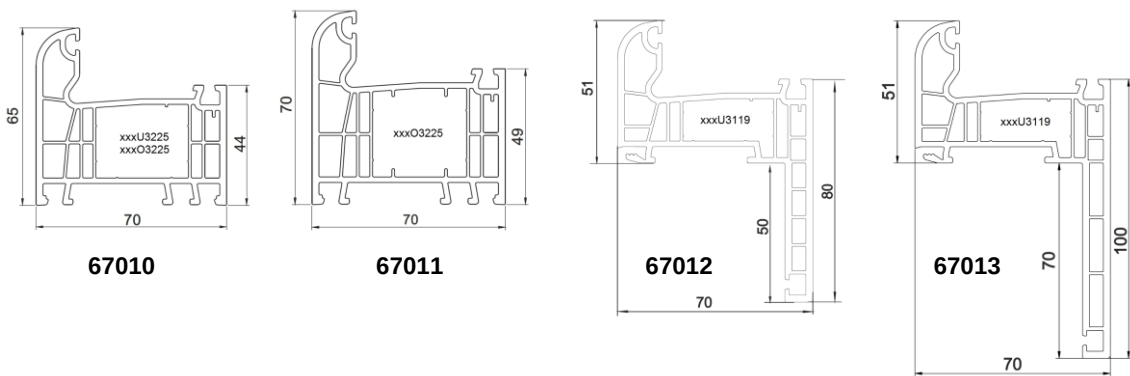
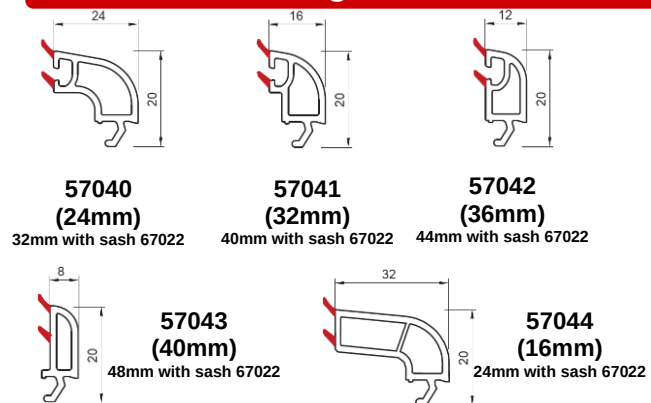


Premium 70mm & 80mm

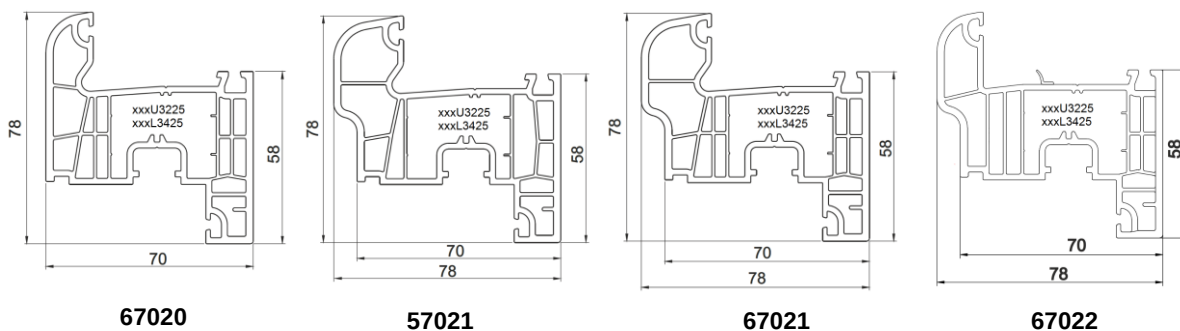
Frames



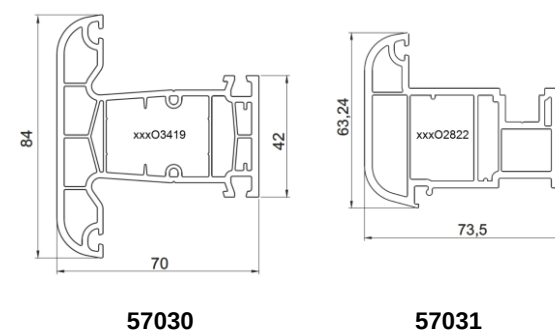
Glazing beads



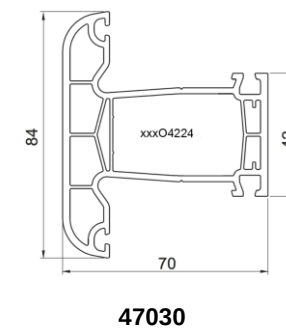
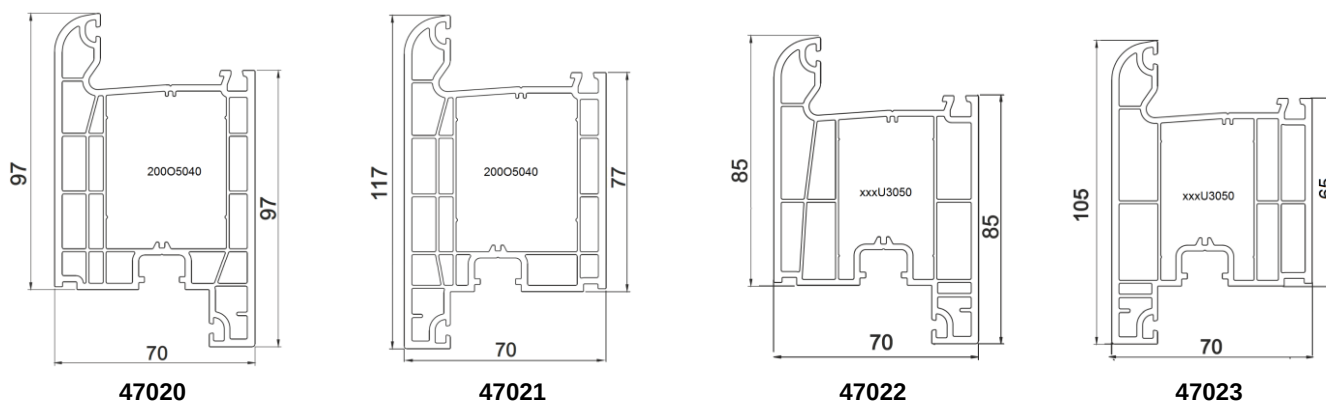
Window Sashes

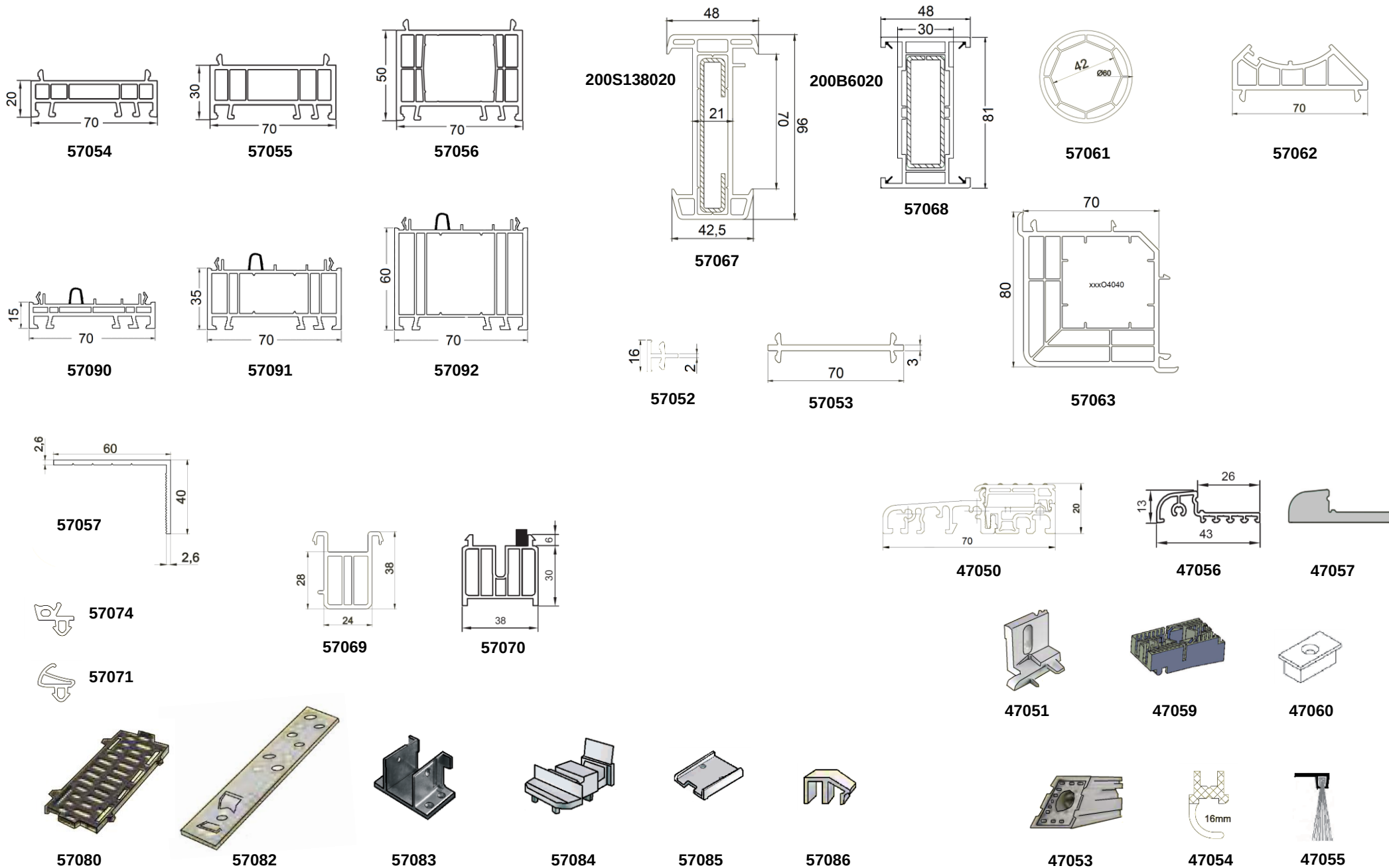


Other Main Profiles

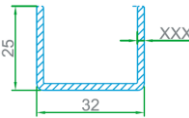
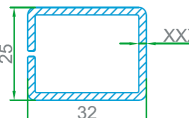
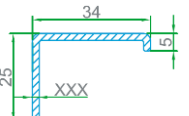
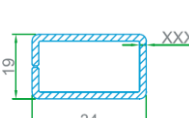
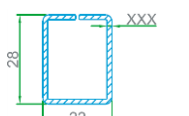
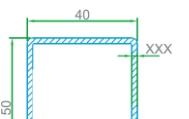


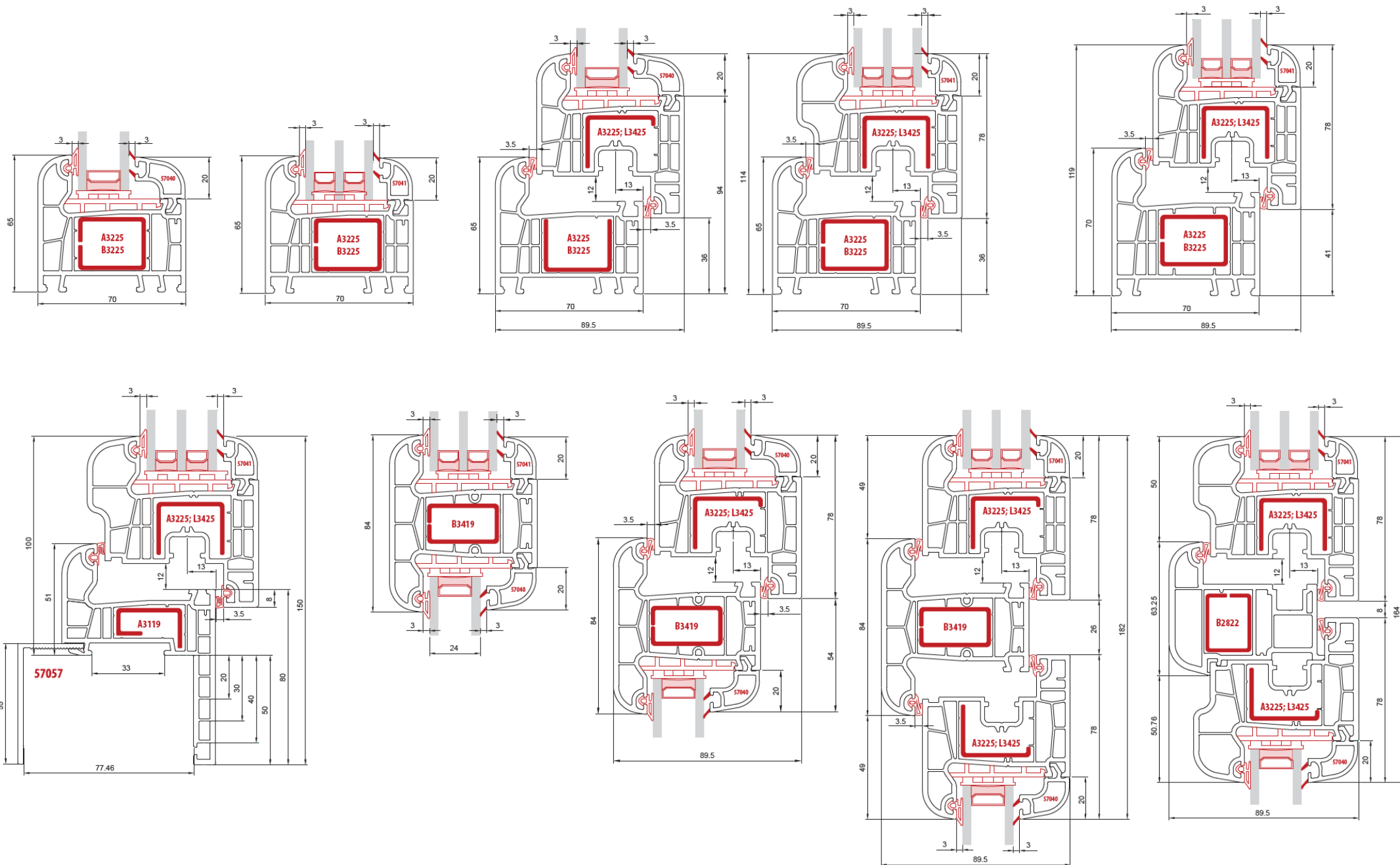
Door Sashes

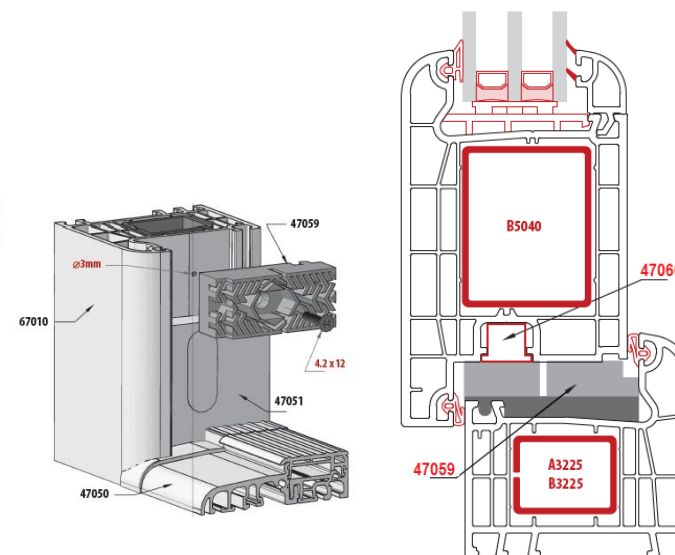
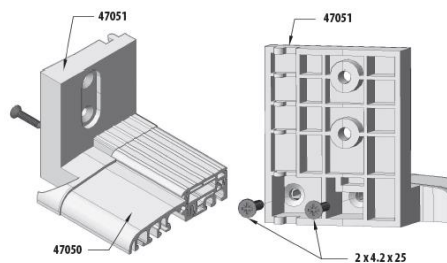
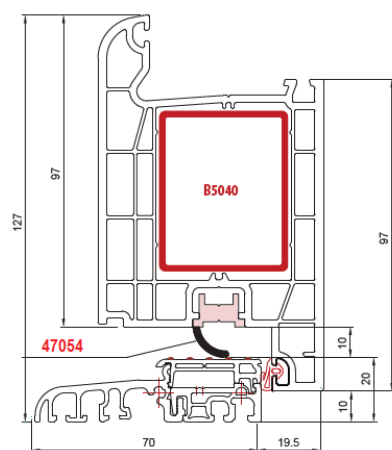
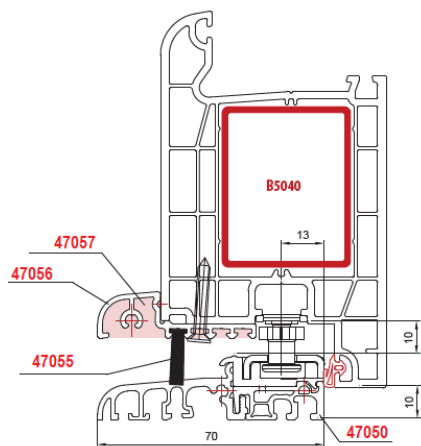
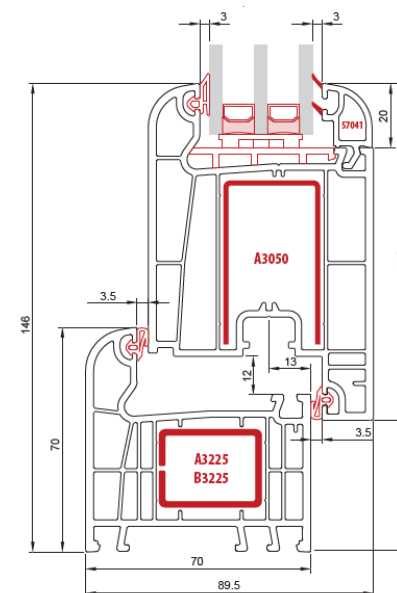
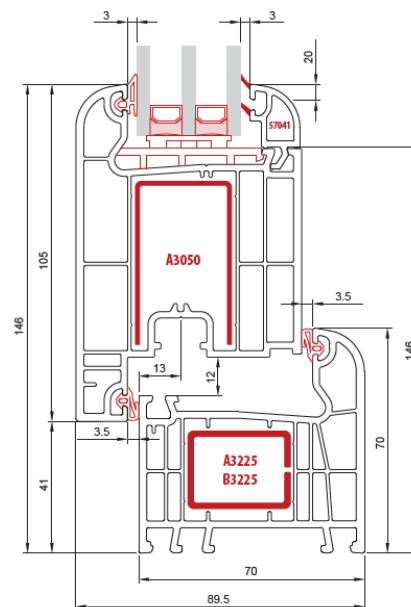
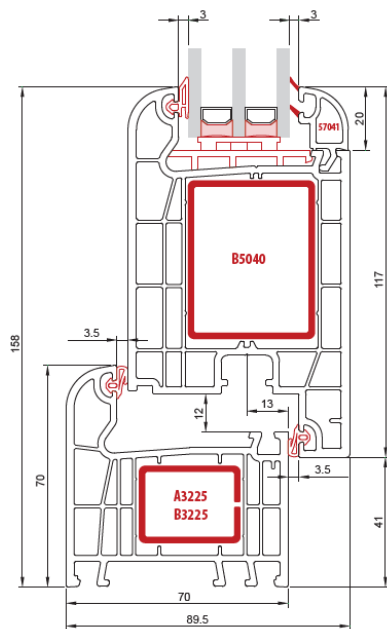
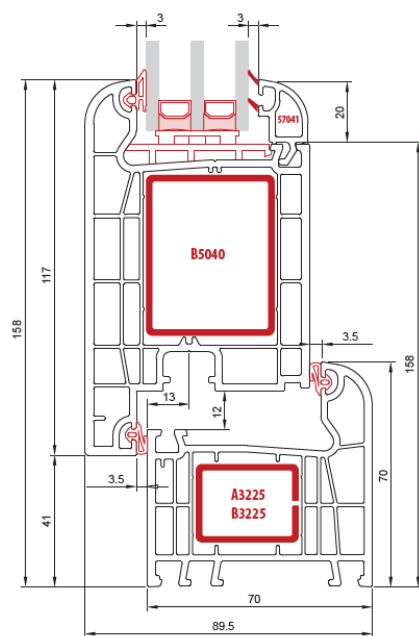


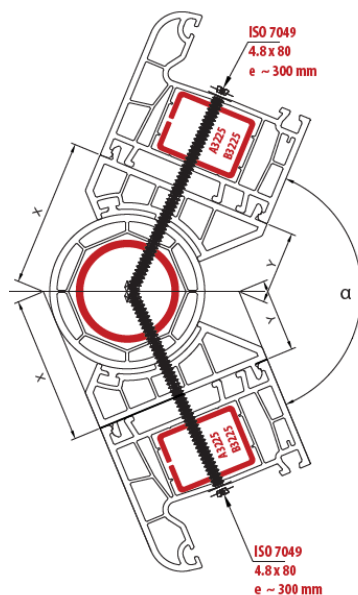
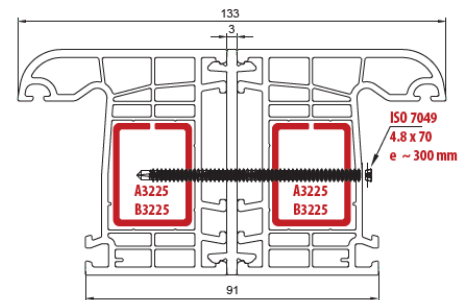
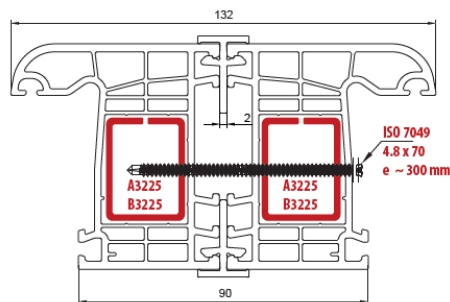
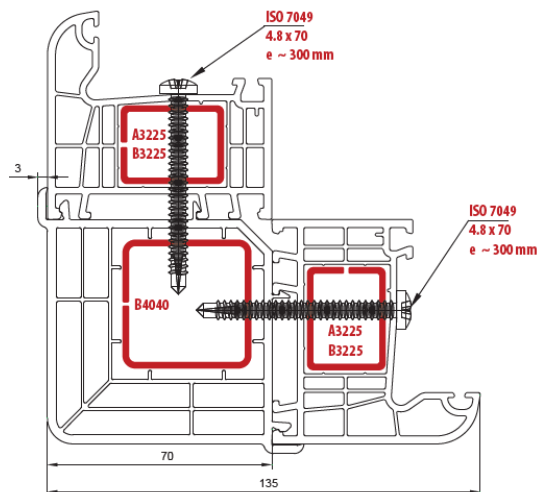


Reinforcement

					Frames			Sashes			Door Sashes				Other profiles		
					57010	67010	67011	57020	67020	57021	67021	47020	47021	47022	47023	57030	57031
	Code	x[mm]	lx[cm ⁴]	ly[cm ⁴]	X	X	X	X	X	X							
	200U3225	2.00	2.5748	0.9811													
	175U3225	1.75	2.2972	0.8702													
	150U3225	1.50	2.0061	0.7556													
	120U3225	1.20	1.7013	0.6373													
	Code	x[mm]	lx[cm ⁴]	ly[cm ⁴]	X	X	X										
	200O3225	2.00	2.8357	1.9581													
	175O3225	1.75	2.5360	1.7587													
	150O3225	1.50	2.2202	1.5459													
	120O3225	1.20	1.8661	1.3192													
	Code	x[mm]	lx[cm ⁴]	ly[cm ⁴]				X	X	X	X						
	250L3425	2.50	1.8704	0.7648													
	200L3425	2.00	1.5934	0.6314													
	175L3425	1.75	1.4381	0.5612													
	150L3425	1.50	1.2815	0.4896													
	Code	x[mm]	lx[cm ⁴]	ly[cm ⁴]										X			
	200O3419	2.00	2.7280	1.0719													
	175O3419	1.75	2.4626	0.9755													
	150O3419	1.50	2.1962	0.8752													
	120O3419	1.20	1.9071	0.7288													
	Code	x[mm]	lx[cm ⁴]	ly[cm ⁴]											X		
	250O2228	2.50	1.5060	2.1970													
	200O2228	2.00	1.2815	1.8542													
	175O2228	1.75	1.1553	1.6644													
	150O2228	1.50	1.0191	1.4627													
	Code	x[mm]	lx[cm ⁴]	ly[cm ⁴]							X	X					
	300O4050	3.00	12.1352	17.2512													
	250O4050	2.50	10.4685	14.8285													
	200O4050	2.00	8.6573	12.1541													







$$X = 45 + \frac{30}{\tan(\alpha/2)}$$

$$Y = 45 - \frac{30}{\tan(\alpha/2)}$$

Zakładany kąt	Wymiary zewnętrzne	
α	X (mm)	Y (mm)
90	75,0	15,0
95	72,5	17,5
100	70,2	19,8
105	68,0	22,0
110	66,0	24,0
115	64,1	25,9
120	62,3	27,7
125	60,6	29,4
130	59,0	31,0
135	57,4	32,6
140	55,9	34,1
145	54,5	35,5
150	53,0	37,0
155	51,7	38,3
160	50,3	39,7
165	48,9	41,1
170	47,6	42,4
175	46,3	43,7
180	45,0	45,0

