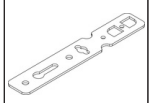
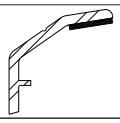
3372.07 Blendrahmen 79 mm / *Outer frame*

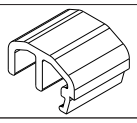
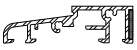
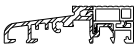


3372.07 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	S 8372	S304215	S3722	AS372
Bezeichnung	Verstärkung 1,5 mm	Verstärkung 1,5 mm	Verstärkung 1,5 mm	Aluschale
Name	*Reinforcement*	*Reinforcement*	*Reinforcement*	*Aluminium cover*
Zeichnung *Drawing*				
Values	I_x = 1,4 cm⁴ I_y = 4,4 cm⁴	I_x = 3,0 cm⁴ I_y = 4,9 cm⁴	I_x = 2,5 cm⁴ I_y = 1,9 cm⁴	E: 218 mm S: 110 mm

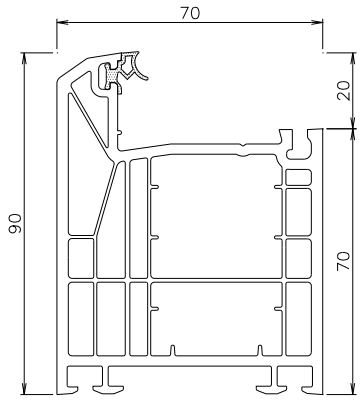
Zubehör *Ancillaries*	195	DK372	K184N	KB70
Bezeichnung	Schlitzkappe	Dichtkissen/ Schwellenverbinder	Endkappe für 184	Klotzbrücke
Name	*Water slot cap*	*Sealing pad/conector for threshold*	*End cap*	*Rebate insert*
Zeichnung *Drawing*				
Values				

Zubehör *Ancillaries*	SH70	SH70P	7220	7182
Bezeichnung	Schwellenhalter	Schwellenhalter	Montageanker	Trittschutz
Name	*Connector*	*Connector*	*Wall anchor*	*Door tread bar*
Zeichnung *Drawing*				
Values				

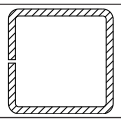
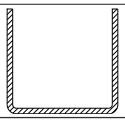
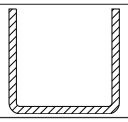
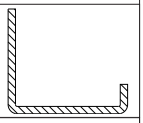
Zubehör *Ancillaries*	199	184	7788	7787
Bezeichnung	Auflaufbock	Trittschwelle	Tür-Schwelle	Tür-Schwelle
Name	*Sliding support*	*Door tread threshold*	*Door threshold*	*Door threshold*
Zeichnung *Drawing*				
Values				

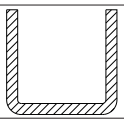
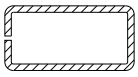
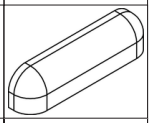
Zubehör *Ancillaries*	7789
Bezeichnung	Tür-Schwelle
Name	*Door threshold*
Zeichnung *Drawing*	
Values	

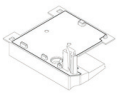
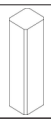
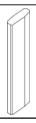
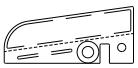
371.07 Blendrahmen 90 mm / *Outer frame*

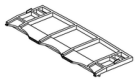
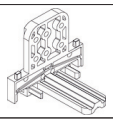
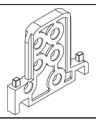
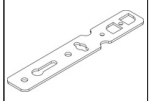


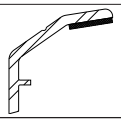
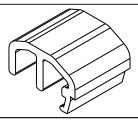
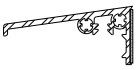
371.07 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	634	S3701	S3702	S3702A
Bezeichnung *Name*	Verstärkung 2,0 mm *Reinforcement*	Verstärkung 1,5 mm *Reinforcement*	Verstärkung 2 mm *Reinforcement*	Verstärkung 2 mm *Reinforcement*
Zeichnung *Drawing*				
Values	I_x = 2,8 cm⁴ I_y = 2,8 cm⁴	I_x = 1,9 cm⁴ I_y = 1,1 cm⁴	I_x = 2,5 cm⁴ I_y = 1,4 cm⁴	I_x = 1,7 cm⁴ I_y = 1,0 cm⁴

Zubehör *Ancillaries*	S3703	606	AS371	195
Bezeichnung *Name*	Verstärkung 3 mm *Reinforcement*	Verstärkung 1,5 mm *Reinforcement*	Aluschale *Aluminium cover*	Schlitzkappe *Water slot cap*
Zeichnung *Drawing*				
Values	I_x = 3,4 cm⁴ I_y = 1,9 cm⁴	I_x = 1,3 cm⁴ I_y = 0,4 cm⁴	E: 240 mm S: 121 mm	

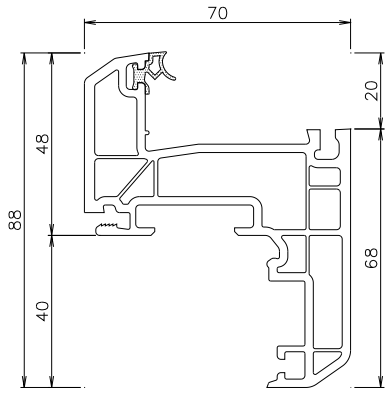
Zubehör *Ancillaries*	DK371	ESPBR1	ESPBR2	K184N
Bezeichnung *Name*	Dichtkissen/ Schwellenverbinder *Sealing pad/conector for threshold*	Einschubprofil *View slide*	Einschubprofil *View slide*	Endkappe für 184 *End cap*
Zeichnung *Drawing*				
Values				

Zubehör *Ancillaries*	KB70	SH70	SH70P	7220
Bezeichnung *Name*	Klotzbrücke *Rebate insert*	Schwellenhalter *Connector*	Schwellenhalter *Connector*	Montageanker *Wall anchor*
Zeichnung *Drawing*				
Values				

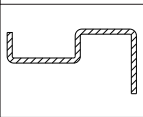
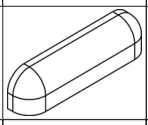
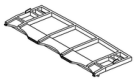
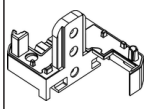
Zubehör *Ancillaries*	7182	199	184	7788
Bezeichnung *Name*	Trittschutz *Door tread bar*	Auflaufbock *Sliding support*	Trittschwelle *Door tread threshold*	Tür-Schwelle *Door threshold*
Zeichnung *Drawing*				
Values				

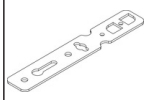
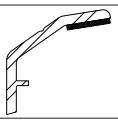
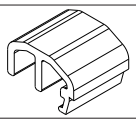
Zubehör *Ancillaries*	7787	7789
Bezeichnung *Name*	Tür-Schwelle *Door threshold*	Tür-Schwelle *Door threshold*
Zeichnung *Drawing*		
Values		

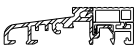
331.07 Umbaublendrahmen 88 mm / *Modifying outer frame*



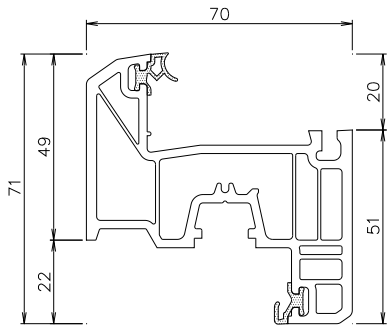
331.07 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	S3311	195	KB70	SH331
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Schlitzkappe *Water slot cap*	Klotzbrücke *Rebate insert*	Schwellenhalter *Connector*
Zeichnung *Drawing*				
Values	I_x = 1,8 cm^4 I_y = 0,2 cm^4			

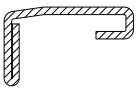
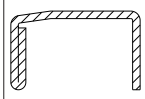
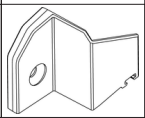
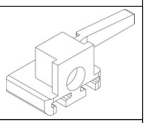
Zubehör *Ancillaries*	7220	7182	199	7788
Bezeichnung *Name*	Montageanker *Wall anchor*	Trittschutz *Door tread bar*	Auflaufbock *Sliding support*	Tür-Schwelle *Door threshold*
Zeichnung *Drawing*				
Values				

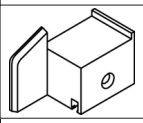
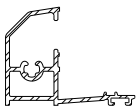
Zubehör *Ancillaries*	7787	7789
Bezeichnung *Name*	Tür-Schwelle *Door threshold*	Tür-Schwelle *Door threshold*
Zeichnung *Drawing*		
Values		

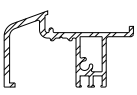
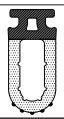
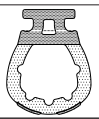
397.67 Flügel 71 mm / *Sash*



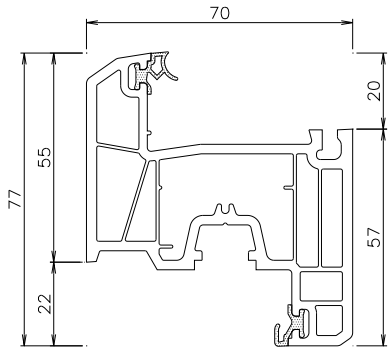
397.67 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	S3772	S3772A	K5784	K784
Bezeichnung *Name*	Verstärkung 2 mm *Reinforcement*	Verstärkung 2 mm *Reinforcement*	Endkappe für 5784 *End cap*	Endkappe für 784 *End cap*
Zeichnung *Drawing*				
Values	I_x = 2,4 cm^4 I_y = 0,6 cm^4	I_x = 3,1 cm^4 I_y = 0,7 cm^4		

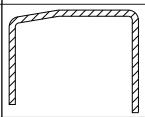
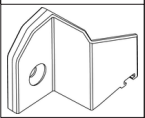
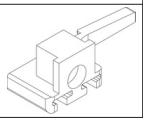
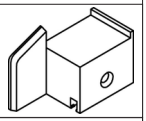
Zubehör *Ancillaries*	K785	KB70	5784	784
Bezeichnung *Name*	Endkappe für 7785 *End cap*	Klotzbrücke *Rebate insert*	Wetterschenkel *Weather bar*	Wetterschenkel *Weather bar*
Zeichnung *Drawing*				
Values				

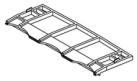
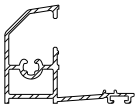
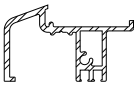
Zubehör *Ancillaries*	7785	D785	D5784	D6784
Bezeichnung *Name*	Haustürsockel *Residential door base*	Dichtung für 7785 *Seal*	Dichtung für 5784 *Seal*	Dichtung für 5784 *Seal*
Zeichnung *Drawing*				
Values				

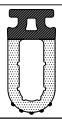
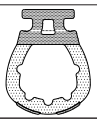
395.67 Flügel 77 mm / *Sash*



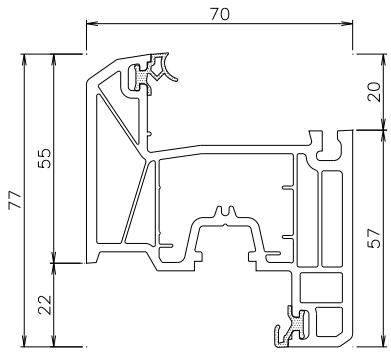
395.67 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	207	K5784	K784	K785
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Endkappe für 5784 *End cap*	Endkappe für 784 *End cap*	Endkappe für 7785 *End cap*
Zeichnung *Drawing*				
Values	I_x = 1,8 cm^4 I_y = 0,6 cm^4			

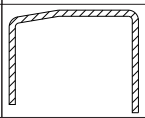
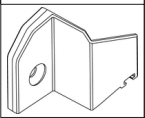
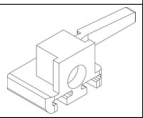
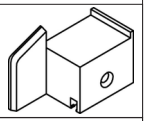
Zubehör *Ancillaries*	KB70	5784	784	7785
Bezeichnung *Name*	Klotzbrücke *Rebate insert*	Wetterschenkel *Weather bar*	Wetterschenkel *Weather bar*	Haustürsockel *Residential door base*
Zeichnung *Drawing*				
Values				

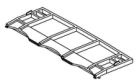
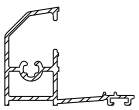
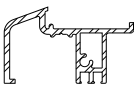
Zubehör *Ancillaries*	D785	D5784	D6784
Bezeichnung *Name*	Dichtung für 7785 *Seal*	Dichtung für 5784 *Seal*	Dichtung für 5784 *Seal*
Zeichnung *Drawing*			
Values			

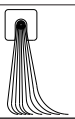
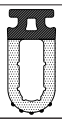
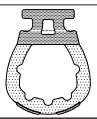
3395.67 Flügel 77 mm / *Sash*



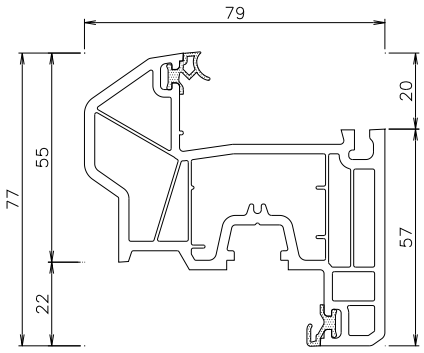
3395.67 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	207	K5784	K784	K785
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Endkappe für 5784 *End cap*	Endkappe für 784 *End cap*	Endkappe für 7785 *End cap*
Zeichnung *Drawing*				
Values	I_x = 1,8 cm^4 I_y = 0,6 cm^4			

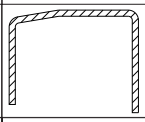
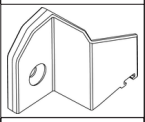
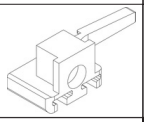
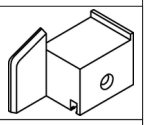
Zubehör *Ancillaries*	KB70	5784	784	7785
Bezeichnung *Name*	Klotzbrücke *Rebate insert*	Wetterschenkel *Weather bar*	Wetterschenkel *Weather bar*	Haustürsockel *Residential door base*
Zeichnung *Drawing*				
Values				

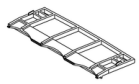
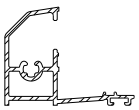
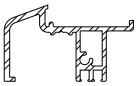
Zubehör *Ancillaries*	D785	D5784	D6784
Bezeichnung *Name*	Dichtung für 7785 *Seal*	Dichtung für 5784 *Seal*	Dichtung für 5784 *Seal*
Zeichnung *Drawing*			
Values			

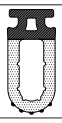
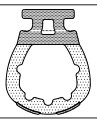
396.67 Stilflügel 77 mm / *Feature sash*



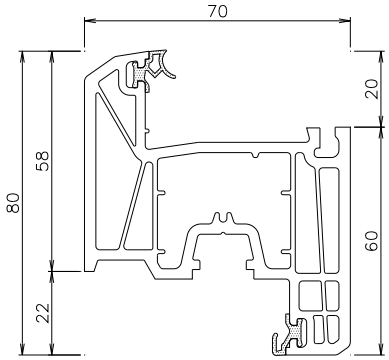
396.67 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	207	K5784	K784	K785
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Endkappe für 5784 *End cap*	Endkappe für 784 *End cap*	Endkappe für 7785 *End cap*
Zeichnung *Drawing*				
Values	I_x = 1,8 cm^4 I_y = 0,6 cm^4			

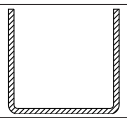
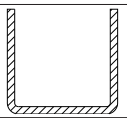
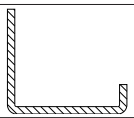
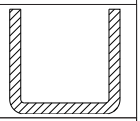
Zubehör *Ancillaries*	KB70	5784	784	7785
Bezeichnung *Name*	Klotzbrücke *Rebate insert*	Wetterschenkel *Weather bar*	Wetterschenkel *Weather bar*	Haustürsockel *Residential door base*
Zeichnung *Drawing*				
Values				

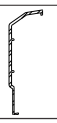
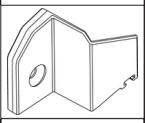
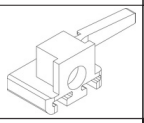
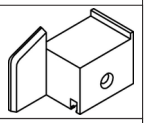
Zubehör *Ancillaries*	D785	D5784	D6784
Bezeichnung *Name*	Dichtung für 7785 *Seal*	Dichtung für 5784 *Seal*	Dichtung für 5784 *Seal*
Zeichnung *Drawing*			
Values			

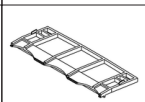
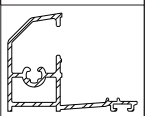
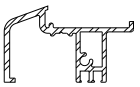
375.67 Flügel 80 mm / *Sash*

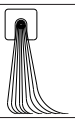
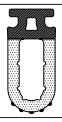
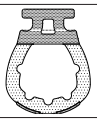


375.67 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

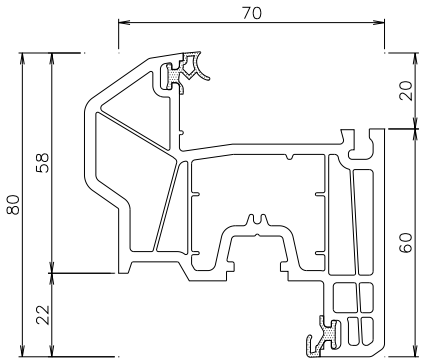
Zubehör *Ancillaries*	S3701	S3702	S3702A	S3703
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Verstärkung 2 mm *Reinforcement*	Verstärkung 2 mm *Reinforcement*	Verstärkung 3 mm *Reinforcement*
Zeichnung *Drawing*				
Values	I_x = 1,9 cm^4 I_y = 1,1 cm^4	I_x = 2,5 cm^4 I_y = 1,4 cm^4	I_x = 1,7 cm^4 I_y = 1,0 cm^4	I_x = 3,4 cm^4 I_y = 1,9 cm^4

Zubehör *Ancillaries*	AS375	K5784	K784	K785
Bezeichnung *Name*	Aluschale *Aluminium cover*	Endkappe für 5784 *End cap*	Endkappe für 784 *End cap*	Endkappe für 7785 *End cap*
Zeichnung *Drawing*				
Values	E: 166 mm S: 84 mm			

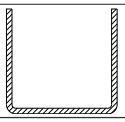
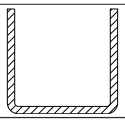
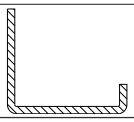
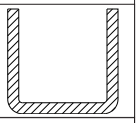
Zubehör *Ancillaries*	KB70	5784	784	7785
Bezeichnung *Name*	Klotzbrücke *Rebate insert*	Wetterschenkel *Weather bar*	Wetterschenkel *Weather bar*	Haustürsockel *Residential door base*
Zeichnung *Drawing*				
Values				

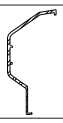
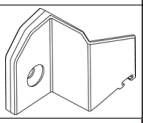
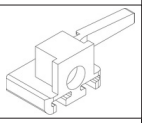
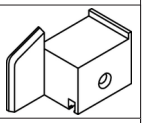
Zubehör *Ancillaries*	D785	D5784	D6784
Bezeichnung *Name*	Dichtung für 7785 *Seal*	Dichtung für 5784 *Seal*	Dichtung für 5784 *Seal*
Zeichnung *Drawing*			
Values			

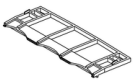
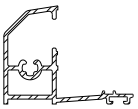
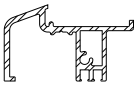
376.67 Stilflügel 80 mm / *Feature sash*

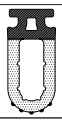
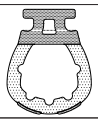


376.67 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

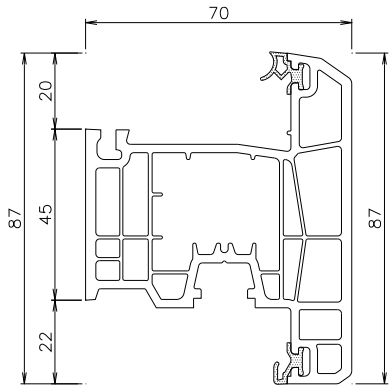
Zubehör *Ancillaries*	**S3701**	**S3702**	**S3702A**	**S3703**
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Verstärkung 2 mm *Reinforcement*	Verstärkung 2 mm *Reinforcement*	Verstärkung 3 mm *Reinforcement*
Zeichnung *Drawing*				
Values	I_x = 1,9 cm⁴ I_y = 1,1 cm⁴	I_x = 2,5 cm⁴ I_y = 1,4 cm⁴	I_x = 1,7 cm⁴ I_y = 1,0 cm⁴	I_x = 3,4 cm⁴ I_y = 1,9 cm⁴

Zubehör *Ancillaries*	**AS376**	**K5784**	**K784**	**K785**
Bezeichnung *Name*	Aluschale *Aluminium cover*	Endkappe für 5784 *End cap*	Endkappe für 784 *End cap*	Endkappe für 7785 *End cap*
Zeichnung *Drawing*				
Values	E: 183 mm S: 73 mm			

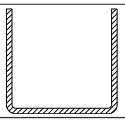
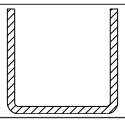
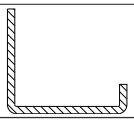
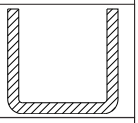
Zubehör *Ancillaries*	**KB70**	**5784**	**784**	**7785**
Bezeichnung *Name*	Klotzbrücke *Rebate insert*	Wetterschenkel *Weather bar*	Wetterschenkel *Weather bar*	Haustürsockel *Residential door base*
Zeichnung *Drawing*				
Values				

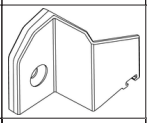
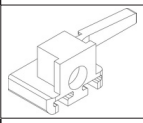
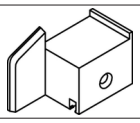
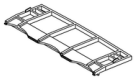
Zubehör *Ancillaries*	**D785**	**D5784**	**D6784**
Bezeichnung *Name*	Dichtung für 7785 *Seal*	Dichtung für 5784 *Seal*	Dichtung für 5784 *Seal*
Zeichnung *Drawing*			
Values			

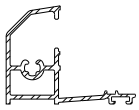
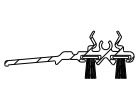
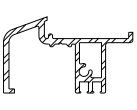
319.67 Flügel 87 mm / *Sash*

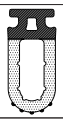
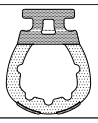


319.67 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

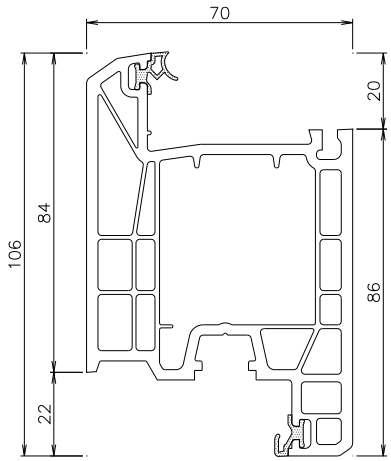
Zubehör *Ancillaries*	S3701	S3702	S3702A	S3703
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Verstärkung 2 mm *Reinforcement*	Verstärkung 2 mm *Reinforcement*	Verstärkung 3 mm *Reinforcement*
Zeichnung *Drawing*				
Values	I_x = 1,9 cm⁴ I_y = 1,1 cm⁴	I_x = 2,5 cm⁴ I_y = 1,4 cm⁴	I_x = 1,7 cm⁴ I_y = 1,0 cm⁴	I_x = 3,4 cm⁴ I_y = 1,9 cm⁴

Zubehör *Ancillaries*	K5784	K784	K785	KB70
Bezeichnung *Name*	Endkappe für 5784 *End cap*	Endkappe für 784 *End cap*	Endkappe für 7785 *End cap*	Klotzbrücke *Rebate insert*
Zeichnung *Drawing*				
Values				

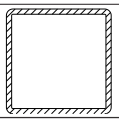
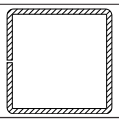
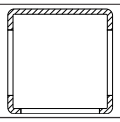
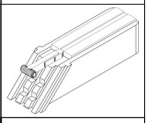
Zubehör *Ancillaries*	5784	784	7785	D785
Bezeichnung *Name*	Wetterschenkel *Weather bar*	Wetterschenkel *Weather bar*	Haustürsockel *Residential door base*	Dichtung für 7785 *Seal*
Zeichnung *Drawing*				
Values				

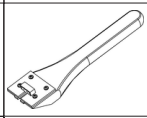
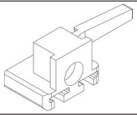
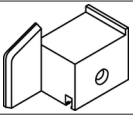
Zubehör *Ancillaries*	D5784	D6784
Bezeichnung *Name*	Dichtung für 5784 *Seal*	Dichtung für 5784 *Seal*
Zeichnung *Drawing*		
Values		

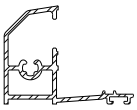
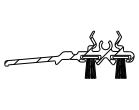
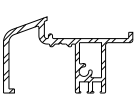
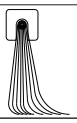
373.67 Tür-Flügel 106 mm / Door sash

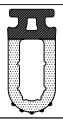
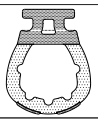


373.67 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

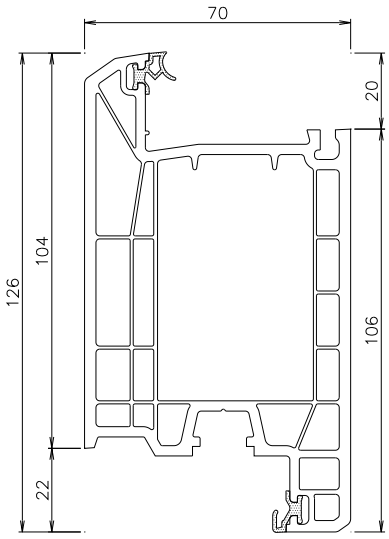
Zubehör *Ancillaries*	**645**	**655**	**S404000**	**498**
Bezeichnung *Name*	Verstärkung *Reinforcement*	Verstärkung 2 mm *Reinforcement*	Verstärkung 2 mm *Reinforcement*	Haustür-Eckverbinder *Residential door corner connector*
Zeichnung *Drawing*				
Values	I_x = 7,1 cm⁴ I_y = 7,1 cm⁴	I_x = 7,1 cm⁴ I_y = 7,1 cm⁴	I_x = 7,1 cm⁴ I_y = 7,1 cm⁴	

Zubehör *Ancillaries*	**MS185**	**K5784**	**K784**	**K785**
Bezeichnung *Name*	Montageschlüssel *Insertion device*	Endkappe für 5784 *End cap*	Endkappe für 784 *End cap*	Endkappe für 7785 *End cap*
Zeichnung *Drawing*				
Values				

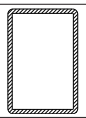
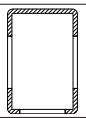
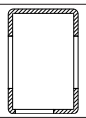
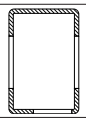
Zubehör *Ancillaries*	**5784**	**784**	**7785**	**D785**
Bezeichnung *Name*	Wetterschenkel *Weather bar*	Wetterschenkel *Weather bar*	Haustürsockel *Residential door base*	Dichtung für 7785 *Seal*
Zeichnung *Drawing*				
Values				

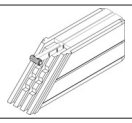
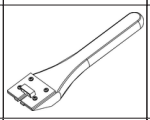
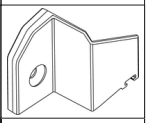
Zubehör *Ancillaries*	**D5784**	**D6784**
Bezeichnung *Name*	Dichtung für 5784 *Seal*	Dichtung für 5784 *Seal*
Zeichnung *Drawing*		
Values		

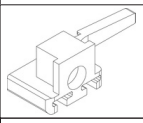
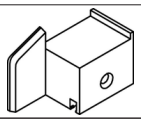
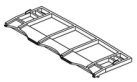
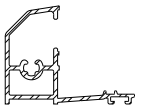
378.67 Tür-Flügel 126 mm / *Door sash*

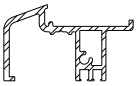
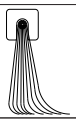
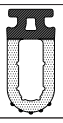


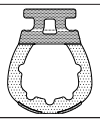
378.67 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	**S604025**	**S604000**	**S604000L**	**S604000R**
Bezeichnung	Verstärkung 2,5 mm	Verstärkung 2,5 mm	Verstärkung 2,5 mm	Verstärkung 2,5 mm
Name	*Reinforcement*	*Reinforcement*	*Reinforcement*	*Reinforcement*
Zeichnung *Drawing*				
Values	I_x = 12,1 cm⁴ I_y = 22,8 cm⁴	I_x = 12,1 cm⁴	I_x = 12,1 cm⁴	I_x = 12,1 cm⁴

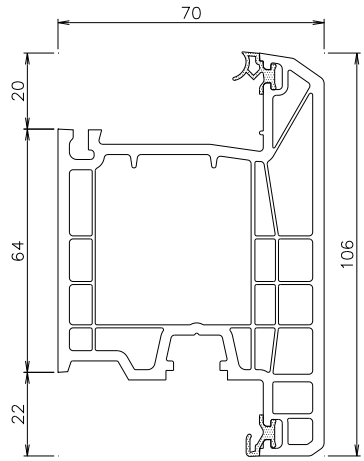
Zubehör *Ancillaries*	**AS378**	**398**	**MS185**	**K5784**
Bezeichnung	Aluschale	Haustür-Eckverbinder	Montageschlüssel	Endkappe für 5784
Name	*Aluminium cover*	*Residential door corner connector*	*Insertion device*	*End cap*
Zeichnung *Drawing*				
Values	E: 262 mm S: 130 mm			

Zubehör *Ancillaries*	**K784**	**K785**	**KB70**	**5784**
Bezeichnung	Endkappe für 784	Endkappe für 7785	Klotzbrücke	Wetterschenkel
Name	*End cap*	*End cap*	*Rebate insert*	*Weather bar*
Zeichnung *Drawing*				
Values				

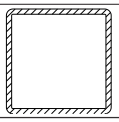
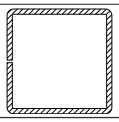
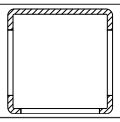
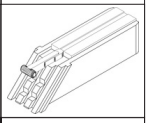
Zubehör *Ancillaries*	**784**	**7785**	**D785**	**D5784**
Bezeichnung	Wetterschenkel	Haustürsockel	Dichtung für 7785	Dichtung für 5784
Name	*Weather bar*	*Residential door base*	*Seal*	*Seal*
Zeichnung *Drawing*				
Values				

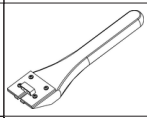
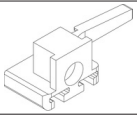
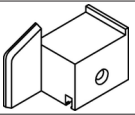
Zubehör *Ancillaries*	**D6784**
Bezeichnung	Dichtung für 5784
Name	*Seal*
Zeichnung *Drawing*	
Values	

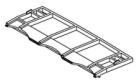
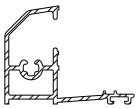
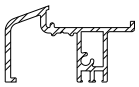
374.67 T-Flügel 106 mm / *T sash*

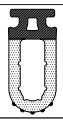
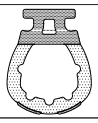


374.67 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

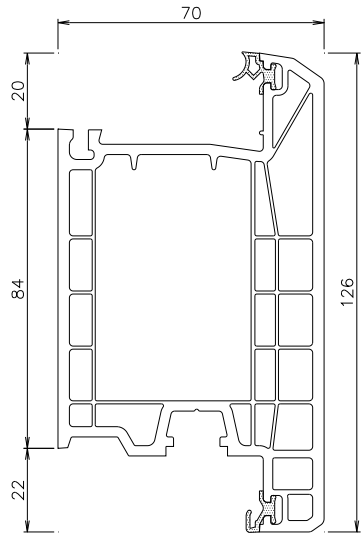
Zubehör *Ancillaries*	**645**	**655**	**S404000**	**498**
Bezeichnung	Verstärkung	Verstärkung 2 mm	Verstärkung 2 mm	Haustür-Eckverbinder
Name	*Reinforcement*	*Reinforcement*	*Reinforcement*	*Residential door corner connector*
Zeichnung *Drawing*				
Values	I_x = 7,1 cm⁴ I_y = 7,1 cm⁴	I_x = 7,1 cm⁴ I_y = 7,1 cm⁴	I_x = 7,1 cm⁴ I_y = 7,1 cm⁴	

Zubehör *Ancillaries*	**MS185**	**K5784**	**K784**	**K785**
Bezeichnung	Montageschlüssel	Endkappe für 5784	Endkappe für 784	Endkappe für 7785
Name	*Insertion device*	*End cap*	*End cap*	*End cap*
Zeichnung *Drawing*				
Values				

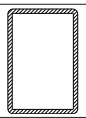
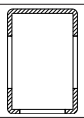
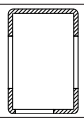
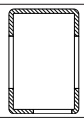
Zubehör *Ancillaries*	**KB70**	**5784**	**784**	**7785**
Bezeichnung	Klotzbrücke	Wetterschenkel	Wetterschenkel	Haustürsockel
Name	*Rebate insert*	*Weather bar*	*Weather bar*	*Residential door base*
Zeichnung *Drawing*				
Values				

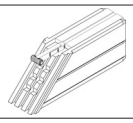
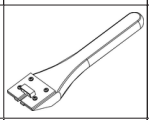
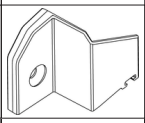
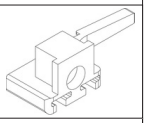
Zubehör *Ancillaries*	**D785**	**D5784**	**D6784**
Bezeichnung	Dichtung für 7785	Dichtung für 5784	Dichtung für 5784
Name	*Seal*	*Seal*	*Seal*
Zeichnung *Drawing*			
Values			

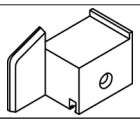
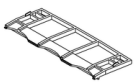
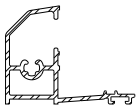
379.67 Tür-Flügel 126 mm / *Door sash*

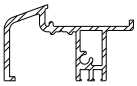
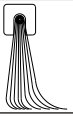
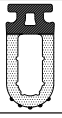
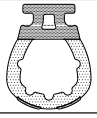


379.67 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

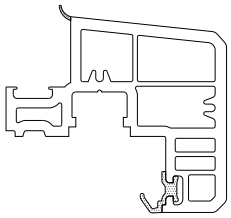
Zubehör *Ancillaries*	**S604025**	**S604000**	**S604000L**	**S604000R**
Bezeichnung *Name*	Verstärkung 2,5 mm *Reinforcement*	Verstärkung 2,5 mm *Reinforcement*	Verstärkung 2,5 mm *Reinforcement*	Verstärkung 2,5 mm *Reinforcement*
Zeichnung *Drawing*				
Values	I_x = 12,1 cm⁴ I_y = 22,8 cm⁴	I_x = 12,1 cm⁴	I_x = 12,1 cm⁴	I_x = 12,1 cm⁴

Zubehör *Ancillaries*	**398**	**MS185**	**K5784**	**K784**
Bezeichnung *Name*	Haustür-Eckverbinder *Residential door corner connector*	Montageschlüssel *Insertion device*	Endkappe für 5784 *End cap*	Endkappe für 784 *End cap*
Zeichnung *Drawing*				
Values				

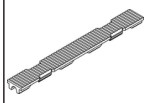
Zubehör *Ancillaries*	**K785**	**KB70**	**5784**	**784**
Bezeichnung *Name*	Endkappe für 7785 *End cap*	Klotzbrücke *Rebate insert*	Wetterschenkel *Weather bar*	Wetterschenkel *Weather bar*
Zeichnung *Drawing*				
Values				

Zubehör *Ancillaries*	**7785**	**D785**	**D5784**	**D6784**
Bezeichnung *Name*	Haustürsockel *Residential door base*	Dichtung für 7785 *Seal*	Dichtung für 5784 *Seal*	Dichtung für 5784 *Seal*
Zeichnung *Drawing*				
Values				

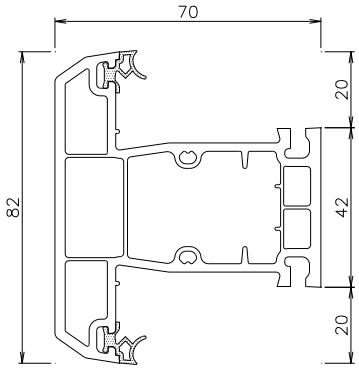
2399 Flügel 52 mm / *Sash*



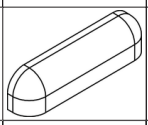
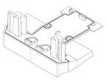
2399 mit schwarzer Dichtung
with black gasket

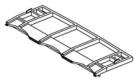
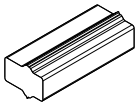
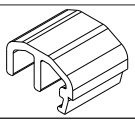
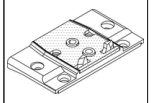
Zubehör *Ancillaries*	KBSG1
Bezeichnung *Name*	Klotzbrücke *Rebate insert*
Zeichnung *Drawing*	
Values	

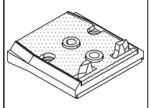
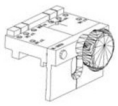
392.77 Pfosten 82 mm / *Mullion/transom*



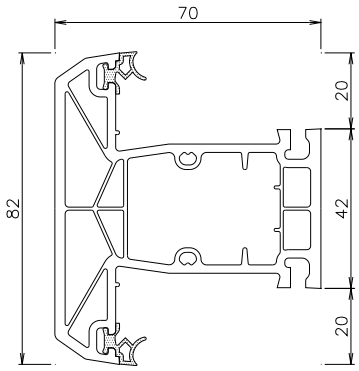
392.77 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	604	195	DK380	ESPPF2
Bezeichnung *Name*	Verstärkung 2 mm *Reinforcement*	Schlitzkappe *Water slot cap*	Dichtkissen/Schwellenverbinder *Sealing pad/conector for threshold*	Einschubprofil *View slide*
Zeichnung *Drawing*				
Values	I_x = 3,6 cm^4 I_y = 1,3 cm^4			

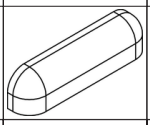
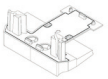
Zubehör *Ancillaries*	KB70	V380S	199	V380
Bezeichnung *Name*	Klotzbrücke *Rebate insert*	Einschubprofil *View slide*	Auflaufbock *Sliding support*	Pfostenverbinder *Transom connector*
Zeichnung *Drawing*				
Values				

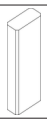
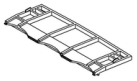
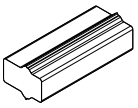
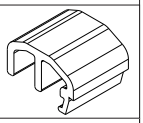
Zubehör *Ancillaries*	V380A	BL380MV	BL380OV
Bezeichnung *Name*	Pfostenverbinder *Transom connector*	Bohrlehre *Drilling jig*	Bohrlehre *Drilling jig*
Zeichnung *Drawing*			
Values			

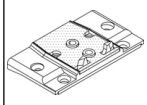
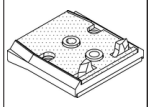
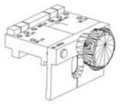
3380.77 Pfosten 82 mm / *Mullion/transom*



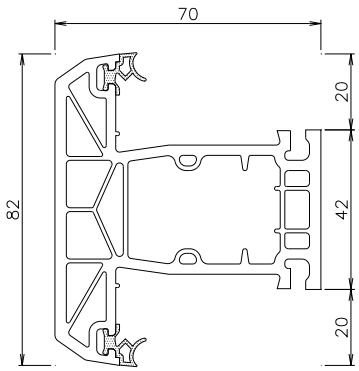
3380.77 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	604	AS380	195	DK380
Bezeichnung *Name*	Verstärkung 2 mm *Reinforcement*	Aluschale *Aluminium cover*	Schlitzkappe *Water slot cap*	Dichtkissen/ Schwellenverbinder *Sealing pad/conector for threshold*
Zeichnung *Drawing*				
Values	I_x = 3,6 cm^4 I_y = 1,3 cm^4	E: 240 mm S: 121 mm		

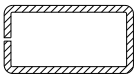
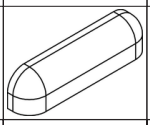
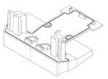
Zubehör *Ancillaries*	ESPPF2	KB70	V380S	199
Bezeichnung *Name*	Einschubprofil *View slide*	Klotzbrücke *Rebate insert*	Einschubprofil *View slide*	Auflaufbock *Sliding support*
Zeichnung *Drawing*				
Values				

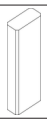
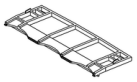
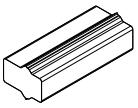
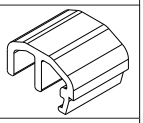
Zubehör *Ancillaries*	V380	V380A	BL380MV	BL380OV
Bezeichnung *Name*	Pfostenverbinder *Transom connector*	Pfostenverbinder *Transom connector*	Bohrlehre *Drilling jig*	Bohrlehre *Drilling jig*
Zeichnung *Drawing*				
Values				

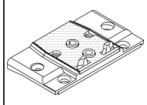
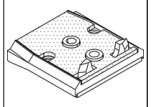
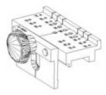
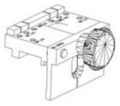
380.77 Pfosten 82 mm / *Mullion/transom*



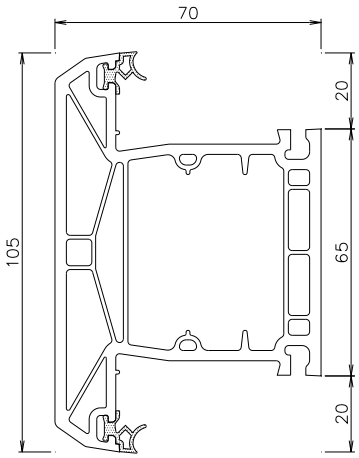
380.77 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	604	AS380	195	DK380
Bezeichnung *Name*	Verstärkung 2 mm *Reinforcement*	Aluschale *Aluminium cover*	Schlitzkappe *Water slot cap*	Dichtkissen/ Schwellenverbinder *Sealing pad/conector for threshold*
Zeichnung *Drawing*				
Values	I_x = 3,6 cm^4 I_y = 1,3 cm^4			

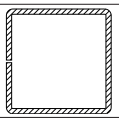
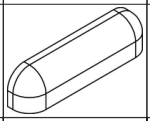
Zubehör *Ancillaries*	ESPPF2	KB70	V380S	199
Bezeichnung *Name*	Einschubprofil *View slide*	Klotzbrücke *Rebate insert*	Einschubprofil *View slide*	Auflaufbock *Sliding support*
Zeichnung *Drawing*				
Values				

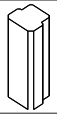
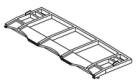
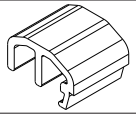
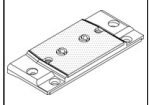
Zubehör *Ancillaries*	V380	V380A	BL380MV	BL380OV
Bezeichnung *Name*	Pfostenverbinder *Transom connector*	Pfostenverbinder *Transom connector*	Bohrlehre *Drilling jig*	Bohrlehre *Drilling jig*
Zeichnung *Drawing*				
Values				

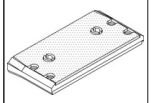
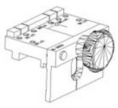
382.77 Pfosten 105 mm / *Mullion/transom*



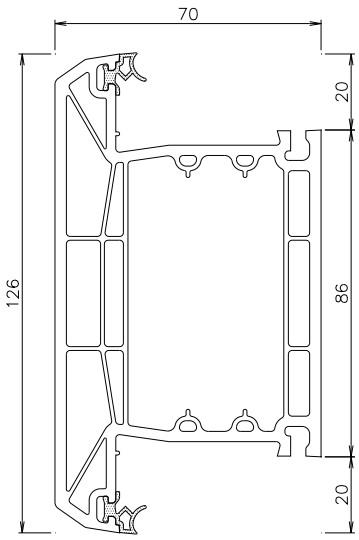
382.77 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	655	AS382	195	DK382
Bezeichnung	Verstärkung 2 mm	Aluschale	Schlitzkappe	Dichtkissen/ Schwellenverbinder
Name	*Reinforcement*	*Aluminium cover*	*Water slot cap*	*Sealing pad/conector for threshold*
Zeichnung *Drawing*				
Values	I_x = 7,1 cm⁴ I_y = 7,1 cm⁴	E: 287 mm S: 144 mm		

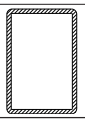
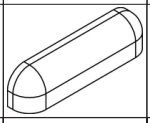
Zubehör *Ancillaries*	ESPMV1	KB70	199	V382
Bezeichnung	Einschubprofil	Klotzbrücke	Auflaufbock	Pfostenverbinder
Name	*View slide*	*Rebate insert*	*Sliding support*	*Transom connector*
Zeichnung *Drawing*				
Values				

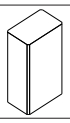
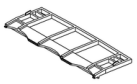
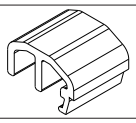
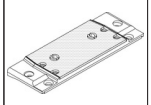
Zubehör *Ancillaries*	V382A	BL380MV	BL380OV
Bezeichnung	Pfostenverbinder	Bohrlehre	Bohrlehre
Name	*Transom connector*	*Drilling jig*	*Drilling jig*
Zeichnung *Drawing*			
Values			

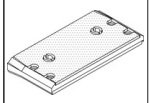
381.77 Pfosten 126 mm / *Mullion/transom*



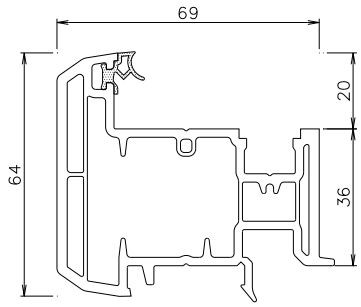
381.77 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	S604025	AS381	195	DK381
Bezeichnung	Verstärkung 2,5 mm	Aluschale	Schlitzkappe	Dichtkissen/ Schwellenverbinder
Name	*Reinforcement*	*Aluminium cover*	*Water slot cap*	*Sealing pad/conector for threshold*
Zeichnung *Drawing*				
Values	I_x = 12,1 cm⁴ I_y = 22,8 cm⁴	E: 331 mm S: 165 mm		

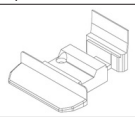
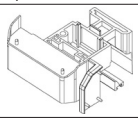
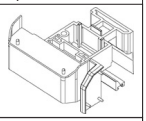
Zubehör *Ancillaries*	ESPPF3	KB70	199	V381
Bezeichnung	Einschubprofil	Klotzbrücke	Auflaufbock	Pfostenverbinder
Name	*View slide*	*Rebate insert*	*Sliding support*	*Transom connector*
Zeichnung *Drawing*				
Values				

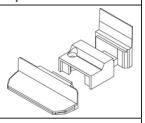
Zubehör *Ancillaries*	V381A	BL380MV
Bezeichnung	Pfostenverbinder	Bohrlehre
Name	*Transom connector*	*Drilling jig*
Zeichnung *Drawing*		
Values		

385.06 Stulp 64 mm / *Floating mullion*

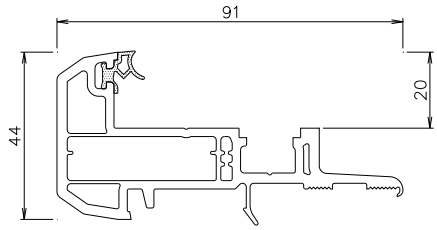


385.06 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

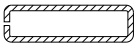
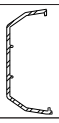
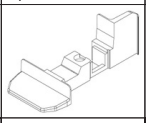
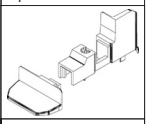
Zubehör *Ancillaries*	604	K385	K3851L	K3851R
Bezeichnung *Name*	Verstärkung 2 mm *Reinforcement*	Stulpabdeckung *Floating mullion end cap*	Stulpabdeckung *Floating mullion end cap*	Stulpabdeckung *Floating mullion end cap*
Zeichnung *Drawing*				
Values	I_x = 3,6 cm^4 I_y = 1,3 cm^4			

Zubehör *Ancillaries*	K3852
Bezeichnung *Name*	Stulpabdeckung *Floating mullion end cap*
Zeichnung *Drawing*	
Values	

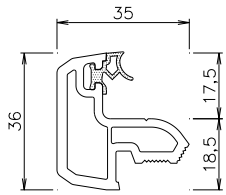
386.06 Stulp 44 mm / *Floating mullion*



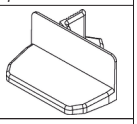
386.06 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	218	AS386	K386	K3862
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Aluschale *Aluminium cover*	Stulpabdeckung *Floating mullion end cap*	Stulpabdeckung *Floating mullion end cap*
Zeichnung *Drawing*				
Values	I_x = 1,5 cm^4 I_y = 0,2 cm^4	E: 165 mm S: 83 mm		

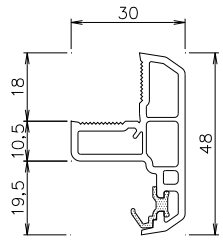
387.06 Stulp 36 mm / *Floating mullion*



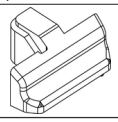
387.06 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	K387
Bezeichnung *Name*	Stulpabdeckung *Floating mullion end cap*
Zeichnung *Drawing*	
Values	

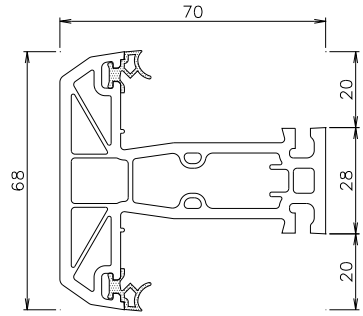
7796 Stulp Innenanschlag 48mm / *Floating mullion internal stop*



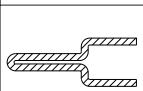
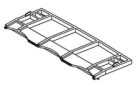
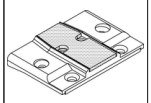
7796 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

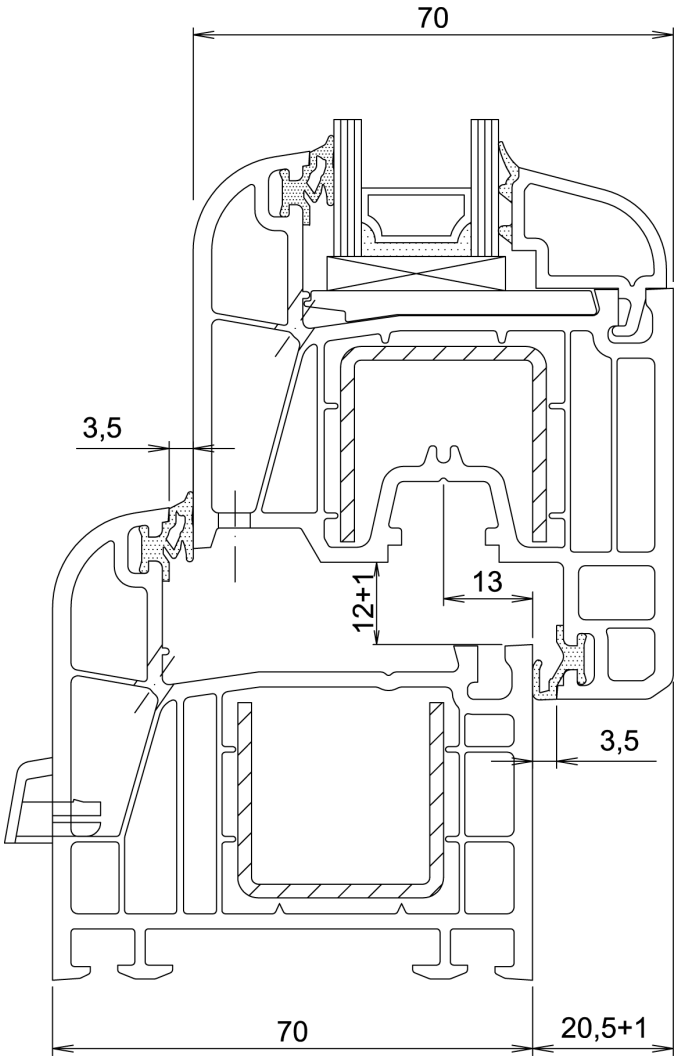
Zubehör *Ancillaries*	K7796
Bezeichnung *Name*	Stulpabdeckung *Floating mullion end cap*
Zeichnung *Drawing*	
Values	

SP 368.77 Flügelsprosse 68 mm / *Sash rail*



SP 368.77 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	S3682	AS368	KB70	VSP368
Bezeichnung *Name*	Verstärkung 2 mm *Reinforcement*	Aluschale *Aluminium cover*	Klotzbrücke *Rebate insert*	Flügelsprossen-verbinder *Georgian bars connector*
Zeichnung *Drawing*				
Values	I_x = 1,8 cm^4 I_y = 0,3 cm^4	E: 212 mm S: 107 mm		



Technische Daten - Prüfwerte Fenster ***Technical data - test values Windows***	
Wärmedurchgangskoeffizient *Heat transfer coefficient*	**bis U_f = 1,3 W/(m²K)**
Widerstandsfähigkeit gegen Windlast *Resistance to wind load*	**bis Klasse C 5/ B5**
Schlagregendichtheit - Ungeschützt (A) *Tightness against driving rain - unprotected (A)*	**bis 9A**
Luftdurchlässigkeit *Air permeability*	**bis Klasse 4**
Schallschutz *Sound insulation*	**bis 45 dB**
Einbruchhemmung *Burglar-resistant*	**bis RC 2 (WK 2)**

System Highlights

- Verbesserter Wärmeschutz durch eine Bautiefe von 70 mm.
- 5-Kammer-Anschlagdichtungstechnik.
- Elegante Rund-Optik mit harmonischer Linienführung.
- Optische Abrundung durch überlappende Übergänge bei Kopplungen.
- Wirtschaftlichkeit durch minimierte Lagerhaltung.
- Kompatibilität zu den bestehenden KBE-Systemen bei Stahl, Glasleisten und weitgehend bei Anschlussprofilen.
- Gleicher Stahl in Blendrahmen und Flügel.
- Gleicher Beschlag wie bei System_70mm (Anschlag-dichtung).
- Vielzahl an Dekor- und Farbvarianten möglich.
- Zusätzlicher Wärme-, Schallschutz und Sicherheit durch tieferen Glasfalz, d.h. Aufnahme von dickerer Verglasung und Panelen möglich.
- Mehr Sicherheit durch 13 mm Achsmaß.
- Optimierter Isothermenverlauf.
- Verbreiterungen mit integrierter Dichtung für fachgerechte Montage und optimierten Wärmeschutz.
- Optimierte Montage d.h. beim Ersatz von Holzfenstern neuerer Generationen mit größerer Bautiefe.
- Bleifrei im Frischmaterial auf Calcium-Zink Basis.
- Uf -Wert = 1,3 W/(m²K)

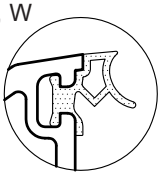
System highlights

- *70 mm installation depth for enhanced thermal insulation.*
- *5-chamber double seal technology.*
- *Elegant round look with balanced play of lines.*
- *Overlapping transitions on couplings for visual integrity.*
- *Cost effectiveness through minimised storage.*
- *Compatibility with steel, glazing beads, and a great many extension profiles for existing KBE systems.*
- *Light grey or black gaskets for a balanced overall look*
- *Same steel reinforcement in outer frame and sash.*
- *Same hardware as for System_70mm, (double seal).*
- *Large number of laminate and colour variants possible.*
- *Deeper glazing rebate, i.e. for receiving thicker glazing and panels, for additional safety and thermal and sound insulation.*
- *13 mm centre-to-centre distance for greater safety.*
- *Optimised isotherm paths.*
- *Extension profiles with integrated gasket for professional installations and optimised thermal insulation.*
- *Optimised installation, i.e. when wooden windows of more recent generations are replaced with greater installation depths.*
- *Lead-free virgin material based on calcium and zinc.*
- *Uf value = 1.3 W/(m²K)*

Dichtungssystem
Seals system

Verschweißbare Dichtungen *Weldable Seals*

X, W



PCE
Verglasungsdichtung
rebate seal

Z

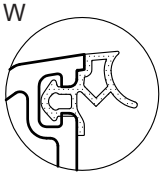


PCE
Anschlagdichtung
rebate seal

TPE-Dichtungen / TPE-*Seals*

schweißbare Reparaturdichtungen
weldable repair gaskets

X, W

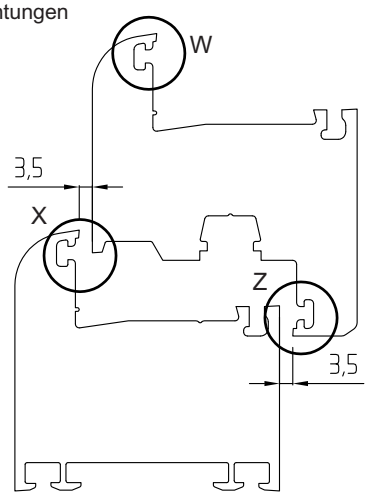


DP 7

Z



DP 6



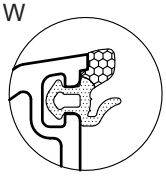
PCE = Verschweißbare Dichtungen die bei Profilausführungen in **lichtgrauer oder schwarzer Dichtung** bereits im Profil integriert sind.

*PCE = weldable gaskets that are already integrated in the profile designs **light grey gasket** or **black gasket.***

EPDM Dichtungen / *EPDM Seals*

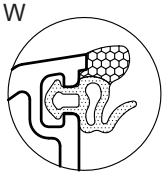
(schwarz, lichtgrau RAL 7035 oder grau RAL 7038
(black, light grey RAL 7035 or grey RAL 7038)

X, W



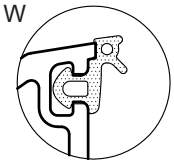
256

X, W



257

W



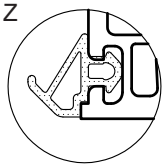
254

W



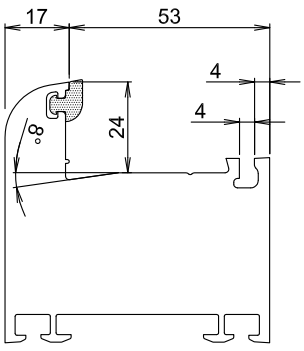
255

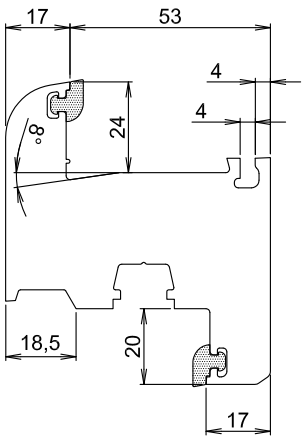
X, Z

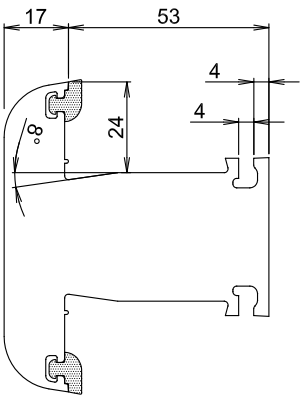


228

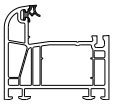
Systemmaße für Bearbeitungsmaschinen
System dimensions for processing machines



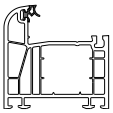




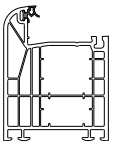
Rahmenprofile
Frame profiles



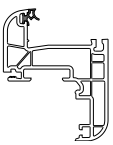
490.07
Blendrahmen 63 mm
Outer frame
Seite/*Page* **64**



470.07
Blendrahmen 69 mm
Outer frame
Seite/*Page* **64**

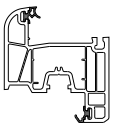


471.07
Blendrahmen 90 mm
Outer frame
Seite/*Page* **65**

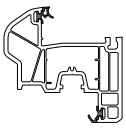


431.07
Umbaublendrahmen 88 mm
Modifying outer frame
Seite/*Page* **66**

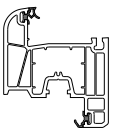
Flügelprofile
Sash profiles



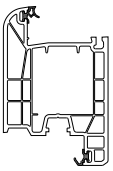
495.67
Flügel 77 mm
Sash
Seite/*Page* **67**



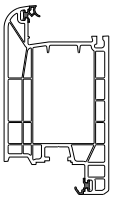
496.67
Stilflügel 77 mm
Feature sash
Seite/*Page* **67**



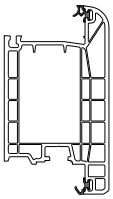
475.67
Flügel 80 mm
Sash
Seite/*Page* **68**



473.67
Flügel 106 mm
Sash
Seite/*Page* **68**

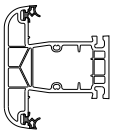


478.67
Haustürflügel 126 mm
Residential door sash
Seite/*Page* **69**



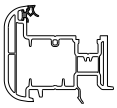
479.67
Tür-Flügel 126 mm
Door sash
Seite/*Page* **70**

Pfosten/Kämpfer und Flügelsprossen
mullion / transom and sash rails



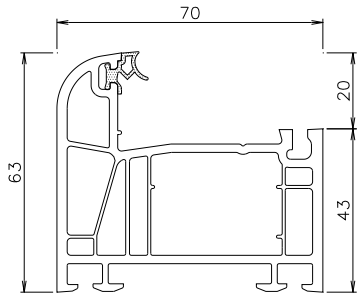
480.77
Pfosten 82 mm
Mullion / transom
Seite/*Page* **70**

Stulpprofile
floating mullion profiles

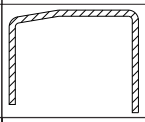
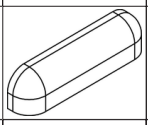
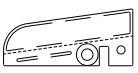
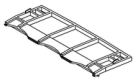


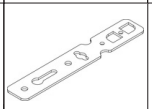
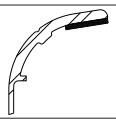
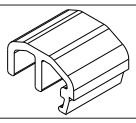
485.06
Stulp 64 mm
Floating mullion
Seite/*Page* **71**

490.07 Blendrahmen 63 mm / *Outer frame*

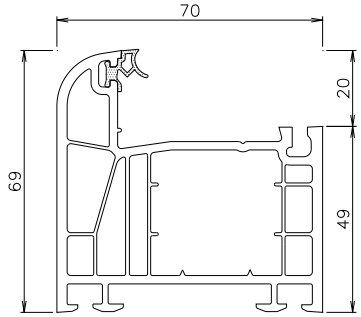


490.07 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

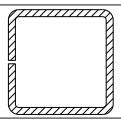
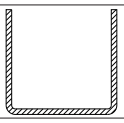
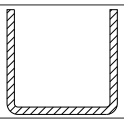
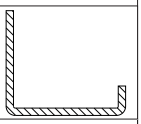
Zubehör *Ancillaries*	207	195	K184N	KB70
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Schlitzkappe *Water slot cap*	Endkappe für 184 *End cap*	Klotzbrücke *Rebate insert*
Zeichnung *Drawing*				
Values	I_x = 1,8 cm⁴ I_y = 0,6 cm⁴			

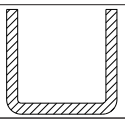
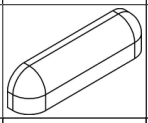
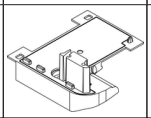
Zubehör *Ancillaries*	7220	7282	199	184
Bezeichnung *Name*	Montageanker *Wall anchor*	Trittschutz *Door tread bar*	Auflaufbock *Sliding support*	Trittschwelle *Door tread threshold*
Zeichnung *Drawing*				
Values				

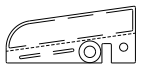
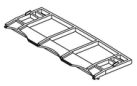
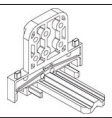
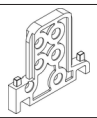
470.07 Blendrahmen 69 mm / *Outer frame*

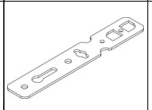
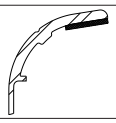
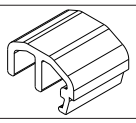


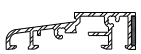
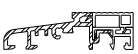
470.07 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	634	S3701	S3702	S3702A
Bezeichnung *Name*	Verstärkung 2,0 mm *Reinforcement*	Verstärkung 1,5 mm *Reinforcement*	Verstärkung 2 mm *Reinforcement*	Verstärkung 2 mm *Reinforcement*
Zeichnung *Drawing*				
Values	I_x = 2,8 cm⁴ I_y = 2,8 cm⁴	I_x = 1,9 cm⁴ I_y = 1,1 cm⁴	I_x = 2,5 cm⁴ I_y = 1,4 cm⁴	I_x = 1,7 cm⁴ I_y = 1,0 cm⁴

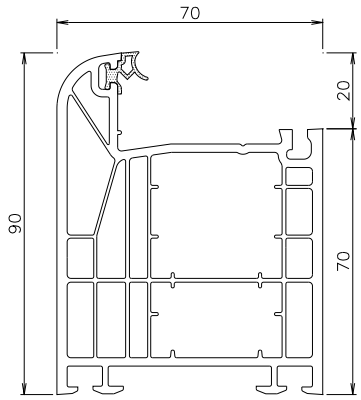
Zubehör *Ancillaries*	S3703	195	DK470	ESPBR1
Bezeichnung *Name*	Verstärkung 3 mm *Reinforcement*	Schlitzkappe *Water slot cap*	Dichtkissen/ Schwellenverbinder *Sealing pad/conector for threshold*	Einschubprofil *View slide*
Zeichnung *Drawing*				
Values	I_x = 3,4 cm⁴ I_y = 1,9 cm⁴			

Zubehör *Ancillaries*	K184N	KB70	SH70	SH70P
Bezeichnung *Name*	Endkappe für 184 *End cap*	Klotzbrücke *Rebate insert*	Schwellenhalter *Connector*	Schwellenhalter *Connector*
Zeichnung *Drawing*				
Values				

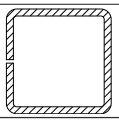
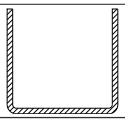
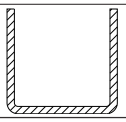
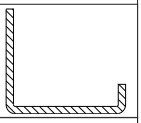
Zubehör *Ancillaries*	7220	7282	199	184
Bezeichnung *Name*	Montageanker *Wall anchor*	Trittschutz *Door tread bar*	Auflaufbock *Sliding support*	Trittschwelle *Door tread threshold*
Zeichnung *Drawing*				
Values				

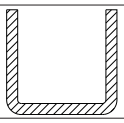
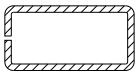
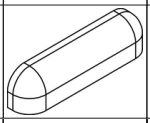
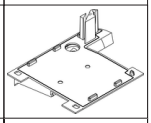
Zubehör *Ancillaries*	7788	7787	7789
Bezeichnung *Name*	Tür-Schwelle *Door threshold*	Tür-Schwelle *Door threshold*	Tür-Schwelle *Door threshold*
Zeichnung *Drawing*			
Values			

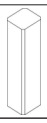
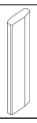
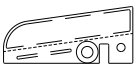
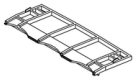
471.07 Blendrahmen 90 mm / *Outer frame*

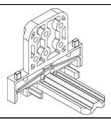
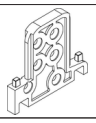
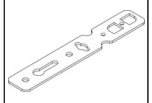
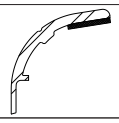


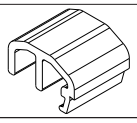
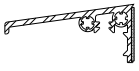
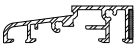
471.07 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

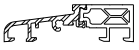
Zubehör *Ancillaries*	634	S3701	S3702	S3702A
Bezeichnung *Name*	Verstärkung 2,0 mm *Reinforcement*	Verstärkung 1,5 mm *Reinforcement*	Verstärkung 2 mm *Reinforcement*	Verstärkung 2 mm *Reinforcement*
Zeichnung *Drawing*				
Values	I_x = 2,8 cm⁴ I_y = 2,8 cm⁴	I_x = 1,9 cm⁴ I_y = 1,1 cm⁴	I_x = 2,5 cm⁴ I_y = 1,4 cm⁴	I_x = 1,7 cm⁴ I_y = 1,0 cm⁴

Zubehör *Ancillaries*	S3703	606	195	DK471
Bezeichnung *Name*	Verstärkung 3 mm *Reinforcement*	Verstärkung 1,5 mm *Reinforcement*	Schlitzkappe *Water slot cap*	Dichtkissen/ Schwellenverbinder *Sealing pad/conector for threshold*
Zeichnung *Drawing*				
Values	I_x = 3,4 cm⁴ I_y = 1,9 cm⁴	I_x = 1,3 cm⁴ I_y = 0,4 cm⁴		

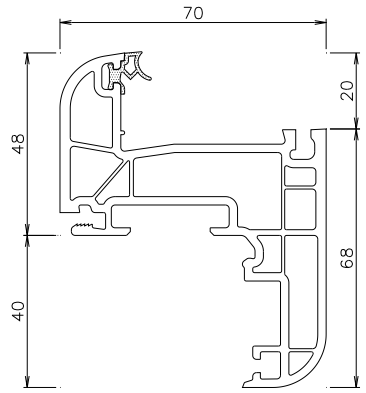
Zubehör *Ancillaries*	ESPBR1	ESPBR2	K184N	KB70
Bezeichnung *Name*	Einschubprofil *View slide*	Einschubprofil *View slide*	Endkappe für 184 *End cap*	Klotzbrücke *Rebate insert*
Zeichnung *Drawing*				
Values				

Zubehör *Ancillaries*	SH70	SH70P	7220	7282
Bezeichnung *Name*	Schwellenhalter *Connector*	Schwellenhalter *Connector*	Montageanker *Wall anchor*	Trittschutz *Door tread bar*
Zeichnung *Drawing*				
Values				

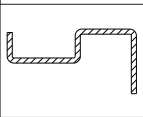
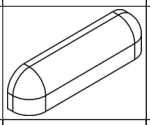
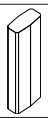
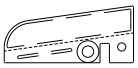
Zubehör *Ancillaries*	199	184	7788	7787
Bezeichnung *Name*	Auflaufbock *Sliding support*	Trittschwelle *Door tread threshold*	Tür-Schwelle *Door threshold*	Tür-Schwelle *Door threshold*
Zeichnung *Drawing*				
Values				

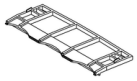
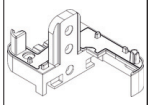
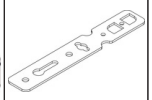
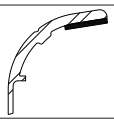
Zubehör *Ancillaries*	7789
Bezeichnung *Name*	Tür-Schwelle *Door threshold*
Zeichnung *Drawing*	
Values	

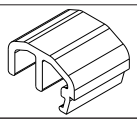
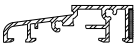
431.07 Umbaublendrahmen 88 mm / *Modifying outer frame*



431.07 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

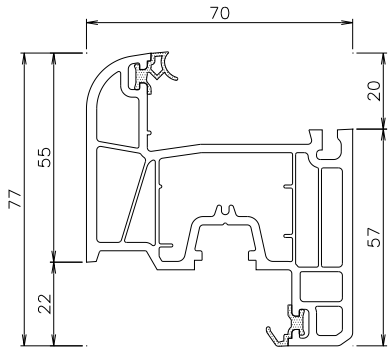
Zubehör *Ancillaries*	S3311	195	ESPBR4	K184N
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Schlitzkappe *Water slot cap*	Einschubprofil *View slide*	Endkappe für 184 *End cap*
Zeichnung *Drawing*				
Values	I_x = 1,8 cm^4 I_y = 0,2 cm^4			

Zubehör *Ancillaries*	KB70	SH431	7220	7282
Bezeichnung *Name*	Klotzbrücke *Rebate insert*	Schwellenhalter *Connector*	Montageanker *Wall anchor*	Trittschutz *Door tread bar*
Zeichnung *Drawing*				
Values				

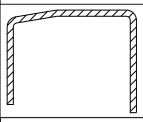
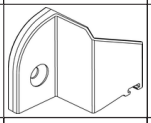
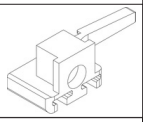
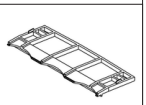
Zubehör *Ancillaries*	199	184	7788	7787
Bezeichnung *Name*	Auflaufbock *Sliding support*	Trittschwelle *Door tread threshold*	Tür-Schwelle *Door threshold*	Tür-Schwelle *Door threshold*
Zeichnung *Drawing*				
Values				

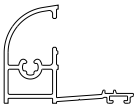
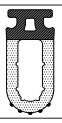
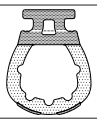
Zubehör *Ancillaries*	7789
Bezeichnung *Name*	Tür-Schwelle *Door threshold*
Zeichnung *Drawing*	
Values	

495.67 Flügel 77 mm / *Sash*

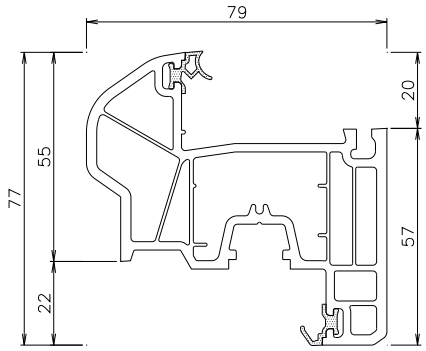


495.67 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

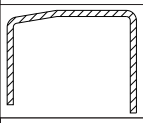
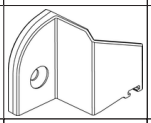
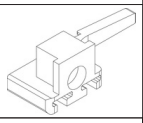
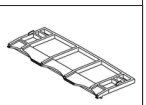
Zubehör *Ancillaries*	207	K4784	K784	KB70
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Enkappe zu 4784 *End cap*	Endkappe für 784 *End cap*	Klotzbrücke *Rebate insert*
Zeichnung *Drawing*				
Values	I_x = 1,8 cm^4 I_y = 0,6 cm^4			

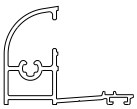
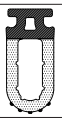
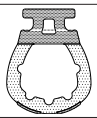
Zubehör *Ancillaries*	4784	784	D5784	D6784
Bezeichnung *Name*	Haustürwetterschenkel *Res. door weather bar*	Wetterschenkel *Weather bar*	Dichtung für 4784 *Seal*	Dichtung für 4784 *Seal*
Zeichnung *Drawing*				
Values				

496.67 Stilflügel 77 mm / *Feature sash*

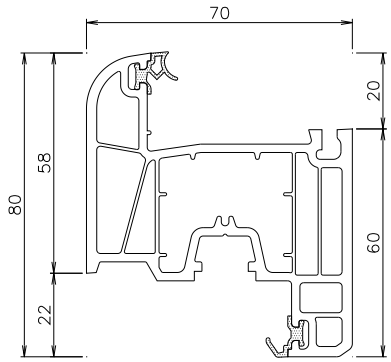


496.67 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

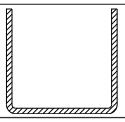
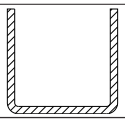
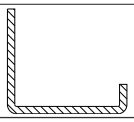
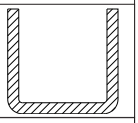
Zubehör *Ancillaries*	207	K4784	K784	KB70
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Enkappe zu 4784 *End cap*	Endkappe für 784 *End cap*	Klotzbrücke *Rebate insert*
Zeichnung *Drawing*				
Values	I_x = 1,8 cm^4 I_y = 0,6 cm^4			

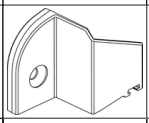
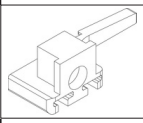
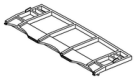
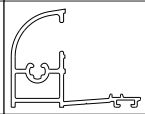
Zubehör *Ancillaries*	4784	784	D5784	D6784
Bezeichnung *Name*	Haustürwetter-schenkel *Res. door weather bar*	Wetterschenkel *Weather bar*	Dichtung für 4784 *Seal*	Dichtung für 4784 *Seal*
Zeichnung *Drawing*				
Values				

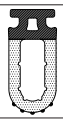
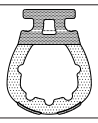
475.67 Flügel 80 mm / *Sash*



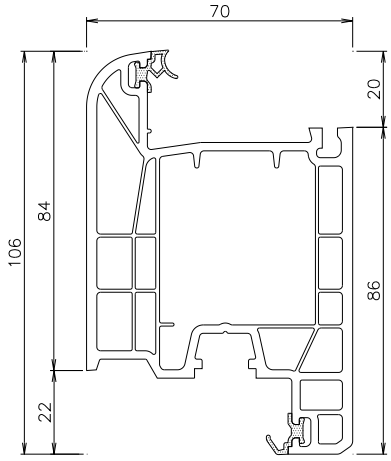
475.67 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	S3701	S3702	S3702A	S3703
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Verstärkung 2 mm *Reinforcement*	Verstärkung 2 mm *Reinforcement*	Verstärkung 3 mm *Reinforcement*
Zeichnung *Drawing*				
Values	I_x = 1,9 cm⁴ I_y = 1,1 cm⁴	I_x = 2,5 cm⁴ I_y = 1,4 cm⁴	I_x = 1,7 cm⁴ I_y = 1,0 cm⁴	I_x = 3,4 cm⁴ I_y = 1,9 cm⁴

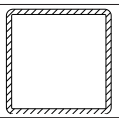
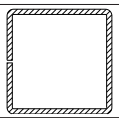
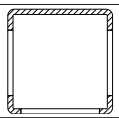
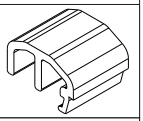
Zubehör *Ancillaries*	K4784	K784	KB70	4784
Bezeichnung *Name*	Enkappe zu 4784 *End cap*	Endkappe für 784 *End cap*	Klotzbrücke *Rebate insert*	Haustürwetterschenkel *Res. door weather bar*
Zeichnung *Drawing*				
Values				

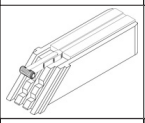
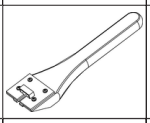
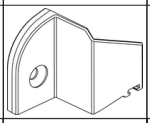
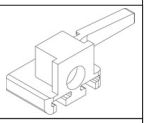
Zubehör *Ancillaries*	784	D5784	D6784
Bezeichnung *Name*	Wetterschenkel *Weather bar*	Dichtung für 4784 *Seal*	Dichtung für 4784 *Seal*
Zeichnung *Drawing*			
Values			

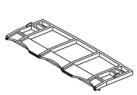
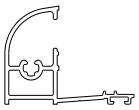
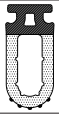
473.67 Flügel 106 mm / *Sash*



473.67 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

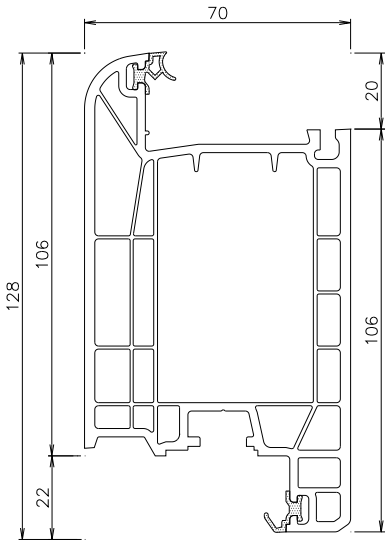
Zubehör *Ancillaries*	645	655	S404000	199
Bezeichnung *Name*	Verstärkung *Reinforcement*	Verstärkung 2 mm *Reinforcement*	Verstärkung 2 mm *Reinforcement*	Auflaufbock *Sliding support*
Zeichnung *Drawing*				
Values	I_x = 7,1 cm⁴ I_y = 7,1 cm⁴	I_x = 7,1 cm⁴ I_y = 7,1 cm⁴	I_x = 7,1 cm⁴ I_y = 7,1 cm⁴	

Zubehör *Ancillaries*	498	MS185	K4784	K784
Bezeichnung *Name*	Haustür-Eckverbinder *Residential door corner connector*	Montageschlüssel *Insertion device*	Enkappe zu 4784 *End cap*	Endkappe für 784 *End cap*
Zeichnung *Drawing*				
Values				

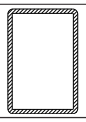
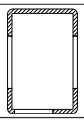
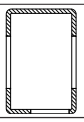
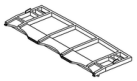
Zubehör *Ancillaries*	KB70	4784	784	D5784
Bezeichnung *Name*	Klotzbrücke *Rebate insert*	Haustürwetter-schenkel *Res. door weather bar*	Wetterschenkel *Weather bar*	Dichtung für 4784 *Seal*
Zeichnung *Drawing*				
Values				

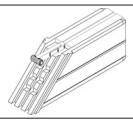
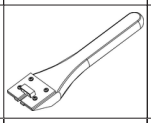
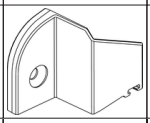
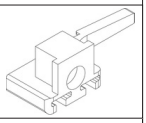
Zubehör *Ancillaries*	D6784
Bezeichnung *Name*	Dichtung für 4784 *Seal*
Zeichnung *Drawing*	
Values	

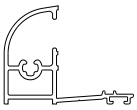
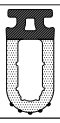
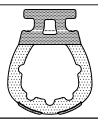
478.67 Haustürflügel 126 mm / *Residential door sash*



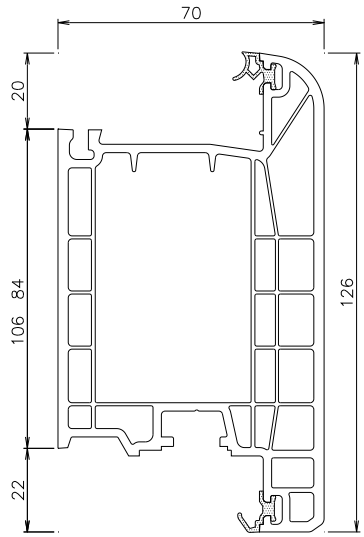
478.67 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	S604025	S604000L	S604000R	KB70
Bezeichnung *Name*	Verstärkung 2,5 mm *Reinforcement*	Verstärkung 2,5 mm *Reinforcement*	Verstärkung 2,5 mm *Reinforcement*	Klotzbrücke *Rebate insert*
Zeichnung *Drawing*				
Values	I_x = 12,1 cm⁴ I_y = 22,8 cm⁴	I_x = 12,1 cm⁴	I_x = 12,1 cm⁴	

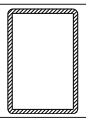
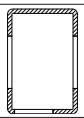
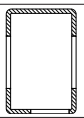
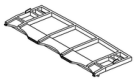
Zubehör *Ancillaries*	398	MS185	K4784	K784
Bezeichnung *Name*	Haustür-Eckverbinder *Residential door corner connector*	Montageschlüssel *Insertion device*	Enkappe zu 4784 *End cap*	Endkappe für 784 *End cap*
Zeichnung *Drawing*				
Values				

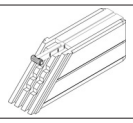
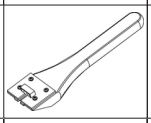
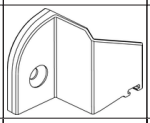
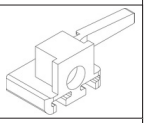
Zubehör *Ancillaries*	4784	784	D5784	D6784
Bezeichnung *Name*	Haustürwetter-schenkel *Res. door weather bar*	Wetterschenkel *Weather bar*	Dichtung für 4784 *Seal*	Dichtung für 4784 *Seal*
Zeichnung *Drawing*				
Values				

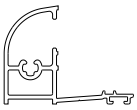
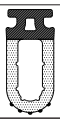
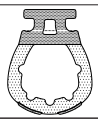
479.67 Tür-Flügel 126 mm / *Door sash*



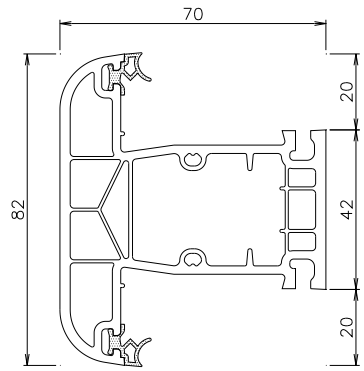
479.67 mit 2 Dichtungen
with black or light grey gasket

Zubehör *Ancillaries*	S604025	S604000L	S604000R	KB70
Bezeichnung *Name*	Verstärkung 2,5 mm *Reinforcement*	Verstärkung 2,5 mm *Reinforcement*	Verstärkung 2,5 mm *Reinforcement*	Klotzbrücke *Rebate insert*
Zeichnung *Drawing*				
Values	I_x = 12,1 cm⁴ I_y = 22,8 cm⁴	I_x = 12,1 cm⁴	I_x = 12,1 cm⁴	

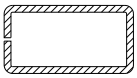
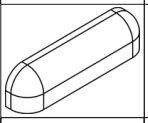
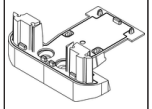
Zubehör *Ancillaries*	398	MS185	K4784	K784
Bezeichnung *Name*	Haustür-Eckverbinder *Residential door corner connector*	Montageschlüssel *Insertion device*	Enkappe zu 4784 *End cap*	Endkappe für 784 *End cap*
Zeichnung *Drawing*				
Values				

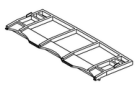
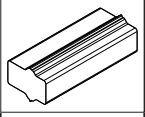
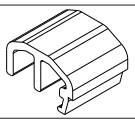
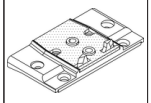
Zubehör *Ancillaries*	4784	784	D5784	D6784
Bezeichnung *Name*	Haustürwetter-schenkel *Res. door weather bar*	Wetterschenkel *Weather bar*	Dichtung für 4784 *Seal*	Dichtung für 4784 *Seal*
Zeichnung *Drawing*				
Values				

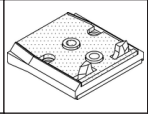
480.77 Pfosten 82 mm / *Mullion / transom*



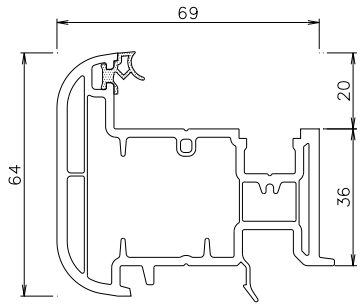
480.77 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	604	195	DK480	ESPPF2
Bezeichnung *Name*	Verstärkung 2 mm *Reinforcement*	Schlitzkappe *Water slot cap*	Dichtkissen/ Schwellenverbinder *Sealing pad/conector for threshold*	Einschubprofil *View slide*
Zeichnung *Drawing*				
Values	I_x = 3,6 cm⁴ I_y = 1,3 cm⁴			

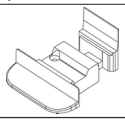
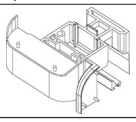
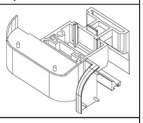
Zubehör *Ancillaries*	KB70	V380S	199	V380
Bezeichnung *Name*	Klotzbrücke *Rebate insert*	Einschubprofil *View slide*	Auflaufbock *Sliding support*	Pfostenverbinder *Transom connector*
Zeichnung *Drawing*				
Values				

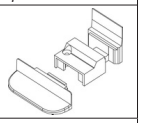
Zubehör *Ancillaries*	V380A
Bezeichnung *Name*	Pfostenverbinder *Transom connector*
Zeichnung *Drawing*	
Values	

485.06 Stulp 64 mm / *Floating mullion*



485.06 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

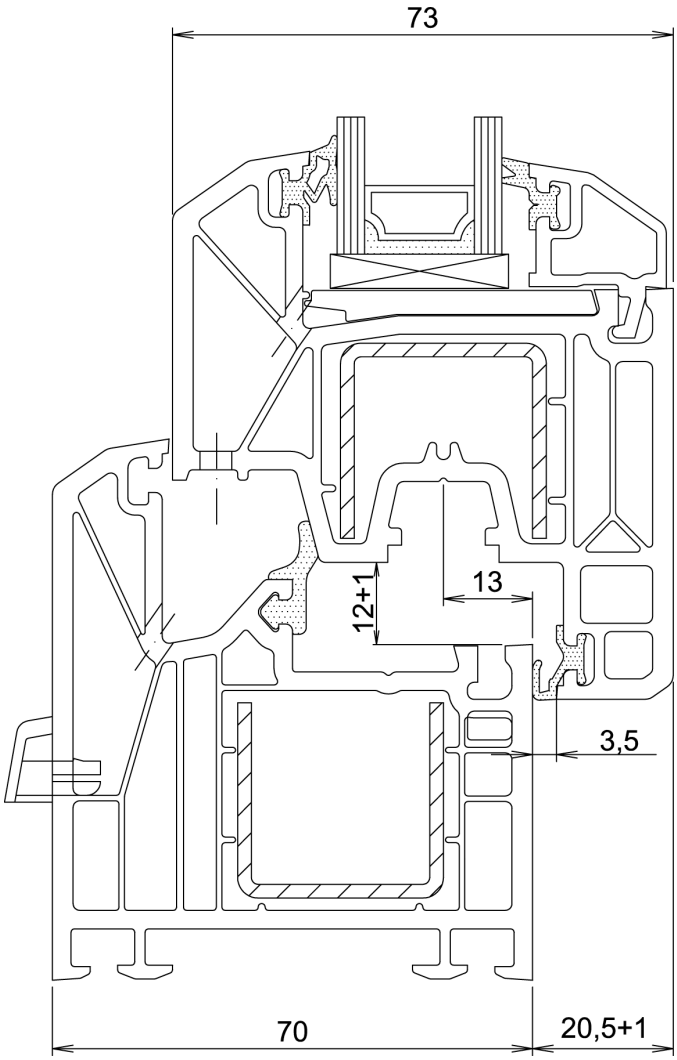
Zubehör *Ancillaries*	**604**	**K485**	**K4851L**	**K4851R**
Bezeichnung	Verstärkung 2 mm	Stulpabdeckung	Stulpabdeckung	Stulpabdeckung
Name	*Reinforcement*	*Floating mullion end cap*	*Floating mullion end cap*	*Floating mullion end cap*
Zeichnung *Drawing*				
Values	I_x = 3,6 cm^4 I_y = 1,3 cm^4			

Zubehör *Ancillaries*	**K4852**
Bezeichnung	Stulpabdeckkappe
Name	*Floating mullion end cap*
Zeichnung *Drawing*	
Values	

System_70md

Mitteldichtungssystem
Central seal system

Systemmerkmale
System features



Technische Daten - Prüfwerte Fenster ***Technical data - test values Windows***	
Wärmedurchgangskoeffizient *Heat transfer coefficient*	**bis U_f = 1,1 W/(m²K)**
Widerstandsfähigkeit gegen Windlast *Resistance to wind load*	**bis Klasse C 5/ B5**
Schlagregendichtheit - Ungeschützt (A) *Tightness against driving rain - unprotected (A)*	**bis E 1050**
Luftdurchlässigkeit *Air permeability*	**bis Klasse 4**
Schallschutz *Sound insulation*	**bis 45 dB**
Einbruchhemmung *Burglar-resistant*	**bis RC 2 (WK 2)**

System Highlights

- Integriertes KBE-Grundlüftungssystem® für kontrollierten Luftaustausch.
- Verbesserter Wärmeschutz durch eine Bautiefe von 70 mm.
- Kammer-Mitteldichtungstechnik.
- Modernes Design mit abgeschrägten Kanten.
- Optische Abrundung durch überlappende Übergänge bei Kopplungen.
- Wirtschaftlichkeit durch minimierte Lagerhaltung.
- Kompatibilität zu den bestehenden KBE-Systemen bei Stahl, Glasleisten und weitgehend bei Anschlussprofilen.
- Gleicher Beschlag wie bei System_70mm (Anschlagdichtung) & SELECT.
- Zusätzlicher Wärme-, Schallschutz und Sicherheit durch tieferen Glasfalz, d.h. Aufnahme von dickerer Verglasung und Panelen möglich.
- Mehr Sicherheit durch 13 mm Achsmaß.
- Optimierter Isothermenverlauf.
- Verbreiterungen mit integrierter Dichtung für fachgerechte Montage und optimierten Wärmeschutz.
- Pfosten mit größerer Stahlkammer für bessere Statik.
- Stulpprofil mit Klipsfunktion für optimierte Verarbeitung.
- Optimierte Montage d.h. beim Ersatz von Holzfenstern neuerer Generationen mit größerer Bautiefe.

System highlights

- *Integrated KBE basic ventilation system® for controlled supply of fresh air.*
- *70 mm installation depth for enhanced thermal insulation.*
- *5-chamber central seal technology.*
- *Modern design with chamfered edges.*
- *Overlapping transitions on couplings for visual integrity.*
- *Minimised storage for maximised economy.*
- *Compatibility with steel, glazing beads, and a great many extension profiles for existing KBE systems.*
- *Same hardware as for System_70 (double seal) & SELECT.*
- *Deeper glazing rebate, i.e. for receiving thicker glazing and panels, for additional safety and thermal and sound insulation.*
- *13 mm centre-to-centre distance for greater safety.*
- *Optimised isotherm paths.*
- *Extension profiles with integrated gasket for professional installations and optimised thermal insulation.*
- *Mullion with larger steel chamber for better static properties.*
- *Floating mullion profile with flip facility for optimised processing.*
- *Optimised installation, i.e. when wooden windows of more recent generations are replaced with greater installation depths.*

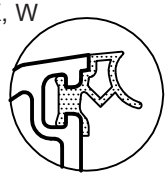
Dichtungssystem
Seals system

Verschweißbare Dichtungen *Weldable Seals*

TPE-Dichtungen / TPE-*Seals*

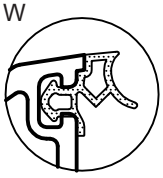
schweißbare Reparaturdichtungen
weldable repair gaskets

X, W



PCE
Verglasungsdichtung
rebate seal

X, W



DP 7

Z



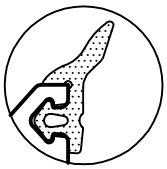
PCE
Anschlagdichtung
rebate seal

Z



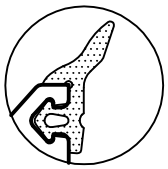
DP 6

Y

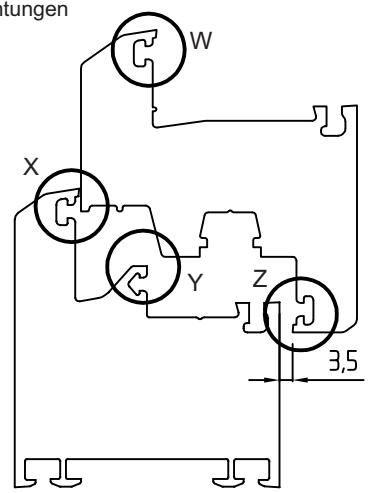


TPE
Mitteldichtung
werkseitig eingerollt
center seal
with preinstalled

Y



9230



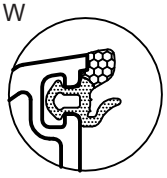
PCE = Verschweißbare Dichtungen die bei Profilausführungen in **lichtgrauer oder schwarzer Dichtung** bereits im Profil integriert sind.

*PCE = weldable gaskets that are already integrated in the profile designs **light grey gasket** or **black gasket.***

EPDM Dichtungen / *EPDM Seals*

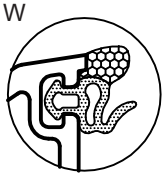
(schwarz, lichtgrau RAL 7035 oder grau RAL 7038
(black, light grey RAL 7035 or grey RAL 7038)

X, W



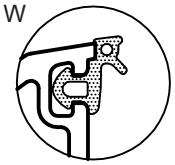
256

X, W



257

W



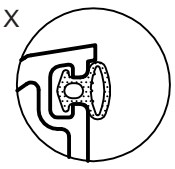
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W



255

X



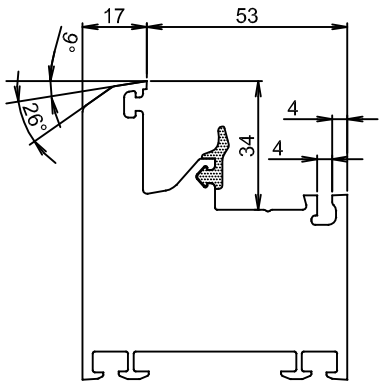
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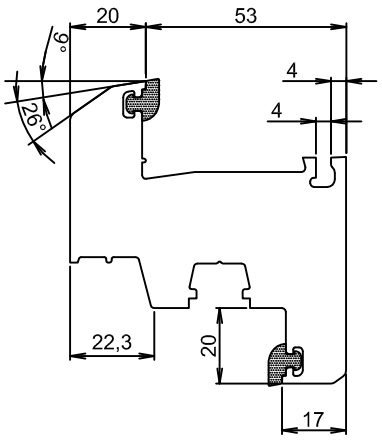
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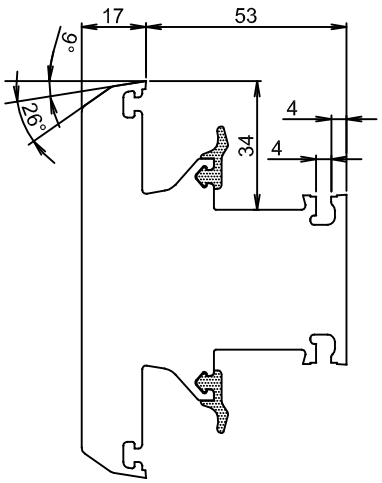


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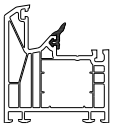
Systemmaße für Bearbeitungsmaschinen
System dimensions for processing machines



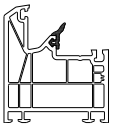




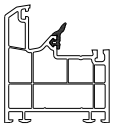
Rahmenprofile
Frame profiles



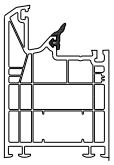
9370
Blendrahmen 79 mm
Outer frame
Seite/*Page* **77**



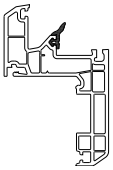
9373
Lüftungsblendrahmen 79 mm
Outer ventilation frame
Seite/*Page* **78**



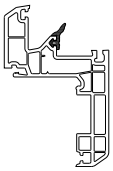
9393
Lüftungsblendrahmen 79 mm
Outer ventilation frame
Seite/*Page* **79**



9371
Blendrahmen 102 mm
Outer frame
Seite/*Page* **80**

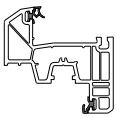


9330
Umbaublendrahmen 108 mm
Modifying outer frame
Seite/*Page* **81**

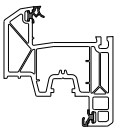


9331
Umbaublendrahmen 108 mm
Modifying outer frame
Seite/*Page* **81**

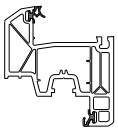
Flügelprofile
Sash profiles



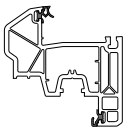
9377.67
Flügel 71 mm
Sash
Seite/*Page* **82**



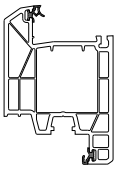
9395.67
Flügel 80 mm
Sash
Seite/*Page* **82**



9375.67
Flügel 80 mm
Sash
Seite/*Page* **83**

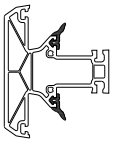


9376.67
Stilflügel 80 mm
Feature sash
Seite/*Page* **84**

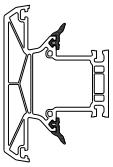


9374.67
Flügel 106 mm
Sash
Seite/*Page* **85**

Pfosten/Kämpfer und Flügelsprossen
mullion / transom and sash rails



9381
Pfosten 89 mm
Mullion
Seite/*Page* **86**

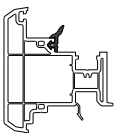


9380
Pfosten 105 mm
Mullion
Seite/*Page* **86**

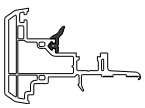
Stulpprofile
floating mullion profiles



7796
Stulp Innenanschlag 48mm
Floating mullion internal stop
Seite/*Page* **87**



9385
Stulp 84 mm
Floating mullion
Seite/*Page* **87**

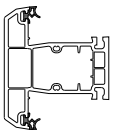


9386
Stulp 64 mm
Floating mullion
Seite/*Page* **87**

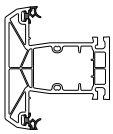


9387
Stulp 48 mm
Floating mullion
Seite/*Page* **88**

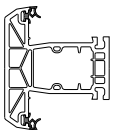
Flügelsprosse
sash rail



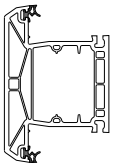
392.77
Pfosten 82 mm
Mullion/transom
Seite/*Page* **88**



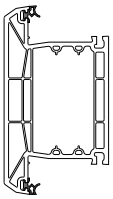
3380.77
Pfosten 82 mm
Mullion/transom
Seite/*Page* **88**



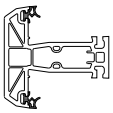
380.77
Pfosten 82 mm
Mullion/transom
Seite/*Page* **89**



382.77
Pfosten 105 mm
Mullion/transom
Seite/*Page* **89**

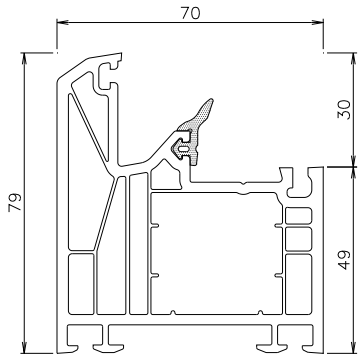


381.77
Pfosten 126 mm
Mullion/transom
Seite/*Page* **90**

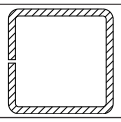
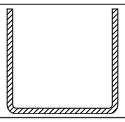
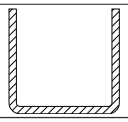
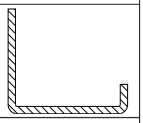


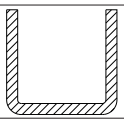
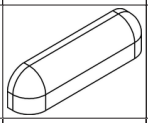
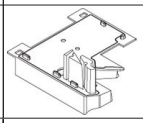
SP 368.77
Flügelsprosse 68 mm
Sash rail
Seite/*Page* **90**

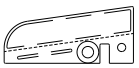
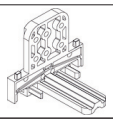
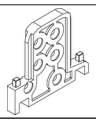
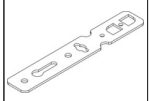
9370 Blendrahmen 79 mm / *Outer frame*

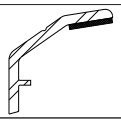
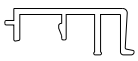
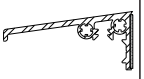
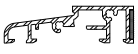


9370 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	634	S3701	S3702	S3702A
Bezeichnung *Name*	Verstärkung 2,0 mm *Reinforcement*	Verstärkung 1,5 mm *Reinforcement*	Verstärkung 2 mm *Reinforcement*	Verstärkung 2 mm *Reinforcement*
Zeichnung *Drawing*				
Values	I_x = 2,8 cm⁴ I_y = 2,8 cm⁴	I_x = 1,9 cm⁴ I_y = 1,1 cm⁴	I_x = 2,5 cm⁴ I_y = 1,4 cm⁴	I_x = 1,7 cm⁴ I_y = 1,0 cm⁴

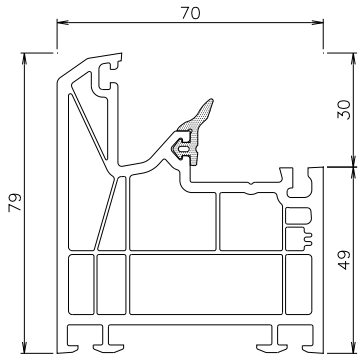
Zubehör *Ancillaries*	S3703	195	DK9370	ESPBR1
Bezeichnung *Name*	Verstärkung 3 mm *Reinforcement*	Schlitzkappe *Water slot cap*	Dichtkissen/ Schwellenverbinder *Sealing pad/conector for threshold*	Einschubprofil *View slide*
Zeichnung *Drawing*				
Values	I_x = 3,4 cm⁴ I_y = 1,9 cm⁴			

Zubehör *Ancillaries*	K184N	SH70	SH70P	7220
Bezeichnung *Name*	Endkappe für 184 *End cap*	Schwellenhalter *Connector*	Schwellenhalter *Connector*	Montageanker *Wall anchor*
Zeichnung *Drawing*				
Values				

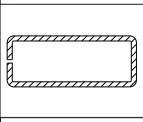
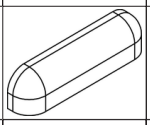
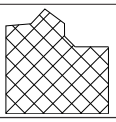
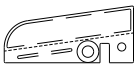
Zubehör *Ancillaries*	7182	KBF 70	184	7788
Bezeichnung *Name*	Trittschutz *Door tread bar*	Klotzbrücke 70md *Rebate insert*	Trittschwelle *Door tread threshold*	Tür-Schwelle *Door threshold*
Zeichnung *Drawing*				
Values				

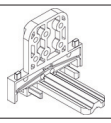
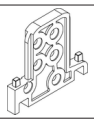
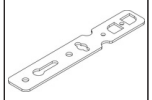
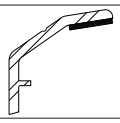
Zubehör *Ancillaries*	7787	7789
Bezeichnung *Name*	Tür-Schwelle *Door threshold*	Tür-Schwelle *Door threshold*
Zeichnung *Drawing*		
Values		

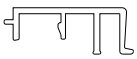
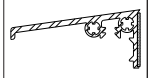
9373 Lüftungsblendrahmen 79 mm / *Outer ventilation frame*



9373 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

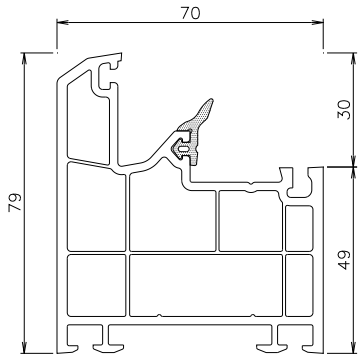
Zubehör *Ancillaries*	**602**	**195**	**DK9373**	**K184N**
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Schlitzkappe *Water slot cap*	Dichtkissen *Sealing pad*	Endkappe für 184 *End cap*
Zeichnung *Drawing*				
Values	I_x = 1,8 cm^4 I_y = 0,3 cm^4			

Zubehör *Ancillaries*	**SH70**	**SH70P**	**7220**	**7182**
Bezeichnung *Name*	Schwellenhalter *Connector*	Schwellenhalter *Connector*	Montageanker *Wall anchor*	Trittschutz *Door tread bar*
Zeichnung *Drawing*				
Values				

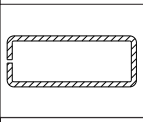
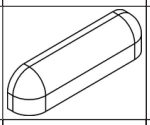
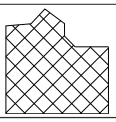
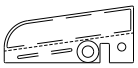
Zubehör *Ancillaries*	**KBF 70**	**184**	**7788**	**7787**
Bezeichnung *Name*	Klotzbrücke 70md *Rebate insert*	Trittschwelle *Door tread threshold*	Tür-Schwelle *Door threshold*	Tür-Schwelle *Door threshold*
Zeichnung *Drawing*				
Values				

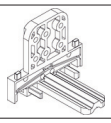
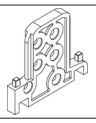
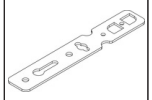
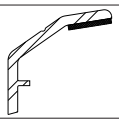
Zubehör *Ancillaries*	**7789**
Bezeichnung *Name*	Tür-Schwelle *Door threshold*
Zeichnung *Drawing*	
Values	

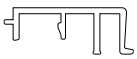
9393 Lüftungsblendrahmen 79 mm / *Outer ventilation frame*



9393 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

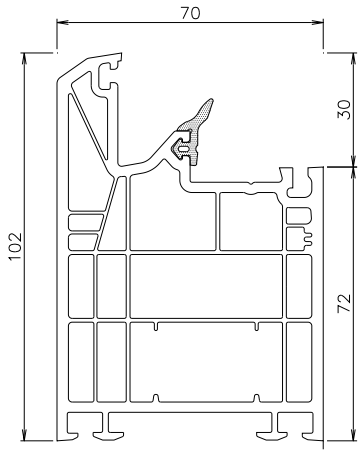
Zubehör *Ancillaries*	602	195	DK9373	K184N
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Schlitzkappe *Water slot cap*	Dichtkissen *Sealing pad*	Endkappe für 184 *End cap*
Zeichnung *Drawing*				
Values	I_x = 1,8 cm^4 I_y = 0,3 cm^4			

Zubehör *Ancillaries*	SH70	SH70P	7220	7182
Bezeichnung *Name*	Schwellenhalter *Connector*	Schwellenhalter *Connector*	Montageanker *Wall anchor*	Trittschutz *Door tread bar*
Zeichnung *Drawing*				
Values				

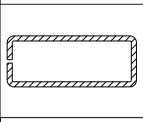
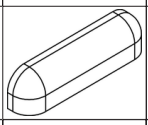
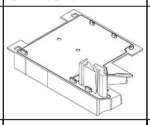
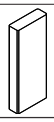
Zubehör *Ancillaries*	KBF 70	184	7788	7787
Bezeichnung *Name*	Klotzbrücke 70md *Rebate insert*	Trittschwelle *Door tread threshold*	Tür-Schwelle *Door threshold*	Tür-Schwelle *Door threshold*
Zeichnung *Drawing*				
Values				

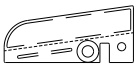
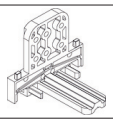
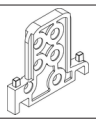
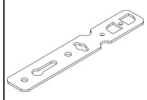
Zubehör *Ancillaries*	7789
Bezeichnung *Name*	Tür-Schwelle *Door threshold*
Zeichnung *Drawing*	
Values	

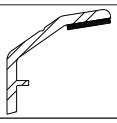
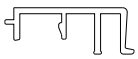
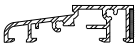
9371 Blendrahmen 102 mm / *Outer frame*



9371 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

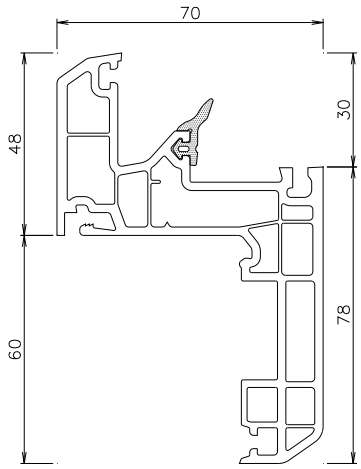
Zubehör *Ancillaries*	**602**	**195**	**DK9371**	**ESPBR5**
Bezeichnung	Verstärkung 1,5 mm	Schlitzkappe	Dichtkissen/ Schwellenverbinder	Einschubprofil
Name	*Reinforcement*	*Water slot cap*	*Sealing pad/conector for threshold*	*View slide*
Zeichnung *Drawing*				
Values	I_x = 1,8 cm^4 I_y = 0,3 cm^4			

Zubehör *Ancillaries*	**K184N**	**SH70**	**SH70P**	**7220**
Bezeichnung	Endkappe für 184	Schwellenhalter	Schwellenhalter	Montageanker
Name	*End cap*	*Connector*	*Connector*	*Wall anchor*
Zeichnung *Drawing*				
Values				

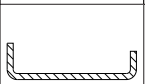
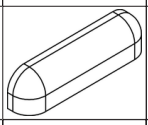
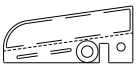
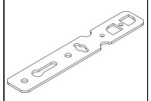
Zubehör *Ancillaries*	**7182**	**KBF 70**	**184**	**7788**
Bezeichnung	Trittschutz	Klotzbrücke 70md	Trittschwelle	Tür-Schwelle
Name	*Door tread bar*	*Rebate insert*	*Door tread threshold*	*Door threshold*
Zeichnung *Drawing*				
Values				

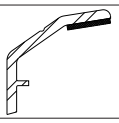
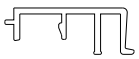
Zubehör *Ancillaries*	**7787**	**7789**
Bezeichnung	Tür-Schwelle	Tür-Schwelle
Name	*Door threshold*	*Door threshold*
Zeichnung *Drawing*		
Values		

9330 Umbaublendrahmen 108 mm / *Modifying outer frame*

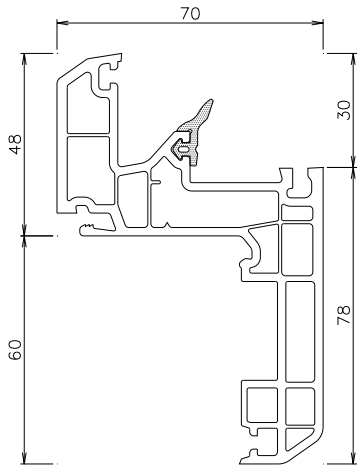


9330 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

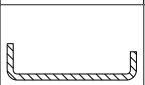
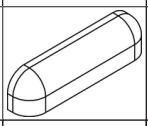
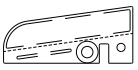
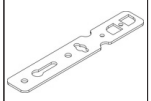
Zubehör *Ancillaries*	639	195	K184N	7220
Bezeichnung	Verstärkung 1,5 mm	Schlitzkappe	Endkappe für 184	Montageanker
Name	*Reinforcement*	*Water slot cap*	*End cap*	*Wall anchor*
Zeichnung *Drawing*				
Values	I_x = 0,8 cm^4			

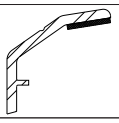
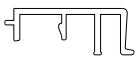
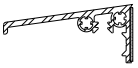
Zubehör *Ancillaries*	7182	KBF 70	184
Bezeichnung	Trittschutz	Klotzbrücke 70md	Trittschwelle
Name	*Door tread bar*	*Rebate insert*	*Door tread threshold*
Zeichnung *Drawing*			
Values			

9331 Umbaublendrahmen 108 mm / *Modifying outer frame*

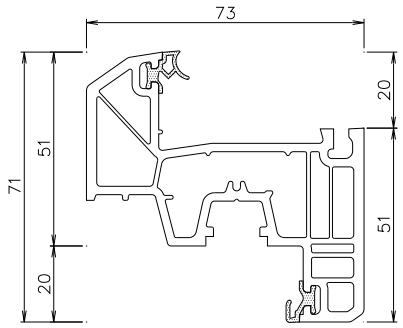


9331 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

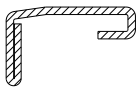
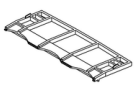
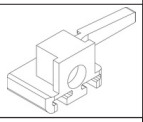
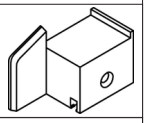
Zubehör *Ancillaries*	639	195	K184N	7220
Bezeichnung	Verstärkung 1,5 mm	Schlitzkappe	Endkappe für 184	Montageanker
Name	*Reinforcement*	*Water slot cap*	*End cap*	*Wall anchor*
Zeichnung *Drawing*				
Values	I_x = 0,8 cm^4			

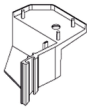
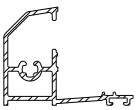
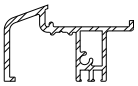
Zubehör *Ancillaries*	7182	KBF 70	184
Bezeichnung	Trittschutz	Klotzbrücke 70md	Trittschwelle
Name	*Door tread bar*	*Rebate insert*	*Door tread threshold*
Zeichnung *Drawing*			
Values			

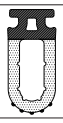
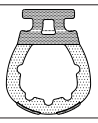
9377.67 Flügel 71 mm / *Sash*



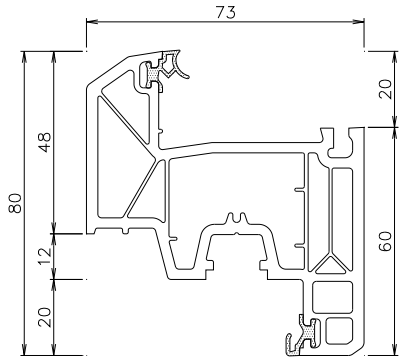
9377.67 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	S3772	KB70	K784	K785
Bezeichnung *Name*	Verstärkung 2 mm *Reinforcement*	Klotzbrücke *Rebate insert*	Endkappe für 784 *End cap*	Endkappe für 7785 *End cap*
Zeichnung *Drawing*				
Values	I_x = 2,4 cm⁴ I_y = 0,6 cm⁴			

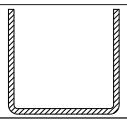
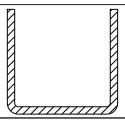
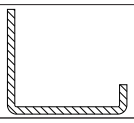
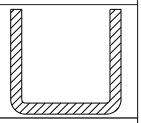
Zubehör *Ancillaries*	K9784	5784	784	7785
Bezeichnung *Name*	Endkappe für 5784 *End cap*	Wetterschenkel *Weather bar*	Wetterschenkel *Weather bar*	Haustürsockel *Residential door base*
Zeichnung *Drawing*				
Values				

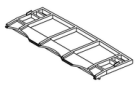
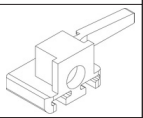
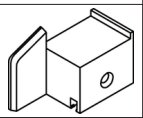
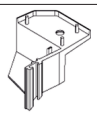
Zubehör *Ancillaries*	D5784	D6784
Bezeichnung *Name*	Dichtung für 5784 *Seal*	Dichtung für 5784 *Seal*
Zeichnung *Drawing*		
Values		

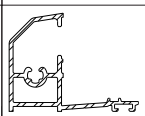
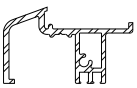
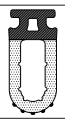
9395.67 Flügel 80 mm / *Sash*

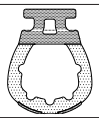


9395.67 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

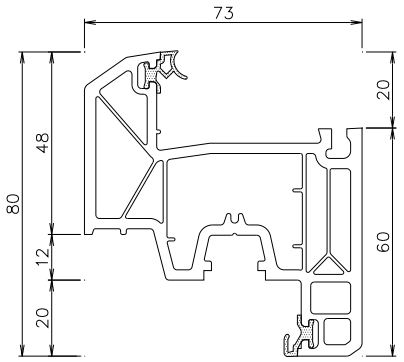
Zubehör *Ancillaries*	S3701	S3702	S3702A	S3703
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement, 1.5 mm*	Verstärkung 2 mm *Reinforcement, 2.0 mm*	Verstärkung 2 mm *Reinforcement, 2.0 mm*	Verstärkung 3 mm *Reinforcement, 3.0 mm*
Zeichnung *Drawing*				
Values	I_x = 1,9 cm⁴ I_y = 1,1 cm⁴	I_x = 2,5 cm⁴ I_y = 1,4 cm⁴	I_x = 1,7 cm⁴ I_y = 1,0 cm⁴	I_x = 3,4 cm⁴ I_y = 1,9 cm⁴

Zubehör *Ancillaries*	KB70	K784	K785	K9784
Bezeichnung *Name*	Klotzbrücke *Rebate insert*	Endkappe für 784 *End cap*	Endkappe für 7785 *End cap*	Endkappe für 5784 *End cap*
Zeichnung *Drawing*				
Values				

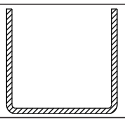
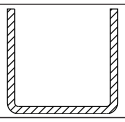
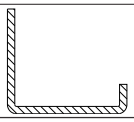
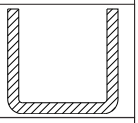
Zubehör *Ancillaries*	5784	784	7785	D5784
Bezeichnung *Name*	Wetterschenkel *Weather bar*	Wetterschenkel *Weather bar*	Haustürsockel *Residential door base*	Dichtung für 5784 *Seal*
Zeichnung *Drawing*				
Values				

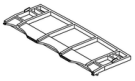
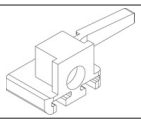
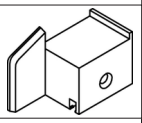
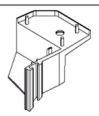
Zubehör *Ancillaries*	D6784
Bezeichnung *Name*	Dichtung für 5784 *Seal*
Zeichnung *Drawing*	
Values	

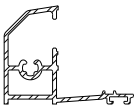
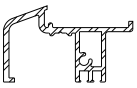
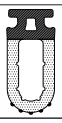
9375.67 Flügel 80 mm / *Sash*

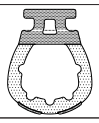


9375.67 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

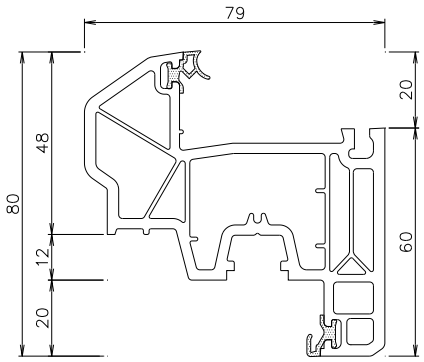
Zubehör *Ancillaries*	**S3701**	**S3702**	**S3702A**	**S3703**
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Verstärkung 2 mm *Reinforcement*	Verstärkung 2 mm *Reinforcement*	Verstärkung 3 mm *Reinforcement*
Zeichnung *Drawing*				
Values	I_x = 1,9 cm⁴ I_y = 1,1 cm⁴	I_x = 2,5 cm⁴ I_y = 1,4 cm⁴	I_x = 1,7 cm⁴ I_y = 1,0 cm⁴	I_x = 3,4 cm⁴ I_y = 1,9 cm⁴

Zubehör *Ancillaries*	**KB70**	**K784**	**K785**	**K9784**
Bezeichnung *Name*	Klotzbrücke *Rebate insert*	Endkappe für 784 *End cap*	Endkappe für 7785 *End cap*	Endkappe für 5784 *End cap*
Zeichnung *Drawing*				
Values				

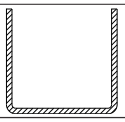
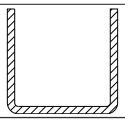
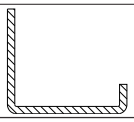
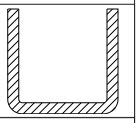
Zubehör *Ancillaries*	**5784**	**784**	**7785**	**D5784**
Bezeichnung *Name*	Wetterschenkel *Weather bar*	Wetterschenkel *Weather bar*	Haustürsockel *Residential door base*	Dichtung für 5784 *Seal*
Zeichnung *Drawing*				
Values				

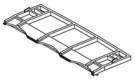
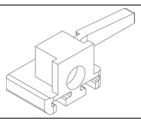
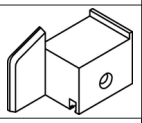
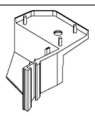
Zubehör *Ancillaries*	**D6784**
Bezeichnung *Name*	Dichtung für 5784 *Seal*
Zeichnung *Drawing*	
Values	

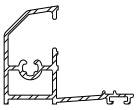
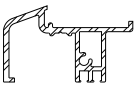
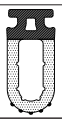
9376.67 Stilflügel 80 mm / *Feature sash*

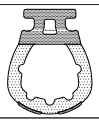


9376.67 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

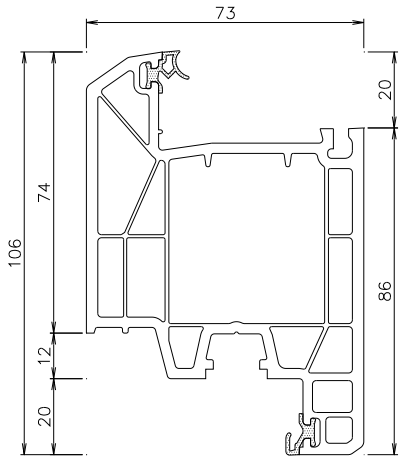
Zubehör *Ancillaries*	S3701	S3702	S3702A	S3703
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Verstärkung 2 mm *Reinforcement*	Verstärkung 2 mm *Reinforcement*	Verstärkung 3 mm *Reinforcement*
Zeichnung *Drawing*				
Values	I_x = 1,9 cm⁴ I_y = 1,1 cm⁴	I_x = 2,5 cm⁴ I_y = 1,4 cm⁴	I_x = 1,7 cm⁴ I_y = 1,0 cm⁴	I_x = 3,4 cm⁴ I_y = 1,9 cm⁴

Zubehör *Ancillaries*	KB70	K784	K785	K9784
Bezeichnung *Name*	Klotzbrücke *Rebate insert*	Endkappe für 784 *End cap*	Endkappe für 7785 *End cap*	Endkappe für 5784 *End cap*
Zeichnung *Drawing*				
Values				

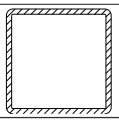
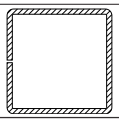
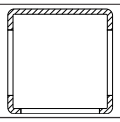
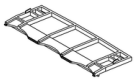
Zubehör *Ancillaries*	5784	784	7785	D5784
Bezeichnung *Name*	Wetterschenkel *Weather bar*	Wetterschenkel *Weather bar*	Haustürsockel *Residential door base*	Dichtung für 5784 *Seal*
Zeichnung *Drawing*				
Values				

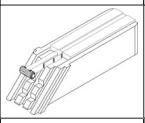
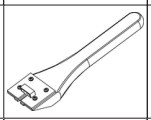
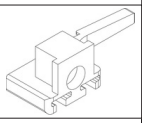
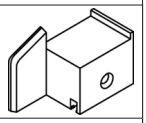
Zubehör *Ancillaries*	D6784
Bezeichnung *Name*	Dichtung für 5784 *Seal*
Zeichnung *Drawing*	
Values	

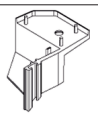
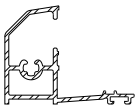
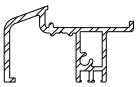
9374.67 Flügel 106 mm / *Sash*

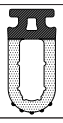
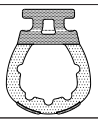


9374.67 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

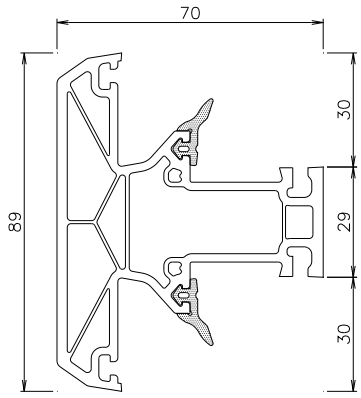
Zubehör *Ancillaries*	645	655	S404000	KB70
Bezeichnung *Name*	Verstärkung *Reinforcement*	Verstärkung 2 mm *Reinforcement*	Verstärkung 2 mm *Reinforcement*	Klotzbrücke *Rebate insert*
Zeichnung *Drawing*				
Values	I_x = 7,1 cm⁴ I_y = 7,1 cm⁴	I_x = 7,1 cm⁴ I_y = 7,1 cm⁴	I_x = 7,1 cm⁴ I_y = 7,1 cm⁴	

Zubehör *Ancillaries*	498	MS185	K784	K785
Bezeichnung *Name*	Haustür-Eckverbinder *Residential door corner connector*	Montageschlüssel *Insertion device*	Endkappe für 784 *End cap*	Endkappe für 7785 *End cap*
Zeichnung *Drawing*				
Values				

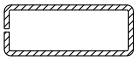
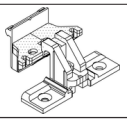
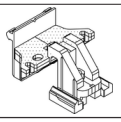
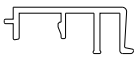
Zubehör *Ancillaries*	K9784	5784	784	7785
Bezeichnung *Name*	Endkappe für 5784 *End cap*	Wetterschenkel *Weather bar*	Wetterschenkel *Weather bar*	Haustürsockel *Residential door base*
Zeichnung *Drawing*				
Values				

Zubehör *Ancillaries*	D5784	D6784
Bezeichnung *Name*	Dichtung für 5784 *Seal*	Dichtung für 5784 *Seal*
Zeichnung *Drawing*		
Values		

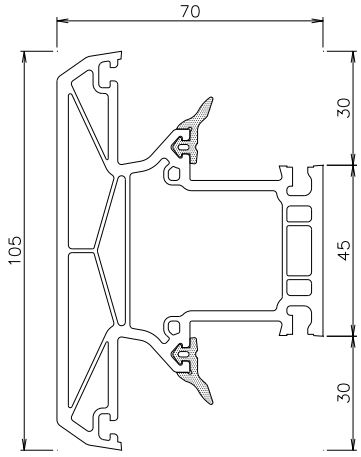
9381 Pfosten 89 mm / *Mullion*



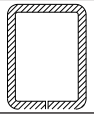
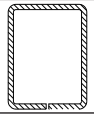
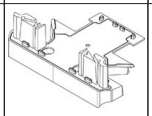
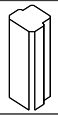
9381 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

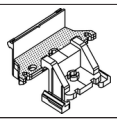
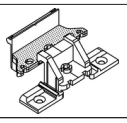
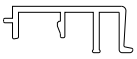
Zubehör *Ancillaries*	602	V9381	V9381A	KBF 70
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Pfostenverbinder *Transom connector*	Pfostenverbinder *Transom connector*	Klotzbrücke 70md *Rebate insert*
Zeichnung *Drawing*				
Values	I_x = 1,8 cm^4 I_y = 0,3 cm^4			

9380 Pfosten 105 mm / *Mullion*

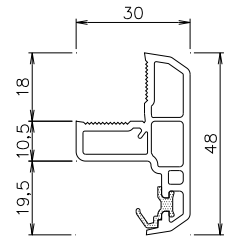


9380 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

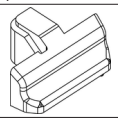
Zubehör *Ancillaries*	219	S304020	DK9380	ESPMV1
Bezeichnung *Name*	Verstärkung 3,0 mm *Reinforcement*	Verstärkung 2,0 mm *Reinforcement*	Dichtkissen/ Schwellenverbinder *Sealing pad/conector for threshold*	Einschubprofil *View slide*
Zeichnung *Drawing*				
Values	I_x = 4,8 cm^4 I_y = 7,5 cm^4	I_x = 3,6 cm^4 I_y = 5,6 cm^4		

Zubehör *Ancillaries*	V9380A	V9380	KBF 70
Bezeichnung *Name*	Pfostenverbinder *Transom connector*	Pfostenverbinder *Transom connector*	Klotzbrücke 70md *Rebate insert*
Zeichnung *Drawing*			
Values			

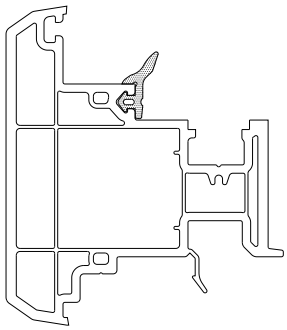
7796 Stulp Innenanschlag 48mm / *Floating mullion internal stop*



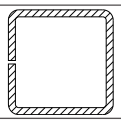
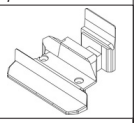
7796 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	**K7796**
Bezeichnung	Stulpabdeckung
Name	*Floating mullion end cap*
Zeichnung *Drawing*	
Values	

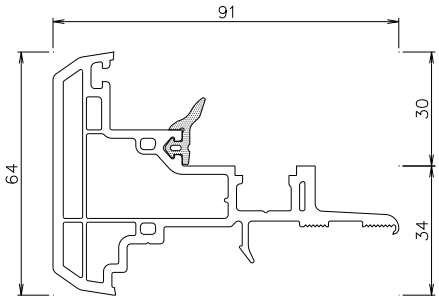
9385 Stulp 84 mm / *Floating mullion*



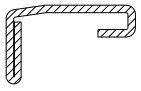
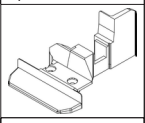
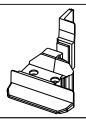
9385 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	**634**	**K9385**
Bezeichnung	Verstärkung 2,0 mm	Stulpenkappe
Name	*Reinforcement*	*Floating mullion end cap*
Zeichnung *Drawing*		
Values	I_x = 2,8 cm^4 I_y = 2,8 cm^4	

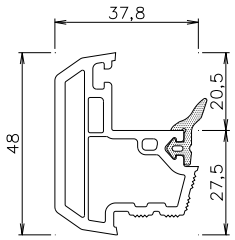
9386 Stulp 64 mm / *Floating mullion*



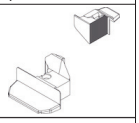
9386 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	**S3772**	**K9386**	**K93862**
Bezeichnung	Verstärkung 2 mm	Stulpendkappe	Stulpabdeckung
Name	*Reinforcement*	*Floating mullion end cap*	*Floating mullion end cap*
Zeichnung *Drawing*			
Values	I_x = 2,4 cm^4 I_y = 0,6 cm^4		

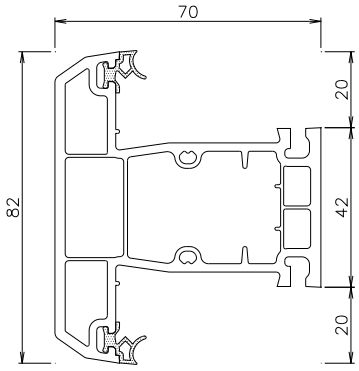
9387 Stulp 48 mm / *Floating mullion*



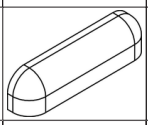
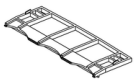
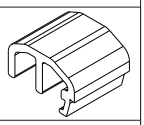
9387 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

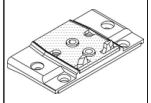
Zubehör *Ancillaries*	**K9387**
Bezeichnung	Stulpabdeckung
Name	*Floating mullion end cap*
Zeichnung *Drawing*	
Values	

392.77 Pfosten 82 mm / *Mullion/transom*

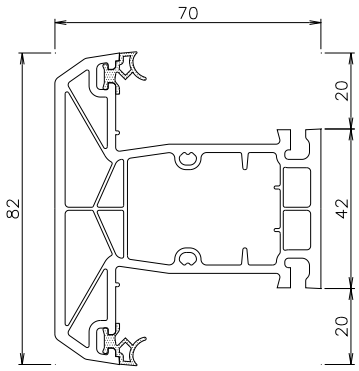


392.77 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

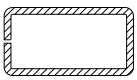
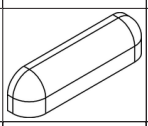
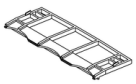
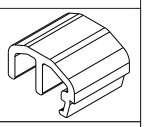
Zubehör *Ancillaries*	**604**	**195**	**KB70**	**199**
Bezeichnung	Verstärkung 2 mm	Schlitzkappe	Klotzbrücke	Auflaufbock
Name	*Reinforcement*	*Water slot cap*	*Rebate insert*	*Sliding support*
Zeichnung *Drawing*				
Values	I_x = 3,6 cm^4 I_y = 1,3 cm^4			

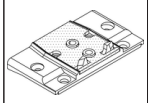
Zubehör *Ancillaries*	**V380**
Bezeichnung	Pfostenverbinder
Name	*Transom connector*
Zeichnung *Drawing*	
Values	

3380.77 Pfosten 82 mm / *Mullion/transom*

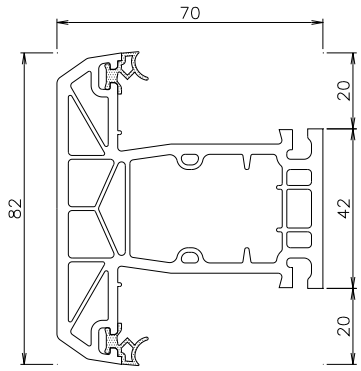


3380.77 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

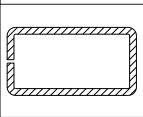
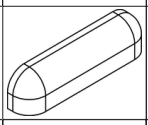
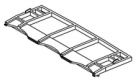
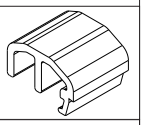
Zubehör *Ancillaries*	**604**	**195**	**KB70**	**199**
Bezeichnung	Verstärkung 2 mm	Schlitzkappe	Klotzbrücke	Auflaufbock
Name	*Reinforcement*	*Water slot cap*	*Rebate insert*	*Sliding support*
Zeichnung *Drawing*				
Values	I_x = 3,6 cm^4 I_y = 1,3 cm^4			

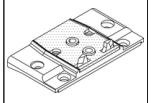
Zubehör *Ancillaries*	**V380**
Bezeichnung	Pfostenverbinder
Name	*Transom connector*
Zeichnung *Drawing*	
Values	

380.77 Pfosten 82 mm / *Mullion/transom*

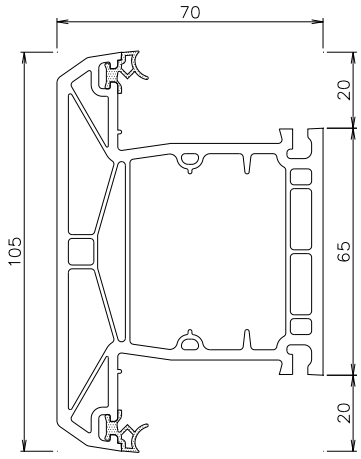


380.77 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

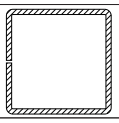
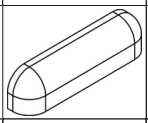
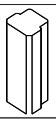
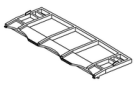
Zubehör *Ancillaries*	604	195	KB70	199
Bezeichnung *Name*	Verstärkung 2 mm *Reinforcement*	Schlitzkappe *Water slot cap*	Klotzbrücke *Rebate insert*	Auflaufbock *Sliding support*
Zeichnung *Drawing*				
Values	I_x = 3,6 cm^4 I_y = 1,3 cm^4			

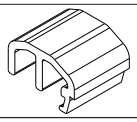
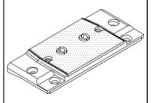
Zubehör *Ancillaries*	V380
Bezeichnung *Name*	Pfostenverbinder *Transom connector*
Zeichnung *Drawing*	
Values	

382.77 Pfosten 105 mm / *Mullion/transom*

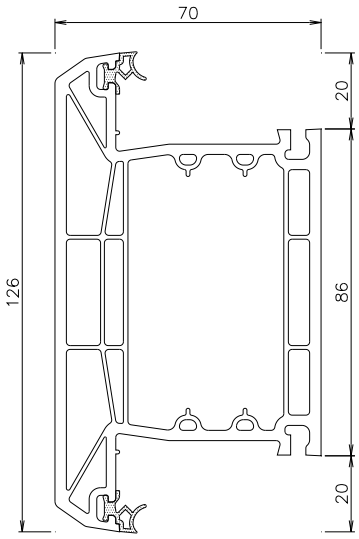


382.77 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

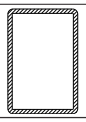
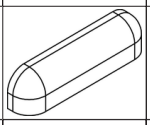
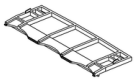
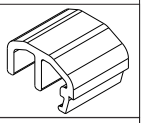
Zubehör *Ancillaries*	655	195	ESPMV1	KB70
Bezeichnung *Name*	Verstärkung 2 mm *Reinforcement*	Schlitzkappe *Water slot cap*	Einschubprofil *View slide*	Klotzbrücke *Rebate insert*
Zeichnung *Drawing*				
Values	I_x = 7,1 cm^4 I_y = 7,1 cm^4			

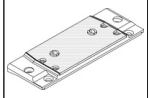
Zubehör *Ancillaries*	199	V382
Bezeichnung *Name*	Auflaufbock *Sliding support*	Pfostenverbinder *Transom connector*
Zeichnung *Drawing*		
Values		

381.77 Pfosten 126 mm / *Mullion/transom*

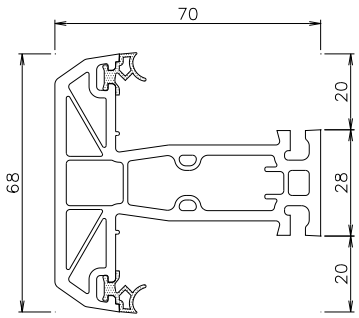


381.77 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

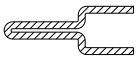
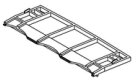
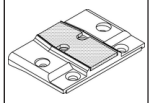
Zubehör *Ancillaries*	S604025	195	KB70	199
Bezeichnung *Name*	Verstärkung 2,5 mm *Reinforcement*	Schlitzkappe *Water slot cap*	Klotzbrücke *Rebate insert*	Auflaufbock *Sliding support*
Zeichnung *Drawing*				
Values	I_x = 12,1 cm⁴ I_y = 22,8 cm⁴			

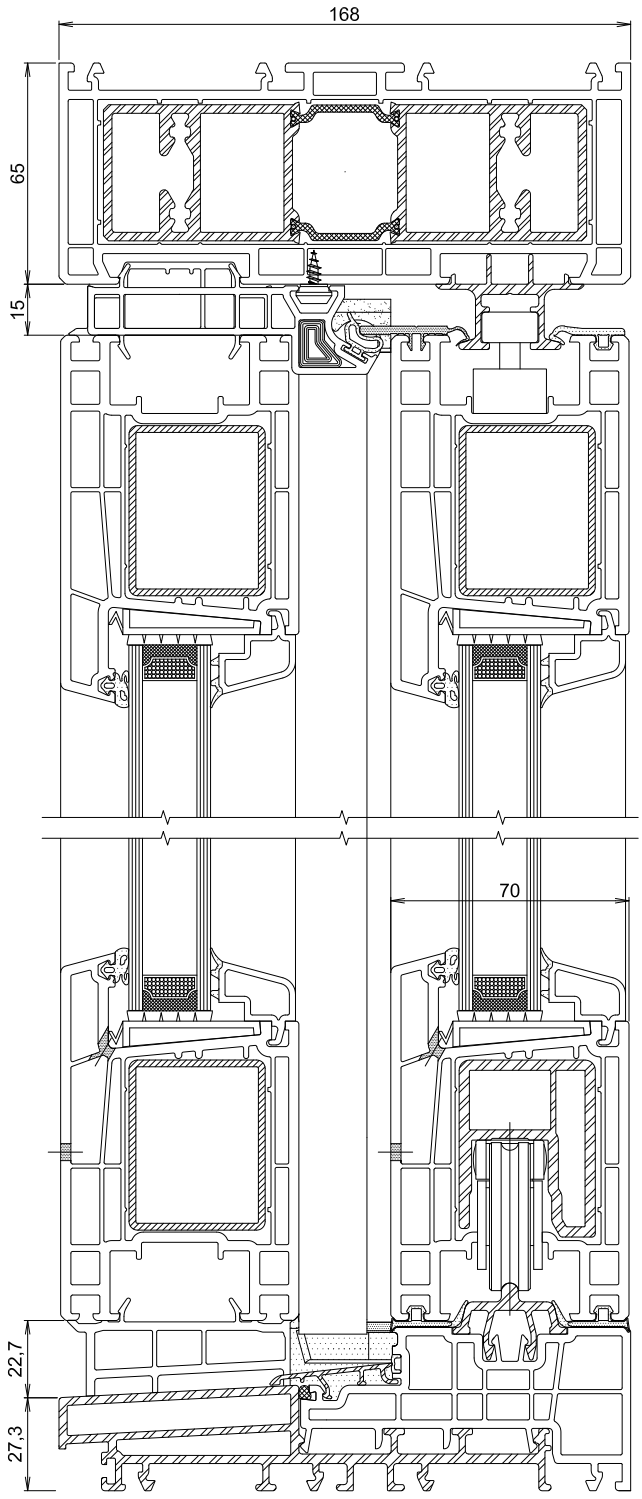
Zubehör *Ancillaries*	V381
Bezeichnung *Name*	Pfostenverbinder *Transom connector*
Zeichnung *Drawing*	
Values	

SP 368.77 Flügelsprosse 68 mm / *Sash rail*



SP 368.77 mit schwarzer bzw. lichtgrauer Dichtung
with black or light grey gasket

Zubehör *Ancillaries*	S3682	KB70	VSP368
Bezeichnung *Name*	Verstärkung 2 mm *Reinforcement*	Klotzbrücke *Rebate insert*	Flügelsprossen-verbinder *Georgian bars connector*
Zeichnung *Drawing*			
Values	I_x = 1,8 cm⁴ I_y = 0,3 cm⁴		



Technische Daten - Prüfwerte Fenster
Technical data - test values Windows

Wärmedurchgangskoeffizient *Heat transfer coefficient*	**bis U_f = 1,9 W/(m²K)**
Widerstandsfähigkeit gegen Windlast *Resistance to wind load*	**bis Klasse C2 / B3**
Schlagregendichtheit - Ungeschützt (A) *Tightness against driving rain - unprotected (A)*	**bis 9A**
Luftdurchlässigkeit *Air permeability*	**bis Klasse 4**
Schallschutz *Sound insulation*	**bis 39 dB**
Einbruchhemmung *Burglar-resistant*	**bis RC2 (WK2)**

System Highlights

- Hochdämmender Profilquerschnitt mit 70 mm Bautiefe.
- Großdimensionierte Stahlarmierungen mit hoher Statik und passgenauen Einsatz der Beschlagteile.
- Umlaufende EPDM - Verglasungsdichtung.
- Hochtechnisierte Zwei-Komponenten-Dichtung bestens geeignet für Dauerbeanspruchung an beweglichen Teilen.
- Spezielle Dichtteile für effiziente Abdichtung.
- Einsatz unterschiedlicher Glasdicken bis zu 39 mm.
- Zurückversetzte Glasleiste mit verkürzter anextrudierter Dichtlippe für schönere Optik und leichtere Reinigung.
- Stützknocken positionieren die Stahlarmierung und halten sie auf Abstand um Wärmeübertragung zu erschweren.
- Verdeckt liegende Verschraubung der Zarge in vorgeformte Aufnahmen.
- Optimal thermisch getrennte Schwelle.
- Thermisch getrennte Zargenverstärkung.
- Durch Einsatz einer Laufschienenvariante ist barrierefreies Bauen möglich.
- Bautechnisch perfekt vorbereiteter Anschluss.
- Minergie tauglich (U_f = 1,7 W/(m²K) mit entsprechenden Teilen.

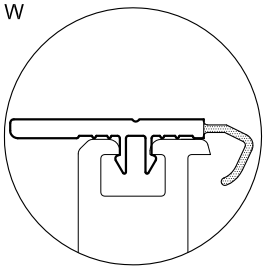
System highlights

- *High-insulation profile cross section with 70 mm installation depth.*
- *Large-scale steel reinforcements with high static properties and precision-fitted hardware.*
- *Peripheral EPDM glazing gasket.*
- *Hightech two-component gasket ideal for permanently loaded moving parts.*
- *Special elements for effective sealing.*
- *Range of glass thicknesses up to 39 mm.*
- *Backset glazing bead with shortened coextruded sealing lip for greater visual appeal and easier cleaning.*
- *Support cams act as a barrier against heat transfer by positioning and securing the steel reinforcement at a distance.*
- *Concealed casement screw union in preformed receivers.*
- *Threshold with optimal thermal break.*
- *Thermal break casement reinforcement.*
- *This track variant facilitates barrier-free designs.*
- *Designed as the perfect building connector.*
- *Corresponds to Minergie standards (Uf = 1,7 W/(m²K) with adequate parts.*

Dichtungssystem
Seals system

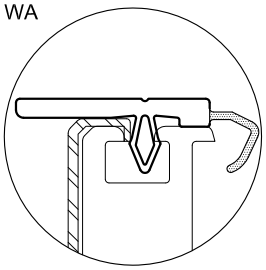
Funktionsdichtungen /
Function gaskets

W



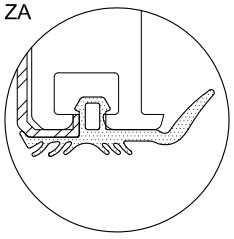
9877.3

WA



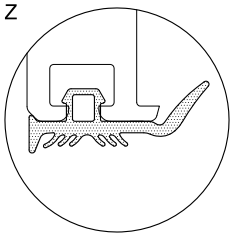
9B77.2

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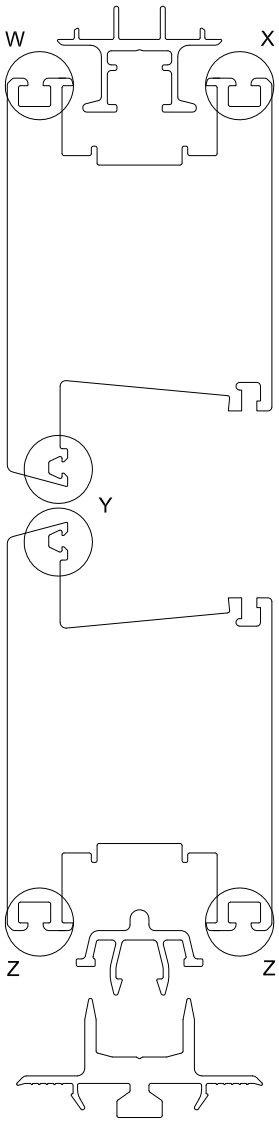


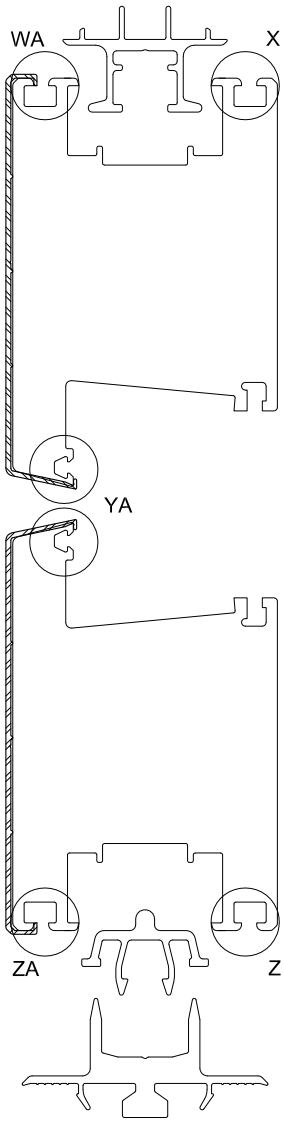
9B75.1

Z



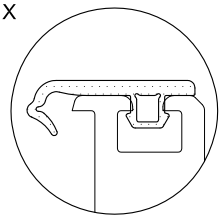
9875.3





Funktionsdichtung /
Function gasket

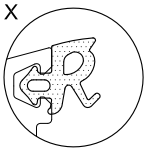
X



9876

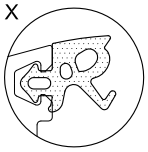
EPDM Dichtungen
EPDM Seals
Verglasungsdichtungen / *Glazing Seals*

X



9045.1

X



9044.1

EPDM Dichtungen für Alu-Schalen
EPDM Seals for Alu-cladding
Verglasungsdichtungen / *Glazing Seals*

YA



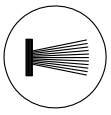
9E46

YA



9047

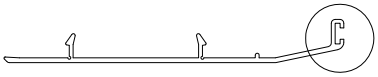
Bürsten-/Q-Lon Dichtung /
Brush gasket/Q-Lon gasket
Einsatz in den Alu-Vorsatzschalen /
for use with attached aluminium cladding

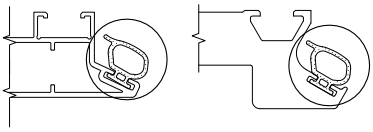


9091



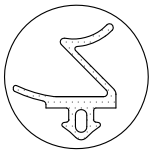
9067







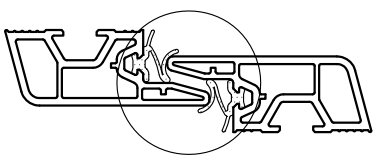
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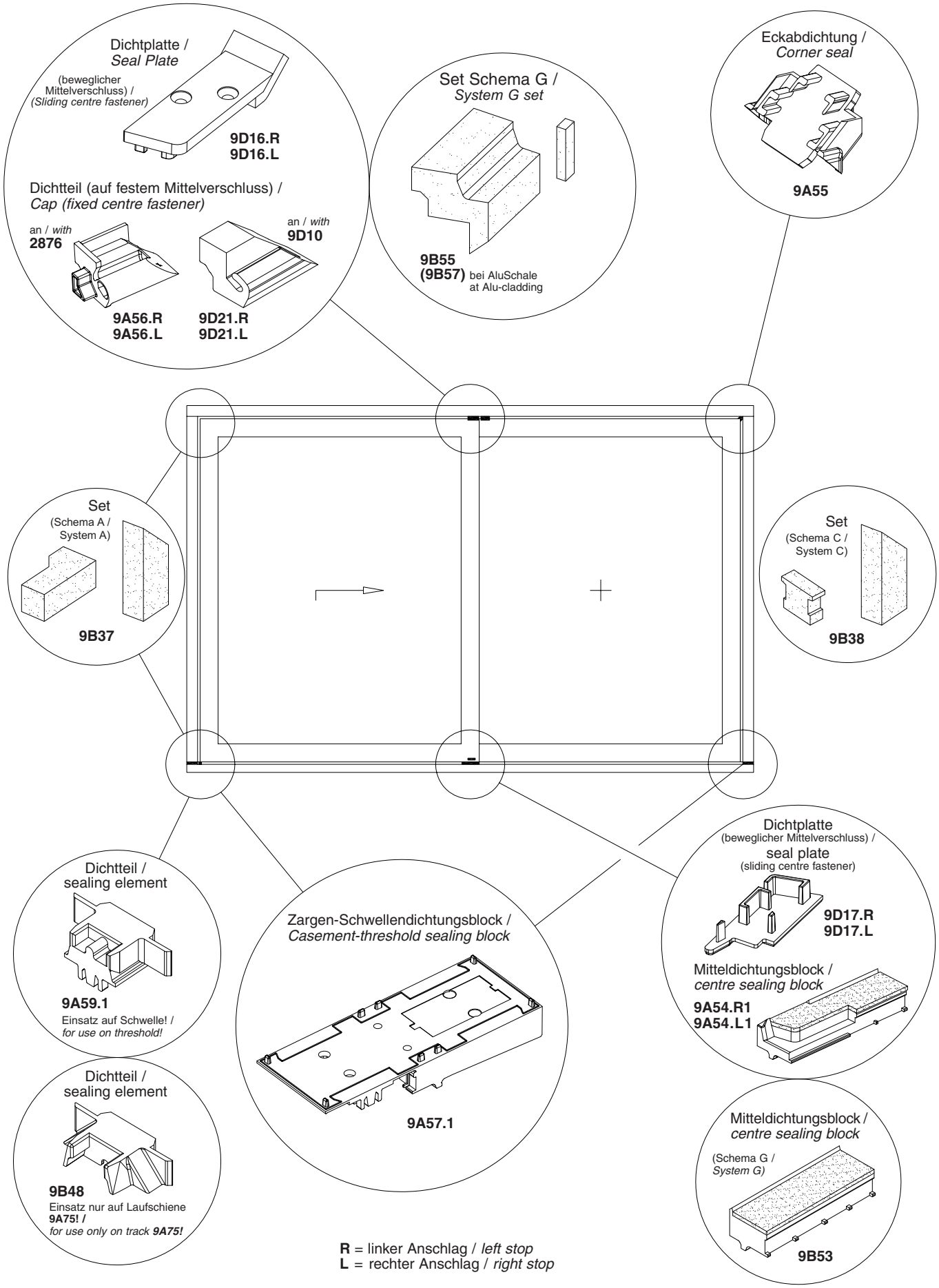
9D13



PCE

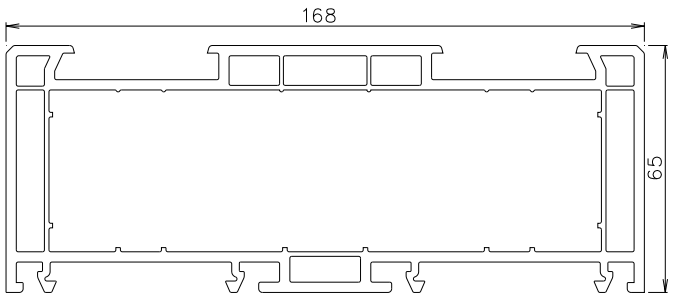


Dichtungsteile
Sealing blocks



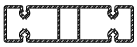
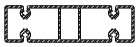
R = linker Anschlag / *left stop*
L = rechter Anschlag / *right stop*

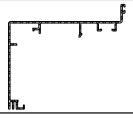
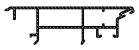
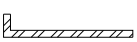
2870 Rahmenzarge / *frame*

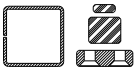
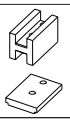


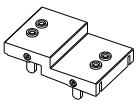
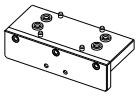
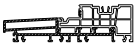
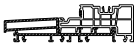
2870 weiß, creme oder foliert, 6 m
white , cream or foiled

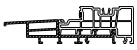
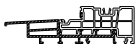
2870.S weiß, creme oder foliert, 4,5 m
white, cream or foiled, 4,5 m

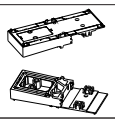
Zubehör *Ancillaries*	9A70	9A70.S	9D29	9B11
Bezeichnung *Name*	Zargenverstärkung 6 m *casement reinforcement*	Zargenverstärkung 4,5 m *casement reinforcement*	Zargenverstärkung *casement reinforcement*	Alublende *9B11 111 B alu. panel f. 2870 F81-57*
Zeichnung *Drawing*				
Values				

Zubehör *Ancillaries*	9B30	9D10	9D32	9A76
Bezeichnung *Name*	Alublende *alu cladding*	Alublende für 2870 *alu cladding*	Aluminiumleiste *alu strip*	Schwellen-abdeckung *threshold cover*
Zeichnung *Drawing*				
Values				

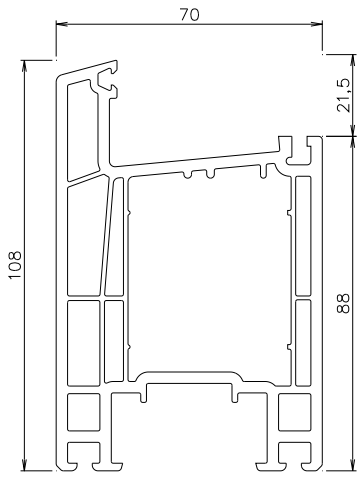
Zubehör *Ancillaries*	9A77	9A96	9B42	9A95.1
Bezeichnung *Name*	Anschlußprofil außen *onnection profile outside*	Eckverbindungs-schraube *corner connection screw*	Schwellenverbinder-Set *threshold connector set*	Distanzteile-Set *spacer set*
Zeichnung *Drawing*				
Values				

Zubehör *Ancillaries*	9975.2	9978. 2	9A79. 1	9A79.S1
Bezeichnung *Name*	Bohrlehre für Grundschwelle *drilling jig threshold*	Bohrlehre für Rahmenzarge *drilling jig casement frame*	Grundschwelle 6 m *basic threshold*	Grundschwelle 4,5 m *basic threshold*
Zeichnung *Drawing*				
Values				

Zubehör *Ancillaries*	9B22. 1	9B22.S1	9B24.1	9B24.S1
Bezeichnung *Name*	Grundschwelle 6 m *basic threshold*	Grundschwelle 4,5 m *basic threshold*	Grundschwelle 6 m *basic threshold*	Grundschwelle 4,5 m *basic threshold*
Zeichnung *Drawing*				
Values				

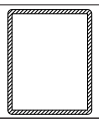
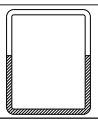
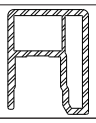
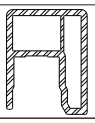
Zubehör *Ancillaries*	9A57.2
Bezeichnung *Name*	Zargendichtteil *sealing element*
Zeichnung *Drawing*	
Values	

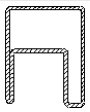
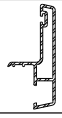
2420 Schiebeflügel 108 mm / *sliding sash*

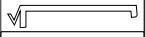
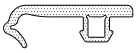


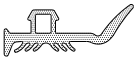
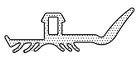
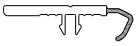
2420. R weiß, creme oder foliert, 6 m
white, cream or foiled, 6 m

2420.S R weiß, 4,5 m
white, 4.5 m

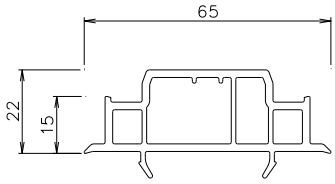
Zubehör *Ancillaries*	9119	V111. 1	9A20	9A20.S
Bezeichnung *Name*	Verstärkung *Reinforcement*	Verstärkung gestanzt *reinforcement*	Flügelverstärkung 6 m *sash reinforcement*	Flügelverstärkung 5 m *sash reinforcement*
Zeichnung *Drawing*				
Values	I_x = 12,3 cm^4 I_y = 8,7 cm^4			

Zubehör *Ancillaries*	V148	9B05.1	9B09	9B08.1
Bezeichnung *Name*	Verstärkung *Reinforcement*	Stulpprofil *alu cover profile*	Alublende *alu cladding*	Alublende für 2420 *alu cladding*
Zeichnung *Drawing*				
Values				

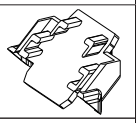
Zubehör *Ancillaries*	9D11	9326	9876	9B77.2
Bezeichnung *Name*	Alublende für 2420 *alu cladding*	Glasfalzeinlage *glazing rebate insert*	Flügeldichtung oben *upper sash seal*	Flügeldichtung ob bei Aluschalen *upper sash seal for alu cladding*
Zeichnung *Drawing*				
Values				

Zubehör *Ancillaries*	9875.3	9B75.1	9877.3
Bezeichnung *Name*	Flügeldichtung unten *lower sash seal*	Flügeldichtung unten bei Alublende *lower sash seal for alu cladding*	Dichtleiste oben *upper sealing strip*
Zeichnung *Drawing*			
Values			

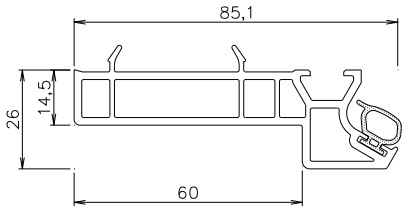
2874 Flügel-Zargenanschluss / *sash extension*



2874 weiß, creme oder foliert
white, cream or foiled

Zubehör *Ancillaries*	**9A55**
Bezeichnung	Eckabdichtung
Name	*corner sealing element*
Zeichnung *Drawing*	
Values	

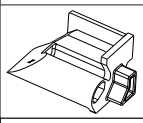
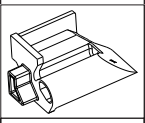
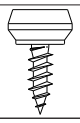
2876 Deckprofil / *cover profile*



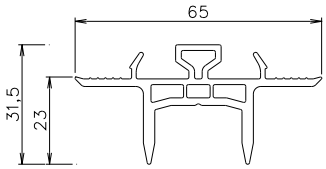
2876 weiß, creme oder foliert
white, cream or foiled

2876.D weiß mit schwarzer Dichtung
white with black gasket

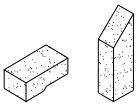
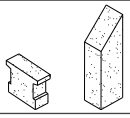
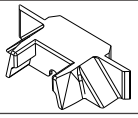
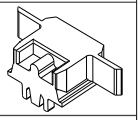
2876.L weiß mit lichtgrauer Dichtung
white with lightgrey gasket

Zubehör *Ancillaries*	**9A56.R**	**9A56.L**	**9B04**
Bezeichnung	rechte Abdeckkappe	linke Abdeckkappe	Clipsschraube
Name	*right endcap*	*left endcap*	*clipping screw*
Zeichnung *Drawing*			
Values			

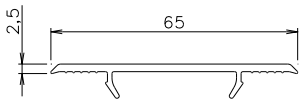
2877 Einlaufprofil / *guide*



2877 weiß, creme oder foliert
white, cream or foiled

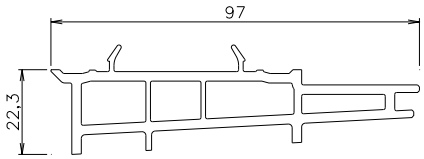
Zubehör *Ancillaries*	**9B37.1**	**9B38.1**	**9B48**	**9A59.1**
Bezeichnung	Dichtteil für Schema A,D,K,E,F	Dichtteil für Schema C,F,L	Dichtteil für Laufschiene 9B75	Dichtteil für Laufschiene
Name	*sealing element for System A,D,K,E,F*	*sealing element for System C,F,L*	*sealing element*	*sealing element for guide rail*
Zeichnung *Drawing*				
Values				

2871 Deckleiste / *cover profile*



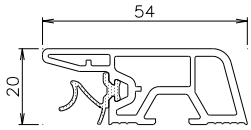
2871 weiß, creme oder foliert
white, cream or foiled

2873 Flügelaufbauprofil / *sash base profile*



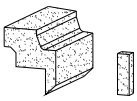
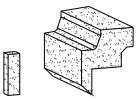
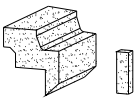
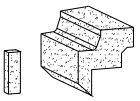
2873 lichtgrau
lightgrey

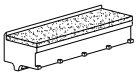
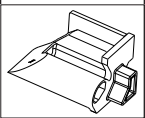
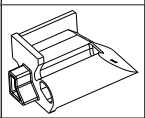
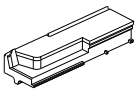
2875 Mittelverschluss / *middle connector*

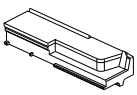
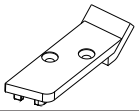
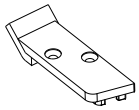
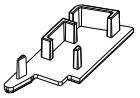


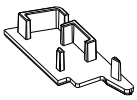
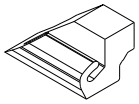
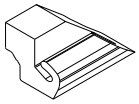
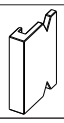
2875 weiß, creme oder foliert
white , cream or foiled

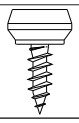
2875.D foliert mit schwarzer Dichtung
foiled with black gasket

Zubehör *Ancillaries*	9B57.R	9B57.L	9B55.R	9B55.L
Bezeichnung *Name*	Rechtes Dichtteil Schema G Aluschale *right sealing element system G (Alu)*	Linkes Dichtteil Schema G Aluschale *left sealing element system G (Alu)*	Rechtes Dichtteil Schema G *right sealing element system G*	Linkes Dichtteil Schema G *left sealing element system G*
Zeichnung *Drawing*				
Values				

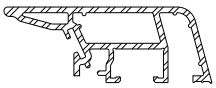
Zubehör *Ancillaries*	9B53	9A56.R	9A56.L	9A54.L1
Bezeichnung *Name*	Mitteldichtblock Schema G *sealing element system G*	rechte Abdeckkappe *right endcap*	linke Abdeckkappe *left endcap*	linker Mitteldichtblock *left middle sealing element*
Zeichnung *Drawing*				
Values				

Zubehör *Ancillaries*	9A54.R1	9D16.L	9D16.R	9D17.L
Bezeichnung *Name*	rechter Mitteldichtblock *right middle sealing element*	linke Dichtplatte *left sealing plate*	rechte Dichtplatte *right sealing plate*	linke Dichtplatte *left sealing plate*
Zeichnung *Drawing*				
Values				

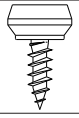
Zubehör *Ancillaries*	9D17.R	9D21.R	9D21.L	9A85
Bezeichnung *Name*	rechte Dichtplatte *right sealing plate*	rechtes Dichtteil *right sealing element*	linkes Dichtteil *left sealing element*	Anreisschablone für 2872 *marking stencil*
Zeichnung *Drawing*				
Values				

Zubehör *Ancillaries*	9B04
Bezeichnung *Name*	Clipsschraube *clipping screw*
Zeichnung *Drawing*	
Values	

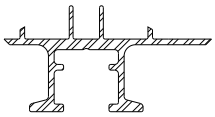
9B29 Alu-Mittelverschluss / *middle connector Alu*



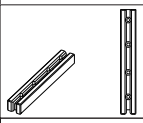
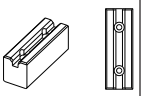
9B29 weiß oder eloxiert, 5 m
white or anoded

Zubehör *Ancillaries*	9B04
Bezeichnung *Name*	Clipsschraube *clipping screw*
Zeichnung *Drawing*	
Values	

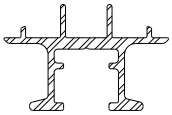
9D30 Führungsschiene / *guide rail*



9D30 eloxiert
anoded

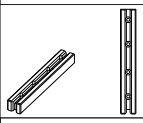
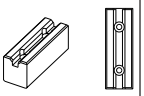
Zubehör *Ancillaries*	9B60	9B59	9B61
Bezeichnung *Name*	Flügelpositionierer *sash positioner*	Führungsgleiter *guide slider*	Flügelpositionierer klein *sash positioner small*
Zeichnung *Drawing*			
Values			

9A71 Führungsschiene / *guide rail*

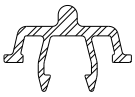


9A71 eloxiert , 6 m
anoded, 6 m

9A71.S eloxiert, 4,5 m
anoded, 4.5 m

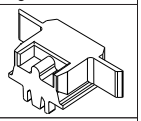
Zubehör *Ancillaries*	9B60	9B59	9B61
Bezeichnung *Name*	Flügelpositionierer *sash positioner*	Führungsgleiter *guide slider*	Flügelpositionierer klein *sash positioner small*
Zeichnung *Drawing*			
Values			

9A73 Laufschiene 13 mm / 6 m / *guide rail 13 mm*

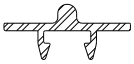


9A73 eloxiert
anoded

9A73.S eloxiert
anoded

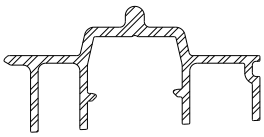
Zubehör *Ancillaries*	9A59.1
Bezeichnung *Name*	Dichtteil für Laufschiene *sealing element for guide rail*
Zeichnung *Drawing*	
Values	

9A74 Laufschiene 5 mm / *guide rail 5 mm*

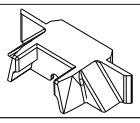
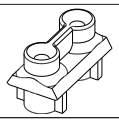
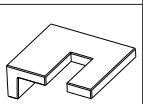
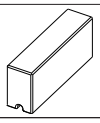


9A74 eloxiert
anoded

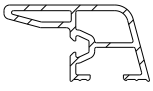
9A75 Laufschiene, außen / *guide rail, outside*



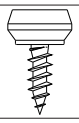
9A75 eloxiert
anoded

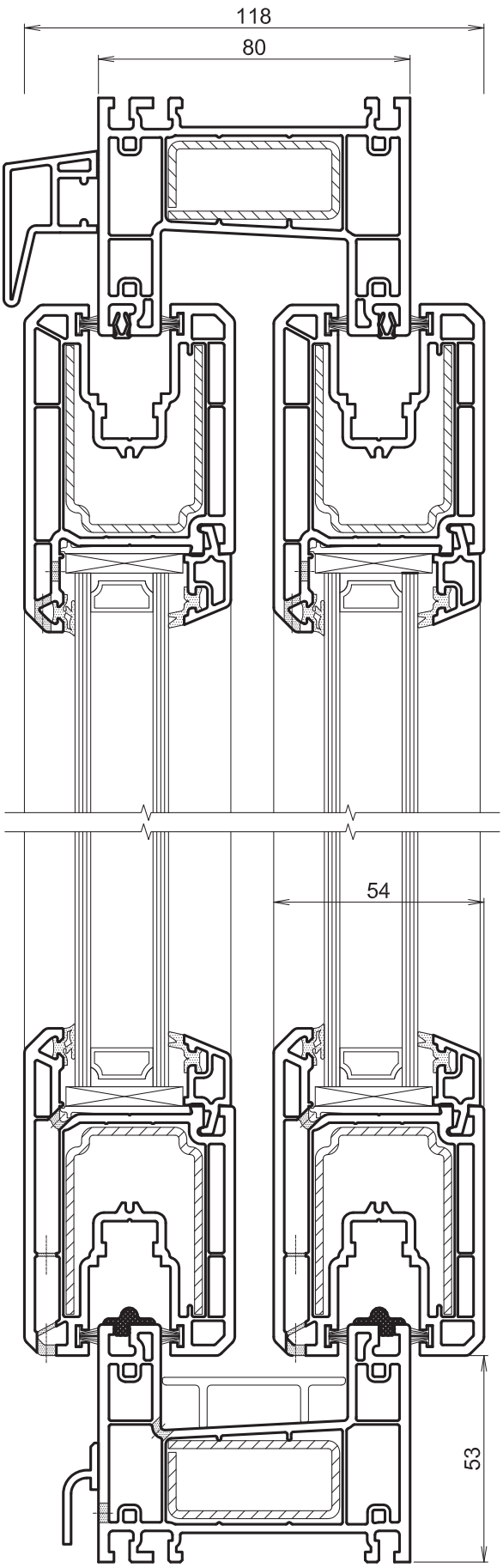
Zubehör *Ancillaries*	9B48	9A69	9A86. 1	9A84
Bezeichnung *Name*	Dichtteil für Laufschiene 9B75 *sealing element*	Haltestück *retainer*	Montagehilfe für Haltestück *tool for fixing retainer*	Einschlaghilfe für Laufschiene 9A75 *drive-in aid*
Zeichnung *Drawing*				
Values				

9D15 Alu-Mittelverschluss / *alu connector*



9D15 weiß, creme oder blank
white, cream or blanc

Zubehör *Ancillaries*	9B04
Bezeichnung *Name*	Clipsschraube *clipping screw*
Zeichnung *Drawing*	
Values	



System Highlights

- 3 Kammer Schiebefenster- und Schiebetürsystem mit 54 mm Bautiefe
- Großdimensionierte Stahlarmierungen mit hoher Statik.
- Ab Werk integrierte Bürstendichtungen sowie einextrudierte PCE-Verglasungsdichtung.
- Kompatibel mit allen 70 mm Standardsystemen und RolaPlus Aufsatzkasten
- Spezielle Dichtteile für effiziente Abdichtung.
- Einsatz unterschiedlicher Glasdicken von 4 bis 28 mm.
- Zurückversetzte Glasleiste mit verkürzter anextrudierter Dichtlippe für schönere Optik.
- Stütznocken positionieren die Stahlarmierung und halten sie auf Abstand. Die Wärmedämmung wird dadurch optimiert.
- Verdecktliegende Verschraubung der Zarge in vorgeformte Aufnahmen.
- Der Blendrahmen Art.-Nr. 6052 kann verschweißt oder mechanisch verbunden werden.
- Bautechnisch perfekt vorbereiteter Anschluss. Bestehende Kopplungen, Verbreiterungen und andere Zubehörteile sind problemlos einsetzbar.
- Mit Adapter Art.-Nr. 6055 dritte Laufschiene realisierbar.

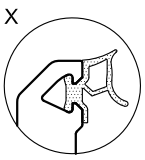
System highlights

- *Three chamber profile cross section with 54 mm building depth*
- *Large scale steel reinforcements with high static properties and precision fit in hardware*
- *Preinstalled brush pile and coextruded PCE glazing gasket*
- *Compatible with all 70 mm standard systems and RolaPlus add-on box*
- *Special sealing elements for efficient sealing*
- *For diverse glass thicknesses up to 28 mm*
- *Backset glazing bead with shortened coextruded gasket for enhanced visual appeal and easier cleaning*
- *Support lobes position the steel reinforcement and secure it at a distance as a measure to counteract heat transfer.*
- *Concealed casement screw unions in preformed receivers*
- *The outer frame art. no. 6052 can be welded or connected mechanically.*
- *Perfectly prepared building connection*
- *Existing couplings, extensions, and other ancillary parts can be used without problems.*
- *With adapter art. no.6055 third round rail feasible.*

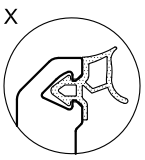
Dichtungssystem
Seals system

Verschweißbare Dichtungen
Weldable Seals

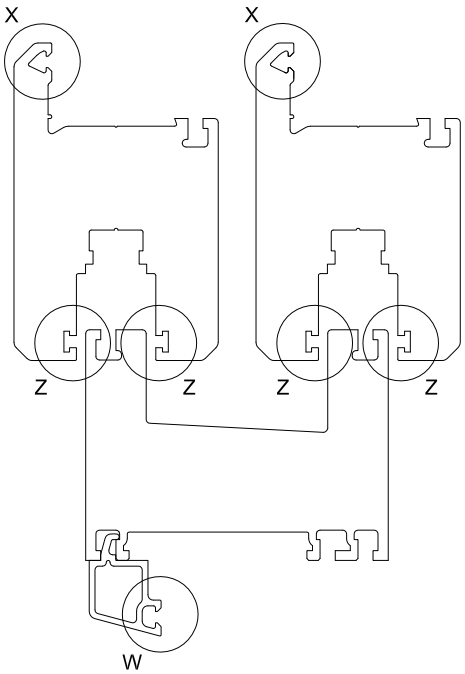
Verglasungsdichtungen /
Glazing gaskets



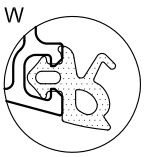
PCE



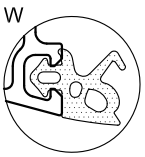
9B58.T
Reparaturdichtung /
Repair gasket



Glasleistendichtungen /
Glazing bead gaskets



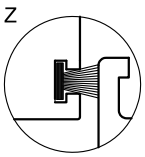
9045.1*



9044.1*

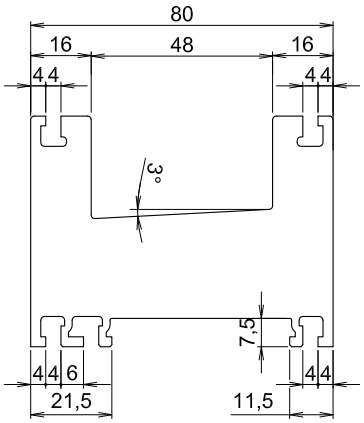
* Einsatz der Alu-Glasleisten außen /
use of aluminium glazing beads on the outside

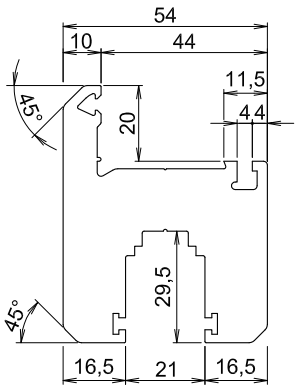
Bürstendichtung /
Brush gasket

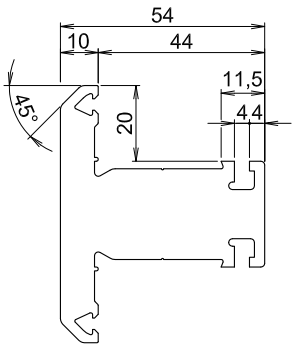


9090

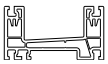
Systemmaße für Bearbeitungsmaschinen
System dimensions for processing machines



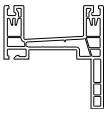




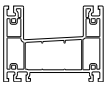
Rahmenprofile
Frame profiles



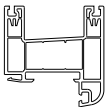
6050
Rahmenprofil 43 mm
Frame profile
Seite/*Page* **102**



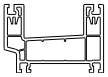
6051
Rahmenprofil 83 mm
Frame profile
Seite/*Page* **102**



6052
Rahmenprofil 61 mm
Frame profile
Seite/*Page* **103**



6053
Rahmenprofil 81mm
Frame profile
Seite/*Page* **103**



6054
Rahmenprofil 55 mm
Frame profile
Seite/*Page* **104**

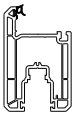


6055
Adapter
Adaptor profile
Seite/*Page* **104**

Flügelprofile
Sash profiles



6040
Fluegelprofil 68 mm
sash profile
Seite/*Page* **105**

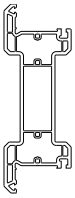


6041
Flügelprofil 84 mm
sash profile
Seite/*Page* **105**

Pfosten/Kämpfer und Flügelsprossen
mullion / transom and sash rails



6048
Flügelsprosse 68 mm
sash rail
Seite/*Page* **106**



6049
Midrail 152 mm
Midrail
Seite/*Page* **106**

Stulpprofile
floating mullion profiles

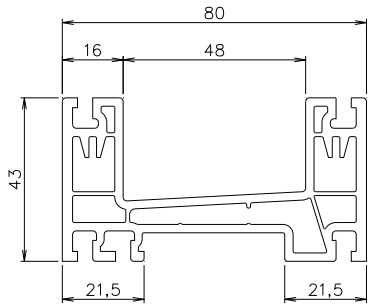


6067
Stulpprofil 44 mm
Floating mullion profile
Seite/*Page* **107**

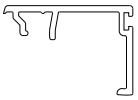
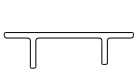


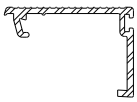
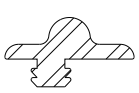
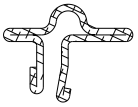
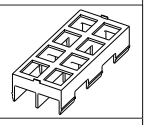
A000
Alu-Stulpprofil 72 mm
Aluminium floating mullion profile
Seite/*Page* **107**

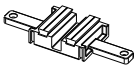
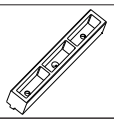
6050 Rahmenprofil 43 mm / *Frame profile*



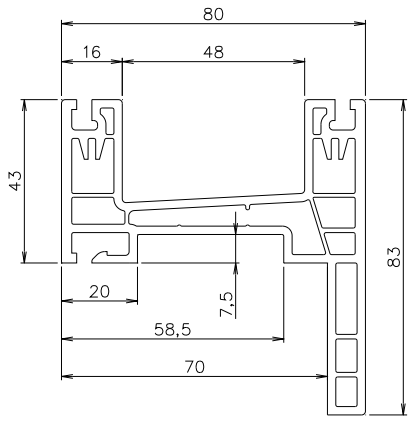
6050

Zubehör *Ancillaries*	V110	9C66	6064	6066
Bezeichnung *Name*	Verstärkung *Reinforcement*	Alu-Schwelle 20 mm *alu. threshold*	Blendrahmenabdeckung *outer frame cover profile*	Drainage *drainage*
Zeichnung *Drawing*				
Values	I_x = 3,0 cm^4			

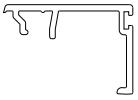
Zubehör *Ancillaries*	9C62	9C51	9C53	9C55
Bezeichnung *Name*	Alu-Abdeckung unterer Trittschutz *alu cover lower door tread bar*	Alu-Laufschiene *alu guide rail*	Edelstahl-Laufschiene *steel guide rail*	Klotzbrücke für Rahmen *glazing rebate block*
Zeichnung *Drawing*				
Values				

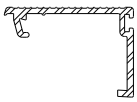
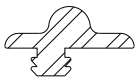
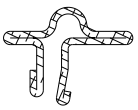
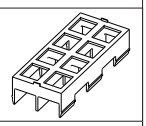
Zubehör *Ancillaries*	9C63	9C54
Bezeichnung *Name*	Labyrinthabschluss *maze completion*	Distanzstück für Flügel *distance piece*
Zeichnung *Drawing*		
Values		

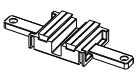
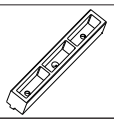
6051 Rahmenprofil 83 mm / *Frame profile*



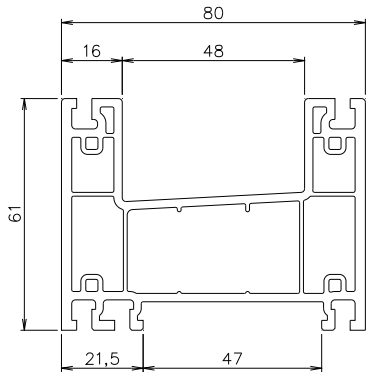
6051

Zubehör *Ancillaries*	V110	9C66	6064	6066
Bezeichnung *Name*	Verstärkung *Reinforcement*	Alu-Schwelle 20 mm *alu. threshold*	Blendrahmenabdeckung *outer frame cover profile*	Drainage *drainage*
Zeichnung *Drawing*				
Values	I_x = 3,0 cm^4			

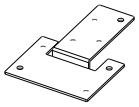
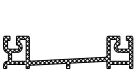
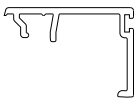
Zubehör *Ancillaries*	9C62	9C51	9C53	9C55
Bezeichnung *Name*	Alu-Abdeckung unterer Trittschutz *alu cover lower door tread bar*	Alu-Laufschiene *alu guide rail*	Edelstahl-Laufschiene *steel guide rail*	Klotzbrücke für Rahmen *glazing rebate block*
Zeichnung *Drawing*				
Values				

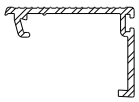
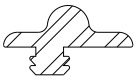
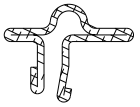
Zubehör *Ancillaries*	9C63	9C54
Bezeichnung *Name*	Labyrinthabschluss *maze completion*	Distanzstück für Flügel *distance piece*
Zeichnung *Drawing*		
Values		

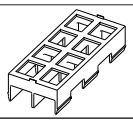
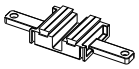
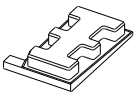
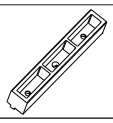
6052 Rahmenprofil 61 mm / *Frame profile*



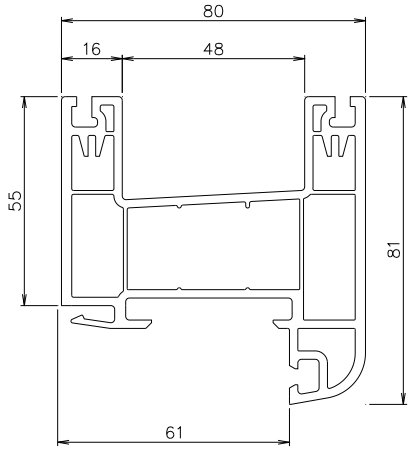
6052

Zubehör *Ancillaries*	V107	9C52	9C66	6064
Bezeichnung *Name*	Verstärkung *Reinforcement*	Eckverbinder für 6052 *corner connector*	Alu-Schwelle 20 mm *alu. threshold*	Blendrahmenabdeckung *outer frame cover profile*
Zeichnung *Drawing*				
Values	I_x = 5,3 cm^4			

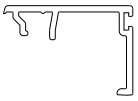
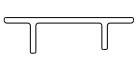
Zubehör *Ancillaries*	6066	9C62	9C51	9C53
Bezeichnung *Name*	Drainage *drainage*	Alu-Abdeckung unterer Trittschutz *alu cover lower door tread bar*	Alu-Laufschiene *alu guide rail*	Edelstahl-Laufschiene *steel guide rail*
Zeichnung *Drawing*				
Values				

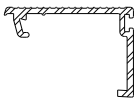
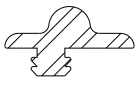
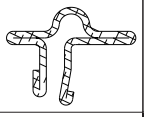
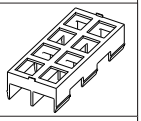
Zubehör *Ancillaries*	9C55	9C63	9C97	9C54
Bezeichnung *Name*	Klotzbrücke für Rahmen *glazing rebate block*	Labyrinthabschluss *maze completion*	Dichtteil für 6052 *sealing pad*	Distanzstück für Flügel *distance piece*
Zeichnung *Drawing*				
Values				

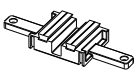
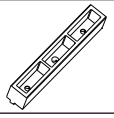
6053 Rahmenprofil 81mm / *Frame profile*



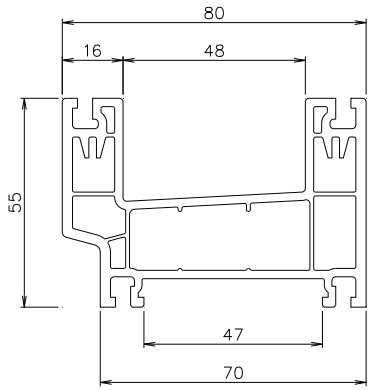
6053

Zubehör *Ancillaries*	V107	9C66	6064	6066
Bezeichnung *Name*	Verstärkung *Reinforcement*	Alu-Schwelle 20 mm *alu. threshold*	Blendrahmenabdeckung *outer frame cover profile*	Drainage *drainage*
Zeichnung *Drawing*				
Values	I_x = 5,3 cm^4			

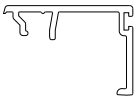
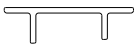
Zubehör *Ancillaries*	9C62	9C51	9C53	9C55
Bezeichnung *Name*	Alu-Abdeckung unterer Trittschutz *alu cover lower door tread bar*	Alu-Laufschiene *alu guide rail*	Edelstahl-Laufschiene *steel guide rail*	Klotzbrücke für Rahmen *glazing rebate block*
Zeichnung *Drawing*				
Values				

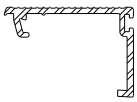
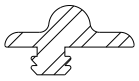
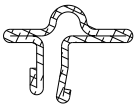
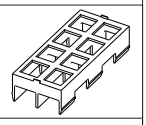
Zubehör *Ancillaries*	9C63	9C54
Bezeichnung *Name*	Labyrinthabschluss *maze completion*	Distanzstück für Flügel *distance piece*
Zeichnung *Drawing*		
Values		

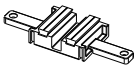
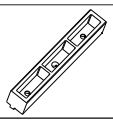
6054 Rahmenprofil 55 mm / *Frame profile*



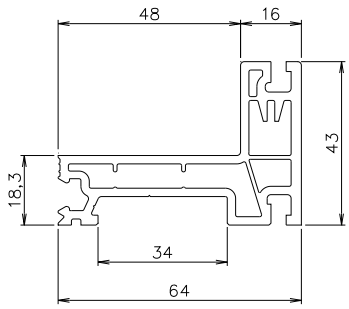
6054

Zubehör *Ancillaries*	**V108**	**9C66**	**6064**	**6066**
Bezeichnung *Name*	Verstärkung *Reinforcement*	Alu-Schwelle 20 mm *alu. threshold*	Blendrahmenabdeckung *outer frame cover profile*	Drainage *drainage*
Zeichnung *Drawing*				
Values	I_x = 3,3 cm^4			

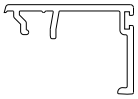
Zubehör *Ancillaries*	**9C62**	**9C51**	**9C53**	**9C55**
Bezeichnung *Name*	Alu-Abdeckung unterer Trittschutz *alu cover lower door tread bar*	Alu-Laufschiene *alu guide rail*	Edelstahl-Laufschiene *steel guide rail*	Klotzbrücke für Rahmen *glazing rebate block*
Zeichnung *Drawing*				
Values				

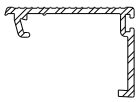
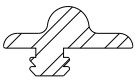
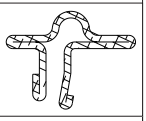
Zubehör *Ancillaries*	**9C63**	**9C54**
Bezeichnung *Name*	Labyrinthabschluss *maze completion*	Distanzstück für Flügel *distance piece*
Zeichnung *Drawing*		
Values		

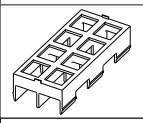
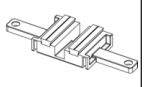
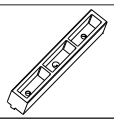
6055 Adapter / *Adaptor profile*



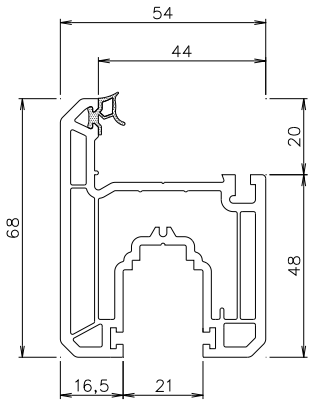
6055 für dritte Laufschiene
for third rail

Zubehör *Ancillaries*	**V110**	**9D56**	**S036**	**6064**
Bezeichnung *Name*	Verstärkung *Reinforcement*	Stützbrücke *Frame support bridge*	Clipsschraube *clipping screw*	Blendrahmenabdeckung *outer frame cover profile*
Zeichnung *Drawing*				
Values	I_x = 3,0 cm^4			

Zubehör *Ancillaries*	**6066**	**9C62**	**9C51**	**9C53**
Bezeichnung *Name*	Drainage *drainage*	Alu-Abdeckung unterer Trittschutz *alu cover lower door tread bar*	Alu-Laufschiene *alu guide rail*	Edelstahl-Laufschiene *steel guide rail*
Zeichnung *Drawing*				
Values				

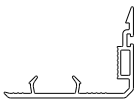
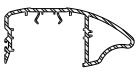
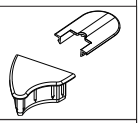
Zubehör *Ancillaries*	**9C55**	**9D55**	**9C54**
Bezeichnung *Name*	Klotzbrücke für Rahmen *glazing rebate block*	Labyrinthabschluss *maze completion*	Distanzstück für Flügel *distance piece*
Zeichnung *Drawing*			
Values			

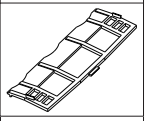
6040 Fluegelprofil 68 mm / *sash profile*



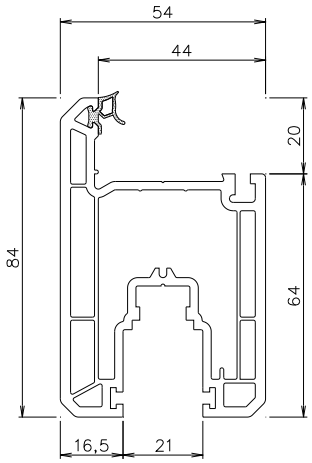
6040D mit schwarzer Dichtung
with black seal

6040L mit lichtgrauer Dichtung
with grey seal

Zubehör *Ancillaries*	6060	9C57	9C61	9C68
Bezeichnung *Name*	Interlock für 6040 *interlock*	Alu- Ziehgriff zu 6040 *alu pull for 6040*	Interlock Alu zu 6041 *interlock alu*	Abdeckkappen für 9C57/9C58 *end cap*
Zeichnung *Drawing*				
Values				

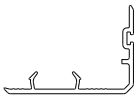
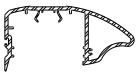
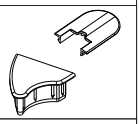
Zubehör *Ancillaries*	9C56
Bezeichnung *Name*	Klotzbrücke für Flügel *glazing rebate block*
Zeichnung *Drawing*	
Values	

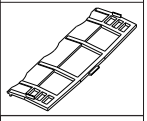
6041 Flügelprofil 84 mm / *sash profile*



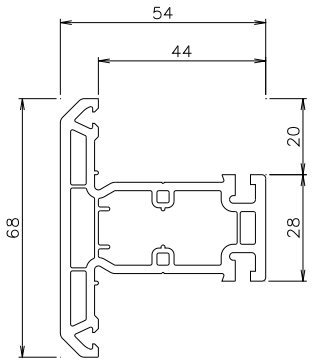
6041.D mit schwarzer Dichtung
with black seal

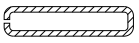
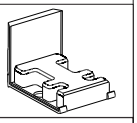
6041.L mit lichtgrauer Dichtung
with grey seal

Zubehör *Ancillaries*	6061	9C58	9C61	9C68
Bezeichnung *Name*	Interlock für 6041 *interlock*	Alu- Ziehgriff zu 6041 *alu pull for 6041*	Interlock Alu zu 6041 *interlock alu*	Abdeckkappen für 9C57/9C58 *end cap*
Zeichnung *Drawing*				
Values				

Zubehör *Ancillaries*	9C56
Bezeichnung *Name*	Klotzbrücke für Flügel *glazing rebate block*
Zeichnung *Drawing*	
Values	

6048 Flügelsprosse 68 mm / *sash rail*

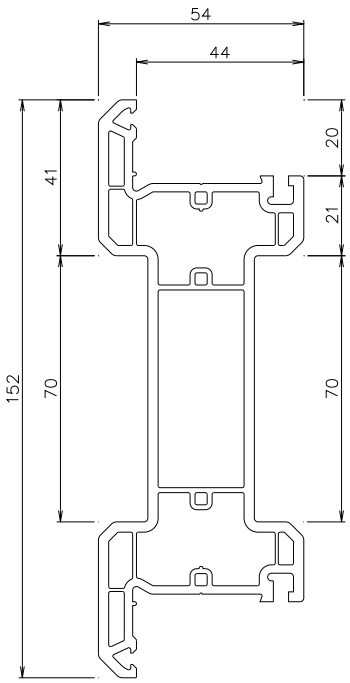


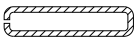
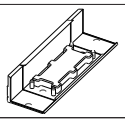
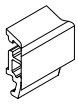
Zubehör *Ancillaries*	V081	9C50
Bezeichnung *Name*	Verstärkung *Reinforcement*	Dichtteil für 6048 *sealing pad*
Zeichnung *Drawing*		
Values	I_x = 0,1 cm^4 I_y = 1,3 cm^4	

6048D mit schwarzen Dichtungen
with black seals

6048L mit lichtgrauen Dichtungen
with grey seals

6049 Midrail 152 mm / *Midrail*

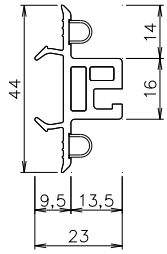


Zubehör *Ancillaries*	V081	9C49	6062
Bezeichnung *Name*	Verstärkung *Reinforcement*	Dichtteil für Midrail 6049 *sealing pad*	Dichtlleiste für Midrail schwarz *sealing for midrail black*
Zeichnung *Drawing*			
Values	I_x = 0,1 cm^4 I_y = 1,3 cm^4		

6049D mit schwarzen Dichtungen
with black seals

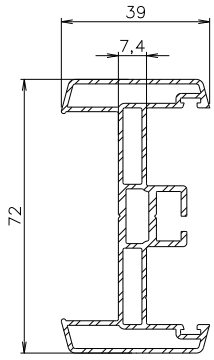
6049L mit lichtgrauen Dichtungen
with grey seals

6067 Stulpprofil 44 mm / *Floating mullion profile*



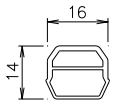
6067

A000 Alu-Stulpprofil 72 mm / *Aluminium floating mullion profile*



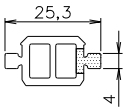
A000

6414 Kopplungsfeder / *Coupling spring*



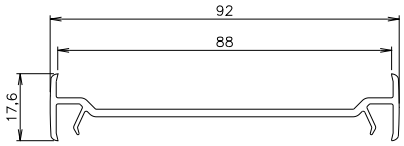
6414 Recycling Material
recycling material

8070 Kopplungsgummi / *Coupling rubber*



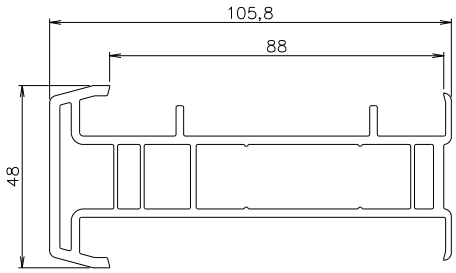
8070

8350 Kopplungsleiste / *Coupling bead*

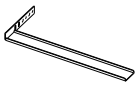
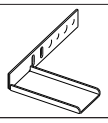
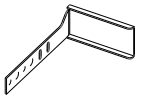


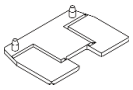
8350 weiß oder foliert
white or foiled

8408 H-Schieber / *H coupling*

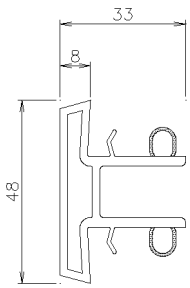


8408

Zubehör *Ancillaries*	840808	8972	8973	8974
Bezeichnung *Name*	Verstärkung 2,5 mm *Reinforcement*	Montageanker *Fixing bracket*	Montageanker *Fixing bracket*	Montageanker *Fixing bracket*
Zeichnung *Drawing*				
Values	I_x = 9,7 cm^4 I_y = 1,1 cm^4			

Zubehör *Ancillaries*	5909
Bezeichnung *Name*	Abdeckkappe *End cap*
Zeichnung *Drawing*	
Values	

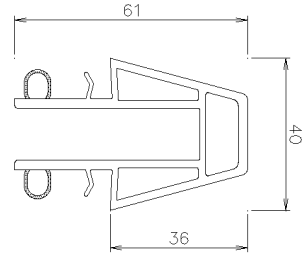
9439 Kopplungsprofil 48 x 36 mm / *Coupling profile*



9439 mit Dichtungen
with seals

Zubehör *Ancillaries*	940208	940308
Bezeichnung *Name*	Verstärkung 2,2 mm *Reinforcement*	Verstärkung 2,2 mm *Reinforcement*
Zeichnung *Drawing*		
Values	I_x = 49,5 cm^4 I_y = 0,8 cm^4	I_x = 22,4 cm^4 I_y = 0,7 cm^4

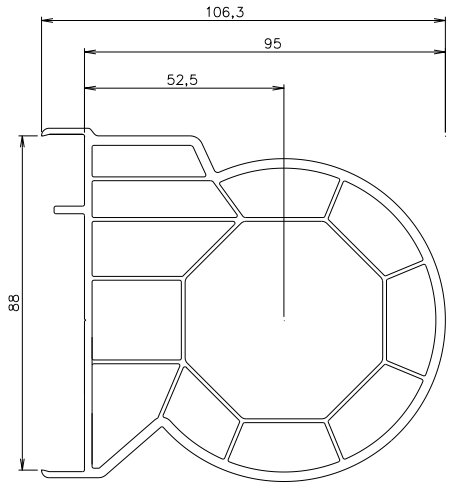
9440 Kopplungsprofil / *Coupling profile*



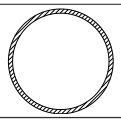
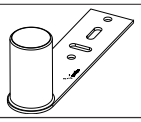
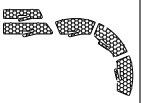
9440 mit Dichtungen
with seals

Zubehör *Ancillaries*	940208	940308
Bezeichnung *Name*	Verstärkung 2,2 mm *Reinforcement*	Verstärkung 2,2 mm *Reinforcement*
Zeichnung *Drawing*		
Values	I_x = 49,5 cm^4 I_y = 0,8 cm^4	I_x = 22,4 cm^4 I_y = 0,7 cm^4

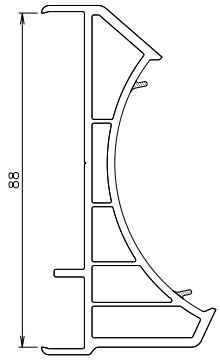
8340 Variable Eckkopplung / *variable bay pole*



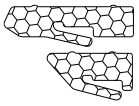
8340 weiß oder foliert
white or foiled

Zubehör *Ancillaries*	640	A8355	DK8340
Bezeichnung *Name*	Verstärkung 2,0 mm *Reinforcement*	Anker für Kopplung 90° und Variabel *Anchor for coupling 90° variable*	Dämmkernset für 8340 *insulation core set*
Zeichnung *Drawing*			
Values	I_x = 8,7 cm^4 I_y = 8,7 cm^4		

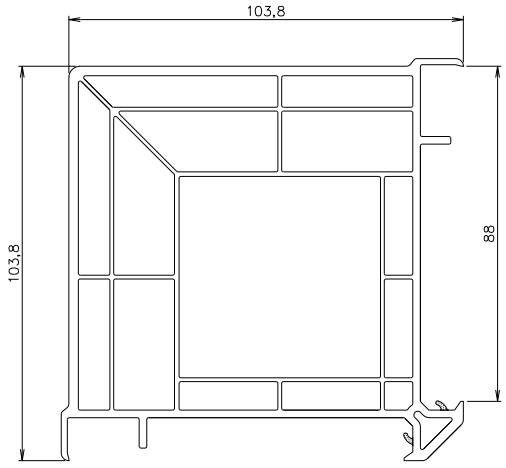
8341 Variable Eckkopplung / *variable bay pole*



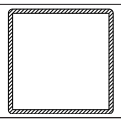
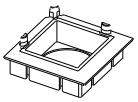
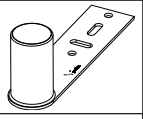
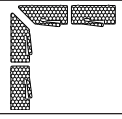
8341 weiß oder foliert
white or foiled

Zubehör *Ancillaries*	DK8341
Bezeichnung *Name*	Dämmkernset für 8341 *insulation core set*
Zeichnung *Drawing*	
Values	

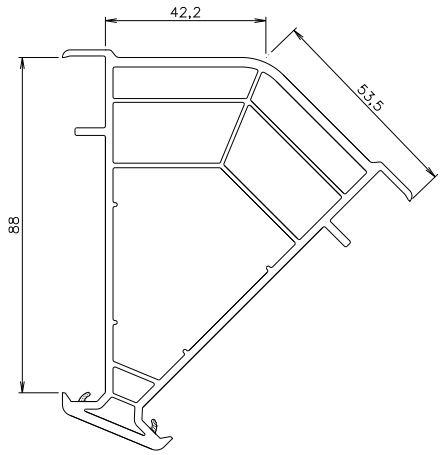
8355 Eckkopplung 90° / *bay pole*



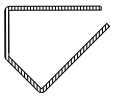
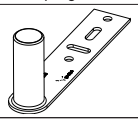
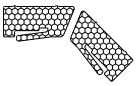
8355 weiß oder foliert
white or foiled

Zubehör *Ancillaries*	940808	K8355	A8355	DK8355
Bezeichnung *Name*	Verstärkung 2,0 mm *Reinforcement*	Endkappe 90° Kopplung *end cap for 90° coupling*	Anker für Kopplung 90° *Anchor for coupling 90°*	Dämmkernset für 8355 *insulation core set*
Zeichnung *Drawing*				
Values	I_x = 14,4 cm^4 I_y = 14,4 cm^4			

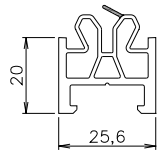
8356 Eckkopplung 135° / *bay pole*



8356 weiß oder foliert
white or foiled

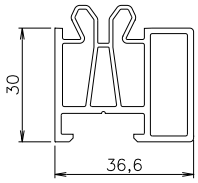
Zubehör *Ancillaries*	S8356	A8356	DK8356
Bezeichnung *Name*	Verstärkung 2,0 mm *Reinforcement*	Anker für Kopplung 135° *Anchor* *for coupling 135°*	Dämmkernset für 8356 *insulation core set*
Zeichnung *Drawing*			
Values	I_x = 7,6 cm^4 I_y = 6,1 cm^4		

8412 Sohlbankprofil 20 mm / *Window sill*



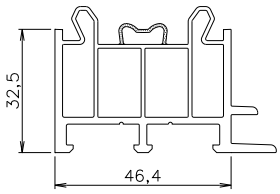
8412

8456 Sohlbankprofil 30 mm / *Window sill*



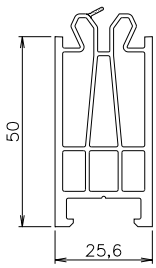
8456

8455 Sohlbankprofil 32,5 mm / *Window sill*



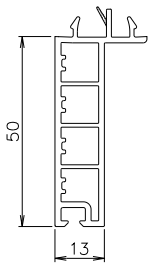
8455

8411 Sohlbankprofil 50 mm / *Window sill*



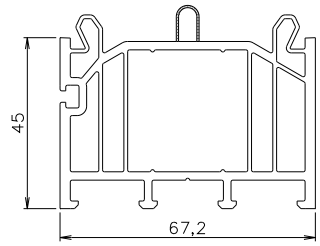
8411

6412 Sohlbankprofil 50 mm / *Window sill*

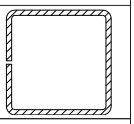


6412

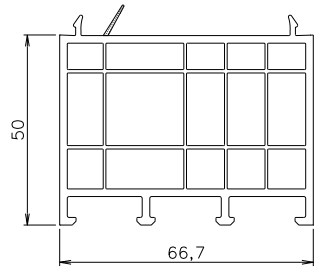
8405 Sohlbankprofil 45 mm / *Window sill*



8405

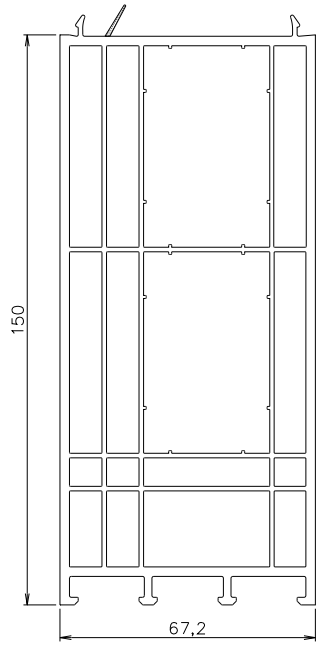
Zubehör *Ancillaries*	**810108**
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*
Zeichnung *Drawing*	
Values	I_x = 2,2 cm^4 I_y = 2,2 cm^4

6413 Verbreiterung 50 mm / *Extension profile*

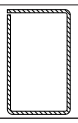


6413 weiß *white*

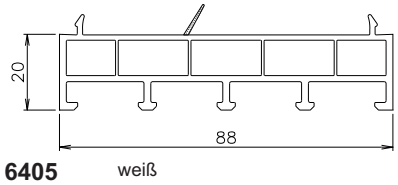
6416 Bodeneinstandsprofil 150 mm / *Base single-column profile*



6416

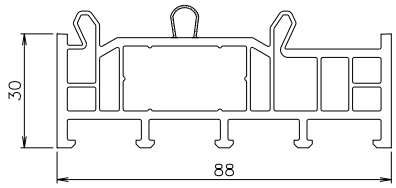
Zubehör *Ancillaries*	**810208**
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*
Zeichnung *Drawing*	
Values	I_x = 3,4 cm^4 I_y = 7,6 cm^4

6405 Verbreiterung 20 mm / *Extension profile*

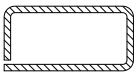


6405 weiß *white*

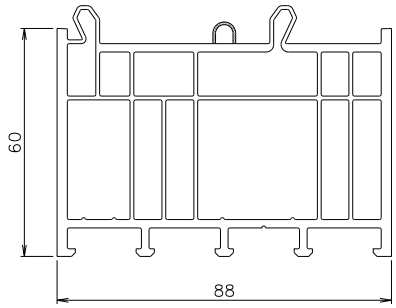
8403 Verbreiterung 30 mm / *Extension profile*



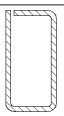
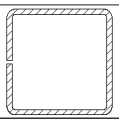
8403

Zubehör *Ancillaries*	**840108**	**AS 8401**
Bezeichnung *Name*	Verstärkung *Reinforcement*	Aluschale *Aluminium cover*
Zeichnung *Drawing*		
Values	I_x = 1,3 cm^4 I_y = 0,4 cm^4	E: 160 mm S: 54 mm

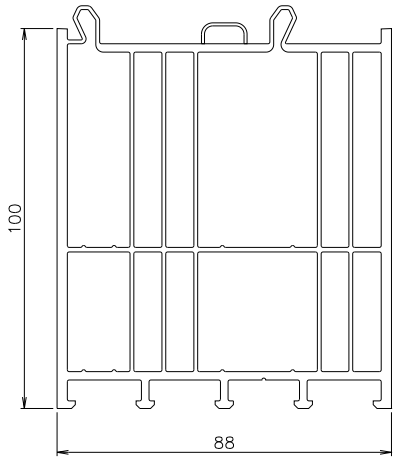
8401 Verbreiterung 60 mm / *Extension profile*



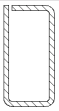
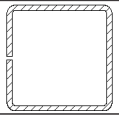
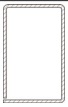
8401

Zubehör *Ancillaries*	**840108**	**810108**	**AS 8401**
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*	Verstärkung 1,5 mm *Reinforcement*	Aluschale *Aluminium cover*
Zeichnung *Drawing*			
Values	I_x = 0,4 cm^4 I_y = 1,3 cm^4	I_x = 2,2 cm^4 I_y = 2,2 cm^4	E: 160 mm S: 54 mm

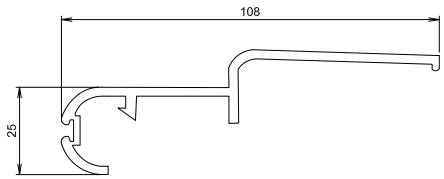
8404 Verbreiterung 100 mm / *Extension profile*



8404

Zubehör *Ancillaries*	**840108**	**810108**	**810208**	**AS 8401**
Bezeichnung *Name*	Verstärkung *Reinforcement*	Verstärkung 1,5 mm *Reinforcement*	Verstärkung 1,5 mm *Reinforcement*	Aluschale *Aluminium cover*
Zeichnung *Drawing*				
Values	I_x = 0,4 cm^4 I_y = 1,3 cm^4	I_x = 2,2 cm^4 I_y = 2,2 cm^4	I_x = 3,4 cm^4 I_y = 7,6 cm^4	E: 160 mm S: 54 mm

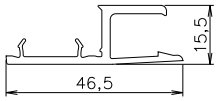
8462 Rollladentraversen / *Shutter traverses*



8462

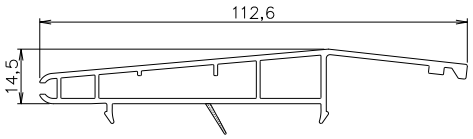
Zubehör *Ancillaries*	**9059**
Bezeichnung *Name*	Bürstendichtung *Brush gasket*
Zeichnung *Drawing*	
Values	

6417 Aufnahmeprofil / *Incorporation profile*



6417

6415 Rollladenabrollleiste / *Rolling shutter tipping bead*



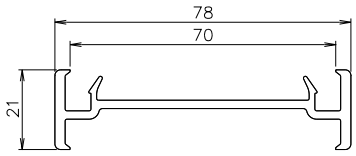
6415

1248 Kopplungsfeder / *Coupling spring*



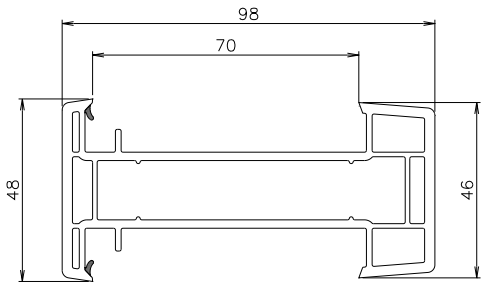
1248

350 Kopplungsleiste / *Coupling bead*

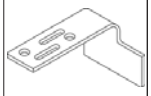
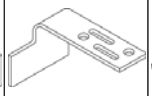
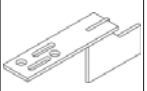


350

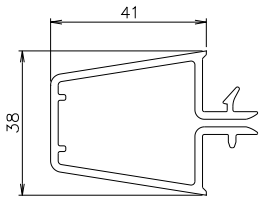
352 H-Kopplung / *H coupling*



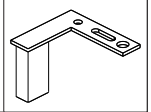
352

Zubehör *Ancillaries*	208	AL152	AR152	AI152
Bezeichnung *Name*	Verstärkung 2,0 mm *Reinforcement*	Befestigungsanker *Fixing lug*	Befestigungsanker *Fixing lug*	Befestigungsanker *Fixing lug*
Zeichnung *Drawing*				
Values	I_x = 20,2 cm^4			

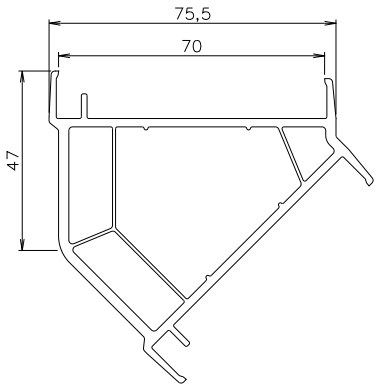
153 Kopplungsummantelung / *Coupling cover*



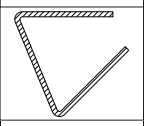
153

Zubehör *Ancillaries*	7209	A153
Bezeichnung *Name*	Verstärkung 2,0 mm *Reinforcement*	Befestigungsanker *Fixing lug*
Zeichnung *Drawing*		
Values	I_x = 130,2 cm^4 I_y = 2,6 cm^4	

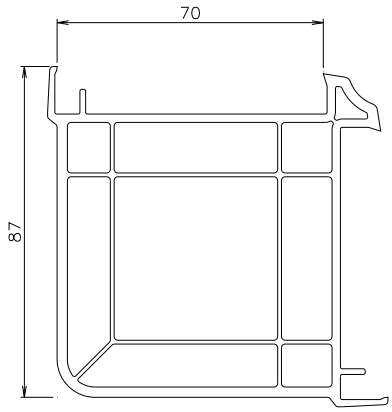
6356 Eckkopplung 135 ° / *Bay pole*



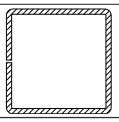
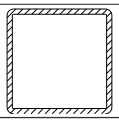
6356

Zubehör *Ancillaries*	656
Bezeichnung *Name*	Verstärkung 2,0 mm *Reinforcement*
Zeichnung *Drawing*	
Values	I_x = 3,5 cm^4 I_y = 3,5 cm^4

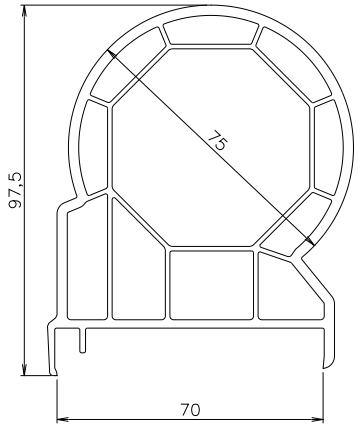
355 Eckkopplung 90 ° / *Bay pole*



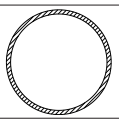
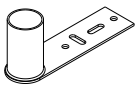
355

Zubehör *Ancillaries*	655	645
Bezeichnung *Name*	Verstärkung 2 mm *Reinforcement*	Verstärkung *Reinforcement*
Zeichnung *Drawing*		
Values	I_x = 7,0 cm^4 I_y = 7,0 cm^4	I_x = 7,1 cm^4 I_y = 7,1 cm^4

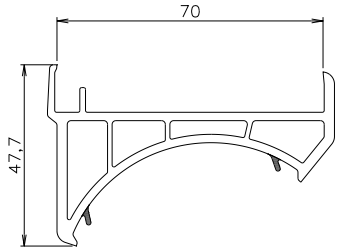
340 Variable Eckkopplung / *Variable bay pole*



340

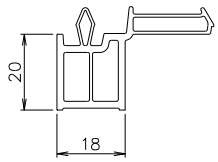
Zubehör *Ancillaries*	640	A640
Bezeichnung *Name*	Verstärkung 2,0 mm *Reinforcement*	Befestigungsanker *Fixing lug*
Zeichnung *Drawing*		
Values	I_x = 8,7 cm^4 I_y = 8,7 cm^4	

341 Adapter für variable Eckkopplung / *Variable bay pole*



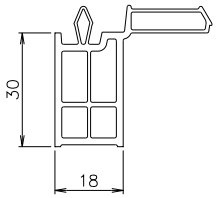
341

345 Universalanschluss 20 mm / *Universal connection*



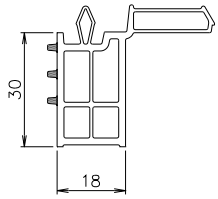
345

346 Universalanschluss 30 mm / *Universal connection*



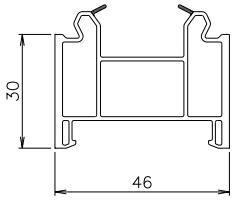
346

346F Universalanschluss 30 mm / *Universal connector*



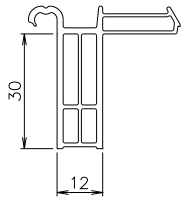
346F

342 Universalanschluss 30 mm / *Universal connection*



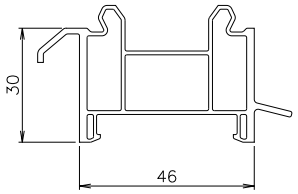
342

349 Universalanschluss 30 mm / *Universal connection*



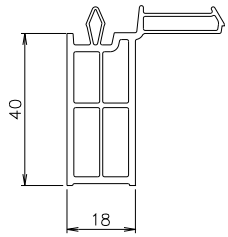
349

7343 Universalanschluss 30 mm / *Universal connection*



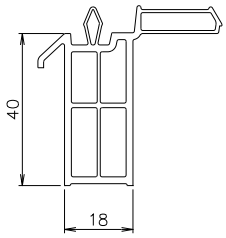
7343

348 Universalanschluss 40 mm / *Universal connection*



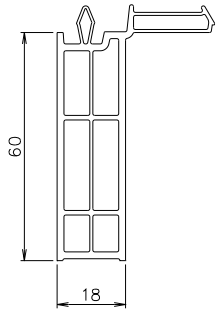
348

344 Universalanschluss 40 mm / *Universal connector*



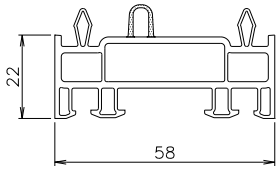
344

141 Universalanschluss 60 mm / *Universal connection*



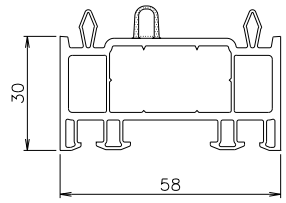
141

741 Verbreiterung 22 mm / *Extension*



741

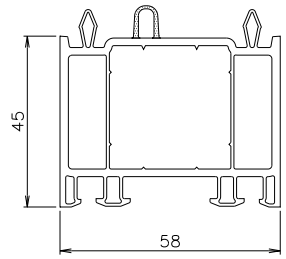
144 Verbreiterung 30 mm / *Extension*



144

Zubehör *Ancillaries*	**606**
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*
Zeichnung *Drawing*	
Values	I_x = 1,3 cm^4 I_y = 0,4 cm^4

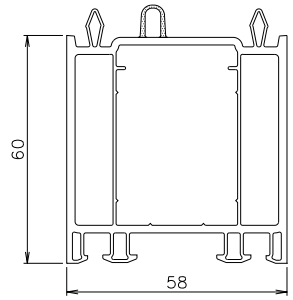
545 Verbreiterung 45 mm / *Extension*



545

Zubehör *Ancillaries*	**634**
Bezeichnung *Name*	Verstärkung 2,0 mm *Reinforcement*
Zeichnung *Drawing*	
Values	I_x = 2,8 cm^4 I_y = 2,8 cm^4

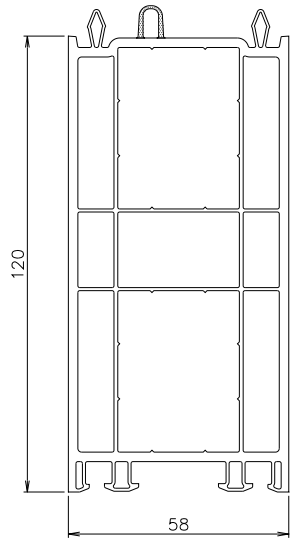
546 Verbreiterung 60 mm / *Extension*



546

Zubehör *Ancillaries*	**219**	**S304020**
Bezeichnung *Name*	Verstärkung 3,0 mm *Reinforcement*	Verstärkung 2,0 mm *Reinforcement*
Zeichnung *Drawing*		
Values	I_x = 4,8 cm^4 I_y = 7,5 cm^4	I_x = 3,6 cm^4 I_y = 5,6 cm^4

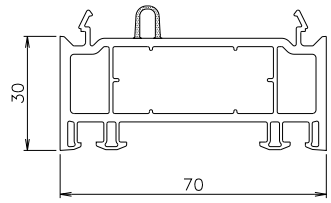
147 Verbreiterung 120 mm / *Extension*



147

Zubehör *Ancillaries*	**219**	**S304020**	**606**
Bezeichnung *Name*	Verstärkung 3,0 mm *Reinforcement*	Verstärkung 2,0 mm *Reinforcement*	Verstärkung 1,5 mm *Reinforcement*
Zeichnung *Drawing*			
Values	I_x = 4,8 cm^4 I_y = 7,5 cm^4	I_x = 3,6 cm^4 I_y = 5,6 cm^4	I_x = 1,3 cm^4 I_y = 0,4 cm^4

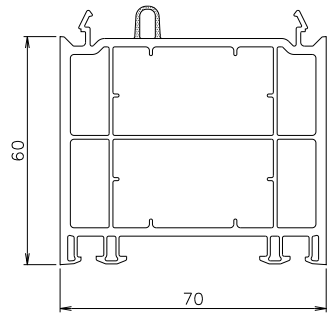
360 Verbreiterung 30 mm / *Extension*



360

Zubehör *Ancillaries*	**602**
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*
Zeichnung *Drawing*	
Values	I_x = 2,4 cm^4 I_y = 0,5 cm^4

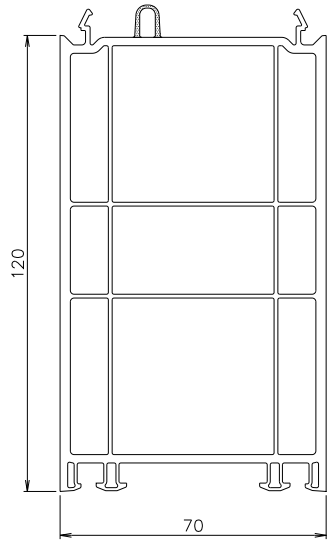
362 Verbreiterung 60 mm / *Extension*



362

Zubehör *Ancillaries*	**604**
Bezeichnung *Name*	Verstärkung 2,0 mm *Reinforcement*
Zeichnung *Drawing*	
Values	I_x = 3,6 cm^4 I_y = 1,3 cm^4

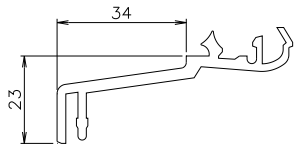
363 Verbreiterung 120 mm / *Extension*



363

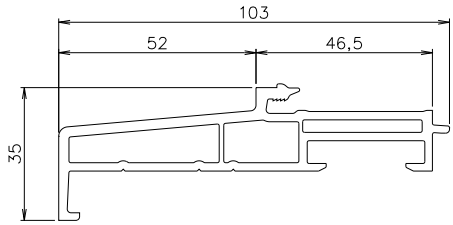
Zubehör *Ancillaries*	**655**	**645**
Bezeichnung *Name*	Verstärkung 2,0 mm *Reinforcement*	Verstärkung *Reinforcement*
Zeichnung *Drawing*		
Values	I_x = 7,0 cm^4 I_y = 7,0 cm^4	I_x = 7,1 cm^4 I_y = 7,1 cm^4

FB34 Fensterbankanschluss 34 mm / *Window sill connector*



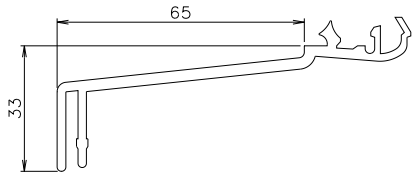
FB34

FB52 Fensterbank 52 mm / *Window sill, 52 mm*



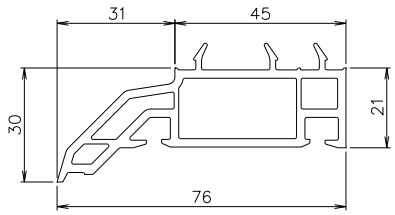
FB52

FB65 Fensterbankanschluss 65 mm / *Window sill connector*



FB65

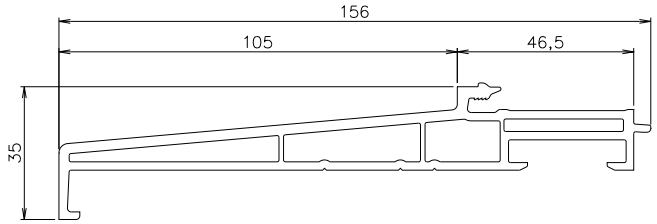
FB31 Fensterbank 31 mm / *Window sill*



FB31

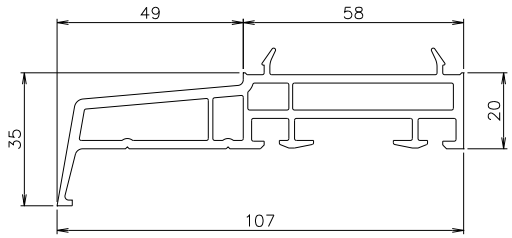
Zubehör *Ancillaries*	**606**
Bezeichnung *Name*	Verstärkung 1,5 mm *Reinforcement*
Zeichnung *Drawing*	
Values	I_x = 1,3 cm^4 I_y = 0,4 cm^4

FB105 Fensterbank 105 mm / *Window sill*



FB105

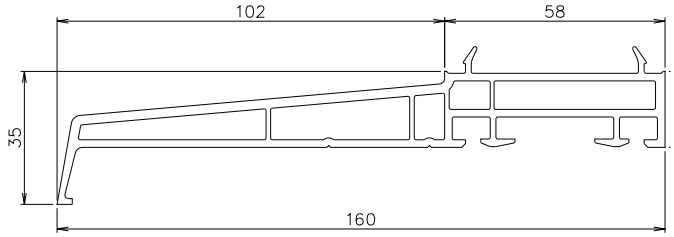
FB 49 Fensterbank 49 mm / *Window sill*



FB 49

Zubehör *Ancillaries*	KFB 49
Bezeichnung *Name*	Endkappe *End cap*
Zeichnung *Drawing*	
Values	

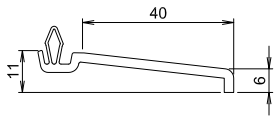
FB 102 Fensterbank 102 mm / *Window sill*



FB 102

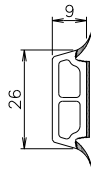
Zubehör *Ancillaries*	KFB 102
Bezeichnung *Name*	Endkappe *End cap*
Zeichnung *Drawing*	
Values	

FB 40 Fensterbank (innen) 40 mm / *Window sill (inside)*



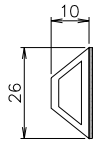
FB 40

SP750 Sprosse selbstklebend 26 x 9 mm / *Georgian bar*



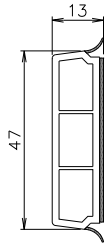
SP750

SP751 Sprosse selbstklebend 24 x 10 mm / *Georgian bar*



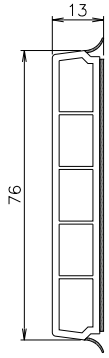
SP751

SP4713 Sprosse selbstklebend 47 x 13 mm / *Georgian bar*



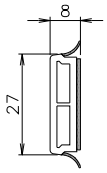
SP4713

SP7613 Sprosse selbstklebend 76 x 13 mm / *Georgian bar*



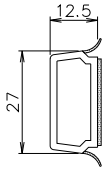
SP7613

SP2708 Sprosse selbstklebend 27 x 8 mm / *Georgian bar*



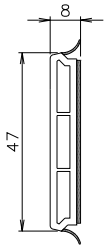
SP2708

SP2713 Sprosse selbstklebend 27 x 13 mm / *Georgian bar*



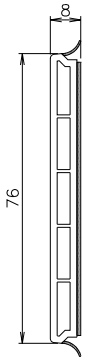
SP2713

SP4708 Sprosse selbstklebend 47 x 8 mm / *Georgian bar*



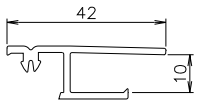
SP4708

SP7608 Sprosse selbstklebend 76 x 8 mm / *Georgian bar*



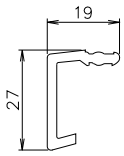
SP7608

163 Rollladenkastenaufnahme 10 mm / *Roller shutter box*



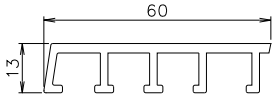
163

559 Fensterbankabdeckung 27 x 10 mm / *Window sill cover*



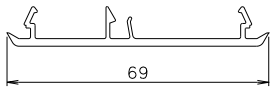
559

563 Laibung 60 mm / *Cover profile*



563

7562 Blendrahmenabdeckung 69 mm / *Outer frame cover*



7562

773 Klemmschiene / *Clamping rail*



773

194 Schraubnippel / *screw nipple*



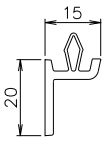
194

1194 Schraubnippel / *screw nipple*



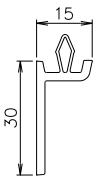
1194

148 Anschlusswinkel 20 mm / *connection angle*



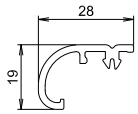
148

149 Anschlusswinkel 30 mm / *connection angle*



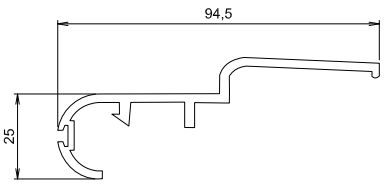
149

161 Rollladenablauf / *Roller shutter runoff*



161

164 Rollladenkastentraverse mit Dichtung / *Roller shutter box*

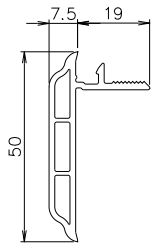


164

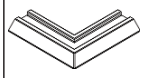
D 164
Bürstendichtung *Brush gasket*


7792

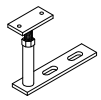
7795 Verblendung 50 x 7,5mm / *Trim profile*



7795

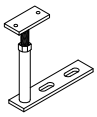
Zubehör *Ancillaries*	V 7795
Bezeichnung *Name*	Eckverbinder *corner connector*
Zeichnung *Drawing*	
Values	

622 Montagestütze / *Montage support*



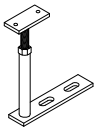
622

623 Montagestütze / *Montage support*



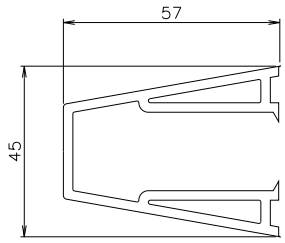
623

624 Montagestütze / *Montage support*



624

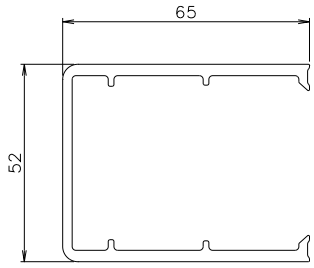
1114 Lisene / *Pilaster*



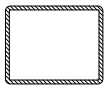
1114

Zubehör *Ancillaries*	205	9120
Bezeichnung *Name*	Verstärkung 2,0 mm *Reinforcement*	Verstärkung 3,5 mm *Reinforcement*
Zeichnung *Drawing*		
Values	I_x = 7,3 cm^4 I_y = 1,7 cm^4	I_x = 10 cm^4 I_y = 2,2 cm^4

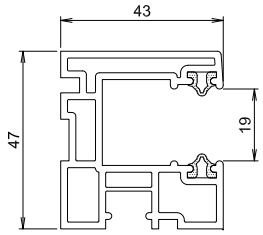
154 Lisene / *Pilaster*



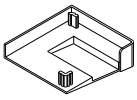
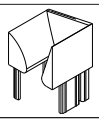
154

Zubehör *Ancillaries*	614	S604025
Bezeichnung *Name*	Verstärkung 2,0 mm *Reinforcement*	Verstärkung 2,5 mm *Reinforcement*
Zeichnung *Drawing*		
Values	I_x = 12,0 cm^4 I_y = 8,5 cm^4	I_x = 22,8 cm^4 I_y = 12,1 cm^4

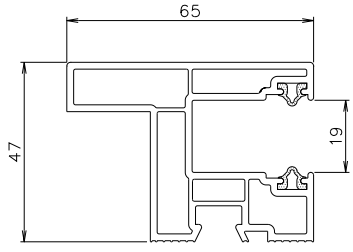
1085 Rollladenführungsschiene / *Roller shutter guide rail*



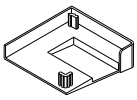
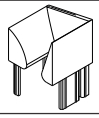
1085

Zubehör *Ancillaries*	K1085	T1085	1194
Bezeichnung *Name*	Endkappe *End cap*	Einlauftrichter *Feeding former*	Schraubnippel *screw nipple*
Zeichnung *Drawing*			
Values			

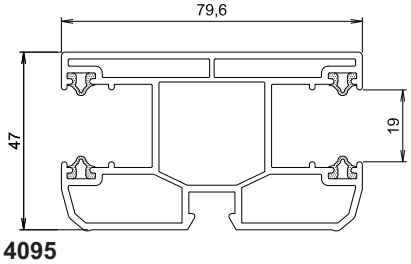
5666 Rollladenführungsschiene / *Roller shutter guide rail*



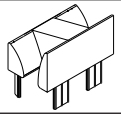
5666

Zubehör *Ancillaries*	K1085	T1085	1194
Bezeichnung *Name*	Endkappe *End cap*	Einlauftrichter *Feeding former*	Schraubnippel *screw nipple*
Zeichnung *Drawing*			
Values			

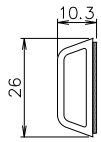
4095 doppelte Rollladenführungsschiene / *double roller shutter*



4095

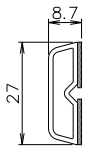
Zubehör *Ancillaries*	T4095	1194
Bezeichnung *Name*	Einlauftrichter *Feeding former*	Schraubnippel *screw nipple*
Zeichnung *Drawing*		
Values		

SP92609 Sprosse selbstklebend 26 x 10,3 mm / ***Georgian bar***



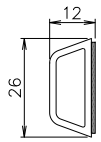
SP92609

SP92708 Alu-Sprosse selbstk. 27 x 8,7 mm / ***Alu georgian bar***



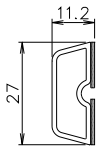
SP92708

SP92611 Sprosse selbstklebend 26 x 12 mm / ***Georgian bar***



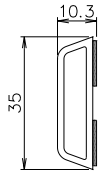
SP92611

SP92710 Alu-Sprosse selbstk. 27 x 11,2 mm / ***Alu georgian bar***



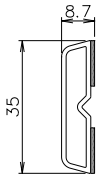
SP92710

SP93509 Sprosse selbstklebend 35 x 10,3 mm / ***Georgian bar***



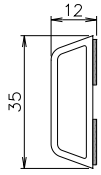
SP93509

SP93508 Alu-Sprosse selbstk. 35 x 8,7 mm / ***Alu georgian bar***



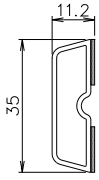
SP93508

SP93511 Sprosse selbstklebend 35 x 12 mm / ***Georgian bar***



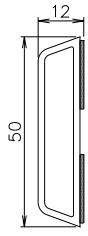
SP93511

SP93510 Alu-Sprosse selbstk. 35 x 11,2 mm / ***Alu georgian bar***



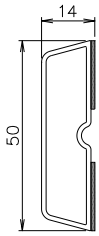
SP93510

SP95011 Sprosse selbstklebend 50 x 12 mm / ***Georgian bar***



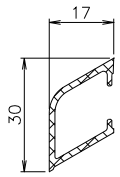
SP95011

SP95013 Alu-Sprosse selbstk. 50 x 14 mm / ***Alu georgian bar***

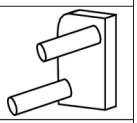


SP95013

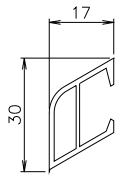
174N Alu-Wetterschenkel 17 x 17 / *Weather bar*



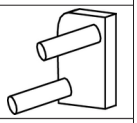
174N

Zubehör *Ancillaries*	**K174**
Bezeichnung *Name*	Abdeckkappe *End cap*
Zeichnung *Drawing*	
Values	

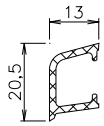
174 Wetterschenkel 17 x 17 / *Weather bar*



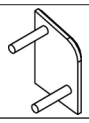
174

Zubehör *Ancillaries*	**K174**
Bezeichnung *Name*	Abdeckkappe *End cap*
Zeichnung *Drawing*	
Values	

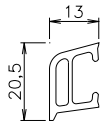
574N Alu-Wetterschenkel 20,5 x 13 / *Weather bar*



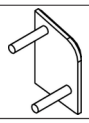
574N weiß oder foliert
white or foiled

Zubehör *Ancillaries*	**K574**
Bezeichnung *Name*	Abdeckkappe *End cap*
Zeichnung *Drawing*	
Values	

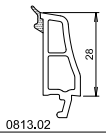
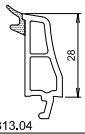
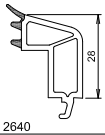
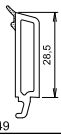
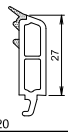
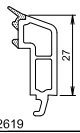
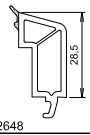
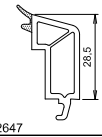
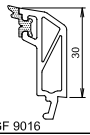
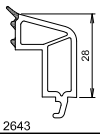
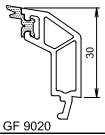
574 Wetterschenkel 20,5 x 13 / *Weather bar*

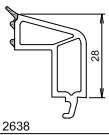
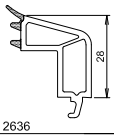
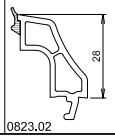
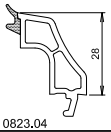
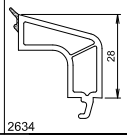
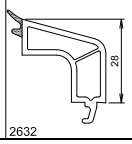
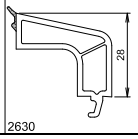
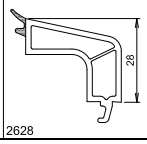
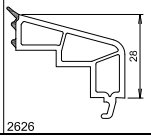
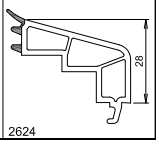


574 weiß oder foliert
white or foiled

Zubehör *Ancillaries*	**K574**
Bezeichnung *Name*	Abdeckkappe *End cap*
Zeichnung *Drawing*	
Values	

Verglasungstabelle System_88mm / System_88*md*

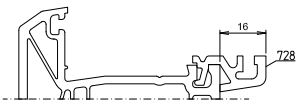
Dichtungstyp									
B	257 (4 mm)	54	52	48	46	44	43	42	39/40
A	256 (2 mm)	56	54	50	48	46	45	44	41/42
Glasleisten Breite		9,5	11	15,5	17,5	19,5	16	22	20/24
Glasleisten Bautiefe 88 mm				 0813.02	 0813.04				 2640
		 2649	 2620	 2619	 2648	 2647	 GF 9016	 2643	 GF 9020

Dichtungstyp									
B	257 (4 mm)	38	36	34	32	30	28	26	24
A	256 (2 mm)	40	38	36	34	32	30	28	26
Glasleisten Breite		25,5	27	30	32	34	36	38	40
Glasleisten Bautiefe 88 mm		 2638	 2636						
		 0823.02	 0823.04	 2634	 2632	 2630	 2628	 2626	 2624

Verglasungstabelle System_70mm / System_70mm SELECT / System_70*md*

728*	255 (4 mm)	56	54	52	50	48	46	44	42	40	18	16	12
Dichtungstyp B	255 (4 mm)	40	38	36	34	32	30	28	26	24	-	-	-
Dichtungstyp A	254 (2 mm)	42	40	38	36	34	32	30	28	26	20	18	14
Glasleisten Breite		6	8	8	10	12	14	16	20	20	26	29	33
Glasleisten Bautiefe 70 mm	System_70mm / System_70*md* Standard	006.02	008.02	008.04	010.04	012.04	014.04	016.04	320.02	320.04	026.04	029.04	033.04
	System_70mm / System_70*md* Stil				072.02	072.04	076.02	076.04					
	System_70mm / System_70*md* Stil							096.04					
	System_70mm / System_70*md* Kontur					322.04		326.04					
	System_70mm / System_70*md* SELECT						0132	0135	0133	0136	0134		
	System_70*md* Festverglasung		2620			2619		GF 9016.02	GF 9016.04	GF 9020.02	GF 9020.04		

* mit Falzverbreiterung Art.-Nr. 728



Glasleistenadapter

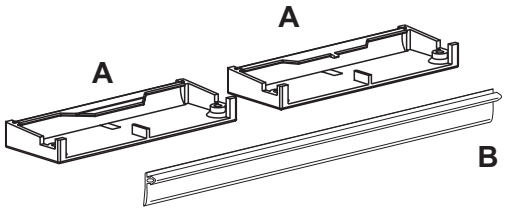
Falzverbreiterung **728**
Abdeckkappe **V 728**

REGEL-air, REGEL-air RF , REGEL-air PLUS (Überschlagslüfter)

Das Fensterfalz-Lüfter-Set REGEL-air® (FL) Art.-Nr. **RA 17AD** besteht aus:

A 2 x REGEL-air ®
B 1 x Flügel-Lüfter-Dichtung
C 2 x Blendrahmeneinströmdichtungen

Einbau oben



Das Fensterfalz-Lüfter-REGEL-air® RF Art.-Nr. **RA 17RF** besteht aus:

A 2 x REGEL-air ®
B 1 x Flügel-Lüfter-Dichtung
C 2 x Blendrahmeneinströmdichtungen

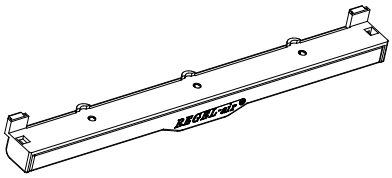
Einbau seitlich



Fensterüberschlag-Lüfter REGEL-air® PLUS (ÜL) Art.-Nr. **RA 17UL**

Einbau unten

Nur in Verbindung mit **REGEL-air** ® (FL) oder **REGEL-air® RF** einsetzbar !



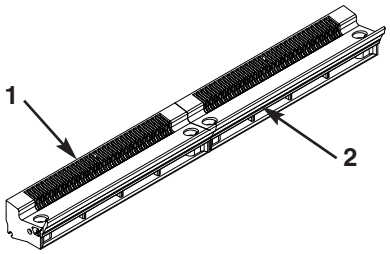
Einsetzbar in den Profilsystemen: **System_88mm**
System_70mm
System_70mm SELECT.

ClimaMatic

Das ClimaMatic-Lüfter-Set Art.-Nr. **LB 88** besteht aus:

2 x ClimaMatic Einzellüfter (1), mit Klappen (2) und Dichtung (2), vormontiert, (schwarz oder lichtgrau)

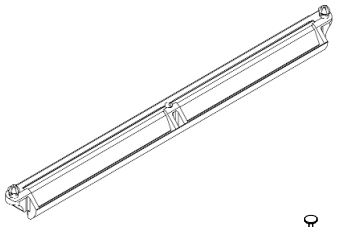
Einsetzbar in den Profilsystem: **System_88md**



Clima*TEC*_70 und Clima*TEC*_70plus

Clima*TEC*_70

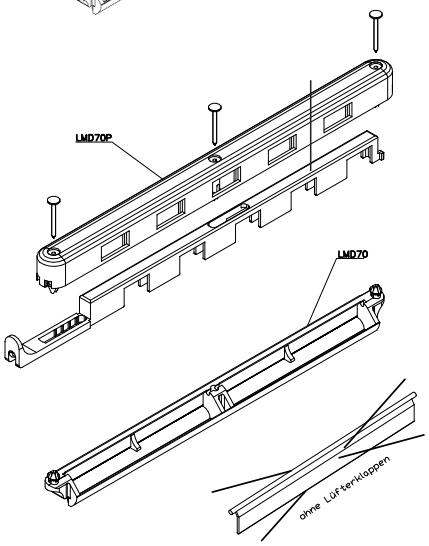
1 x Gehäuse Art.-Nr. **LMD 70** mit Klappen und Dämpfer



Clima*TEC*_70 PLUS

Ein Montageset besteht aus:
1 x Manueller Schiebelüfter Art.-Nr. **LMD 70P**
(Gehäuse + Schieber + 3 Montagestifte)
sowie 1 x Gehäuse zur Falzabdeckung
(LMD 70 ohne Klappen und Dämpfer).

Pro 1 x Schiebelüfter ist somit 1 x Gehäuseabdeckung erforderlich.

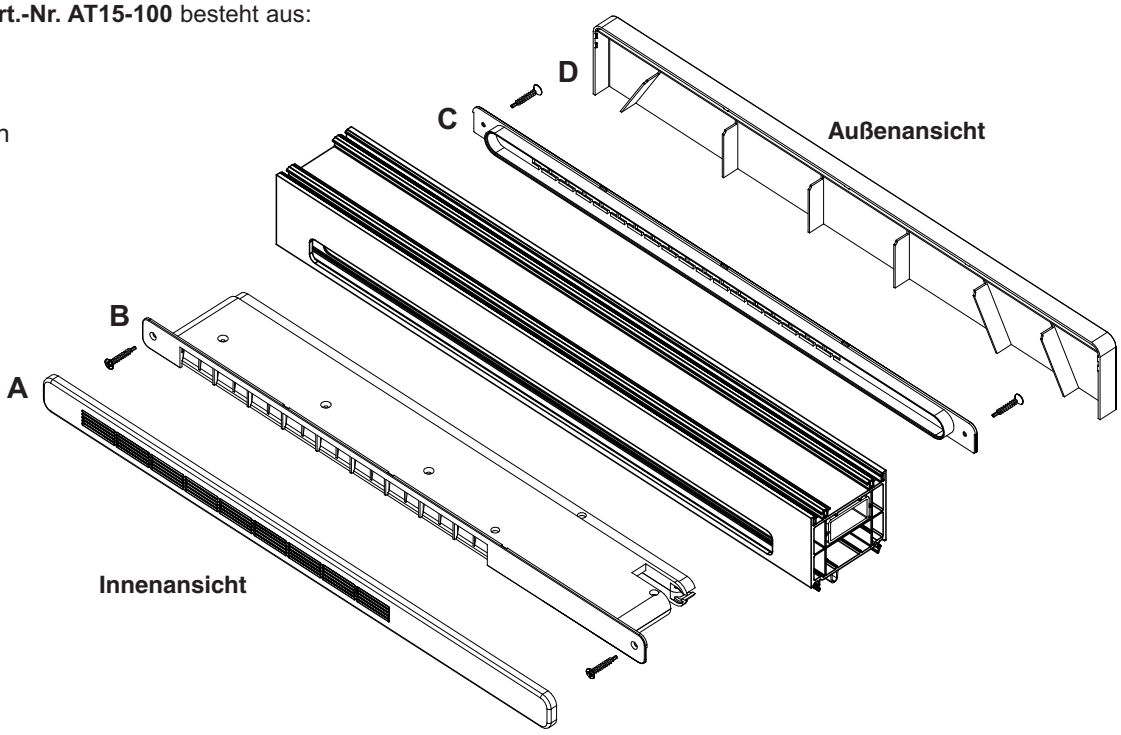


Einsetzbar in den Profilsystem: **System_70*md***

AirTronic

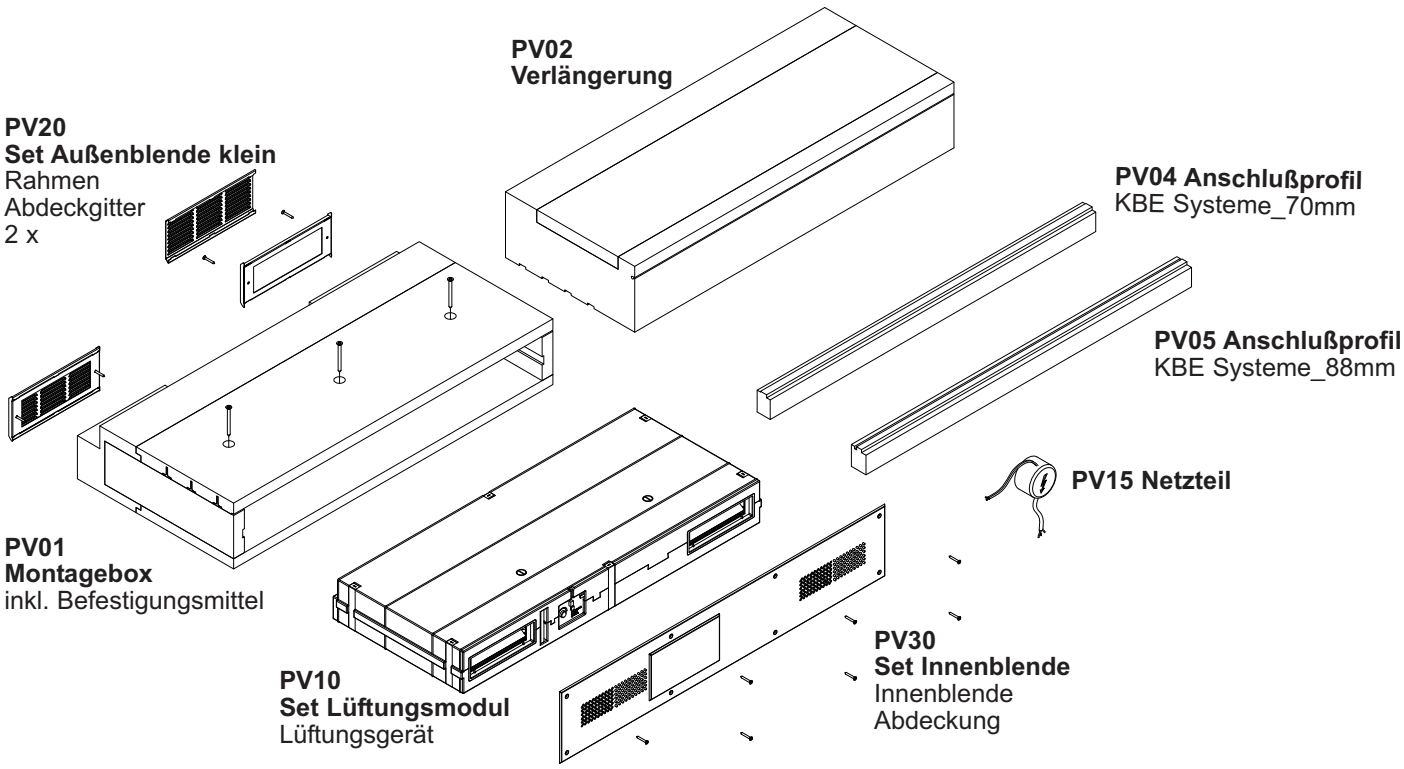
AirTronic-Lüfter-Set **Art.-Nr. AT15-100** besteht aus:

A Abdeckung Innen
B Lüftereinheit
C Halteplatte Außen
D Abdeckung Außen



Einsetzbar in den Profilsystemen:
System_88mm
System_88*md*
System_70mm
System_70*md*
System_70mm SELECT.

PremiVent


PV02
Verlängerung
PV20
Set Außenblende klein
Rahmen
Abdeckgitter
2 x
PV04 Anschlußprofil
KBE Systeme_70mm
PV05 Anschlußprofil
KBE Systeme_88mm
PV15 Netzteil
PV01
Montagebox
inkl. Befestigungsmittel
PV10
Set Lüftungsmodul
Lüftungsgerät
PV30
Set Innenblende
Innenblende
Abdeckung

profine GmbH
KBE Fenstersysteme
Motzener Straße 31-33
D-12277 Berlin
Telefon: +49 (0) 30 868 73-0
Telefax: +49 (0) 30 868 73-386
E-Mail: kbe@profine-group.com
www.kbe-online.de

Best.-Nr.:/Order-No.: **301TD0404**