



m
alunobre

www.alunobre.ind.br | (34) 3228-6700

Revisão 2024



A Alunobre está no mercado de perfis de alumínio extrudados, desde 2002, com uma moderna estrutura de fabricação e distribuição. São mais de 400 tipos de extrusão de perfis de alumínio para as mais diversas aplicações. Equipamentos modernos voltados à produção e desenvolvimento de moldes, aliados com profissionais especializados para atuar em projetos personalizados, resultando em desenvolvimento de perfis de altas qualidade e performance.

O cuidado com os seus produtos vai desde a embalagem até a entrega final, esta é a diferença. A Alunobre leva seu produto utilizando uma moderna frota de caminhões, equipados para servi-lo com qualidade e agilidade, garantindo a rastreabilidade do ponto de partida, até o destino final. Uma empresa estrategicamente sediada no centro do Brasil, na cidade de Uberlândia-MG, um dos maiores polos de logística do país. Consulte as rotas de entregas.



PRODUTOS



Perfis de alumínio alta performance para a produção de esquadrias, proporcionando beleza, alta durabilidade, resistência e leveza.



A Alunobre possui equipe técnica capacitada para o desenvolvimento de projetos específicos de acordo com a sua necessidade.



Kit box de fácil montagem projetado e produzido, com várias opções de acabamento com beleza, qualidade e segurança.



Disponibilizamos e projetamos diversos perfis, para o mercado mobiliário. Soluções práticas, leves, resistentes e de excelente acabamento.



Extrudamos e desenvolvemos perfis para o setor elétrico, indústria de produção de bens de consumo, transportes e utensílios variados.



Perfis para o segmento outdoor design, levando qualidade e sofisticação para móveis e acessórios de alta decoração.

ANOTAÇÕES

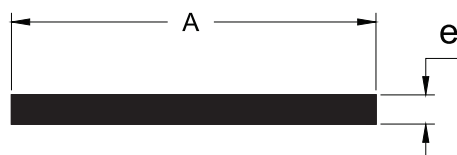
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Cód.	Ref.	Gramatura	Pg.	Cód.	Ref.	Gramatura	Pg.
Box Frisado 14				Temperado 10mm			
A087	-	0,290	17	AL-01	-	1,151	29
I154	-	0,211	17	AL-02	-	0,320	29
E256	-	0,240	17	AL-05	-	0,399	29
Y310	-	0,210	17	AL-06	-	0,285	29
Y311	-	0,215	17	AL-10	-	0,177	29
U652	-	0,165	17	AL-12	-	0,135	29
U653	-	0,180	18	AL-13	-	0,105	30
U654	-	0,154	18	AL-16	-	0,116	30
U655	-	0,485	18	AL-17	-	0,290	30
Kit Box				AL-18	-	0,512	30
ALK-01	-	0,055	19	AL-51	-	0,644	30
ALK-02	-	0,530	19	AL-52	-	0,225	30
ALK-03	-	0,169	19	Linha 23			
ALK-04	-	0,252	19	23008	-	0,235	31
ALK-05	-	0,138	19	23018	-	0,185	31
ALK-04B	-	0,310	19	23020	-	0,249	31
ALQ004	-	0,270	20	23022	-	0,217	31
ALQ002	-	0,490	20	BG-025	-	0,091	31
Brinde				DS-104	-	0,250	32
BRI001	-	1,000	21	DS-105	-	0,133	32
Energia Solar				DS-148A	-	0,204	32
ALB-040	-	0,491	22	Módulo Prático			
ES-001	-	1,244	22	MP-064A	-	0,405	33
ALB-041	-	0,319	22	MP-005A	-	0,480	33
ES-002	-	3,990	23	MP-008	-	0,408	33
ES-003	-	2,000	23	BG-035	-	0,120	33
ES-004	-	0,770	23	AMP-025	-	0,457	33
ES-005	-	0,400	24	AMP-202	-	0,369	34
ES-006	-	0,777	24	BG-202	-	0,126	34
ES-006-2	-	0,410	24	AMP-203	-	0,396	34
ES-007	-	0,311	24	AMP-300	-	0,330	34
ES-008	-	0,224	24	AMP-302	-	0,335	34
ES-011	-	0,330	24	AMP-303	-	0,474	34
Temperado 8mm				AMP-305	-	0,330	35
AL-15	-	0,146	25	AMP-309	-	0,419	35
AL-48	-	0,360	25	AMP-321	-	0,463	35
AL-49	-	0,539	25	AMP-346	-	0,445	35
AL-49L	-	0,382	25	AMP-347	-	0,184	35
AL-50	-	0,290	25	MM-014	-	0,181	35
AL-60	-	0,425	25	AMP-354	-	0,925	36
TX-060	-	0,054	26	AMP357PLUS	-	0,569	36
TX-061	-	0,143	26	AMP-357	-	0,616	36
TX-074	-	0,485	26	AMP-360	-	0,400	36
TX-075	-	0,230	26	AMP-360PLUS	-	0,515	36
TX-076	-	0,290	26	AMP-366	-	0,720	37
TX-076L	-	0,244	26	AMP-366PLUS	-	0,683	37
TX-108A	-	0,110	27	AMP-368	-	0,559	37
TX-109	-	0,136	27	AMP-368PLUS	-	0,683	38
ALB-15B	-	0,098	27	AMP-369	-	0,560	38
TX-044	-	0,194	28	AMP-369PLUS	-	0,539	38
TXB-051	-	0,598	28				
TXB-060	-	0,560	28				
TXB-061	-	0,234	28				

Cód.	Ref.	Gramatura	Pg.	Cód.	Ref.	Gramatura	Pg.
AMP-378	-	0,386	39	ALU-084	-	0,125	49
AMP-392	-	0,383	39	ALU-085	-	0,480	49
AMP-393	-	0,240	39	ALU-086	-	0,545	49
AMP-404	-	0,994	39	ALU-103	-	0,138	49
AMP-404PLUS	-	0,690	39	ALU-108	-	0,129	49
AMP-407	-	0,994	40	ALU-187	-	0,487	49
AMP-407PLUS	-	0,960	40	ALU-186	-	0,430	50
Linha Suprema				ALU-188	-	0,525	50
ALU-001	-	0,695	41	ALU-241	-	0,740	50
ALU-002	-	0,660	41	ALU-057	-	0,520	50
ALU-003	-	0,489	41	ALU-226	-	1,004	50
ALU-004	-	0,450	41	ALU-200	-	0,390	51
ALU-005	-	0,960	41	ALU-203	-	0,135	51
ALU-006	-	1,086	41	ALU-227	-	0,530	51
ALU-007	-	0,340	42	ALU-228	-	0,555	51
ALU-008	-	0,207	42	ALU-225	-	0,984	51
ALU-010	-	0,980	42	ALU-230	-	0,850	52
ALU-011	-	0,906	42	ALU-238	-	0,643	52
ALU-012	-	0,499	42	ALU-239	-	0,696	52
ALU-100B	-	0,499	43	ALU-055	-	0,490	52
ALU-191	-	0,470	43	ALU-056	-	0,480	52
ALU-192	-	0,481	43	ALU-291	-	0,220	53
ALU-242	-	0,771	43	ALU-292	-	0,176	53
ALU-243	-	0,735	43	ALU-1230	-	0,087	53
ALU-244	-	0,779	44	ALU-152	-	0,192	53
ALU-245	-	0,606	44	ALU-121	-	1,585	54
ALU-280	-	1,031	44	ALU-122	-	0,134	54
ALU-247	-	0,960	44	ALU-1230	-	0,761	54
ALU-281	-	1,065	44	Venezianas			
ALU-013	-	0,710	45	VNZ-006	-	0,286	55
ALU-014	-	0,609	45	VNZ-023	-	0,295	55
ALU-039	-	0,485	45	VNZ-024	-	0,255	55
ALU-040	-	0,435	45	VNZ-051	-	0,224	55
ALU-041	-	0,468	46	VNZ-081	-	0,245	56
ALU-042	-	0,507	46	VNZ-302	-	0,297	56
ALU-047	-	0,991	46	VNZ-060	-	0,397	56
ALU-049	-	0,956	46	Linha 25 Mod.Máx			
ALU-053	-	0,495	47	BG-001	-	0,089	57
ALU-068	-	0,480	47	ME-056	-	0,169	57
ALU-069	-	0,517	47	MN-375	-	0,336	57
ALU-279	-	0,570	47	MN-376	-	0,442	57
ALU-111	-	0,580	47	ME-013	-	0,216	57
TE-001	-	0,180	47	25-021	-	0,222	57
ALU-070	-	0,468	48	25-016	-	0,471	58
ALU-079	-	0,320	48	25-301	-	0,320	58
ALU-080	-	0,330	48	25-311	-	0,299	58
ALU-081	-	0,385	48	25-312	-	0,320	58
ALU-082	-	0,343	48	25-540	-	0,515	58
ALU-083	-	0,135	48	25-542	-	0,620	58
				25-545	-	0,498	59
				25-548	-	0,260	59
				25-508	-	0,610	59

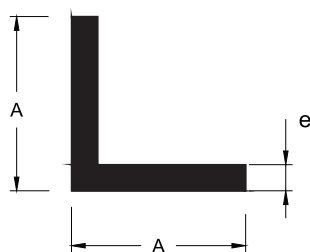
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25-001	-	0,275	59	DV-042	-	0,410	69
25-002	-	0,300	59	DV-043	-	0,559	69
Linha 30				DV-044	-	0,222	69
30-023	-	0,545	60	PX-001	-	0,420	70
30-025	-	0,685	60	PX-002	-	0,456	70
30-026	-	0,730	60	CR-003	-	0,683	70
30-034	-	0,255	60	BR-002	-	0,633	70
30-077	-	0,715	60	CR-009	-	0,920	70
BG-010	-	0,108	60	DES-201	-	0,210	70
30-082	-	1,097	61	NBE-044	-	0,442	71
30-079	-	0,750	61	DV-045	-	0,407	71
CL-06	-	1,120	62	NBE-047	-	0,468	71
CL-011	-	0,350	62	CR-004	-	0,505	71
CON2X2	-	0,778	62	CR-005	-	0,448	71
CL-009	-	1,411	62	DE-038	-	0,352	71
CL-010	-	0,396	62	ALB-047	-	0,286	72
CM-063	-	0,160	63	DV-050	-	0,457	72
CM-063P	-	0,240	63	DV-038	-	0,410	72
CM-151	-	0,360	63	Trilhos Colar			
CM-286	-	0,231	63	TE-005	-	0,126	73
CG-01	-	0,925	64	TE-004	-	0,160	73
CG-02	-	0,653	64	Linha Integrada			
CG-03	-	0,381	64	MN-002	-	0,669	74
CG-04	-	0,184	64	MN-007	-	0,710	74
CG-083	-	1,270	65	MN-015	-	0,815	74
ALB-074	-	0,436	65	MN-018	-	0,669	74
CG-074	-	0,236	65	MN-019	-	0,392	74
CG-077	-	0,783	65	MN-030	-	1,900	75
CG-075	-	0,503	65	MN-031	-	1,331	75
AX-071	-	0,682	65	MN-032	-	1,723	76
CG-083B	-	1,650	66	MN-039	-	1,400	76
CG-012	-	0,490	66	MN-034	-	0,146	77
CG-021	-	0,325	66	MN-038	-	0,872	77
CG-072	-	1,131	66	MN-003	-	1,037	77
U-990	-	0,712	67	MN-005	-	0,779	78
TC	-	0,450	67	MN-022	-	0,197	78
AL-68	-	0,950	67	MN-006	-	0,876	79
AL-68	-	1,643	67	MN-050	-	0,729	79
PU-990P	-	0,747	67	MN-001	-	1,373	80
Linha Moveleira				MN-055	-	0,372	80
DV-032	-	0,757	68	Linha Náutica			
DV-033	-	0,778	68	BAL-001	-	1,200	81
DV-034	-	0,703	68	ALB-045	-	0,760	81
DV-035	-	0,628	68	ALB-046	-	0,295	81
DV-036	-	0,598	68	ALB-046P	-	0,535	81
DV-037	-	0,520	68				
DV-039	-	0,630	69				
DV-040P	-	0,720	69				
DV-040	-	0,550	69				

Cód.	Ref.	Gramatura	Pg.	Cód.	Ref.	Gramatura	Pg.
Linha Toldos							
TCO-03T	-	1,094	82	LGM-003	-	0,799	93
CO-02T	-	0,791	82	LGM-004	-	0,705	94
CO-01	-	0,611	82	LGM-005	-	0,614	94
TLD-001	-	0,118	82	LGM-006	-	0,451	94
				Kit Pia			
Linha Gold				BX-001	-	0,319	95
LG-002	-	0,582	83	BX-002	-	0,149	95
LG-003	-	0,733	83	BX-003	-	0,269	95
LG-006	-	0,637	83	Lambris			
LG-007	-	1,141	84	GS-076	-	0,867	96
LG-017	-	0,100	84	GS-074	-	0,821	96
LG-018	-	1,540	84	ALB-0108	-	0,654	96
LG-020	-	1,119	84	ALB-0335	-	0,634	96
LG-021	-	1,733	84	ALB-1653	-	1,769	97
LG-026	-	0,167	85	Light Holder			
LG-027	-	0,151	85	AT-02	-	0,372	98
LG-028	-	0,424	85	AT-03B	-	0,350	98
LG-028A	-	0,436	85	PUE-001	-	0,370	98
ALG-035	-	1,200	85	PUE-002	-	0,400	98
ALG-034	-	1,212	85	TE-003	-	0,147	98
LG-043	-	0,930	86	TAL-002	-	0,822	98
LG-044	-	1,136	86	TAL-003	-	1,013	99
LG-047	-	1,134	86	TAL-004	-	0,900	99
LG-048	-	0,905	86	Linha 42			
LG-049	-	0,885	86	42-008	-	0,480	100
LG-050	-	0,819	87	42-012	-	0,890	100
LG-051	-	0,913	87	42-014	-	0,370	100
LG-052	-	1,669	87	42-035	-	1,035	100
LG-055	-	0,730	87	42-032	-	1,433	100
LG-058	-	0,756	87	42-173	-	1,507	101
LG-059	-	0,160	87	42-176	-	1,343	101
LG-062	-	1,730	88	Cortina de Vidro			
LG-066	-	1,518	88	ACV-213	-	0,552	102
LG-068	-	0,405	88	ACV-202	-	0,175	102
LG-070	-	2,273	89	ACV-203	-	0,976	102
LG-071	-	2,120	89	ACV-205	-	0,427	102
LG-072	-	1,250	89	ACV-206	-	0,422	102
LG-074	-	0,758	90	Fachada Atlanta			
LG-076	-	0,717	90	FA-200	-	1,959	103
LG-077	-	0,333	90	FA-211	-	0,998	103
LG-079	-	0,710	90	FA-223	-	2,038	104
LG-083	-	0,409	90	FA-208	-	0,688	104
LG-085	-	0,517	90	FA-228	-	0,569	105
LG-091	-	0,151	91	FA-230	-	0,781	105
LG-092	-	0,173	91	FA-232	-	0,605	105
LG-095	-	0,156	91	FA-245	-	0,745	105
ALG-100	-	1,012	91	FA-236	-	2,397	105
LG-124	-	0,773	91	FA-515	-	1,465	106
LG-158	-	0,828	92	PRE-0205	-	0,192	106
ALG-162	-	1,077	92				
BG-057	-	0,154	92				
TE-001	-	0,180	92				
JG-007	-	1,186	92				
LGM-001	-	1,429	93				
LGM-002	-	1,366	93				



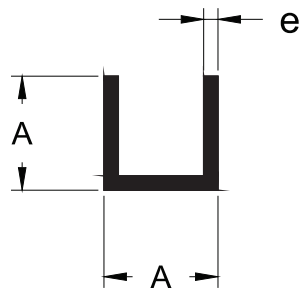
Barra Chata

Código	Ref.	MILÍMETROS		POLEGADAS		PESO
		A	E	A	E	
BC002	BCH	12,70	3,18	1/2	1/8	0,121
BC003	BCH12X2	12,70	2,00	1/2	-	0,065
BC016	BCH34X316	19,05	4,76	3/4	3/16	0,245
BC021	-	22,30	3,18	-	1/8	0,192
BC026	BCH1X3/6	25,40	4,76	1	3/16	0,328
BC032	BCH32X35	32,00	3,50	-	-	0,304
BC038	BCH32X10	32,00	10,00	-	-	0,867
BC050	BCH112X14	38,10	6,35	1 1/2	1/4	0,655
BC051	BC112X316	38,10	4,76	-	3/16	0,490
BC058	BCH50	50,00	4,00	1 1/2	-	0,550
BC059	BCH12X316	50,80	4,76	-	3/16	0,740
BC060	-	69,80	3,17	2	1/8	0,600
BC061	-	31,75	6,35	-	1/4	0,546
BC062	-	19,05	3,17	1 1/4	1/8	0,164
BC065	BCH2X38	50,80	9,53	2	3/8	1,312
BC074	BCH80	80,00	4,00	-	-	0,860



Cantoneiras de Abas Iguais

Código	Ref.	MILÍMETROS		POLEGADAS		PESO
		A	E	A	E	
CT001	CANT 1/2	12,70	1,00	1/2	-	0,076
CT005	CANT5/8X1	15,88	1,00	5/8	-	0,083
CT007	CANT3/4X1	19,05	1,00	3/4	-	0,115
CT013	CANT1X1	25,40	1,00	1	-	0,163
CT014	CANT1X1/8	25,40	3,17	1	1/8	0,400
CT015	-	31,75	3,17	1 1/4	1/8	0,508
CT016	-	25,40	1,59	1	1/16	0,232
CT023	CANT11/4	31,75	4,76	1 1/4	3/16	0,865
CT031	CANT50	50,80	3,18	2	1/8	0,900



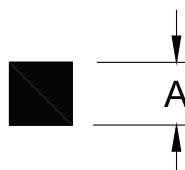
U de Abas Iguais

Código	Ref.	MILÍMETROS		POLEGADAS		PESO
		A	E	A	E	
PU001	BG3/8X1	9,53	1,00	3/8	-	0,072
PU002	BG12X116	12,70	1,59	1/2	1/16	0,147



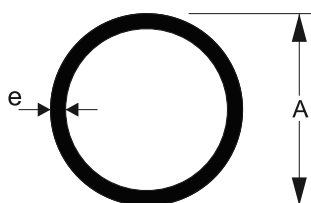
Vergalhão Redondo

Código	Ref.	MILÍMETROS	POLEGADAS	PESO
		A	A	
VR9	VR38	9,53	3/8	0,193
VR12	VR12	12,70	1/2	0,343
VR15	VR58	15,88	5/8	0,536
VR25	VR25	25,40	1	0,752



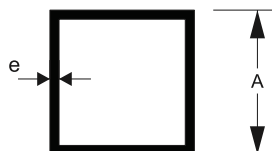
Vergalhão Quadrado

Código	Ref.	MILÍMETROS	POLEGADAS	PESO
		A	A	
VQ6	-	6,00	-	0,091



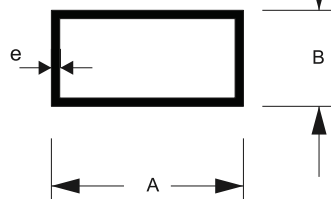
Tubo Redondo

Código	Ref.	MILÍMETROS		POLEGADAS		PESO
		A	E	A	E	
RDI	-	25,40	8,50	1	-	1,235
RDI002	-	30,00	10,85	1	3/16	1,769
RDI003	-	22,00	6,00	-	1/4	0,817
TR002	T3/8X1/16	9,53	1,59	3/8	1/16	0,116
TR004	T1/2X1/16	12,70	1,59	1/2	1/16	0,166
TR006	-	12,70	3,18	1/2	1/8	0,286
TR011	TB58X1	15,88	1,00	5/8	-	0,127
TR014	T5/8X1/16	15,88	1,59	5/8	1/16	0,210
TR020	T3/4X1/16	19,05	1,59	3/4	1/16	0,236
TR021	TB-20X2	20,00	2,00	-	-	0,360
TR031	TB7/8X0.85	22,20	0,85	7/8	-	0,154
TR033	TB7/8X0.90	22,20	0,90	7/8	-	0,161
TR035	TB78/116	22,23	1,59	7/8	1/16	0,286
TR037	TB7/8X1.2	22,20	1,20	7/8	-	0,210
TR034	TB7/8X1	22,23	1,00	7/8	-	0,180
TR036	TB7/8X2	22,23	2,00	7/8	-	0,365
TR039	TBRED1X1	25,40	1,00	1	-	0,208
TR040	TB1X1/16	25,40	1,59	1	1/16	0,315
TR041	TBRED1X2	25,40	2,00	1	-	0,409
TR032	-	31,75	3,18	1 1/4	1/8	0,687
TB11/4X1	-	31,75	1,00	1 1/4	-	0,233
TR046	-	31,75	2,00	1 1/4	-	0,506
TR043	-	44,30	1,50	-	-	0,546
TR097	Ax072	50,80	1,00	2	-	0,467



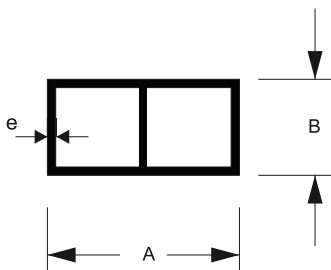
Tubo Quadrado

Código	Ref.	MILÍMETROS		POLEGADAS		PESO
		A	E	A	E	
TQ003	-	15,88	0,80	5/8	-	0,131
TQ005	TQ4003	19,05	1,20	3/4	-	0,270
TQ009	-	25,40	1,00	1	-	0,310
TQ009P	-	25,40	2,00	1	-	0,467
TQ013	-	30,00	2,00	-	-	0,550
TQ014	TB4014	38,10	1,00	1 1/2	-	0,630
TQ016	TB4020	50,80	1,00	2	-	0,625
TQ017	TB4020PES	50,80	1,80	2	-	0,956



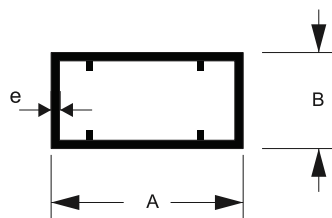
Tubo Retangular

Código	Ref.	MILÍMETROS			POLEGADAS			PESO
		A	B	E	A	B	E	
RL01	-	50,80	25,40	0,90	2	1	-	0,380
TG004	TB4501	50,80	12,70	1,20	2	1/2	-	0,488
TG071	TB4599	101,60	50,80	1,30	4	2	-	1,330
TG072	TB4599PES	101,60	50,80	1,20	4	2	-	1,608
TG074	TG074	25,40	12,70	1,20	1	1/2	-	0,249
TG046	-	30,00	20,00	2,00	-	-	-	0,500



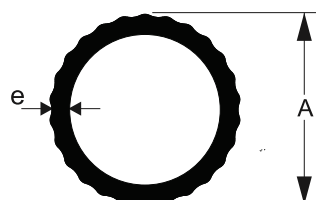
Tubo Retangular Bi-Partido

Código	Ref.	MILÍMETROS			POLEGADAS			PESO
		A	B	E	A	B	E	
RB001	-	50,80	25,40	1,00	2	1	-	0,365



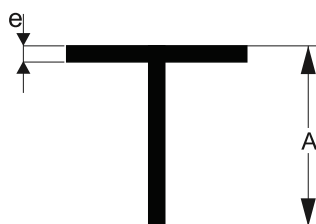
Tubo Retangular Frisado

Código	Ref.	MILÍMETROS			POLEGADAS			PESO
		A	B	E	A	B	E	
D067	-	50,80	25,40	1,10	2	1	-	0,420
D068	-	50,80	25,40	1,50	2	1	-	0,715
D068PES	-	50,80	25,40	2,00	2	1	-	0,750
D069	-	76,20	38,10	1,10	3	1 1/2	-	0,760
D069PES	-	76,20	38,20	1,50	3	1 1/2	-	0,946
PC004	-	50,80	38,20	0,90	2	1 1/2	-	0,500



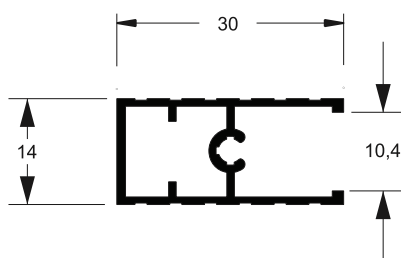
Tubo Redondo Frisado

Código	Ref.	MILÍMETROS		POLEGADAS		PESO
		A	E	A	E	
ALB0055	-	22,22	0,90	7/8	-	0,112



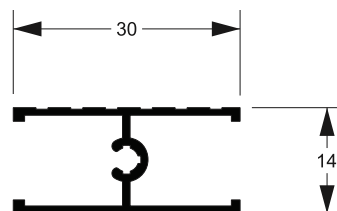
Tubo Redondo Frisado

Código	Ref.	MILÍMETROS		POLEGADAS		PESO
		A	E	A	E	
T01	-	50,80	3,17	2	1/8	0,845
T02	-	38,10	3,17	1 1/2	1/8	0,627
T03	-	31,75	3,17	1 1/4	1/8	0,518
T04	-	25,40	1	1	-	0,134



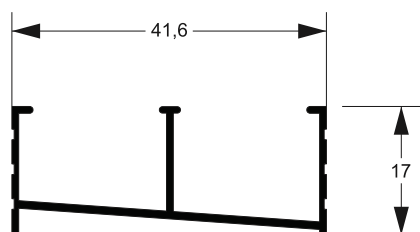
A087

PESO: 0,290



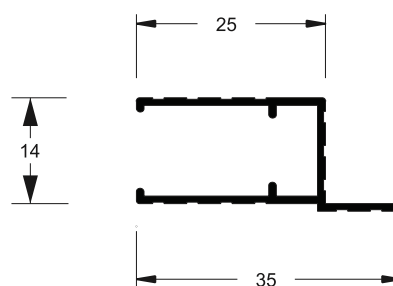
I154

PESO: 0,211



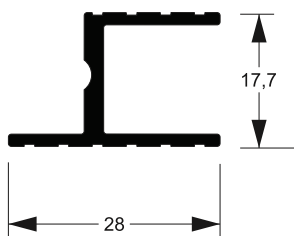
E256

PESO: 0,240



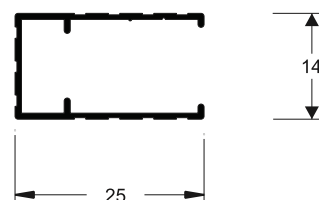
Y310

PESO: 0,210



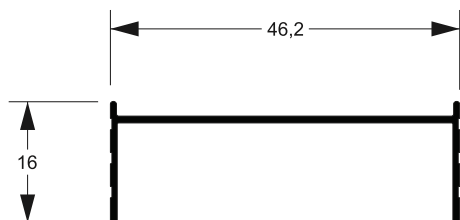
Y311

PESO: 0,215



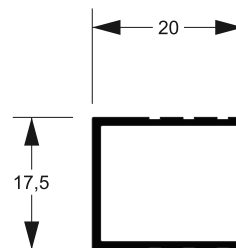
U652

PESO: 0,165



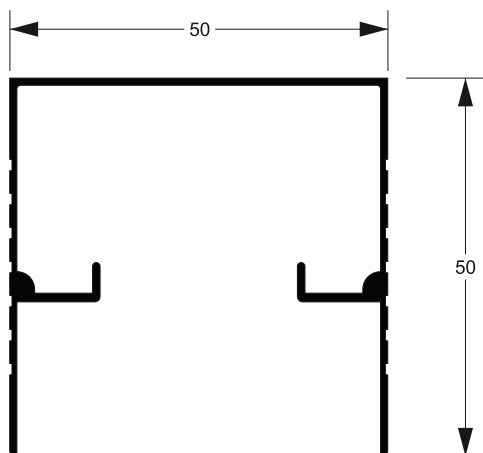
U653

PESO: 0,180



U654

PESO: 0,154



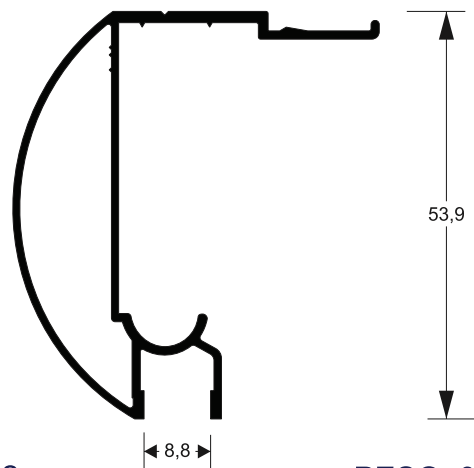
U655

PESO: 0,485



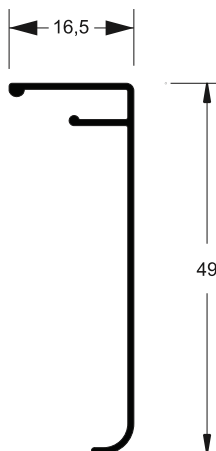
ALK-01

PESO: 0,055



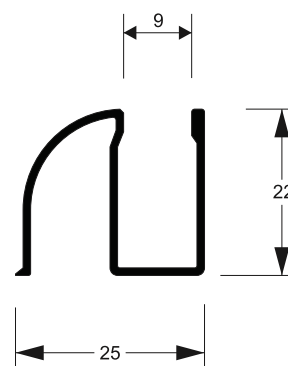
ALK-02

PESO: 0,530



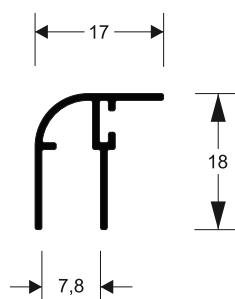
ALK-03

PESO: 0,169



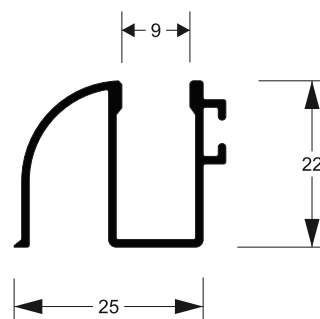
ALK-04

PESO: 0,258



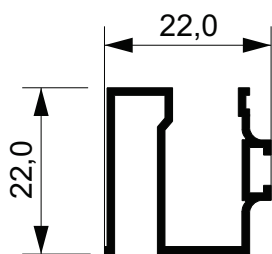
ALK-05

PESO: 0,138



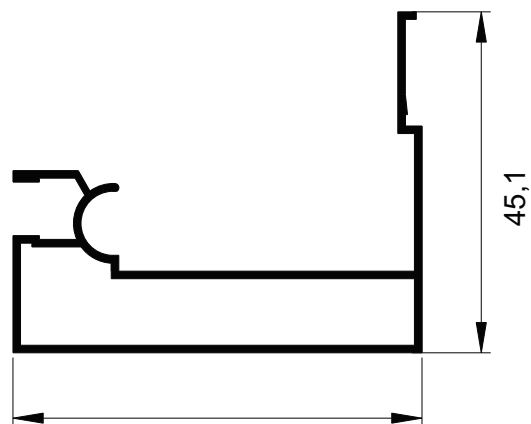
ALK-04 B

PESO: 0,310



ALQ-004

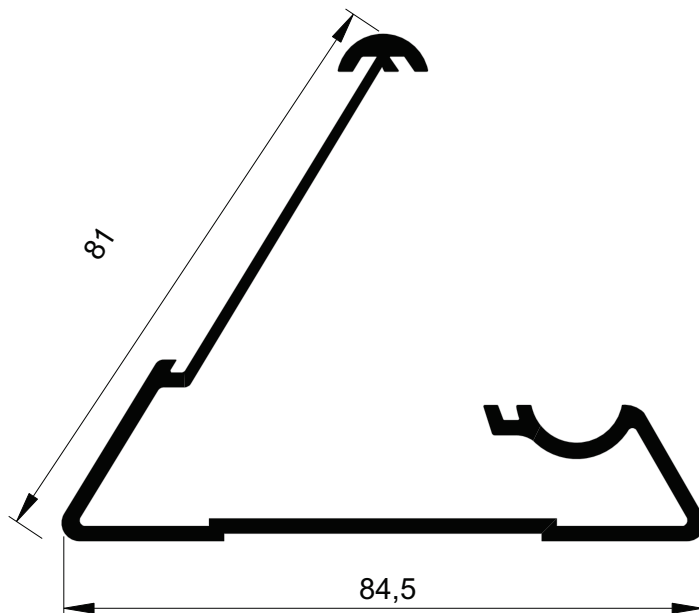
PESO:0,270



ALQ-002

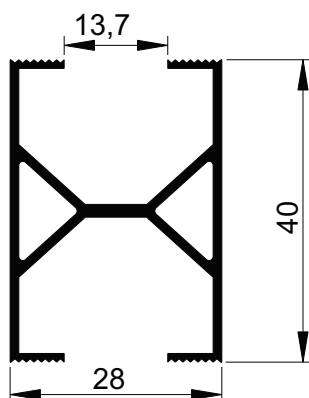
54,1

PESO:0,490



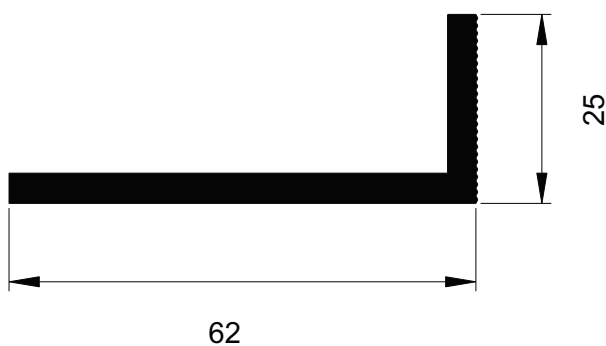
BRI-001

PESO:1,000



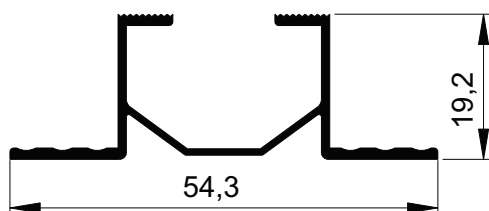
ALB-040

PESO:0,491



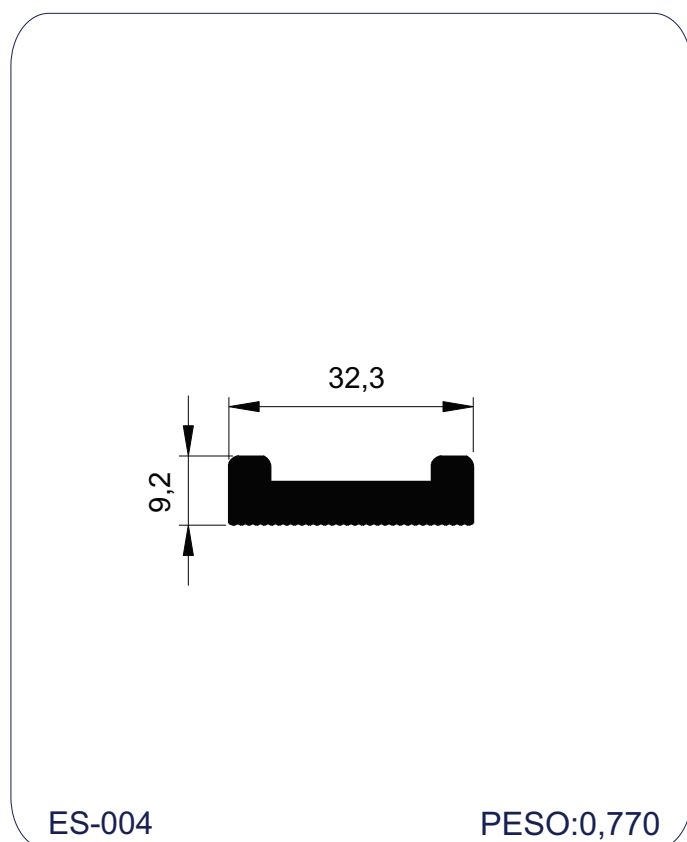
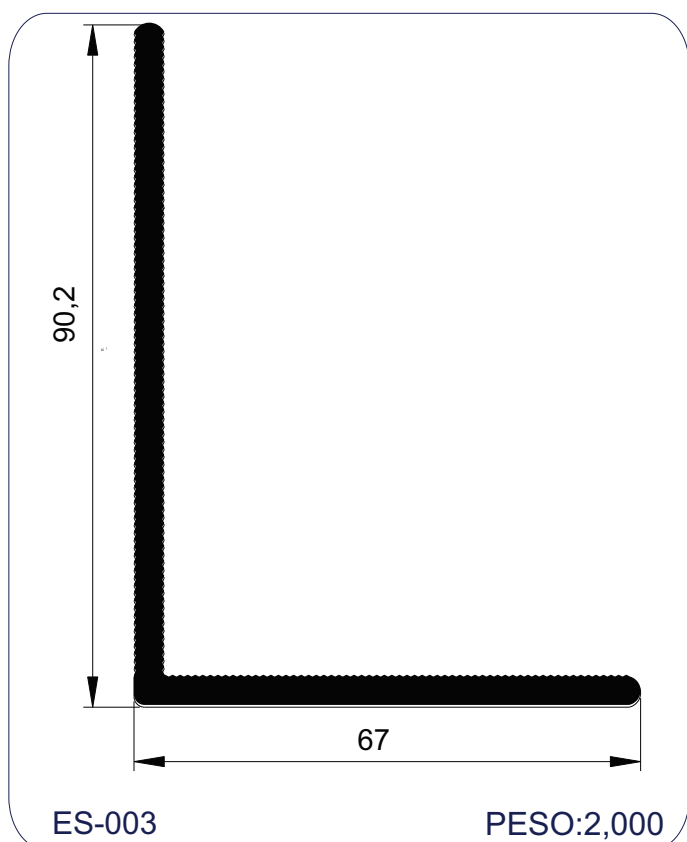
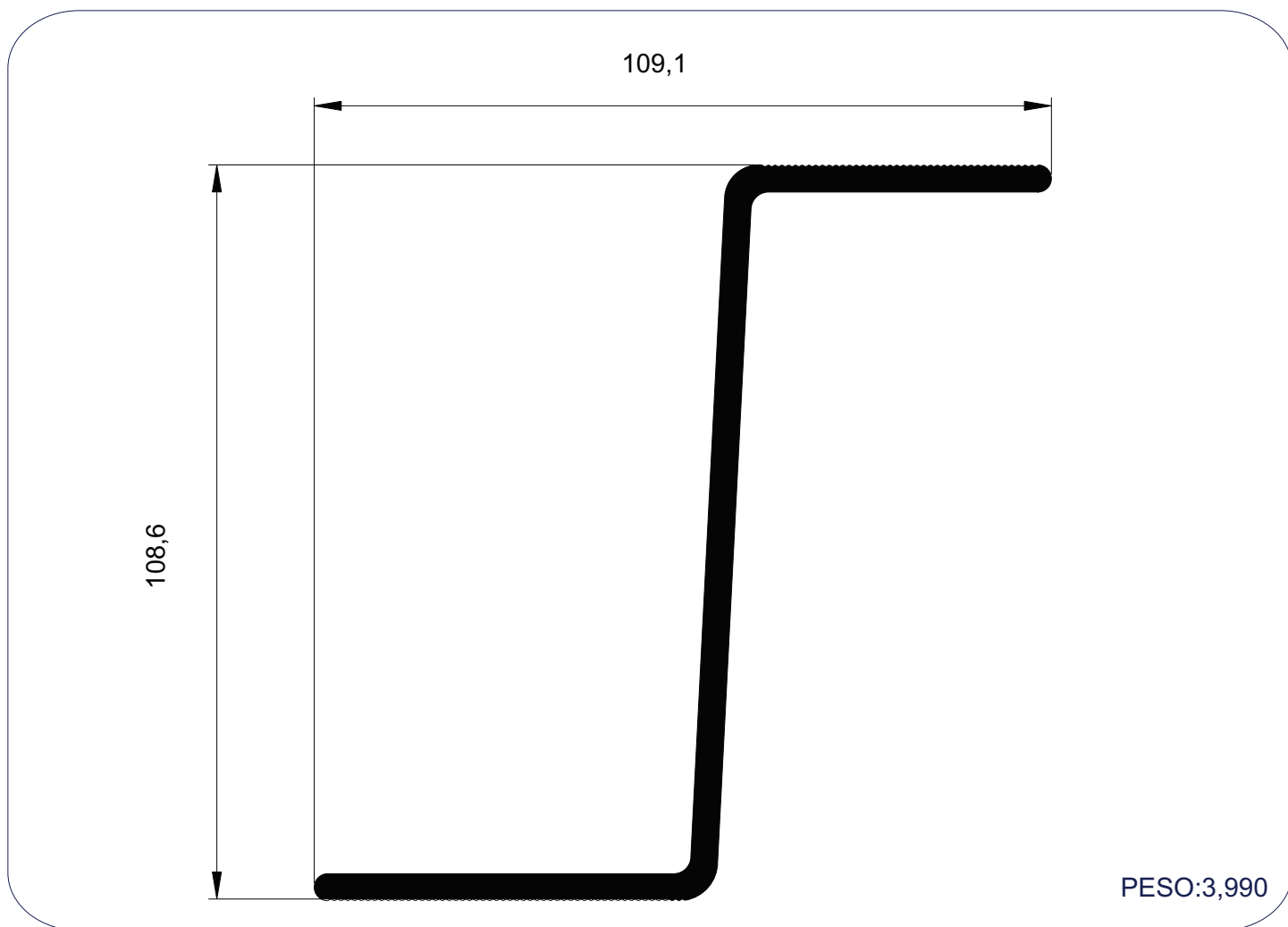
ES-001

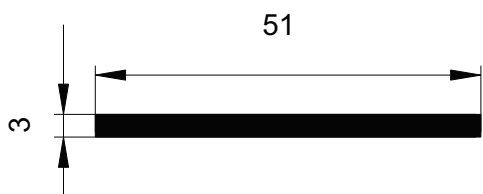
PESO:1,244



ALB-041

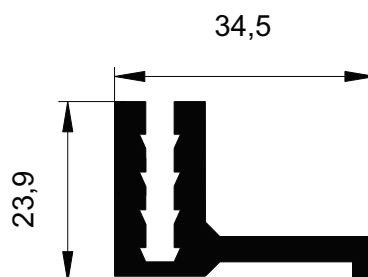
PESO:0,319





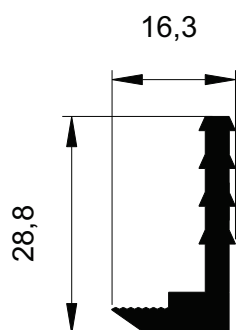
ES-005

PESO:0,400



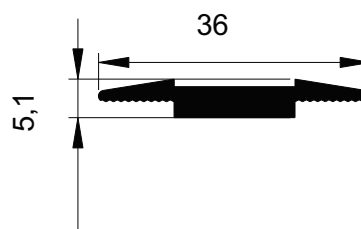
ES-006

PESO:0,777



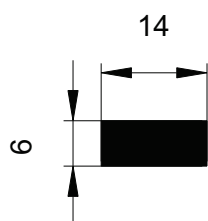
ES-006-2

PESO:0,410



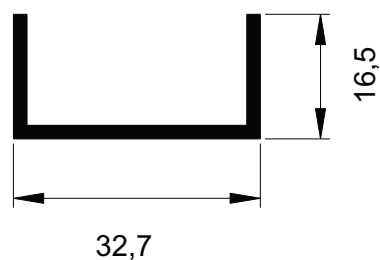
ES-007

PESO:0,311



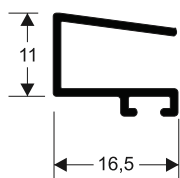
ES-008

PESO:0,224



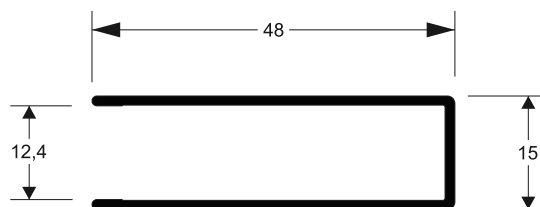
ES-011

PESO:0,330



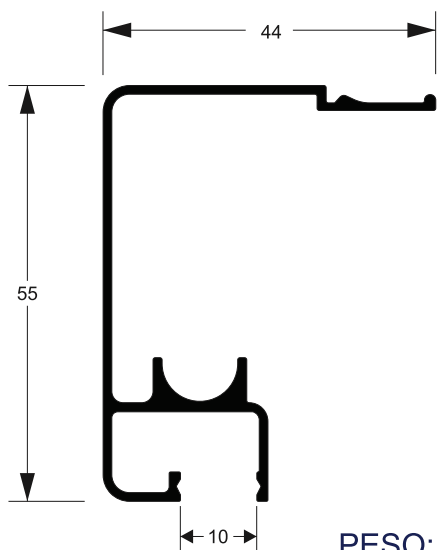
AL15

PESO: 0,146



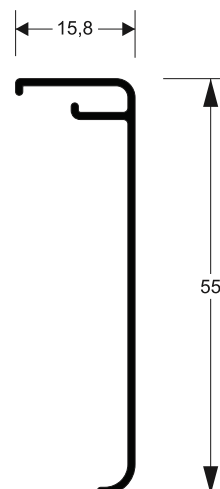
AL48

PESO: 0,360



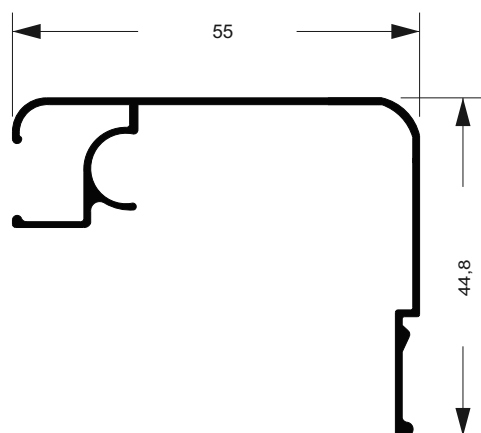
AL49

PESO: 0,539



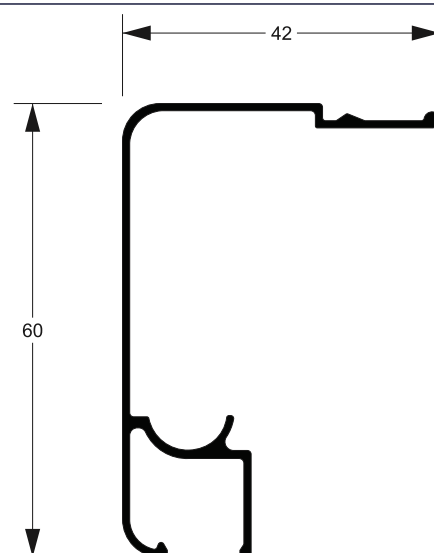
AL50

PESO: 0,290



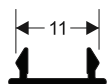
AL49L

Peso:0,382



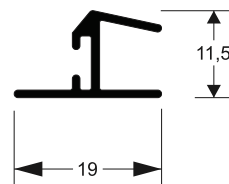
AL60

PESO: 0,425



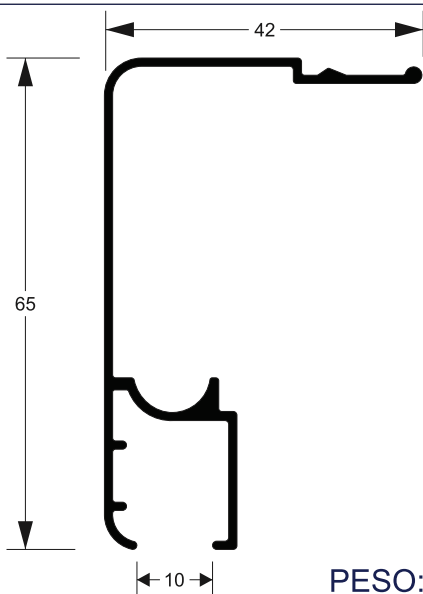
TX060

PESO: 0,054



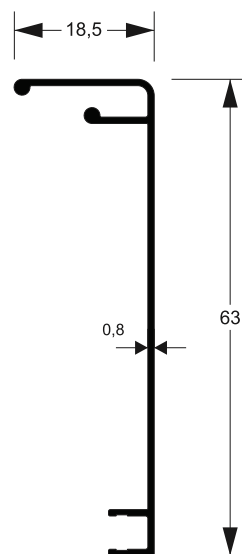
TX061

PESO: 0,143



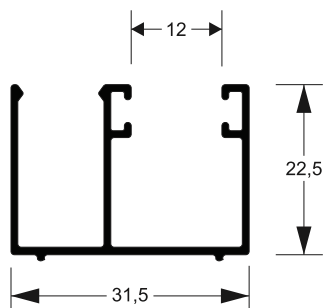
TX074

PESO: 0,488



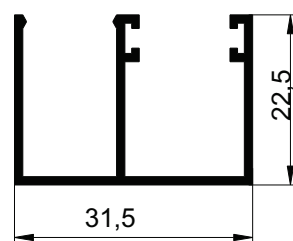
TX075

PESO: 0,230



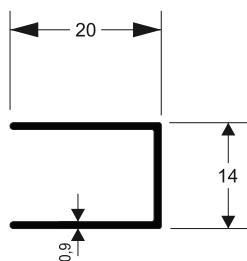
TX076

PESO: 0,290



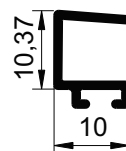
TX076L

PESO: 0,244



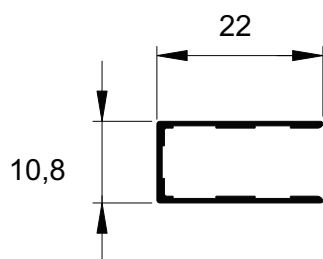
TX109

PESO: 0,135



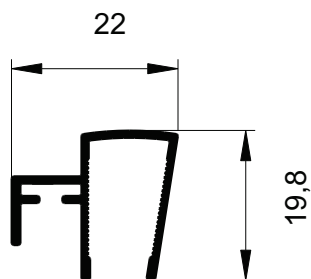
ALB15B

PESO:0,098



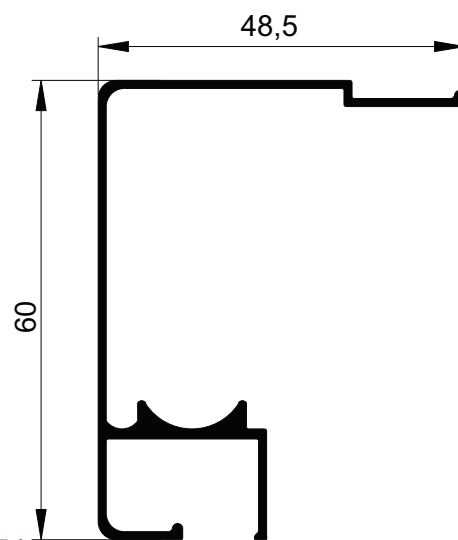
TX-108A

PESO:0,110



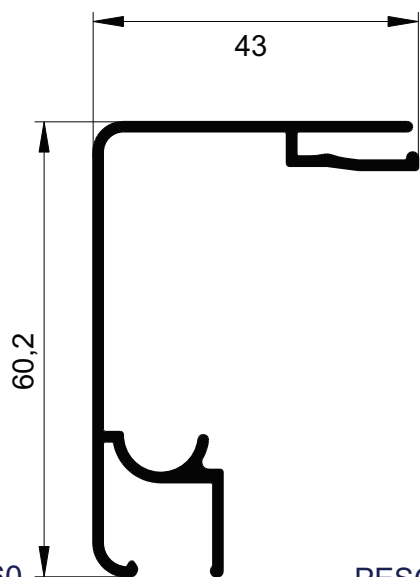
TX-044

PESO:0,194



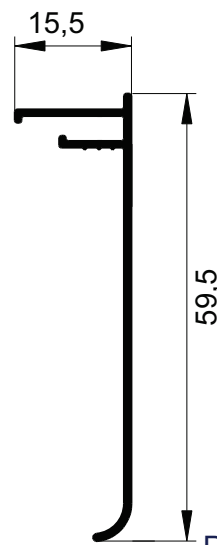
TXB-051

PESO:0,598



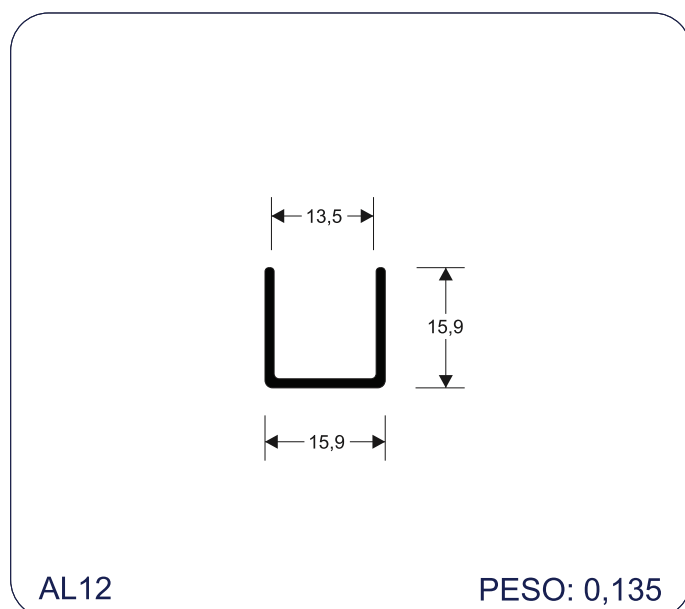
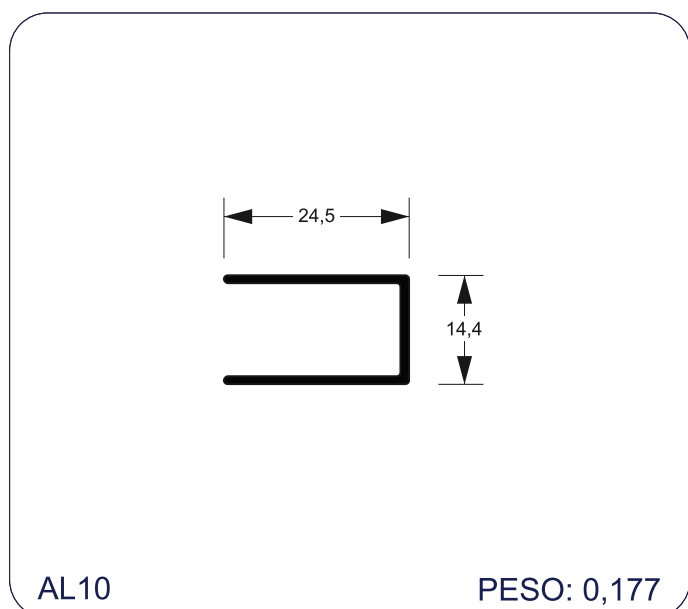
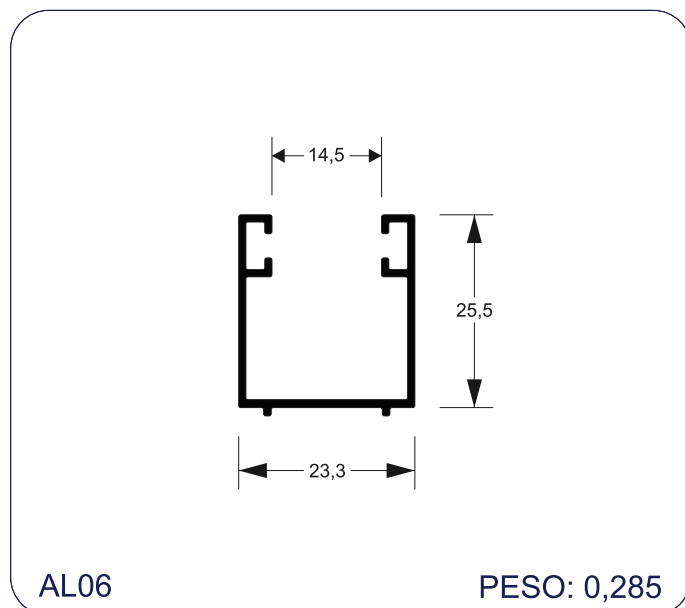
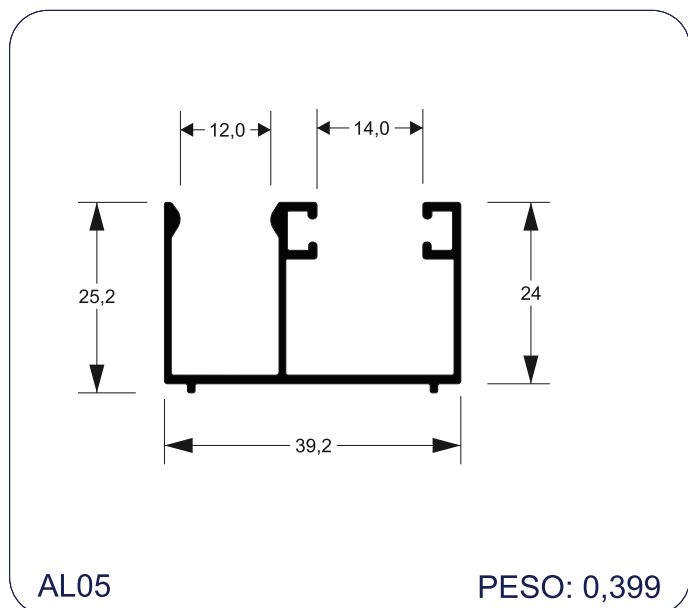
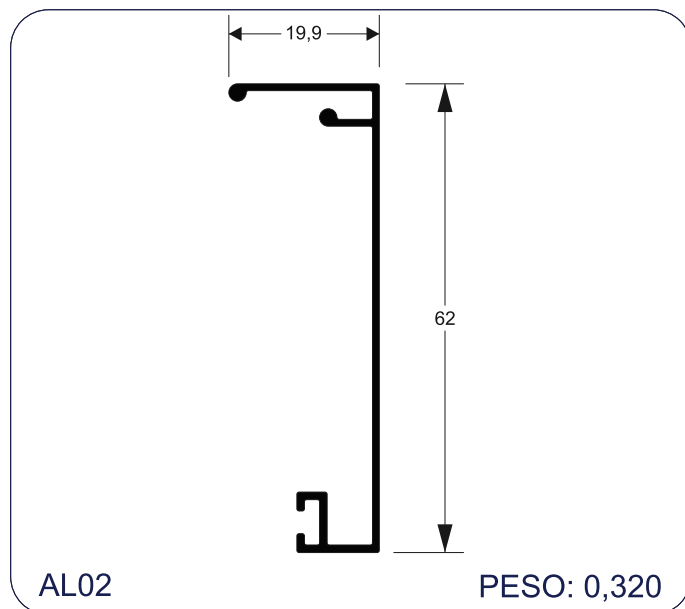
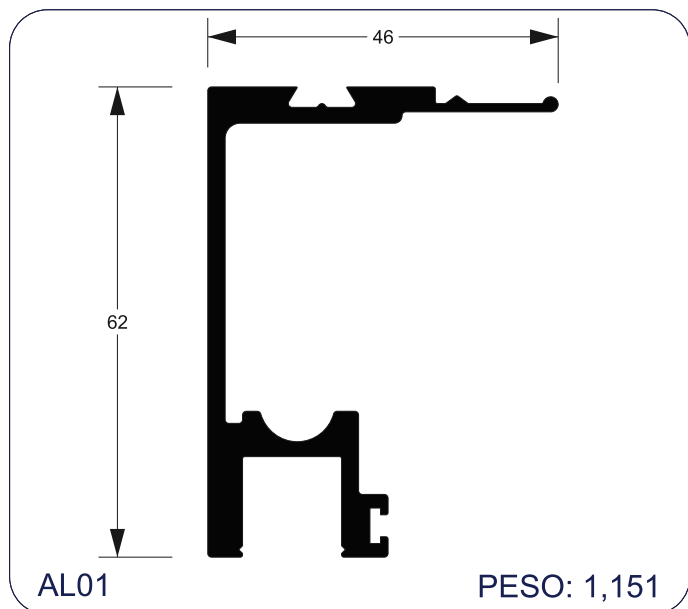
TXB-060

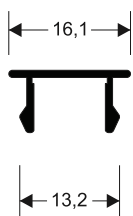
PESO:0,560



TXB-061

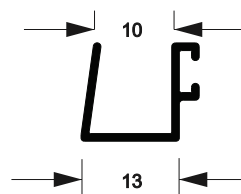
PESO:0,234





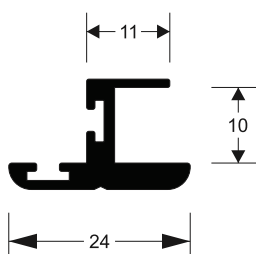
AL13

PESO: 0,105



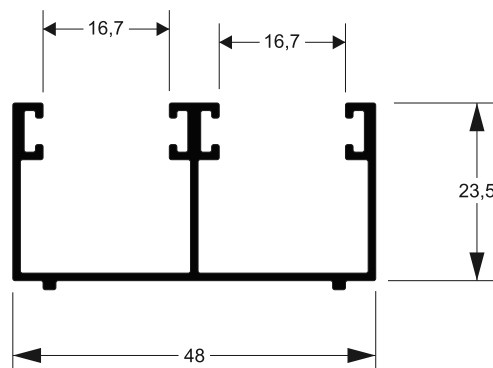
AL16

PESO: 0,116



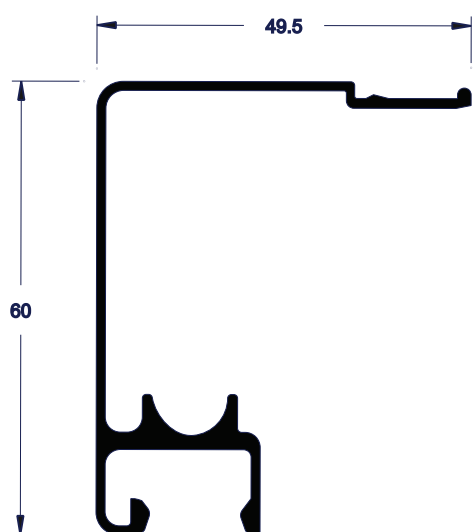
AL17

PESO: 0,290



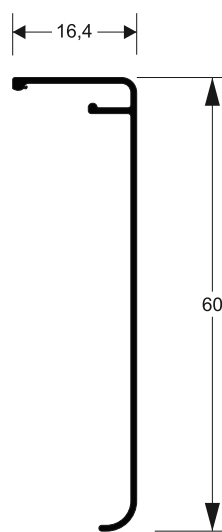
AL18

PESO: 0,512



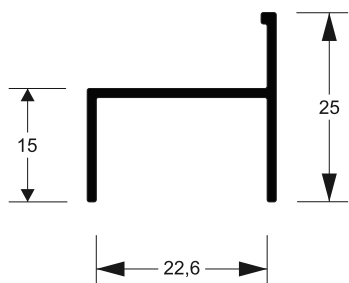
AL51

PESO: 0,644



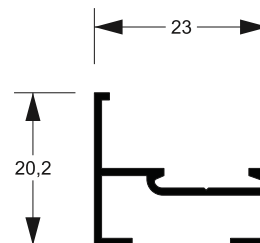
AL52

PESO: 0,225



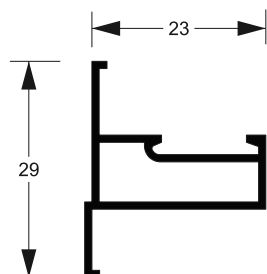
23008

PESO: 0,235



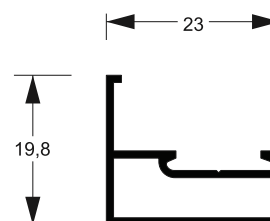
23018

PESO: 0,185



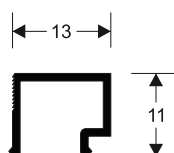
23020

PESO: 0,249



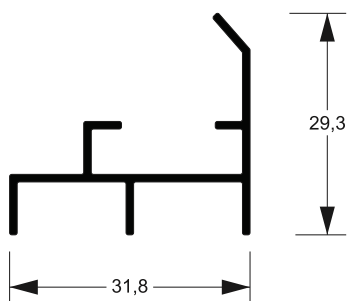
23022

PESO: 0,217



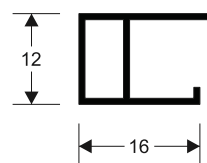
BG025

PESO: 0,091



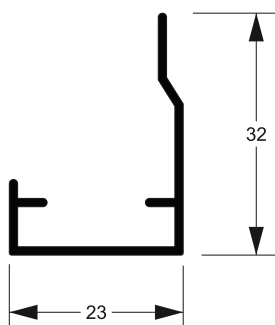
DS104

PESO: 0,250



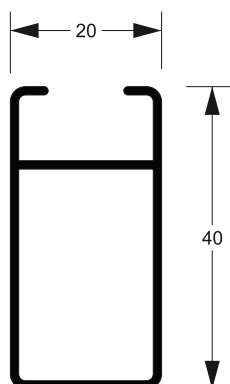
DS105

PESO: 0,133



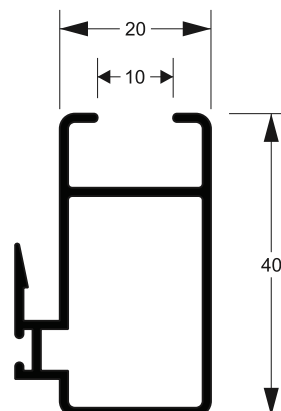
DS148

PESO: 0,204



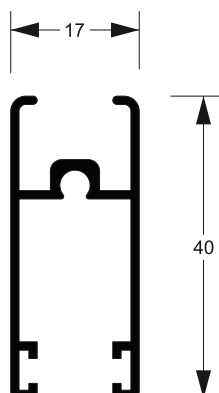
AMP004

PESO: 0,405



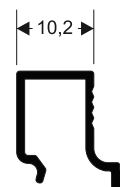
AMP005

PESO: 0,480



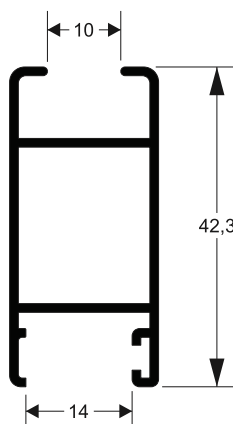
AMP008

PESO: 0,408



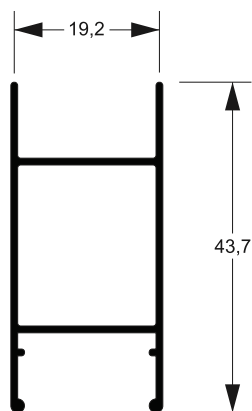
BG035

PESO: 0,120



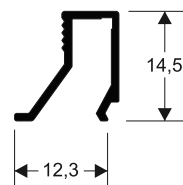
AMP025

PESO: 0,457



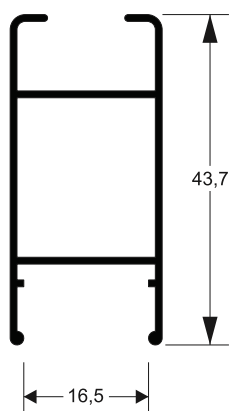
AMP202

PESO: 0,369



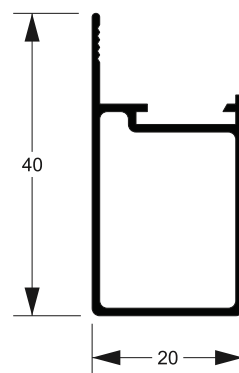
BG202

PESO: 0,126



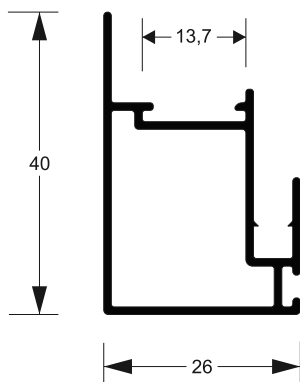
AMP203

PESO: 0,396



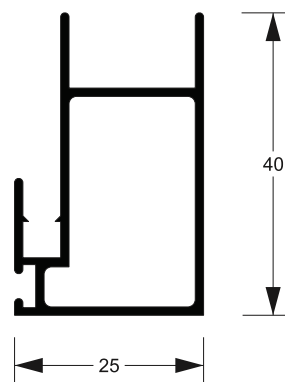
AMP300

PESO: 0,330



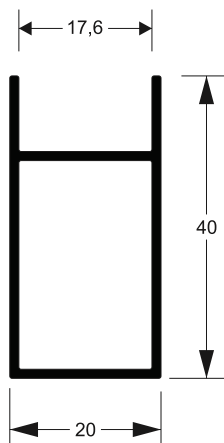
AMP302

PESO: 0,335



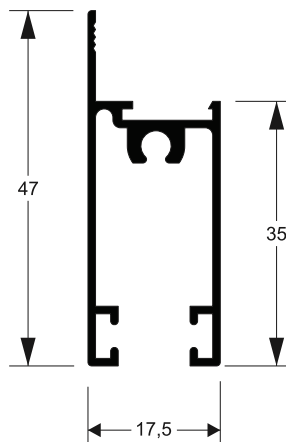
AMP303

PESO: 0,474



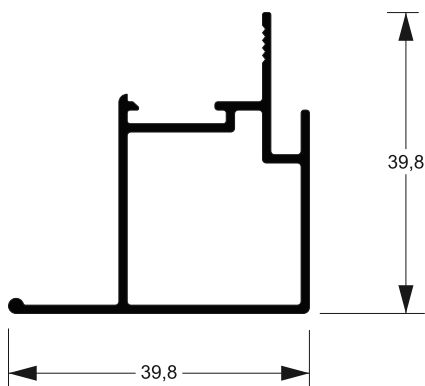
AMP305

PESO: 0,330



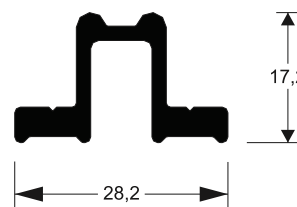
AMP309

PESO: 0,419



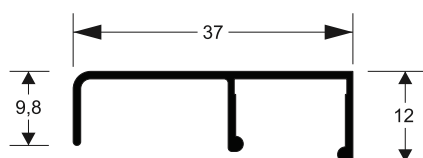
AMP321

PESO: 0,463



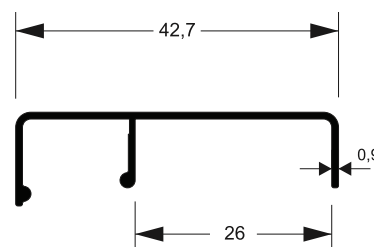
AMP346

PESO: 0,445



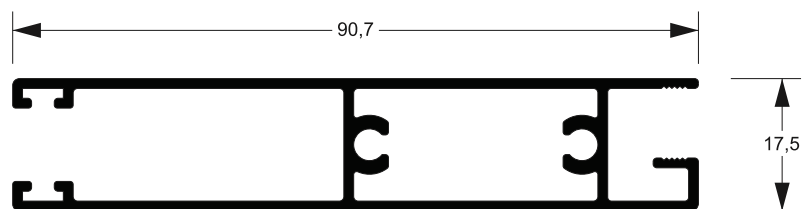
AMP347

PESO: 0,184



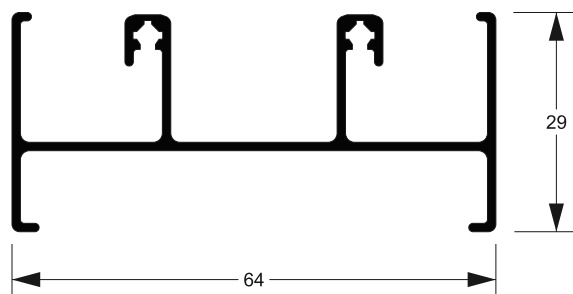
MM014

PESO: 0,181



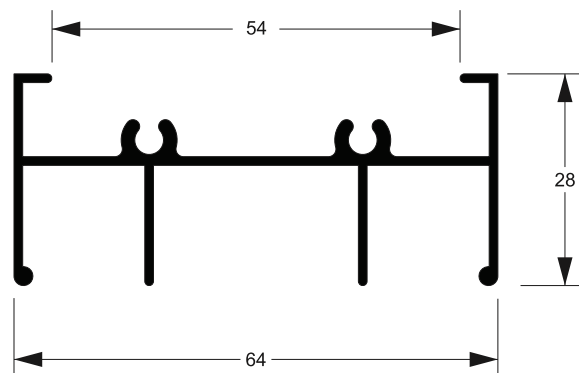
AMP354

PESO: 0,925



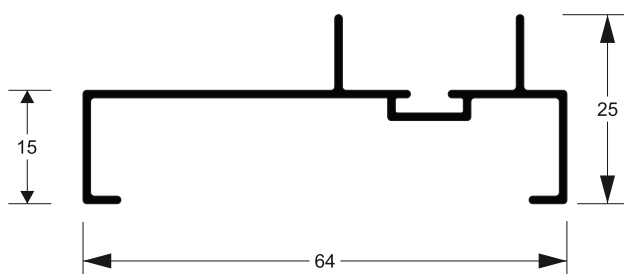
AMP357PLUS

PESO: 0,569



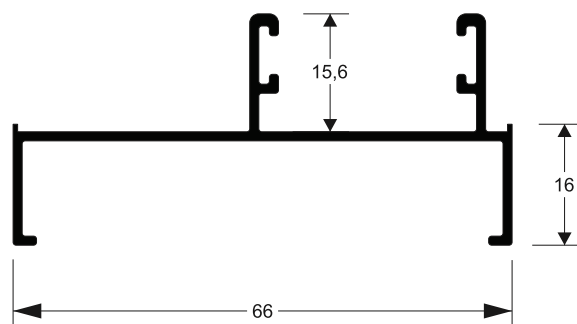
AMP357

PESO: 0,616



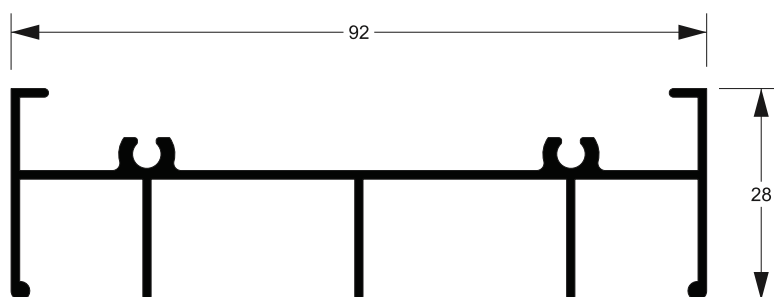
AMP360

PESO: 0,400



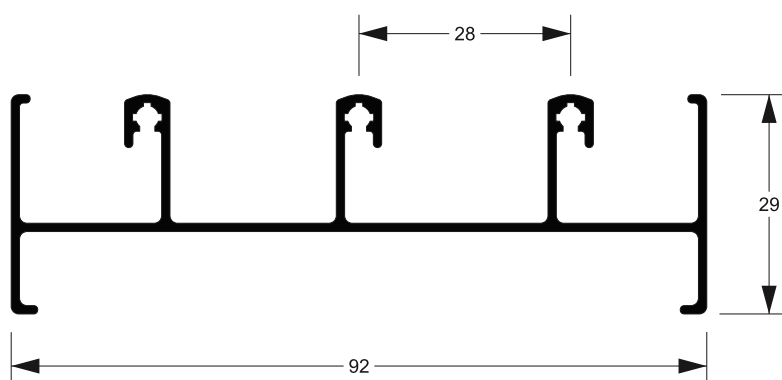
AMP360 PLUS

PESO: 0,515



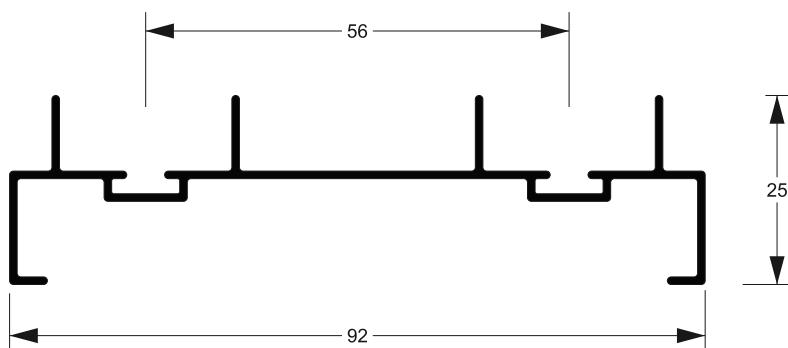
AMP366

PESO: 0,720



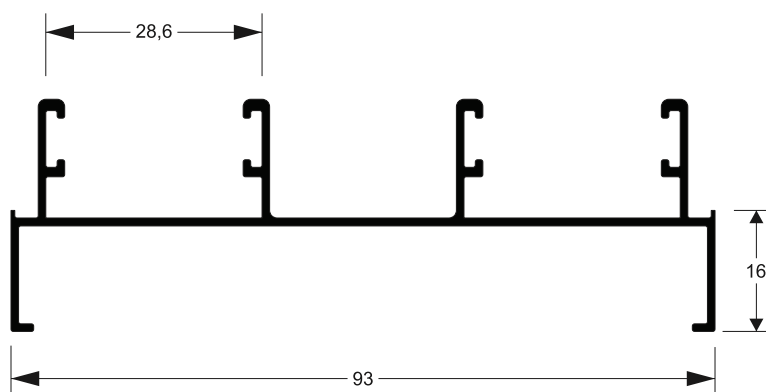
AMP366PLUS

PESO: 0,683



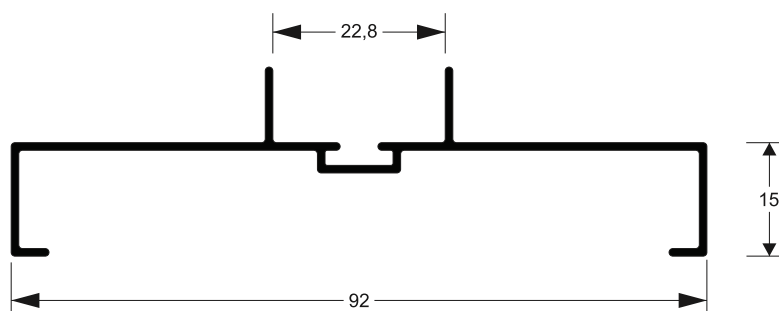
AMP368

PESO: 0,559



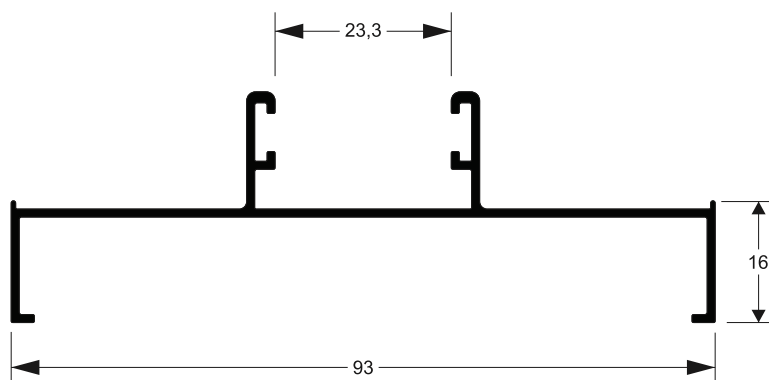
AMP368PLUS

PESO: 0,683



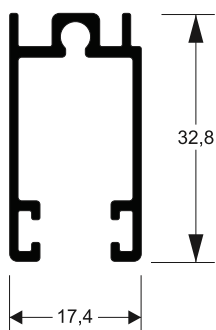
AMP369

PESO: 0,560



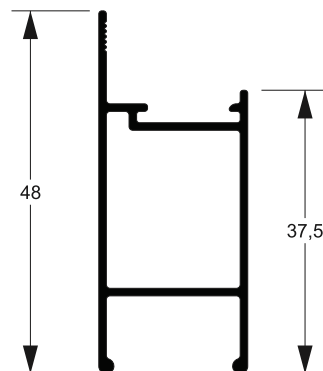
AMP369PLUS

PESO: 0,539



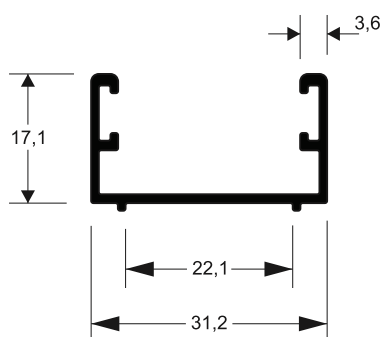
AMP378

PESO: 0,386



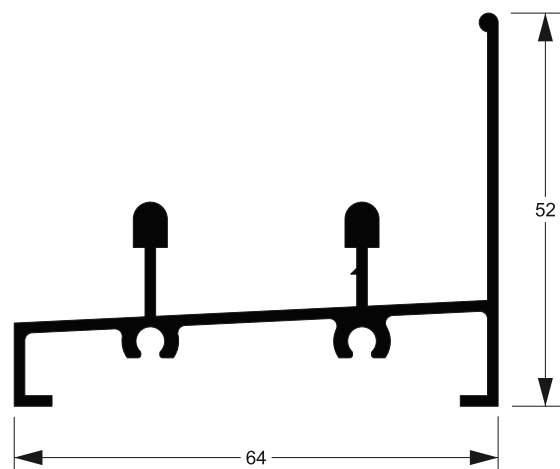
AMP392

PESO: 0,383



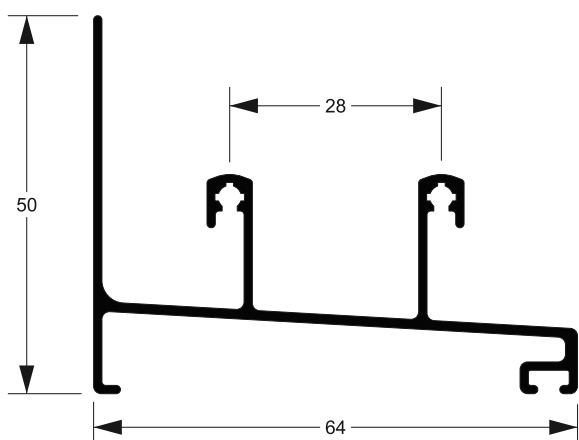
AMP393

PESO: 0,240



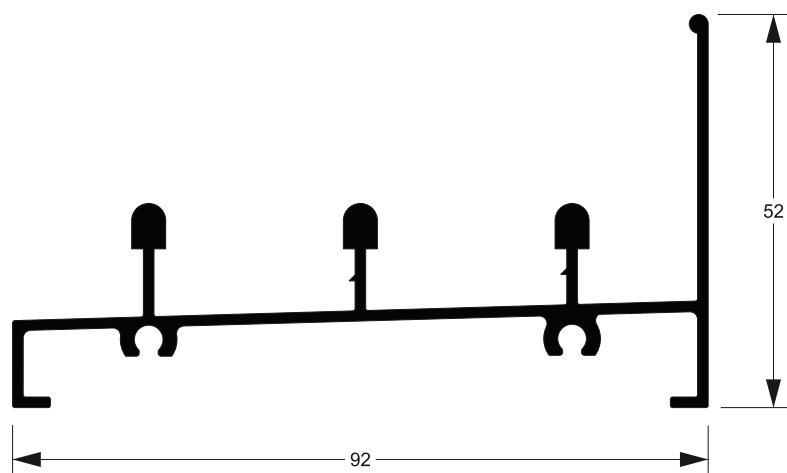
AMP404

PESO: 0,994



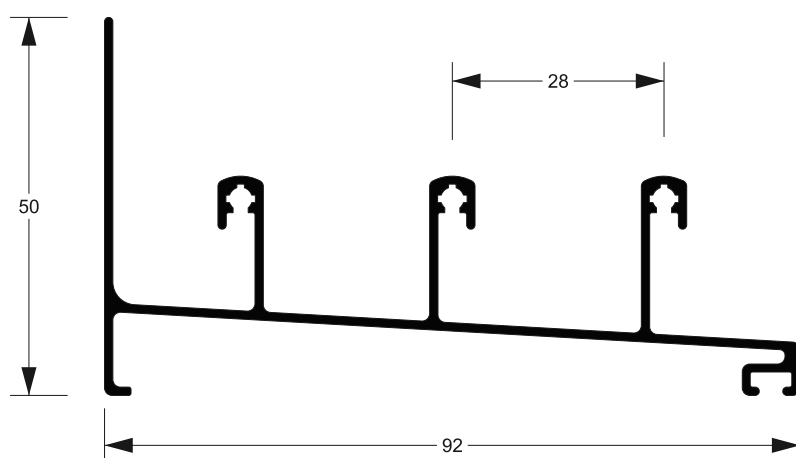
AMP404PLUS

PESO: 0,690



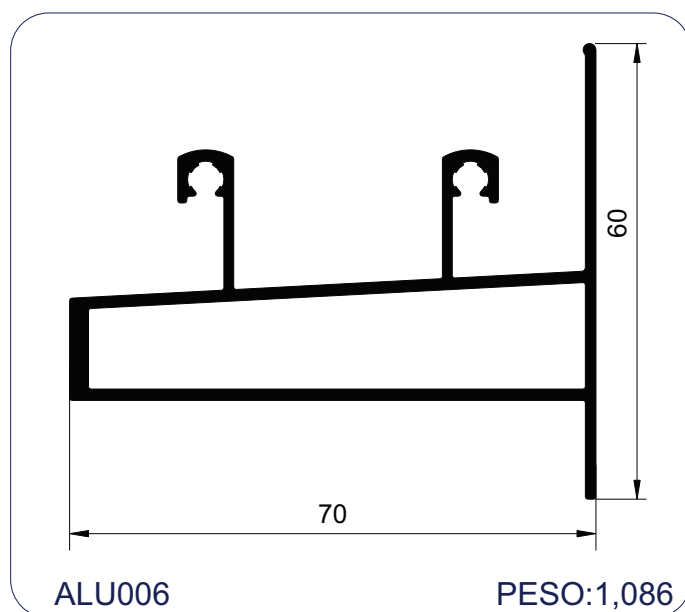
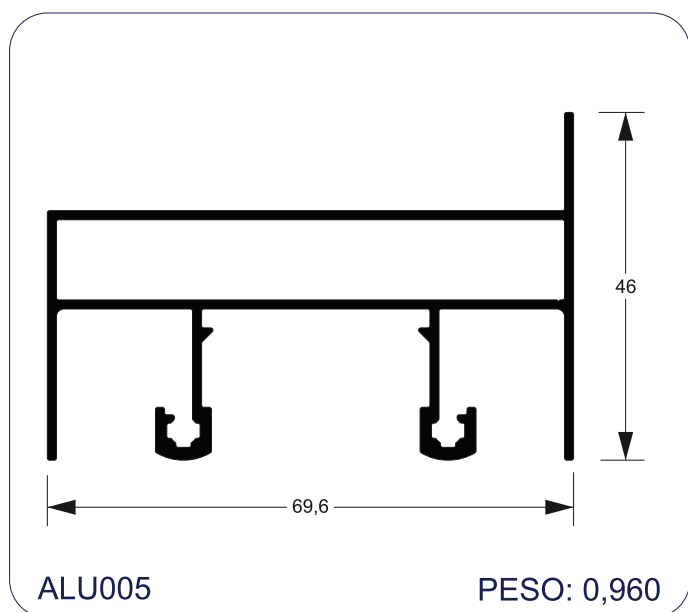
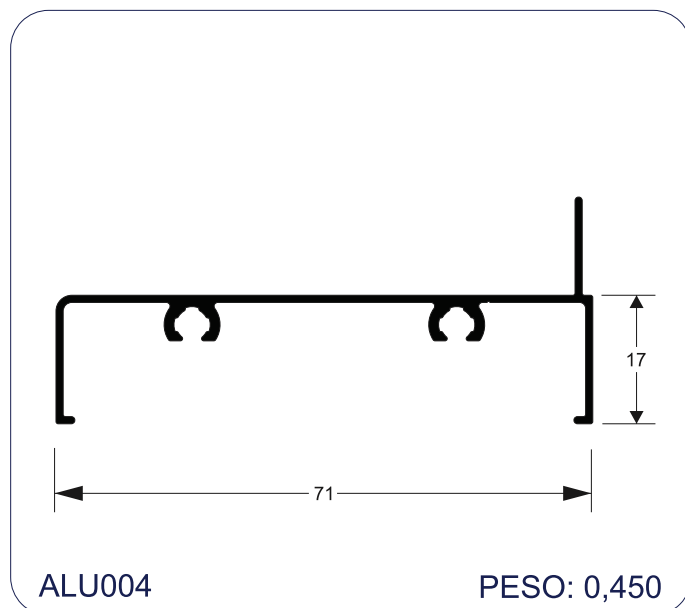
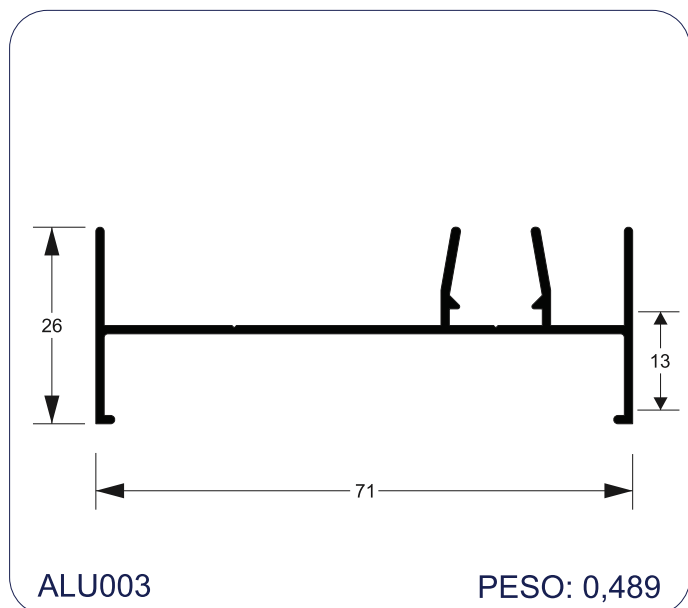
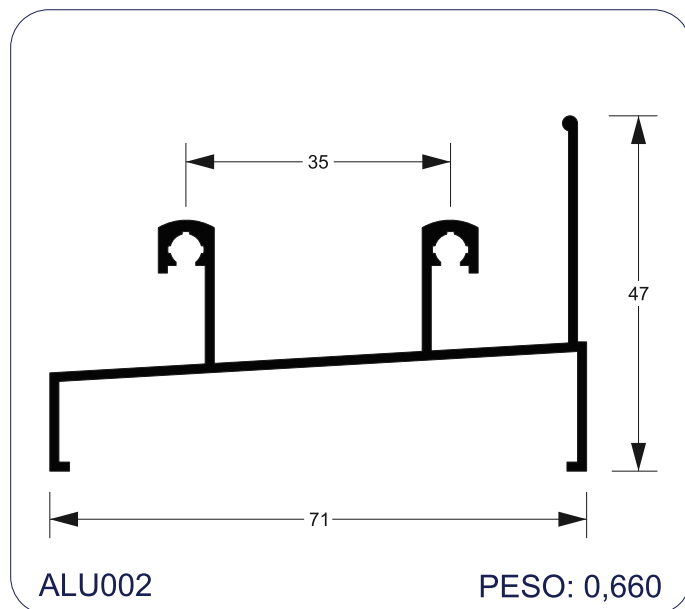
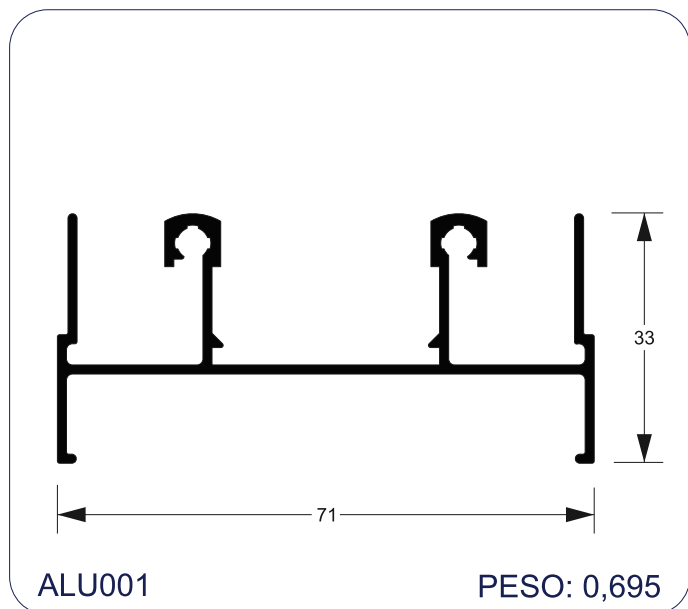
AMP407

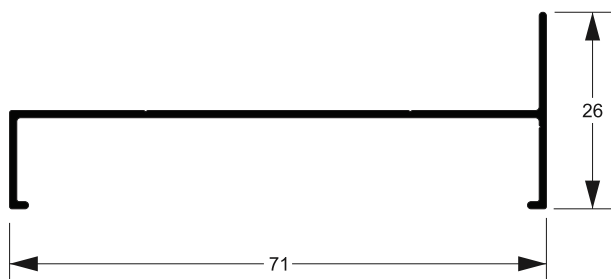
PESO: 0,994



AMP407PLUS

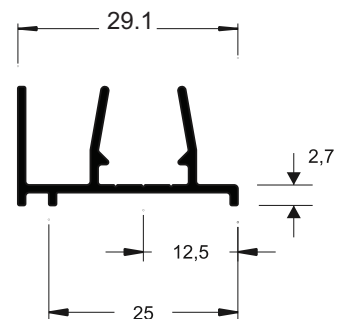
PESO: 0,960





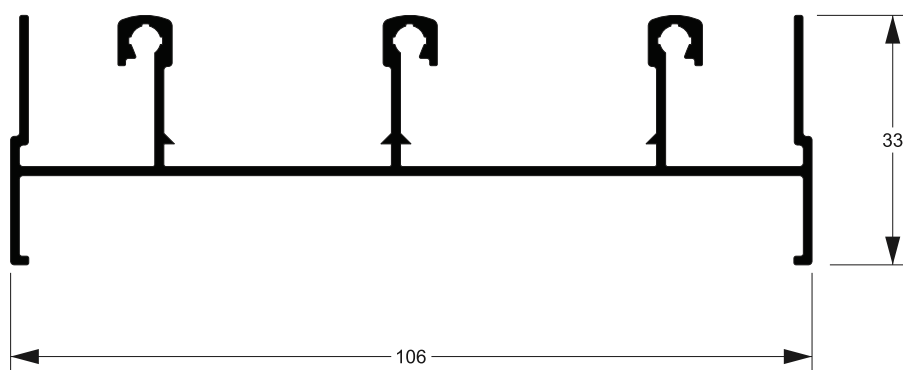
ALU007

PESO: 0,340



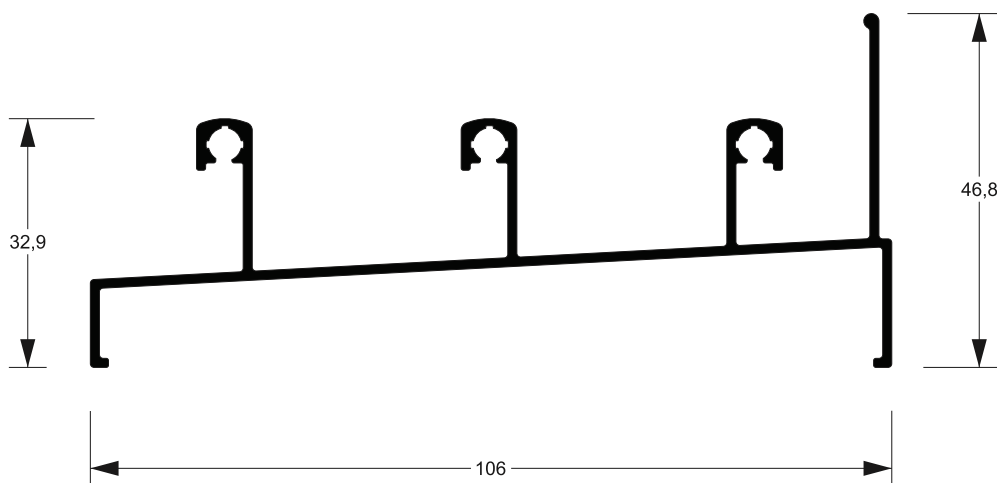
ALU008

PESO: 0,207



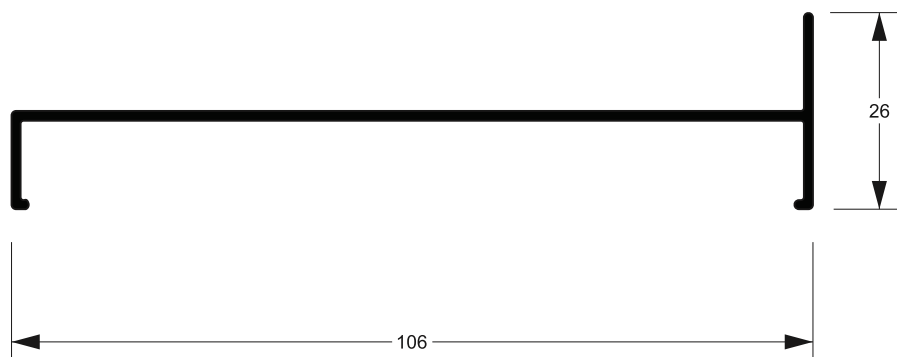
ALU010

PESO: 0,980



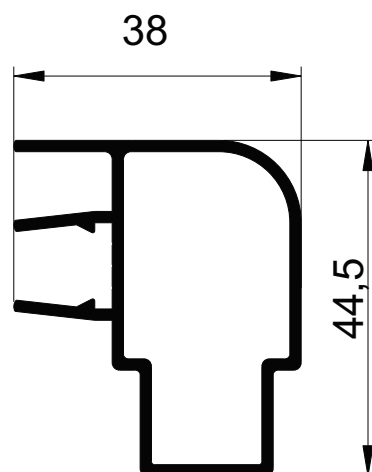
ALU011

PESO: 0,906



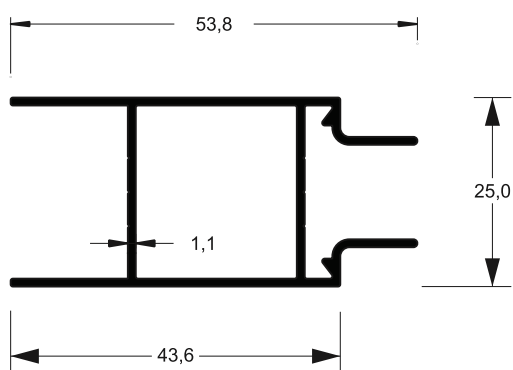
ALU012

PESO: 0,499



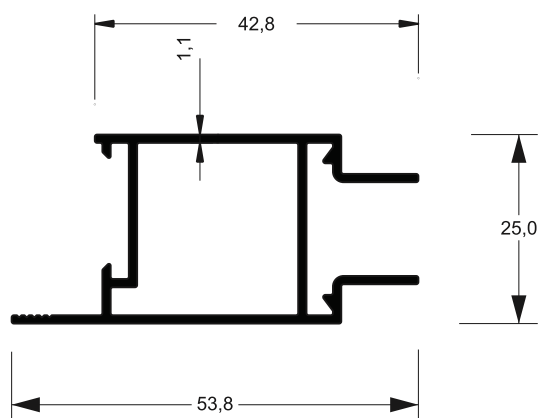
ALU-100B

PESO:0,499



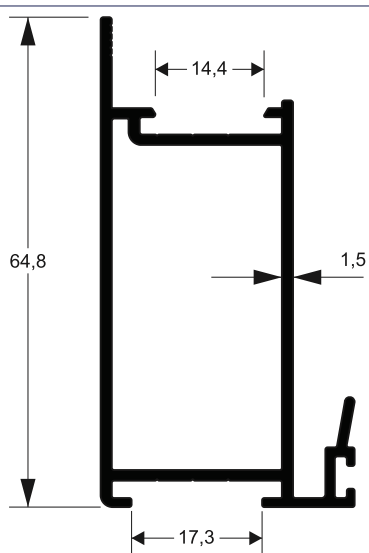
ALU191

PESO: 0,470



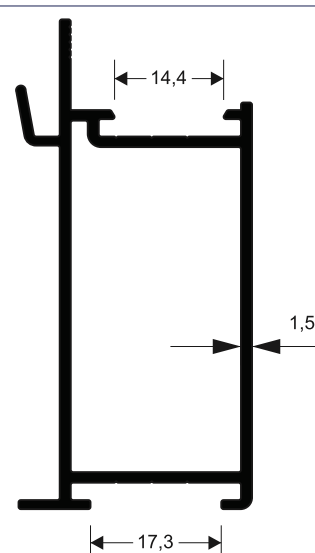
ALU192

PESO: 0,481



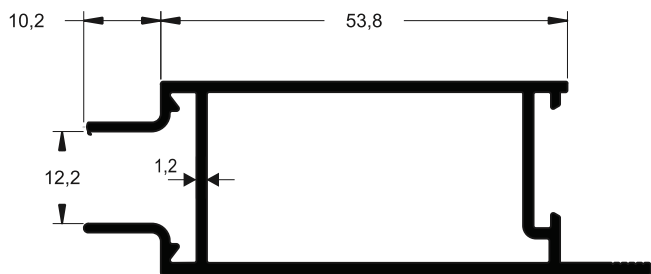
ALU242

PESO: 0,771



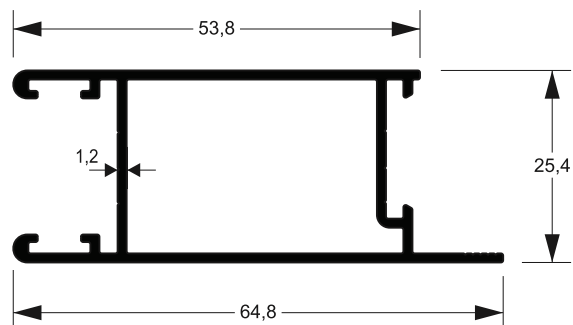
ALU243

PESO: 0,735



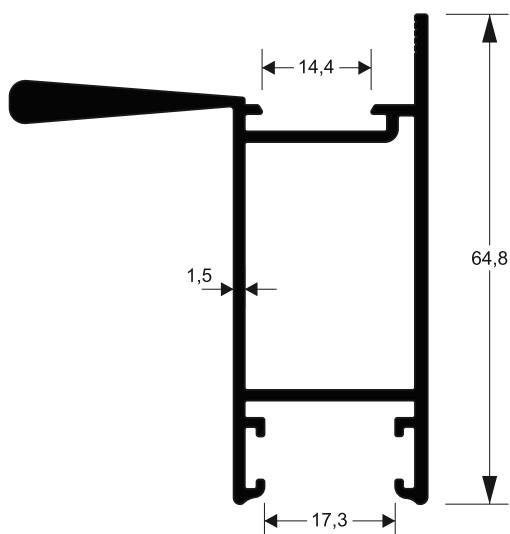
ALU244

PESO: 0,779



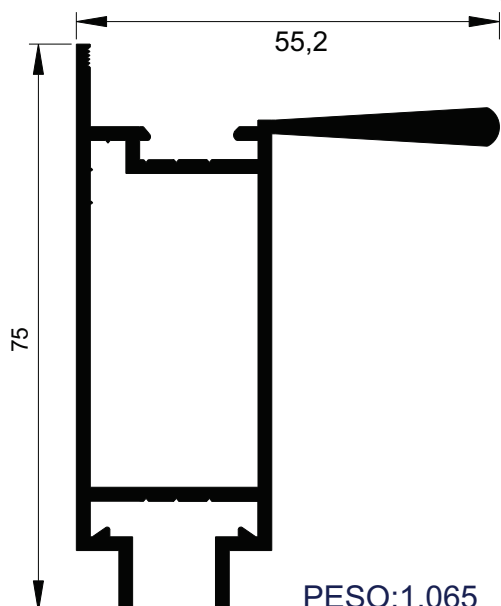
ALU245

PESO: 0,606



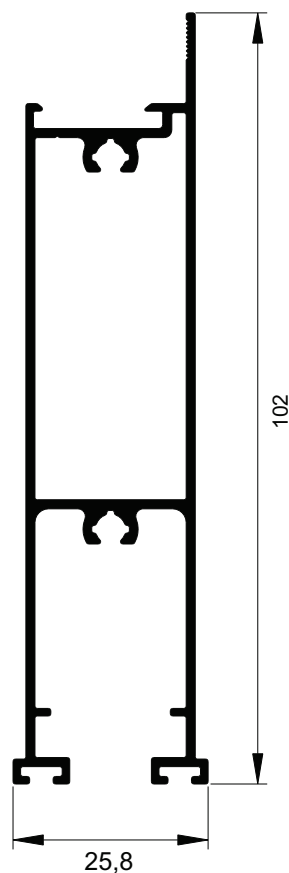
ALU280

PESO: 1,031



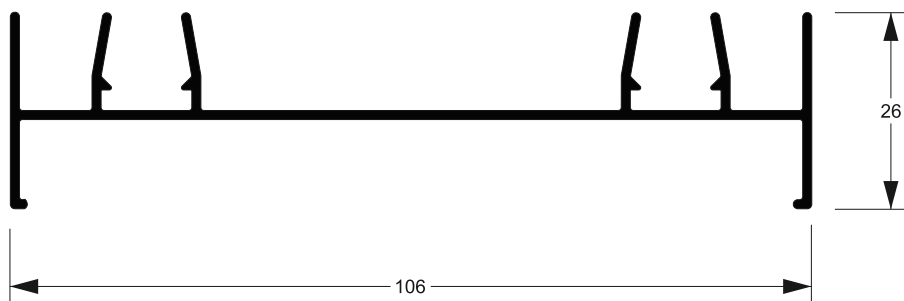
ALU-281

PESO: 1,065



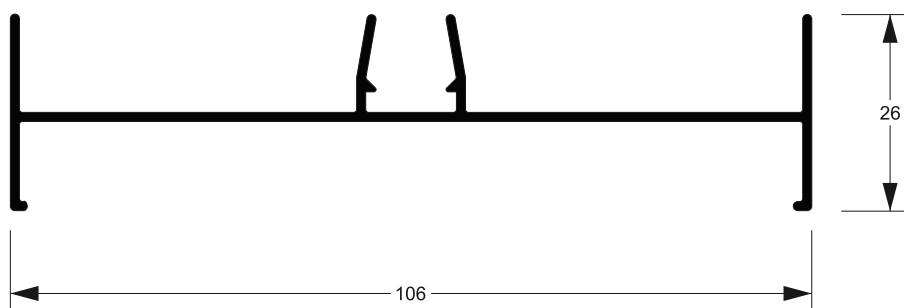
ALU-247

PESO: 0,960



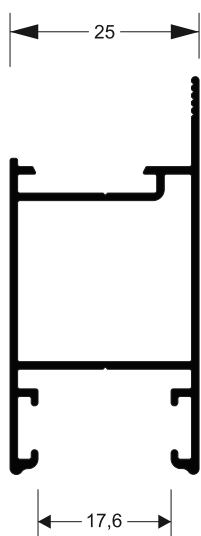
ALU013

PESO: 0,710



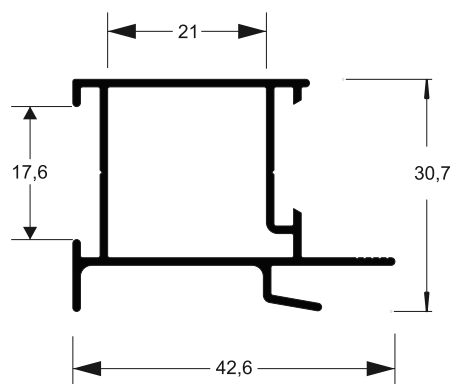
ALU014

PESO: 0,609



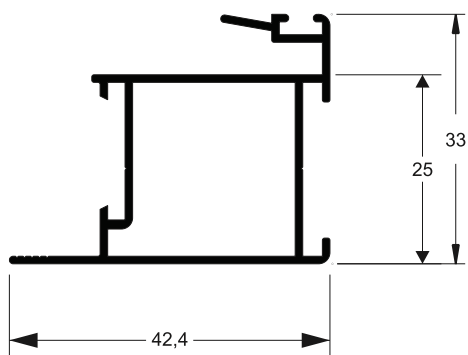
ALU039

PESO: 0,485



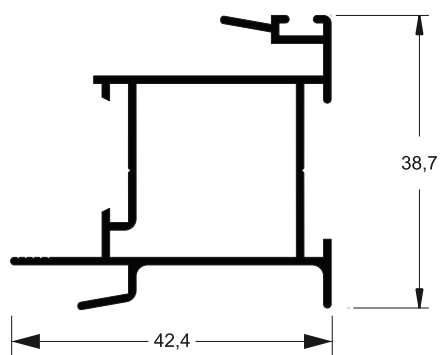
ALU040

PESO: 0,435



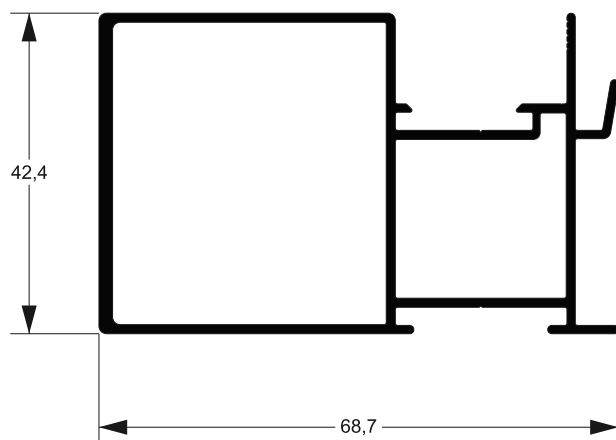
ALU041

PESO: 0,468



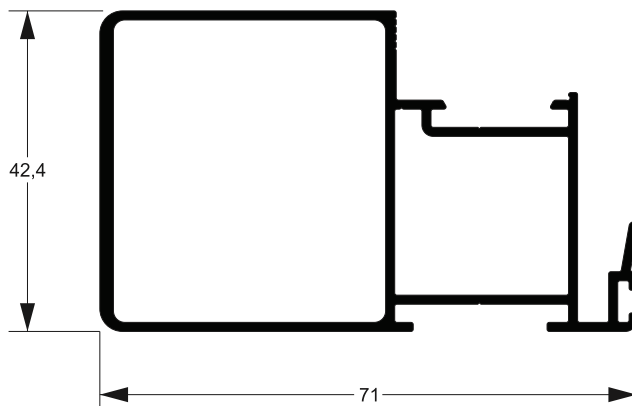
ALU042

PESO: 0,507



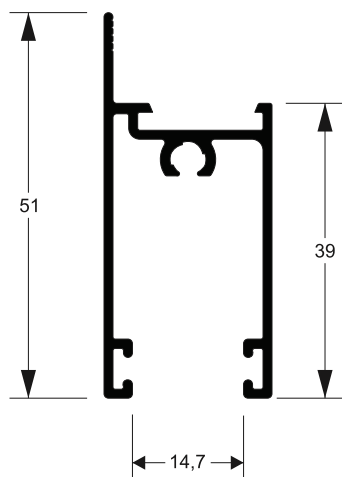
ALU047

PESO: 0,991



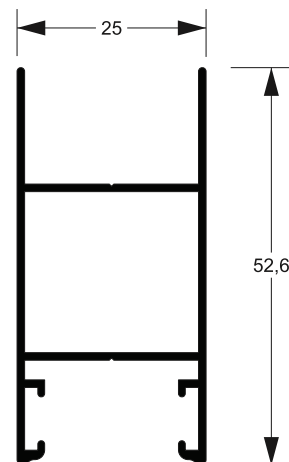
ALU049

PESO: 0,956



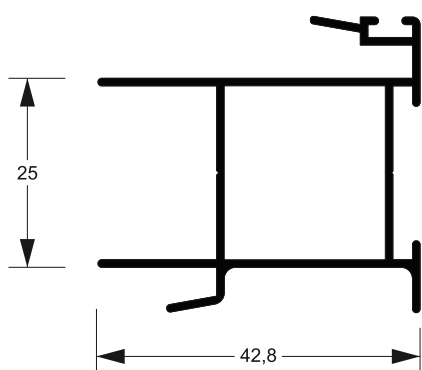
ALU053

PESO: 0,495



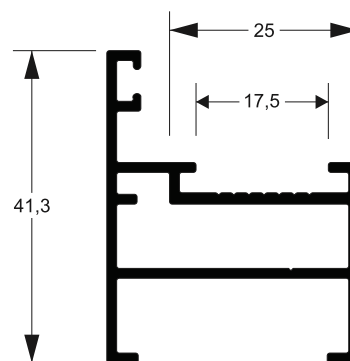
ALU068

PESO: 0,480



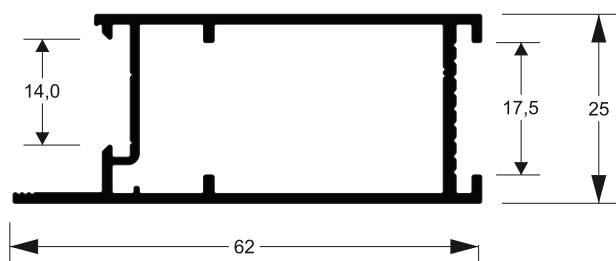
ALU069

PESO: 0,517



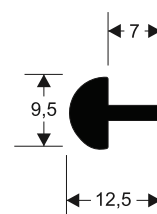
ALU279

PESO: 0,570



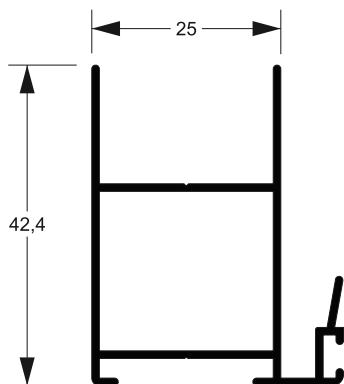
ALU111

PESO: 0,580



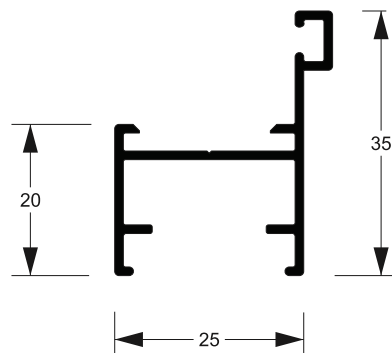
TE001

PESO: 0,180



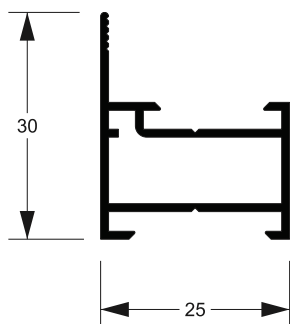
ALU070

PESO: 0,468



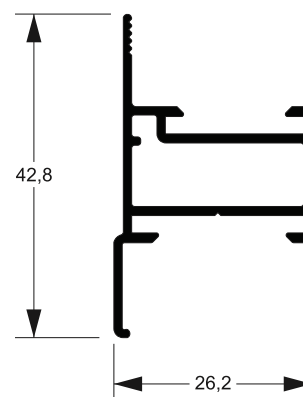
ALU079

PESO: 0,320



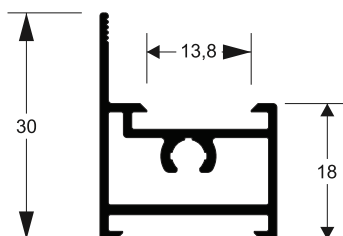
ALU080

PESO: 0,330



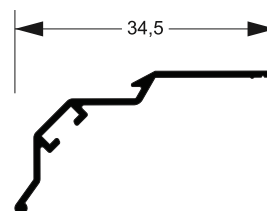
ALU081

PESO: 0,385



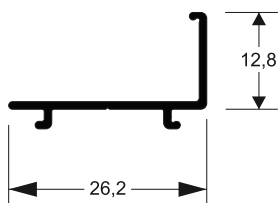
ALU082

PESO: 0,343



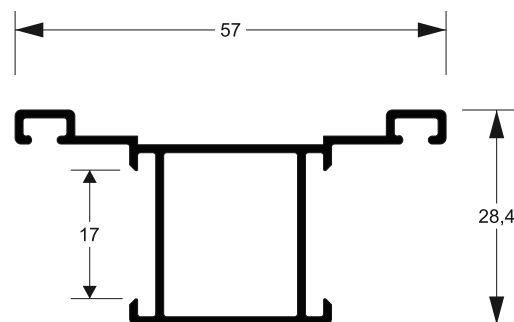
ALU083

PESO: 0,135



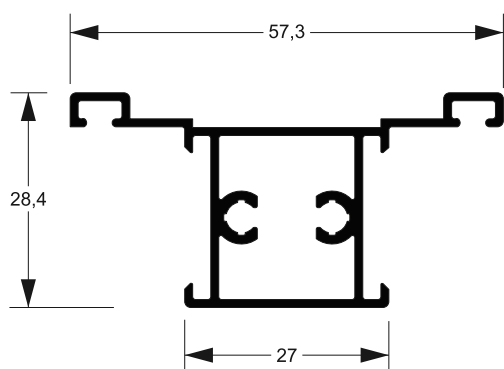
ALU084

PESO: 0,125



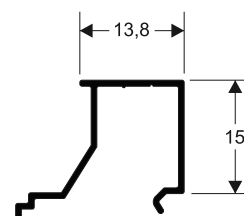
ALU085

PESO: 0,480



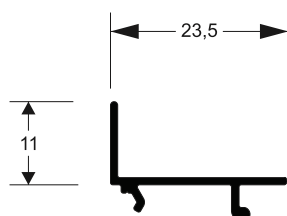
ALU086

PESO: 0,545



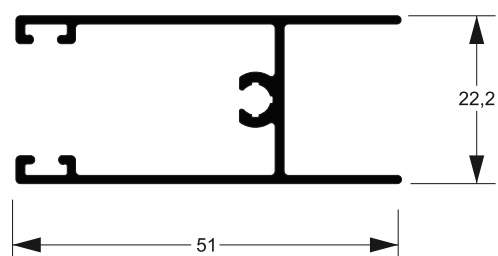
ALU103

PESO: 0,138



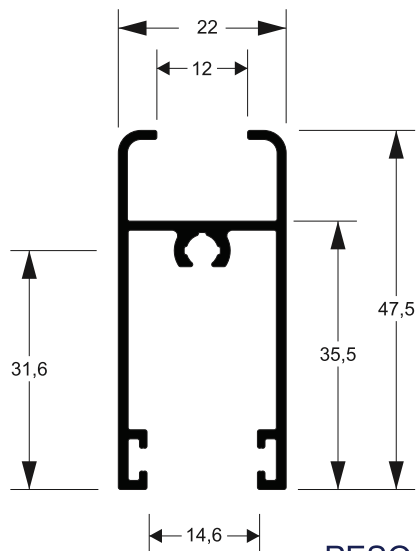
ALU108

PESO: 0,129



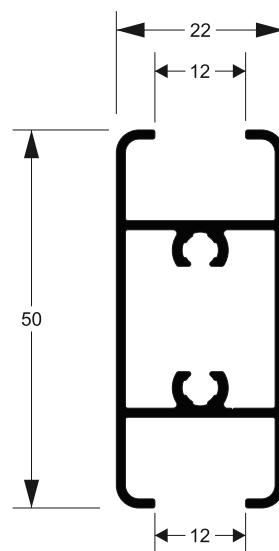
ALU187

PESO: 0,487



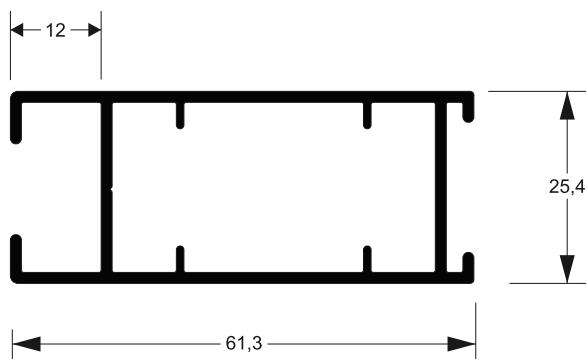
ALU186

PESO: 0,430



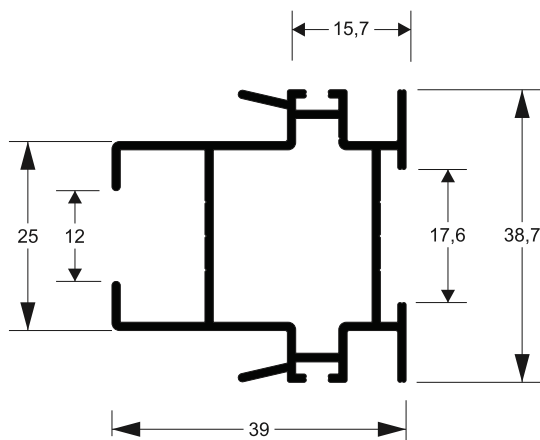
ALU188

PESO: 0,525



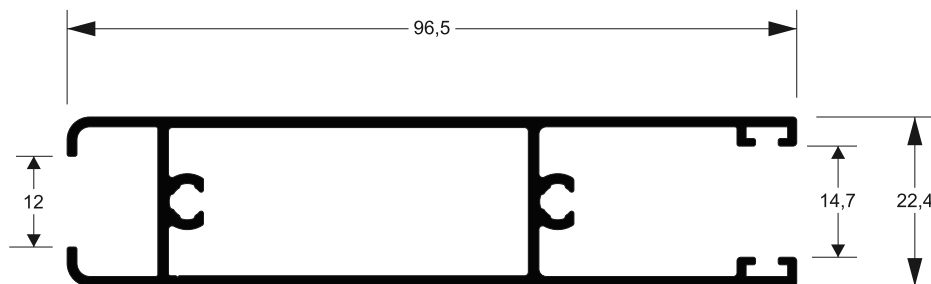
ALU241

PESO: 0,740



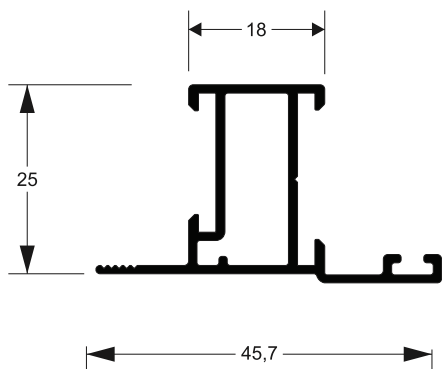
ALU057

PESO: 0,520



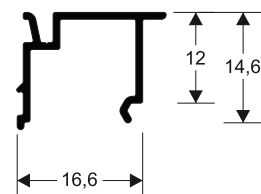
ALU226

PESO: 1,004



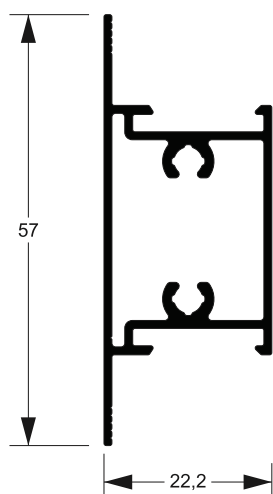
ALU200

PESO: 0,396



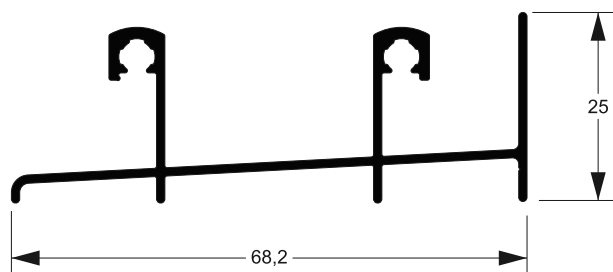
ALU203

PESO: 0,135



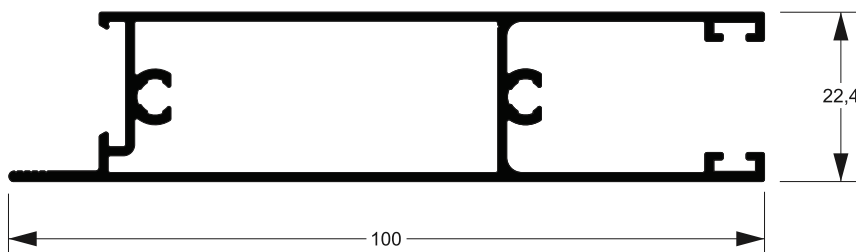
ALU227

PESO: 0,530



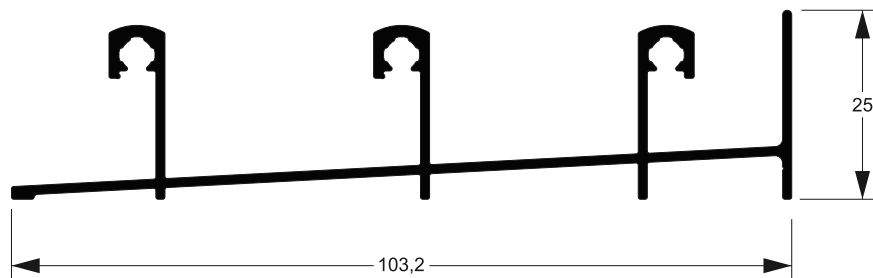
ALU228

PESO: 0,555



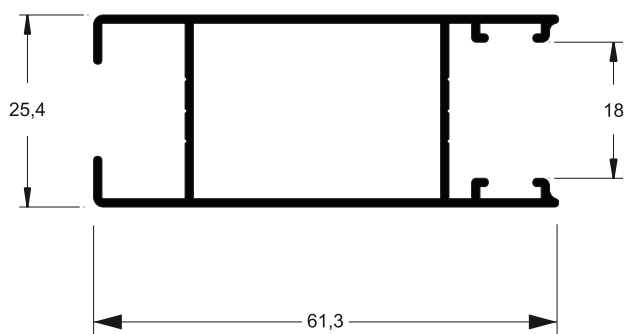
ALU225

PESO: 0,984



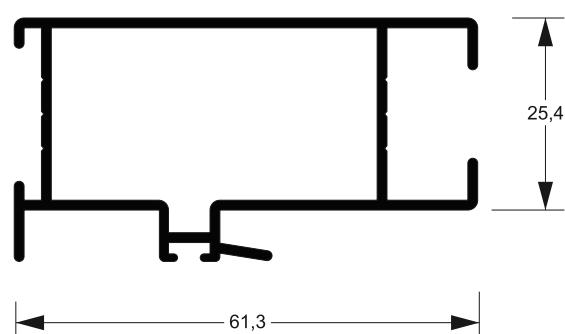
ALU230

PESO: 0,850



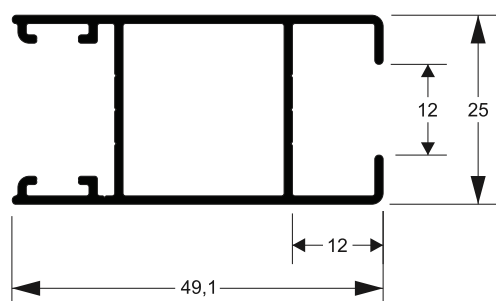
ALU238

PESO: 0,643



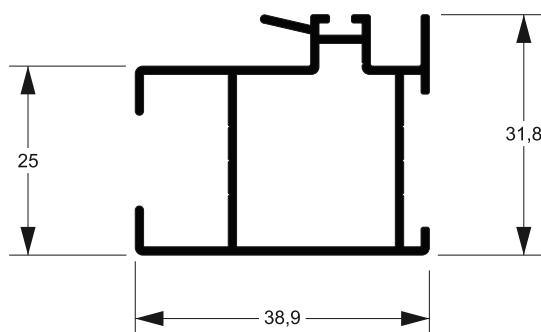
ALU239

PESO: 0,696



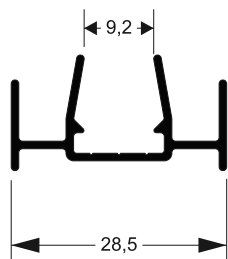
ALU055

PESO: 0,490



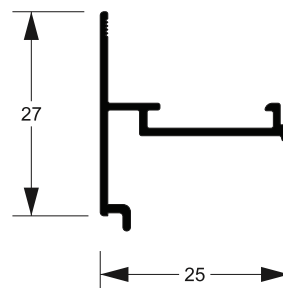
ALU056

PESO: 0,480



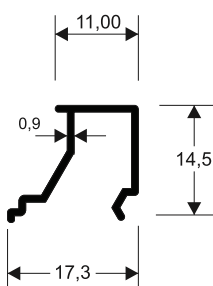
ALU291

PESO: 0,220



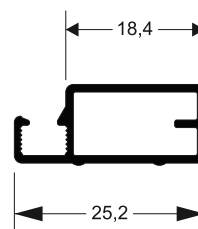
ALU292

PESO: 0,176



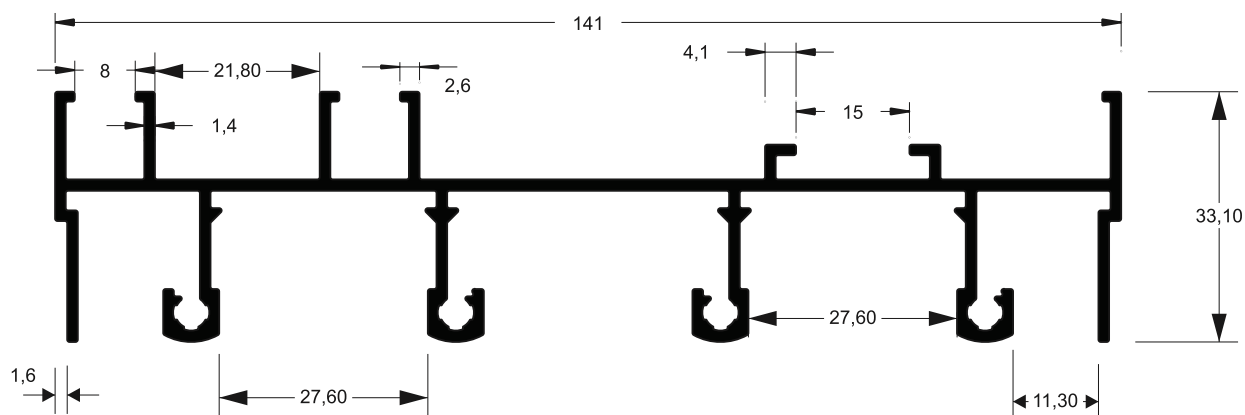
ALU1230

PESO: 0,087



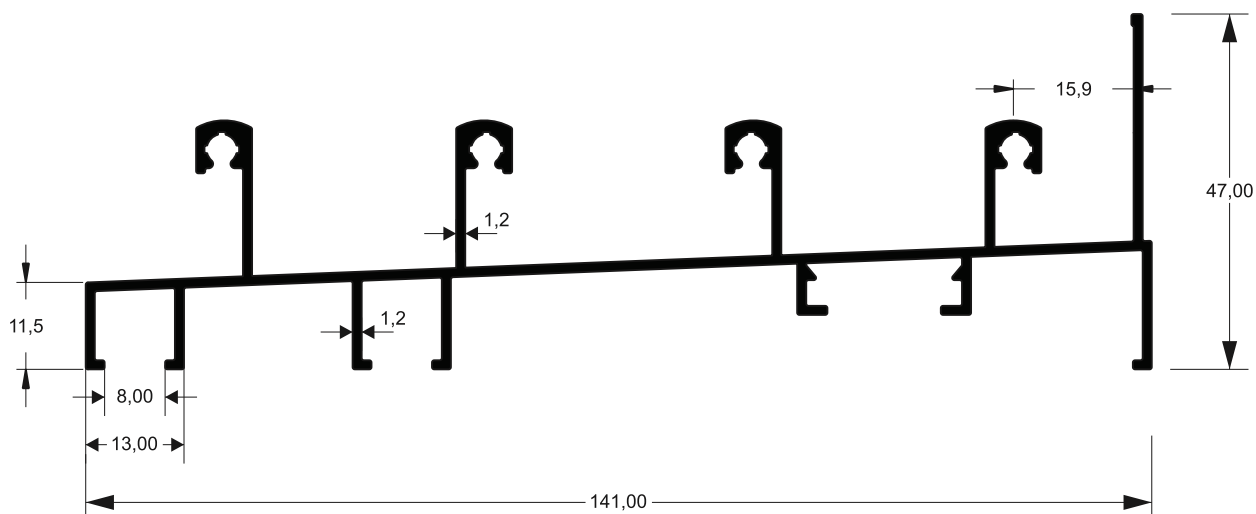
ALU152

PESO: 0,192



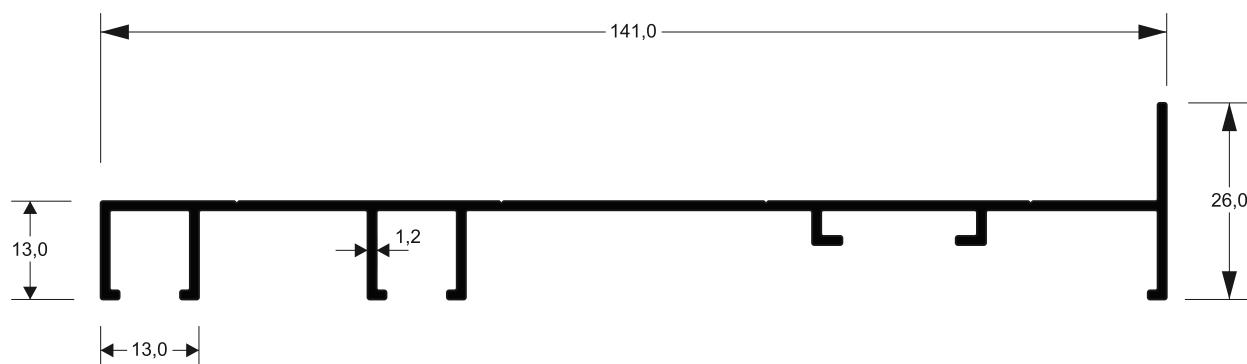
ALU121

PESO: 1,585



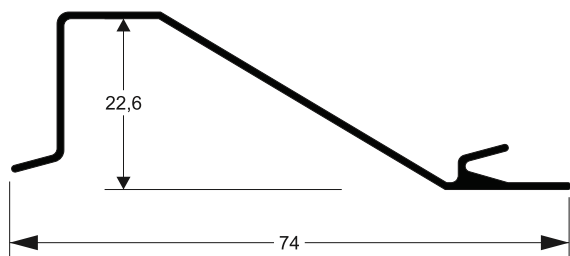
ALU122

PESO: 1,338



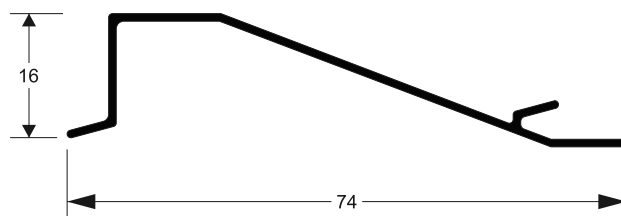
ALU123

PESO: 0,761



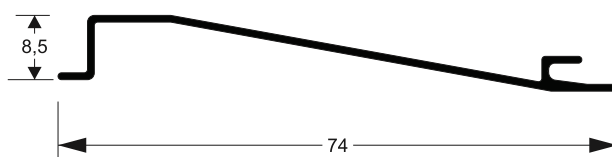
VNZ006

PESO: 0,286



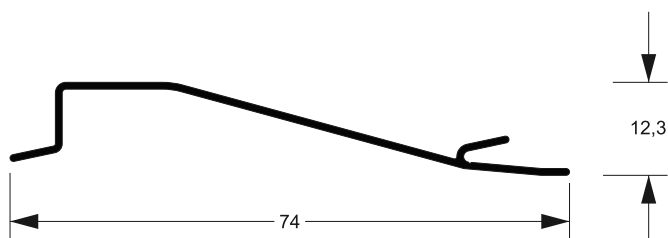
VNZ023

PESO: 0,295



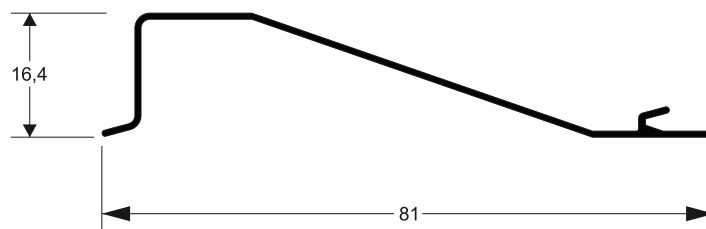
VNZ024

PESO: 0,255



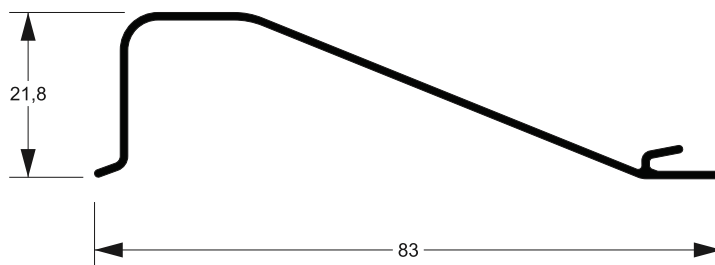
VNZ051

PESO: 0,224



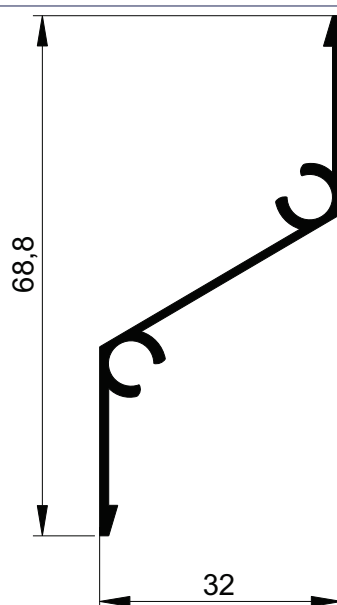
VNZ081

PESO: 0,245



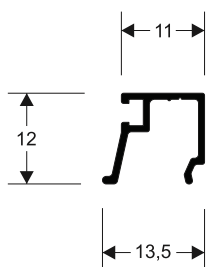
VNZ302

PESO: 0,297



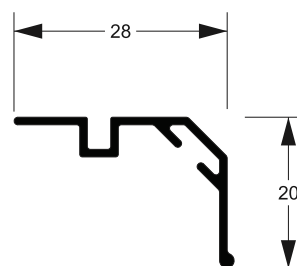
VZN060

PESO: 0,397



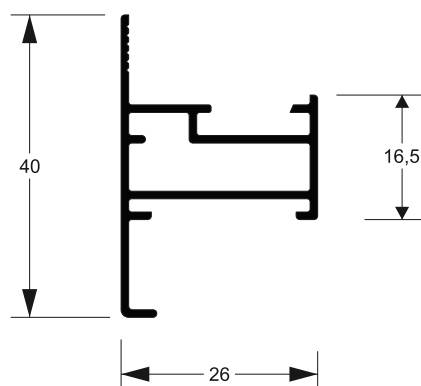
BG001

PESO: 0,089



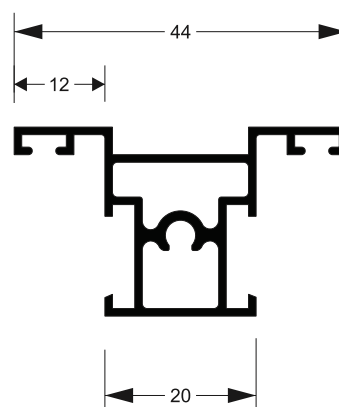
ME056

PESO: 0,169



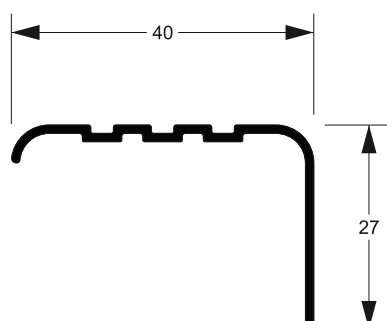
MM375

PESO: 0,336



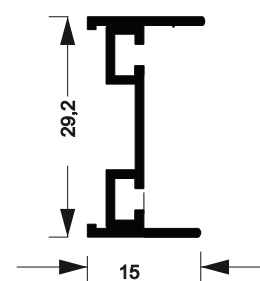
MM376

PESO: 0,442



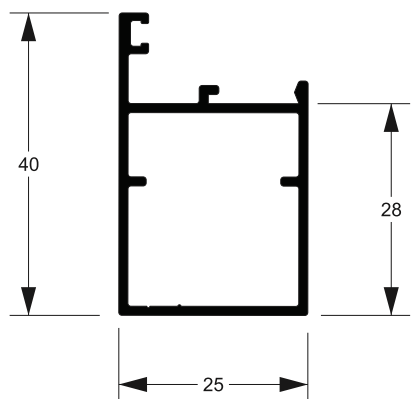
ME013

PESO: 0,216



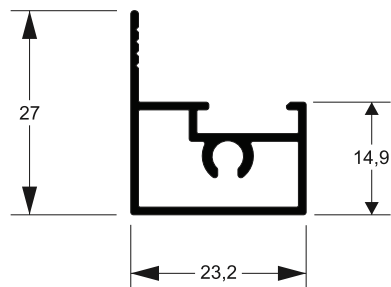
25-021

PESO: 0,222



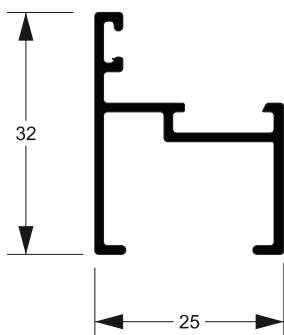
25016

PESO: 0,471



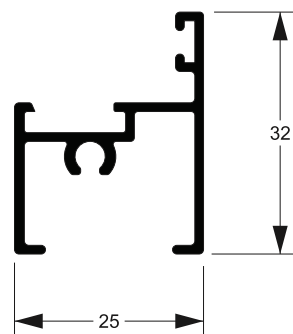
25301

PESO: 0,320



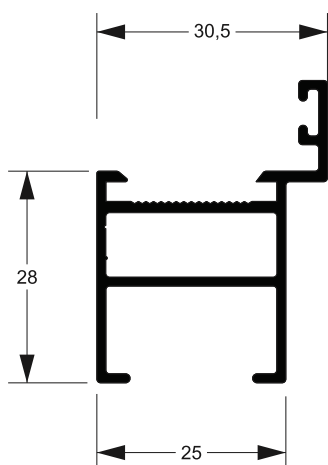
25311

PESO: 0,299



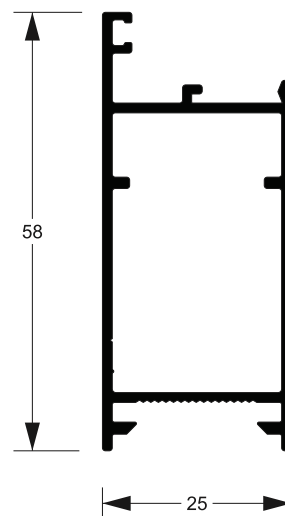
25312

PESO: 0,320



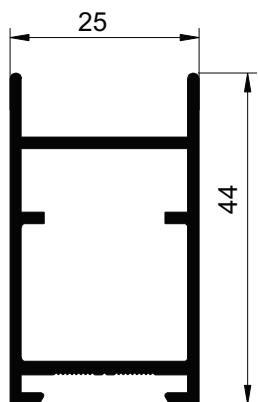
25540

PESO: 0,515



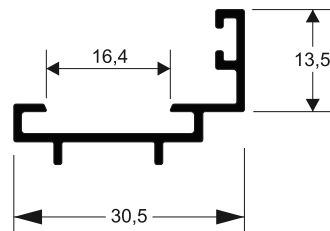
25542

PESO: 0,620



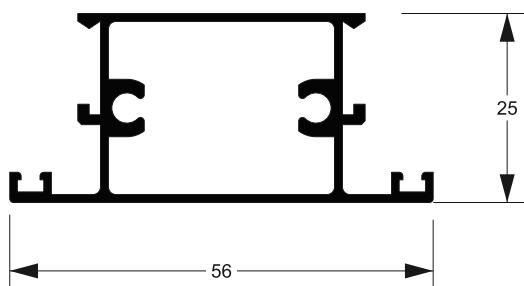
25545

PESO: 0,498



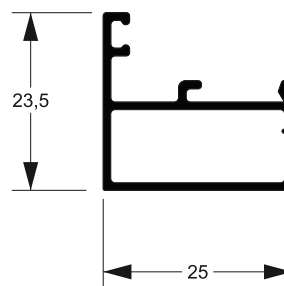
25548

PESO: 0,260



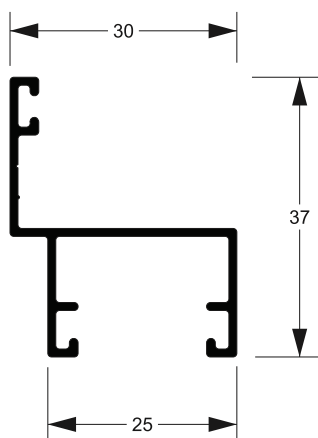
25508

PESO: 0,610



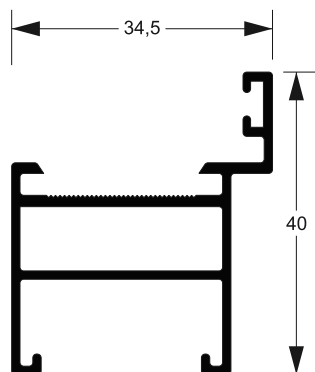
25001

PESO: 0,275



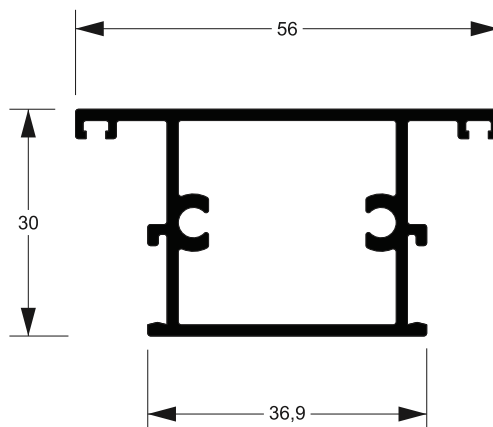
25002

PESO: 0,300



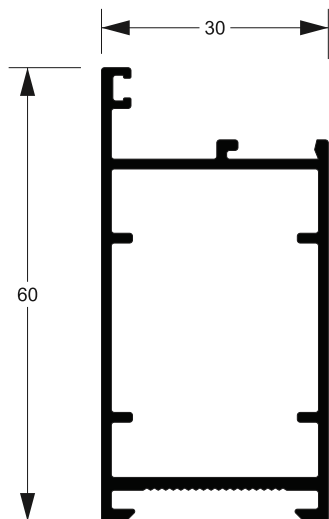
30023

PESO: 0,545



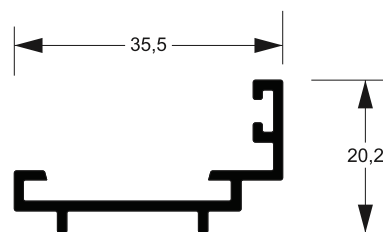
30025

PESO: 0,685



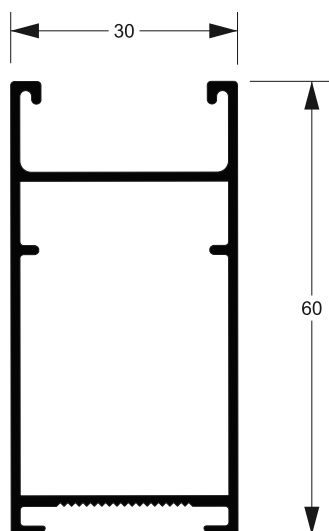
30026

PESO: 0,730



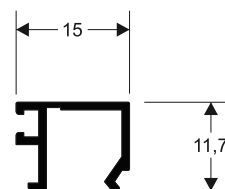
30034

PESO: 0,255



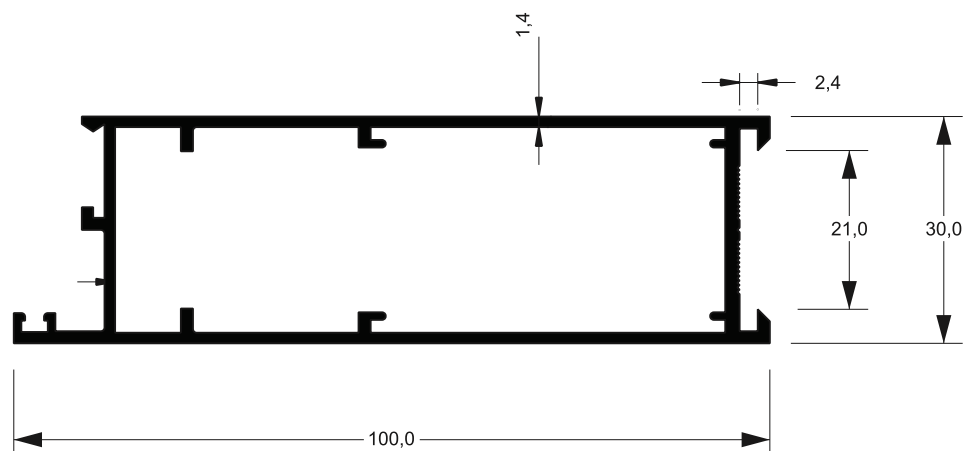
30077

PESO: 0,715



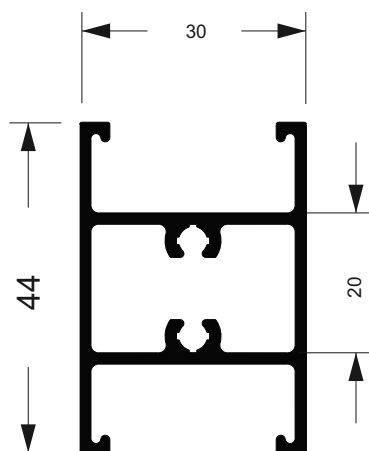
BG010

PESO: 0,108



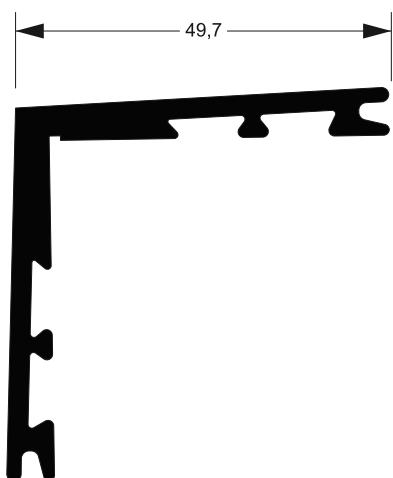
30082

PESO: 1,097



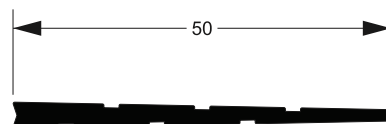
30079

PESO: 0,750



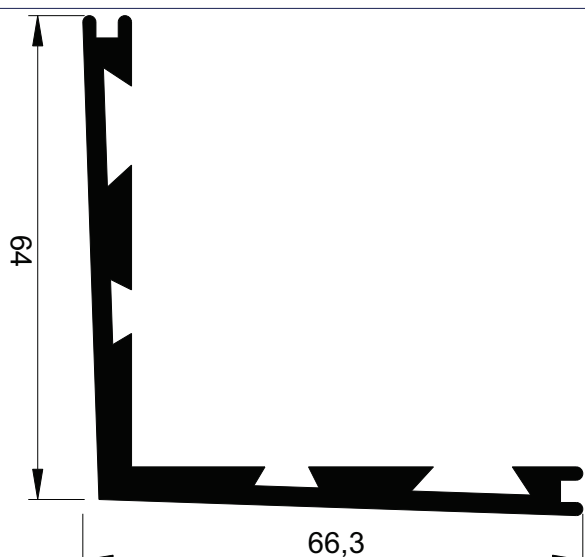
CL06

PESO: 1,120



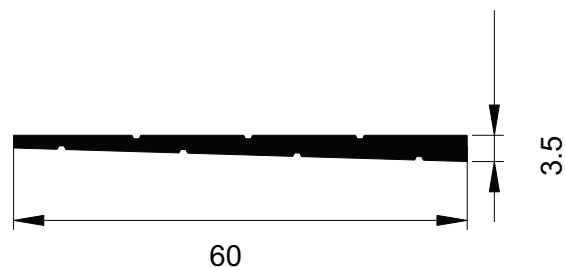
CL011

PESO: 0,350



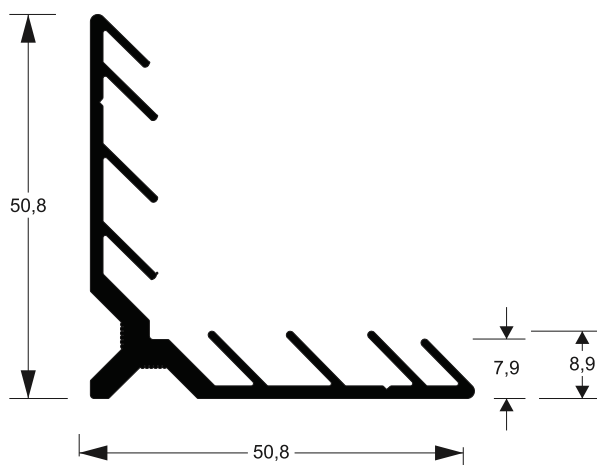
CL-009

PESO:1,411



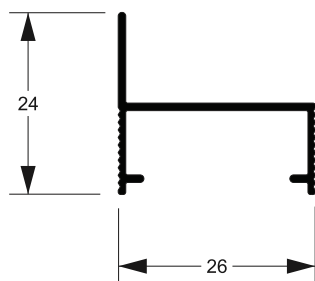
CL-010

PESO:0,396



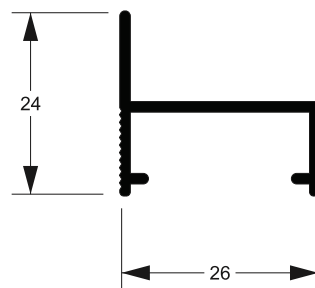
CON2X2

PESO: 0,778



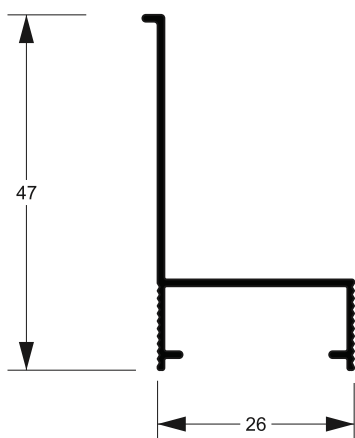
CM063

PESO: 0,160



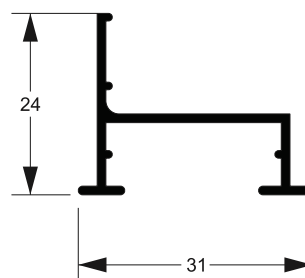
CM063P

PESO: 0,240



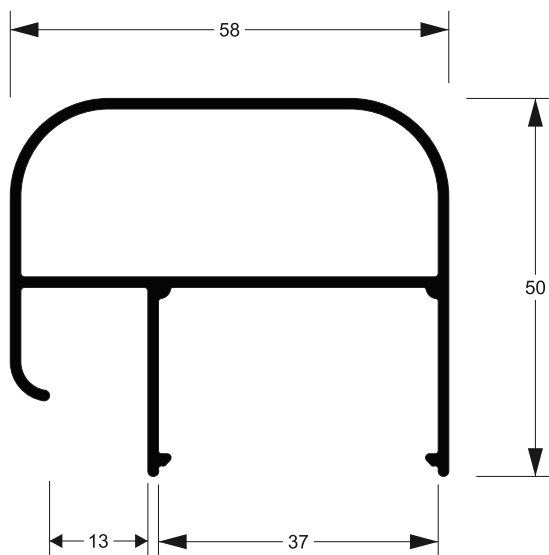
CM151

PESO: 0,360



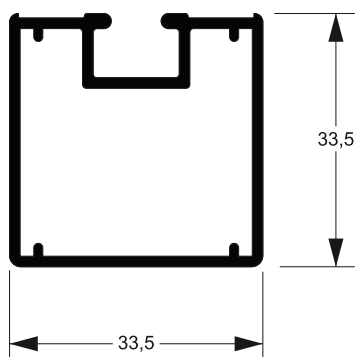
CM286

PESO: 0,231



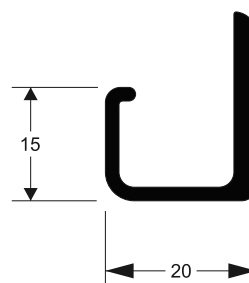
CG01

PESO: 0,925



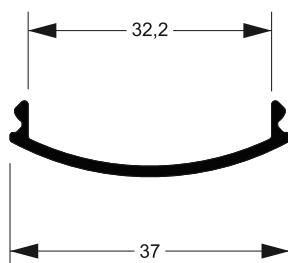
CG02

PESO: 0,653



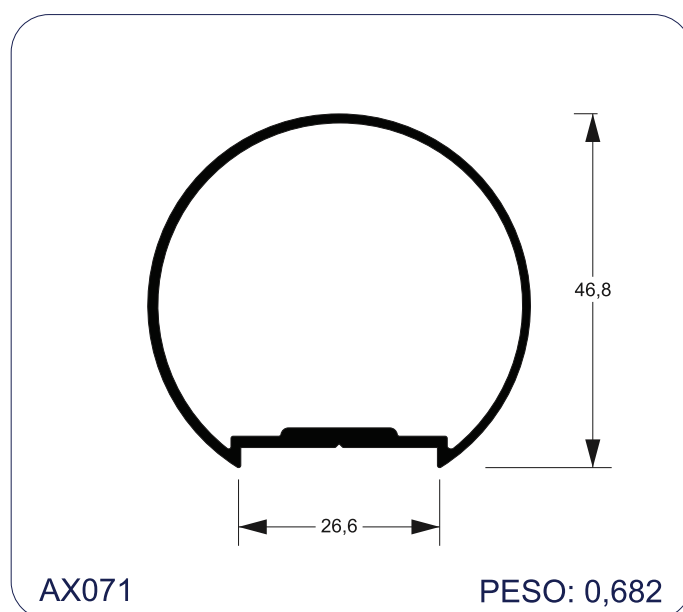
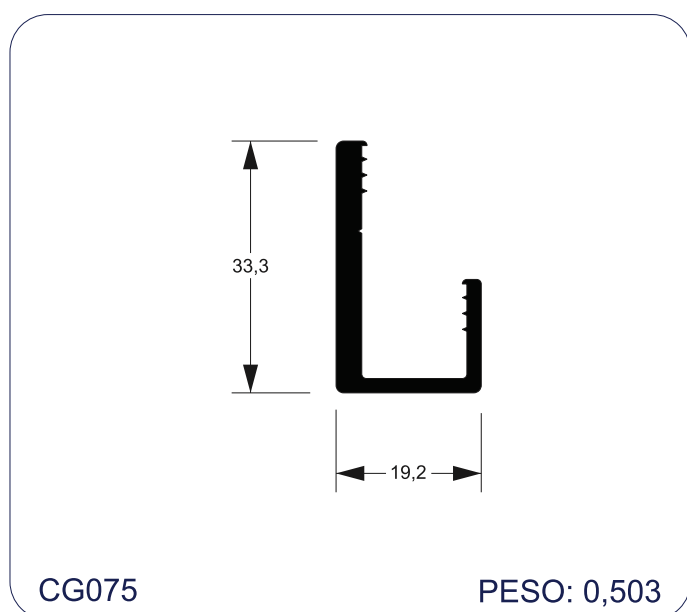
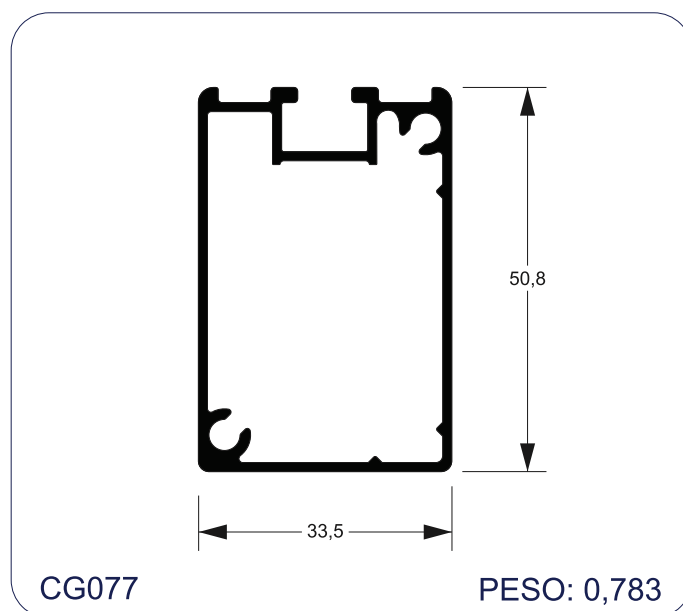
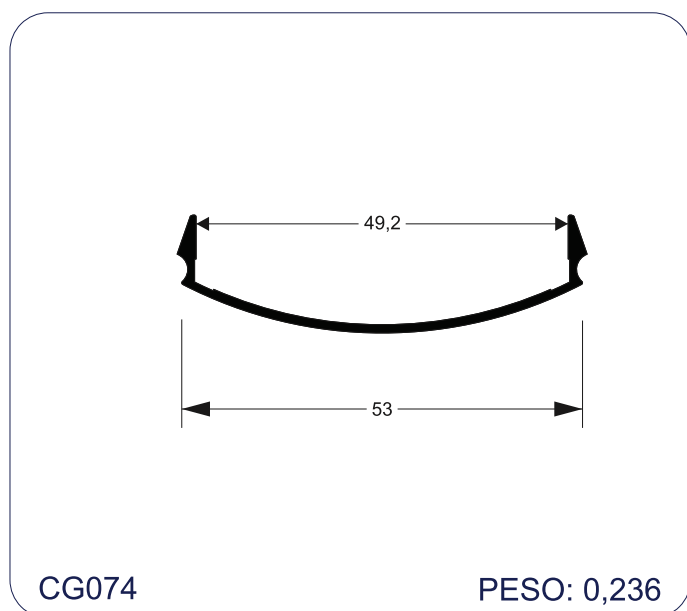
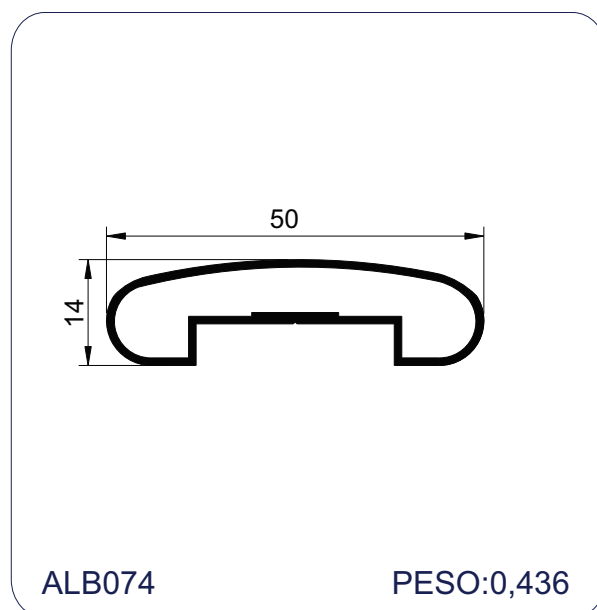
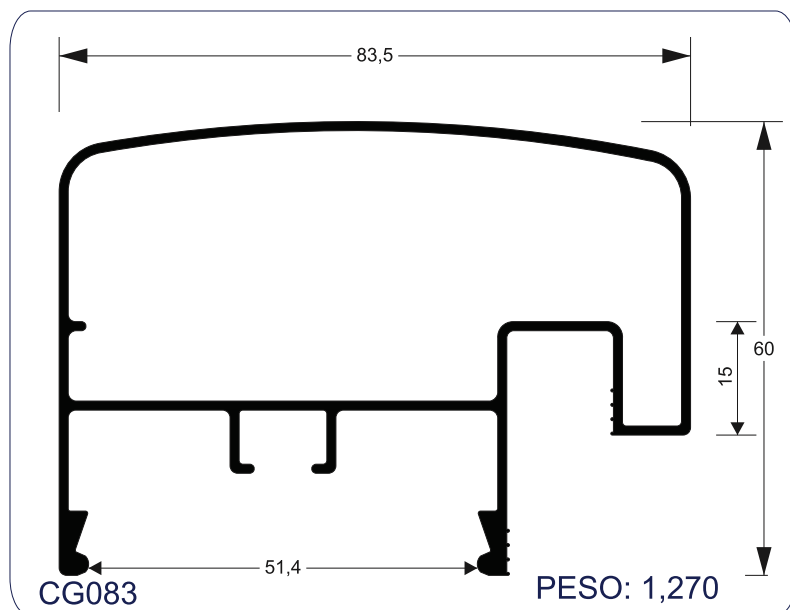
CG03

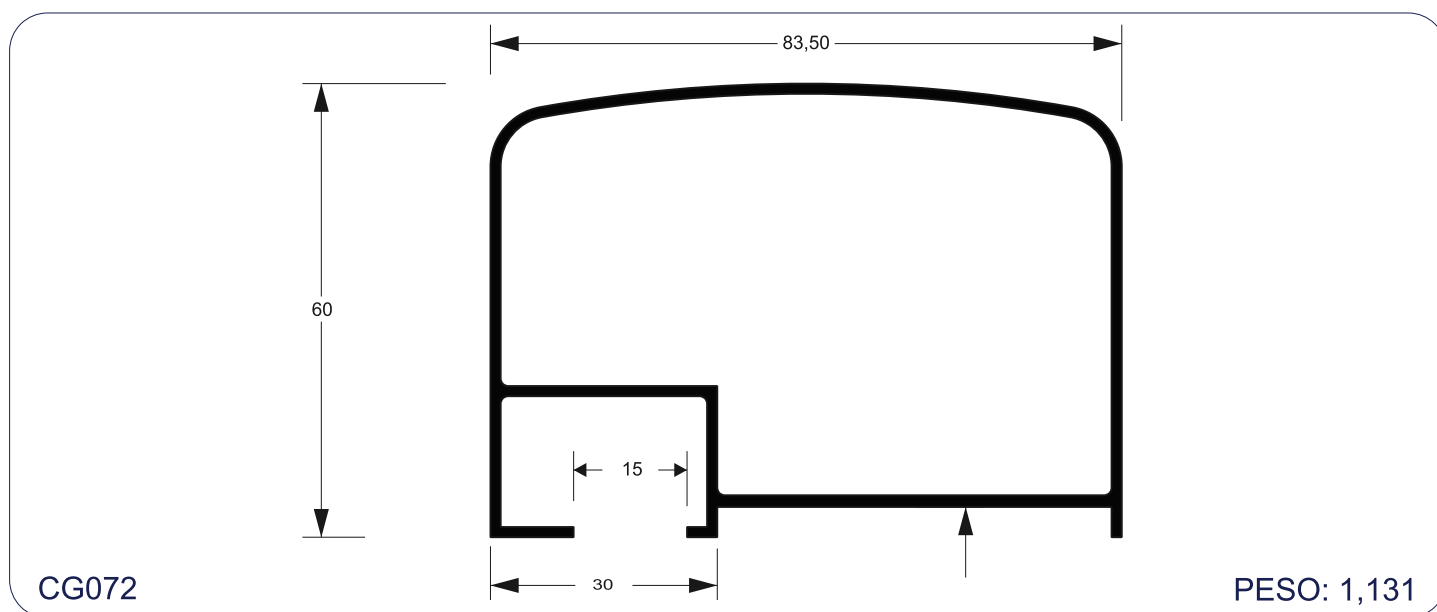
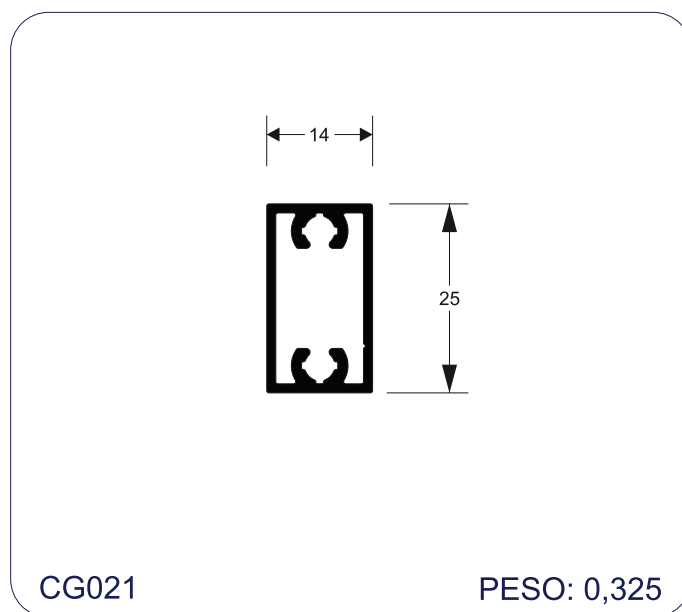
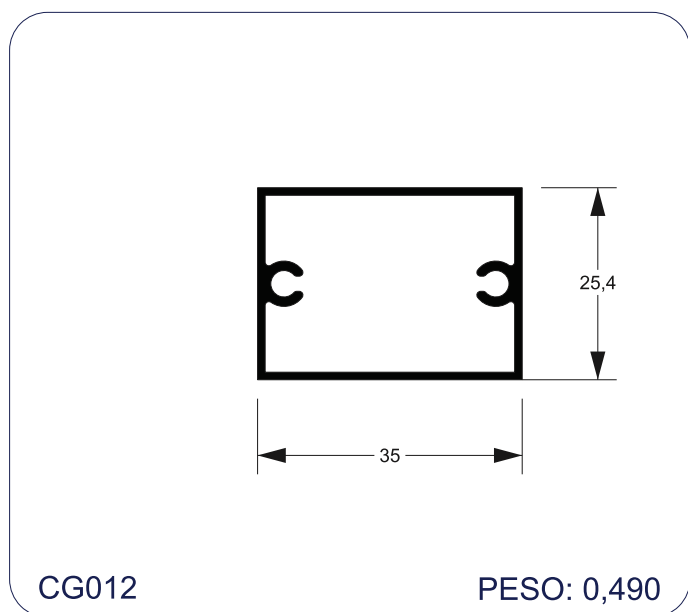
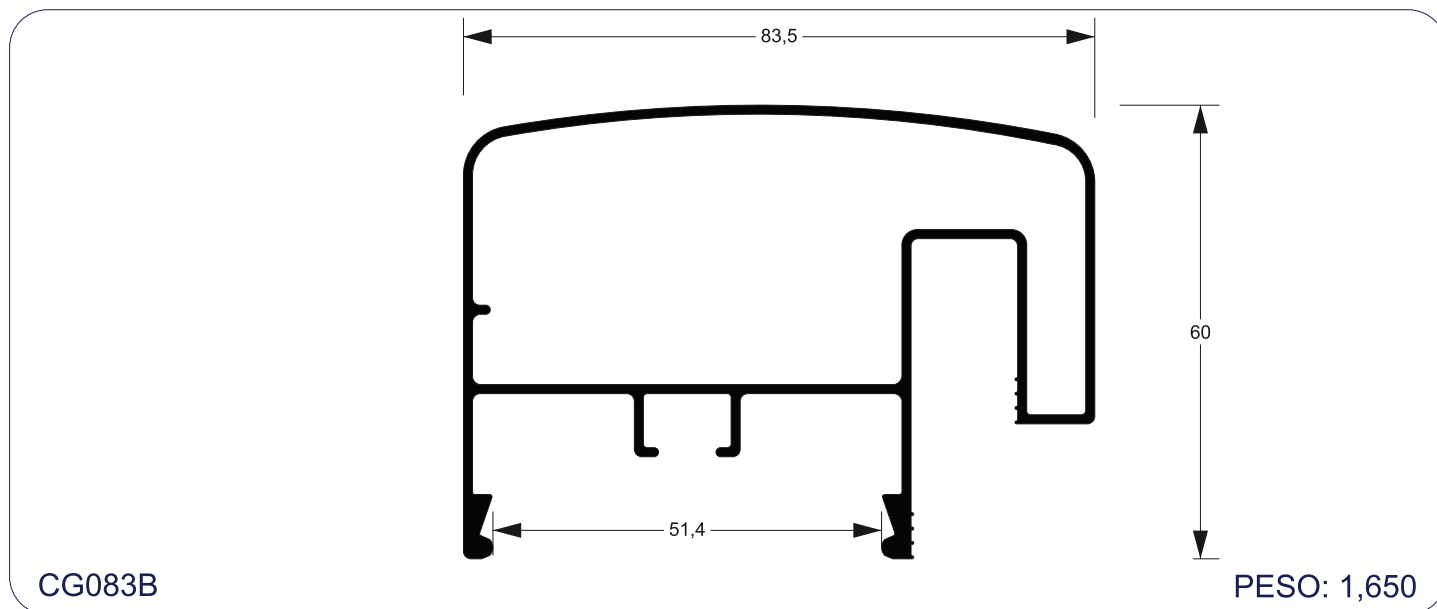
PESO: 0,381

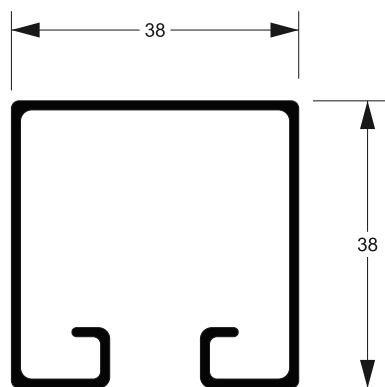


CG04

PESO: 0,194

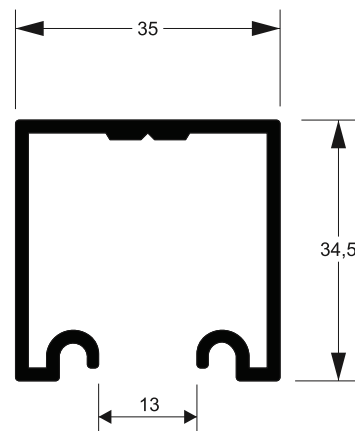






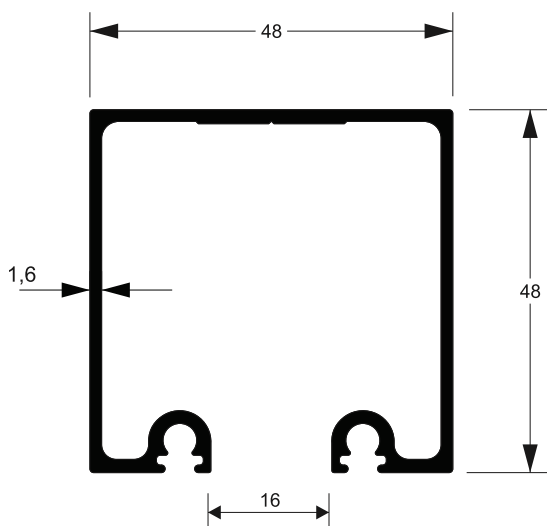
U990

PESO: 0,712



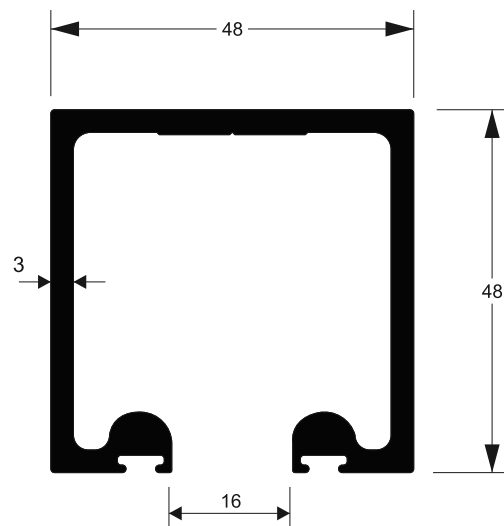
TC

PESO: 0,450



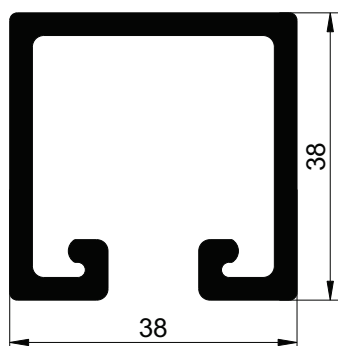
AL68

PESO: 0,950



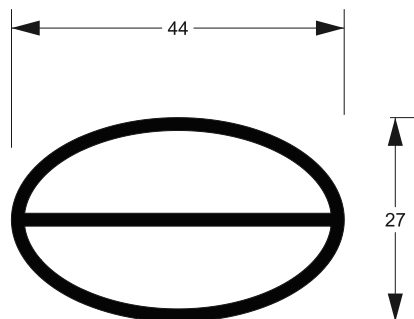
AL68P

PESO: 1,643



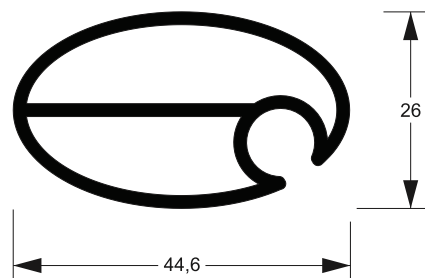
U990P

PESO: 0,747



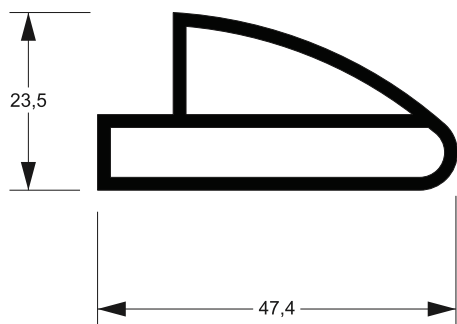
DV032

PESO: 0,757



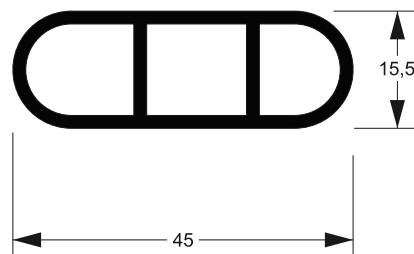
DV033

PESO: 0,778



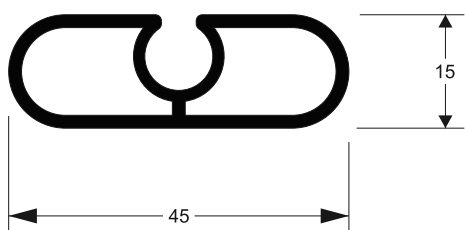
DV034

PESO: 0,703



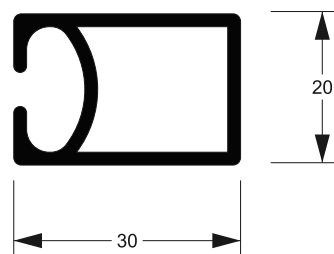
DV035

PESO: 0,628



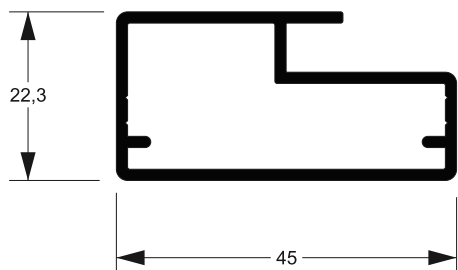
DV036

PESO: 0,598



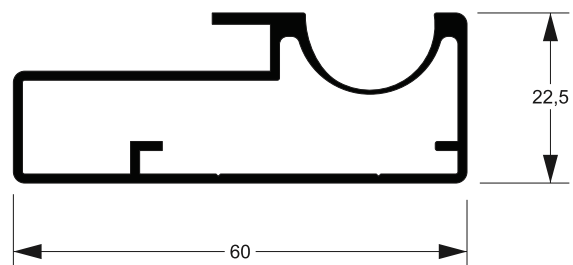
DV037

PESO: 0,520



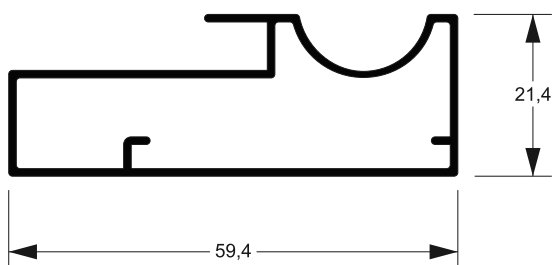
DV039

PESO: 0,630



DV040P

PESO: 0,720



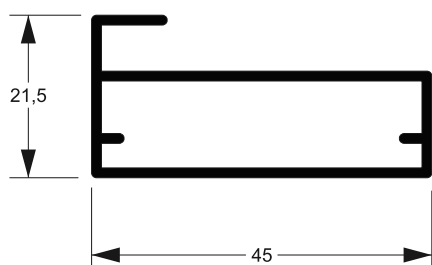
DV040

PESO: 0,550



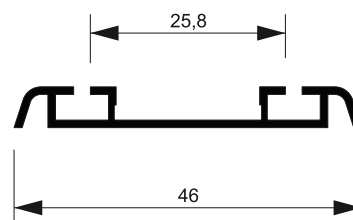
DV042

PESO: 0,410



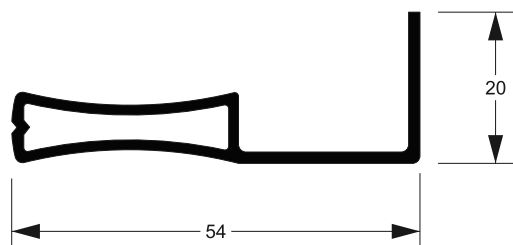
DV043

PESO: 0,559



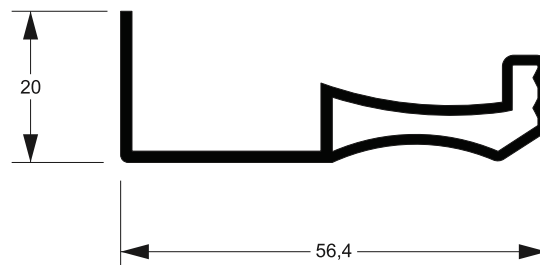
DV044

PESO: 0,222



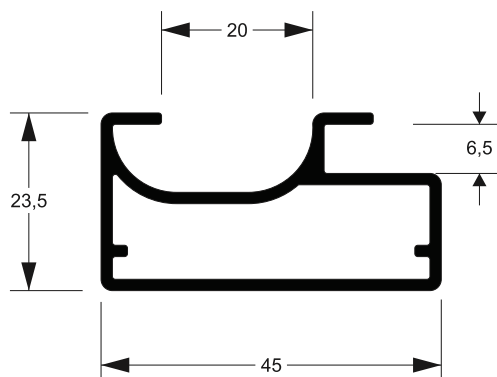
PX001

PESO: 0,420



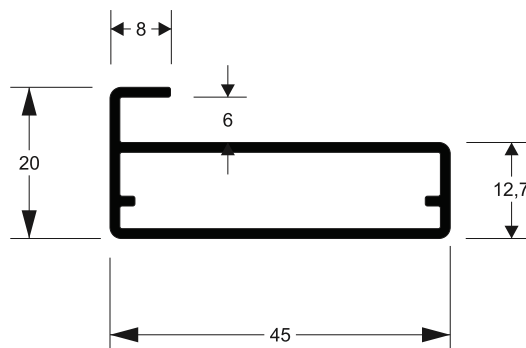
PX002

PESO: 0,456



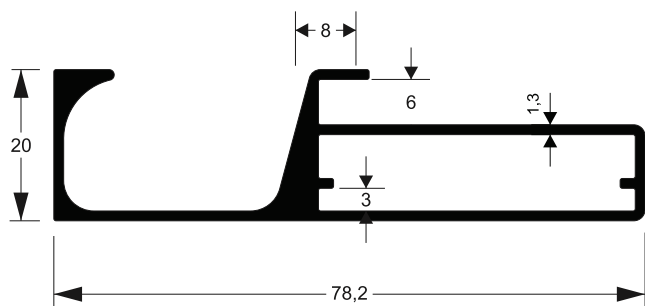
CR003

PESO: 0,683



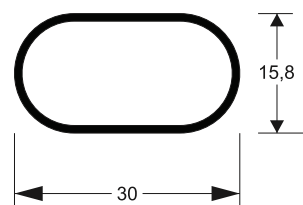
BR002

PESO: 0,633



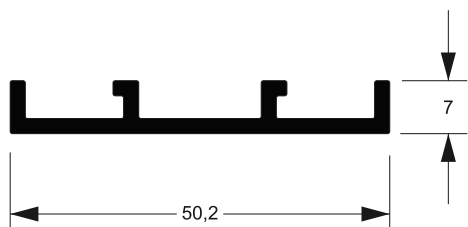
CR009

PESO: 0,920



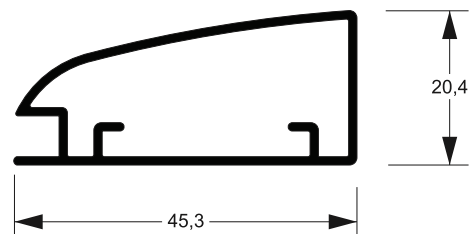
DES201

PESO: 0,210



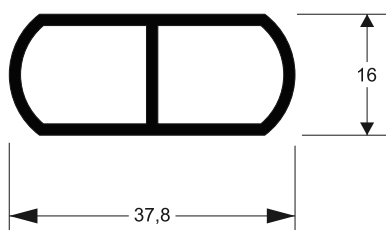
NBE044

PESO: 0,442



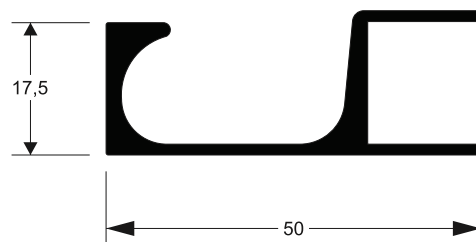
DV045

PESO: 0,407



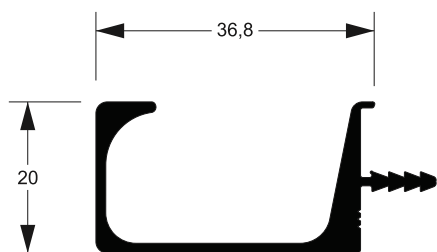
NBE047

PESO: 0,468



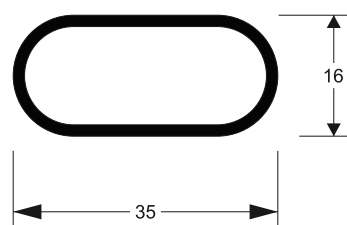
CR004

PESO: 0,505



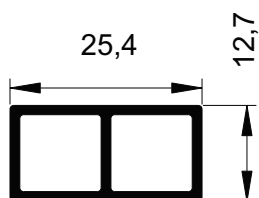
CR005

PESO: 0,448



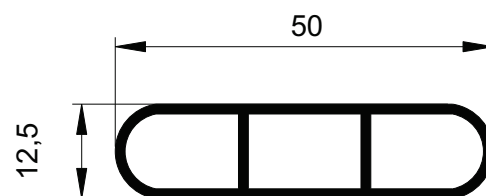
DE038

PESO: 0,352



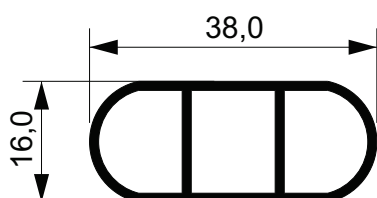
ALB-047

PESO:0,286



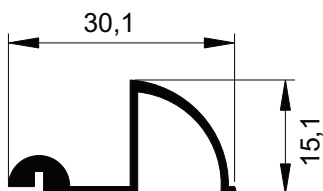
DV-050

PESO:0,457



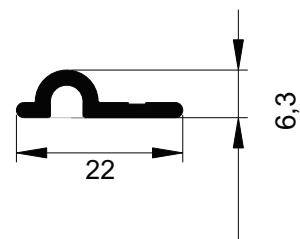
DV-038

PESO:0,410



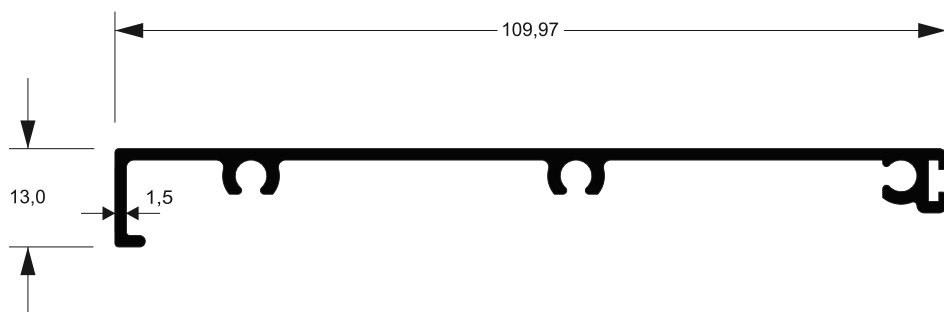
TE-005

PESO:0,126



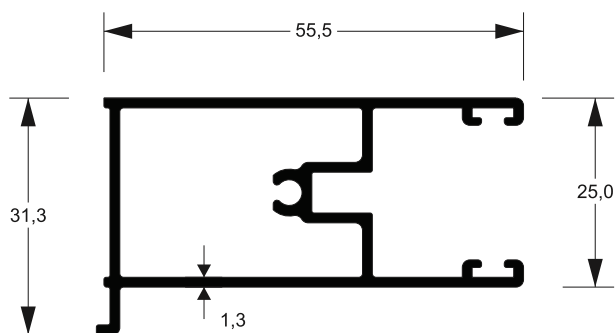
TE-004

PESO:0,160



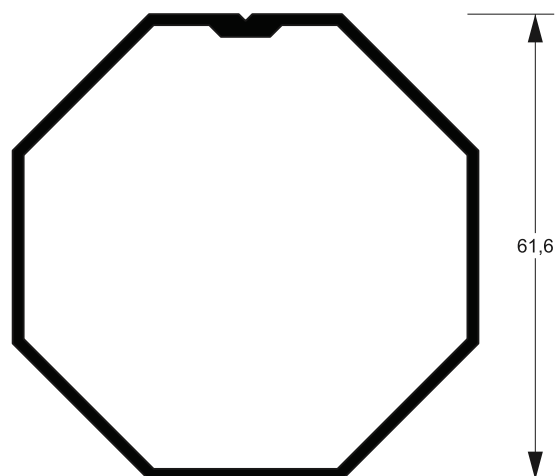
MN002

PESO: 0,669



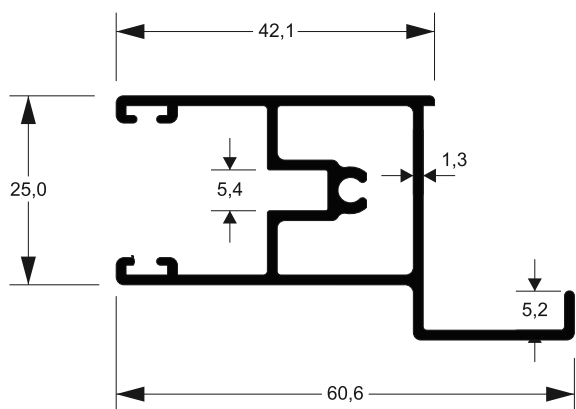
MN007

PESO: 0,710



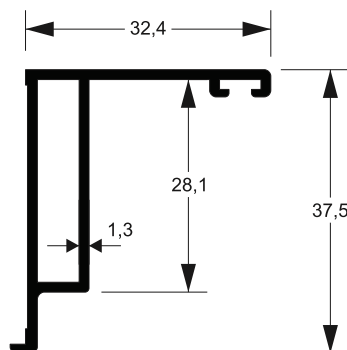
MN015

PESO: 0,815



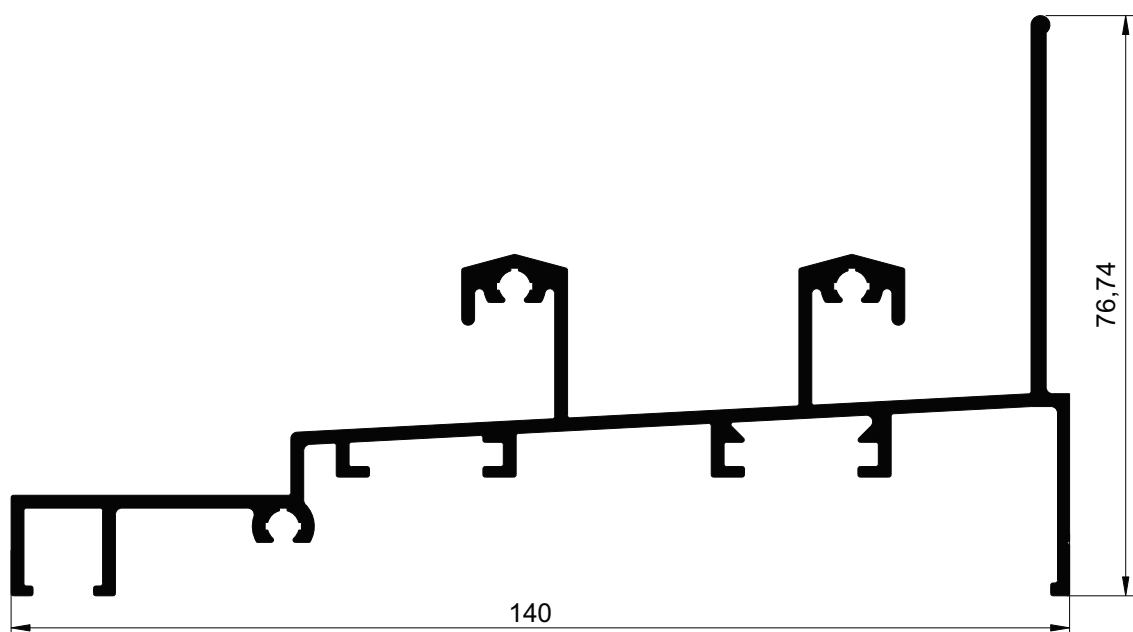
MN018

PESO: 0,699



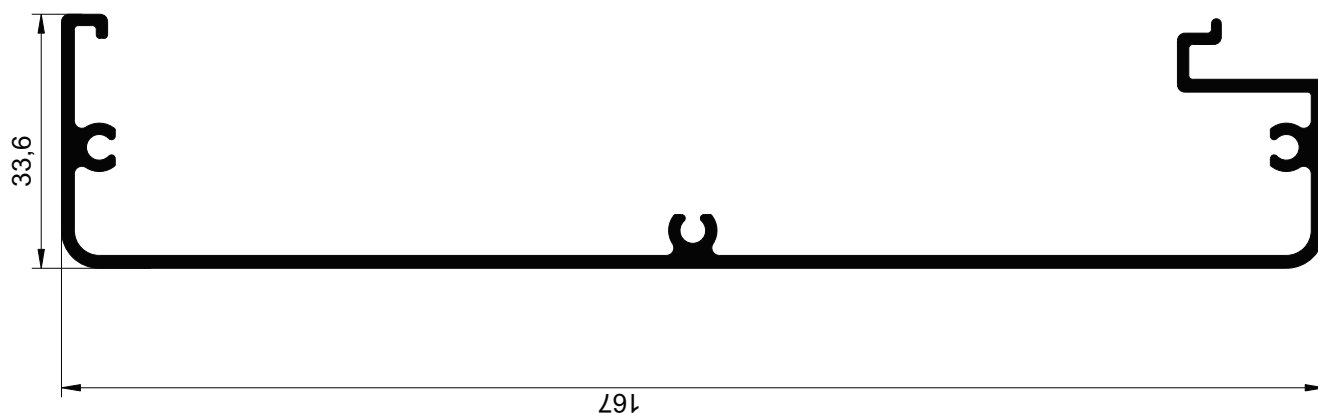
MN019

PESO: 0,392



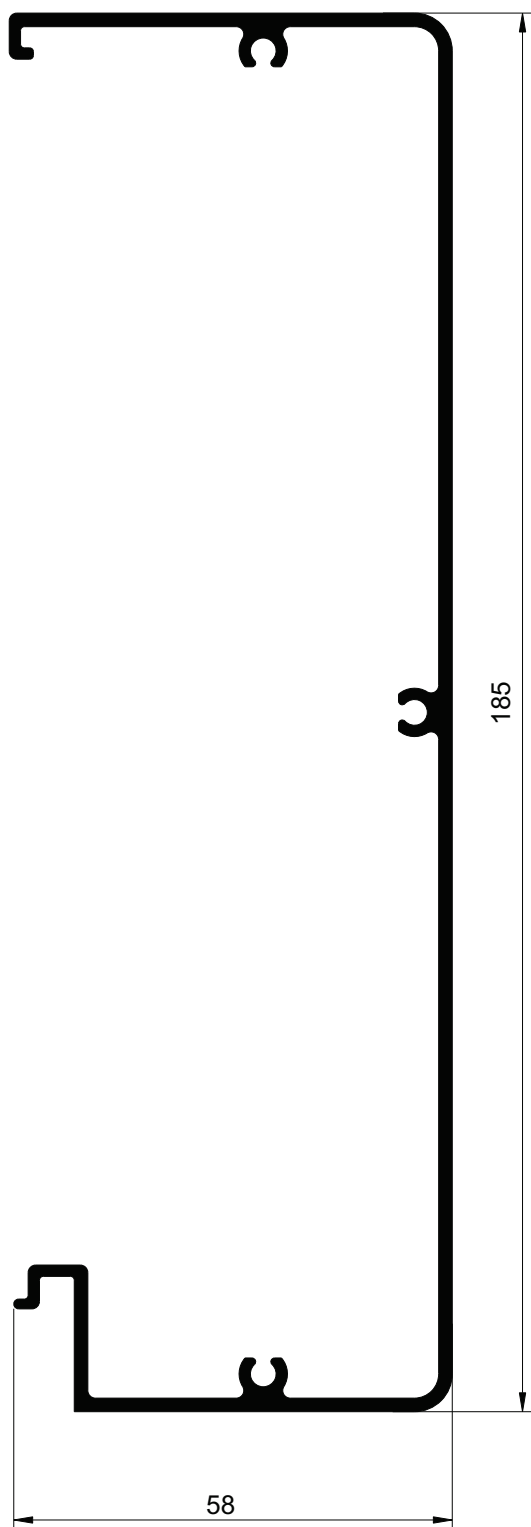
MN030

PESO:1,900



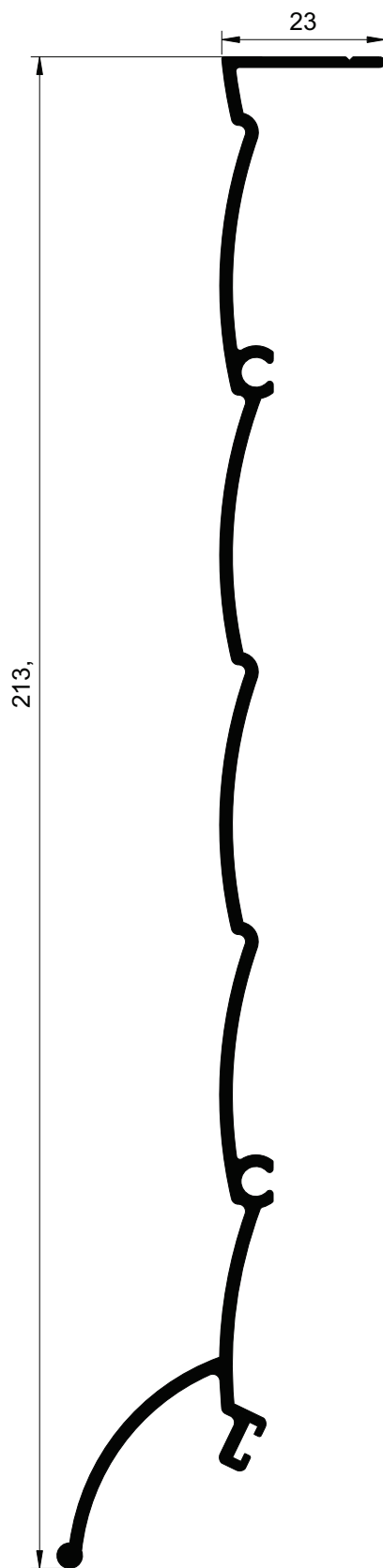
MN031

PESO:1,331



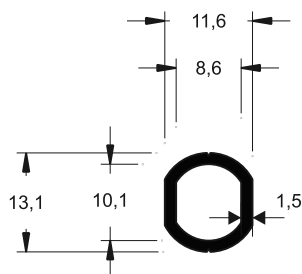
MN032

PESO:1,723



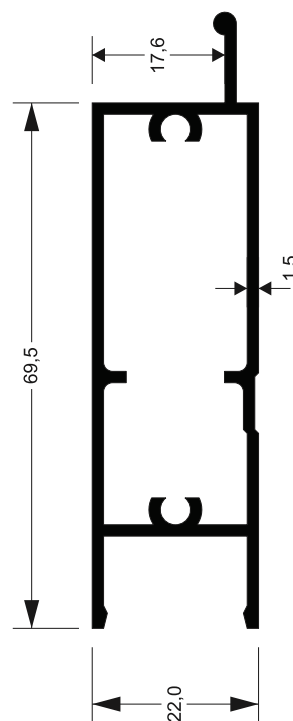
MN039

PESO:1,400



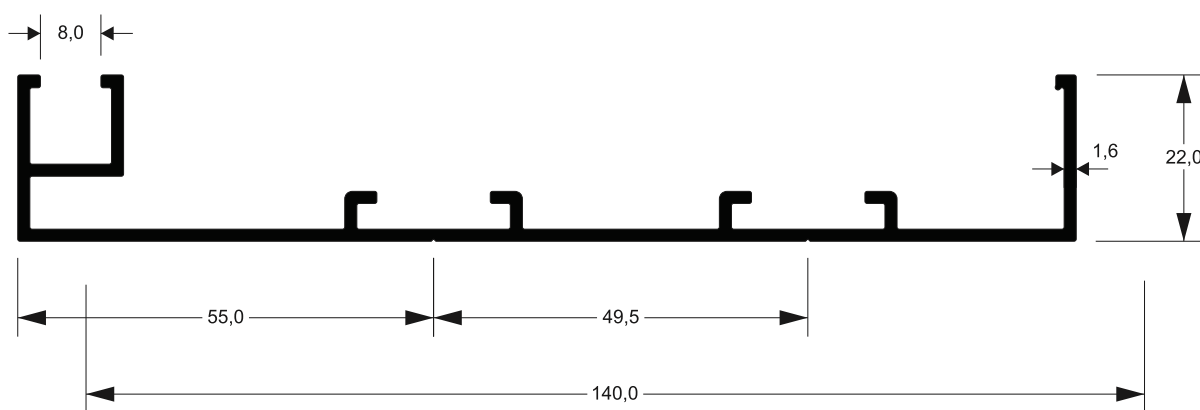
MN034

PESO: 0,146



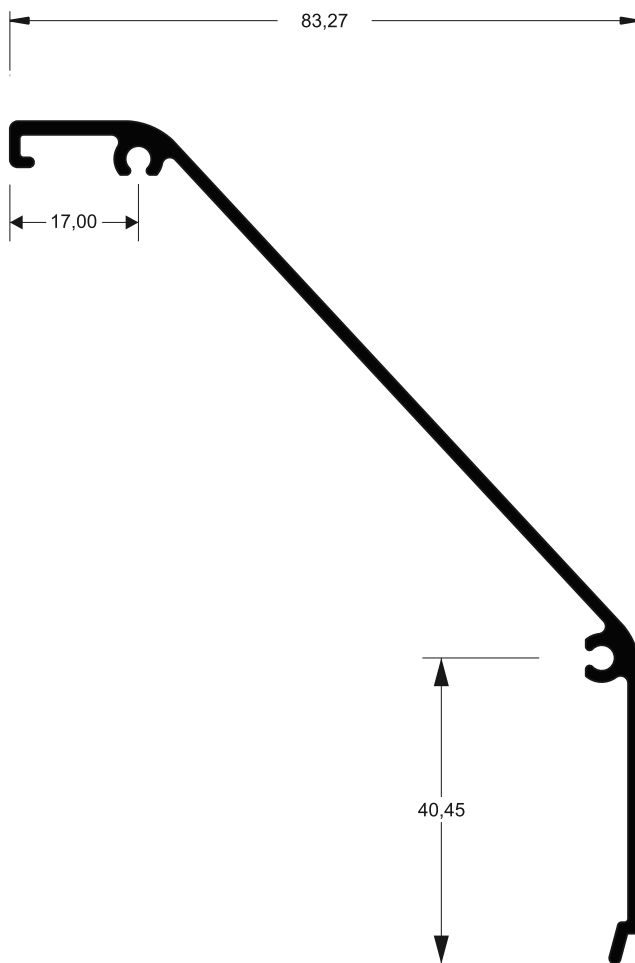
MN038

PESO: 0,872



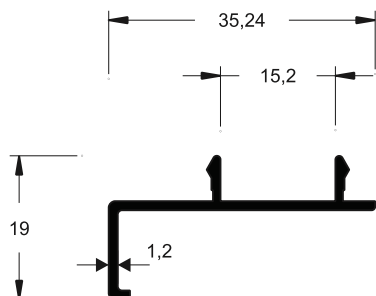
MN003

PESO: 1,037



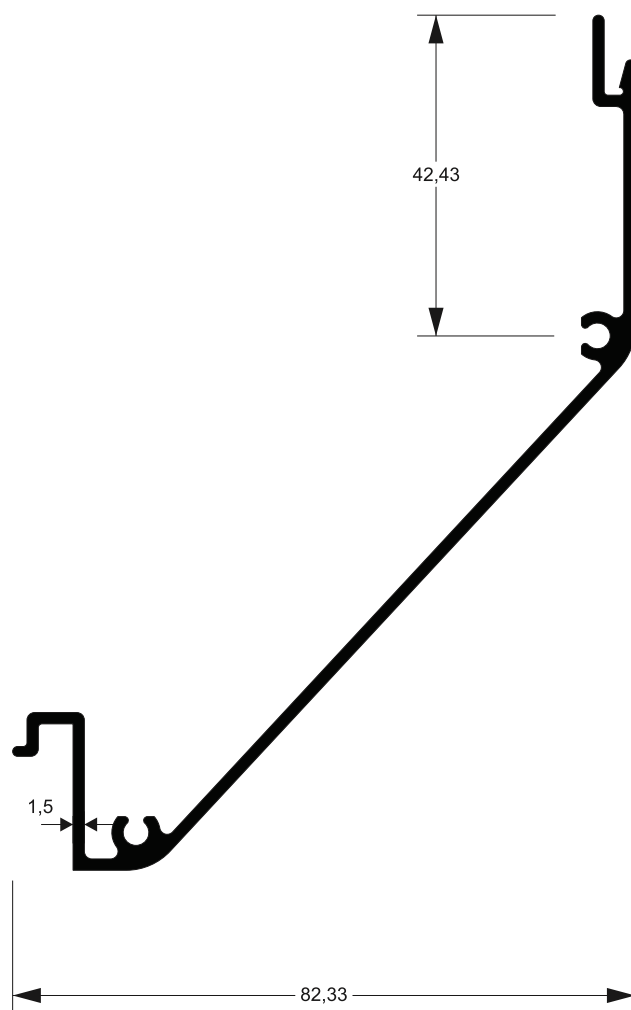
MN005

PESO: 0,779



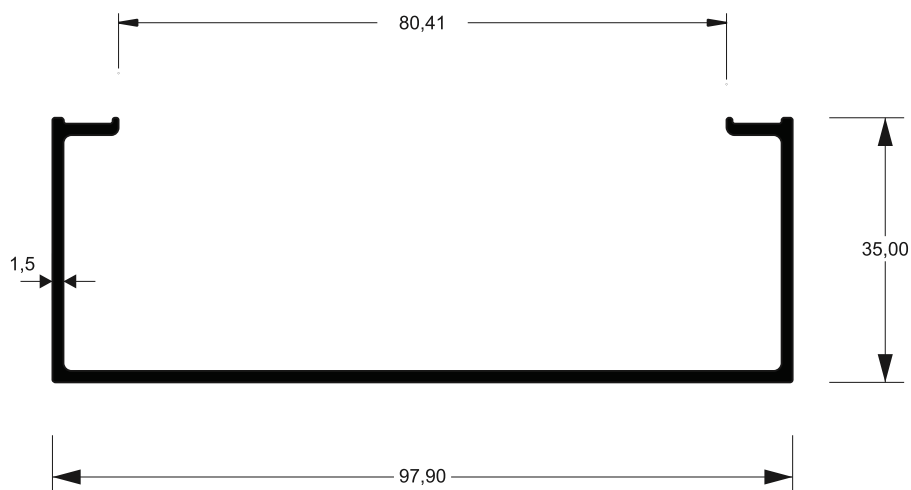
MN022

PESO: 0,197



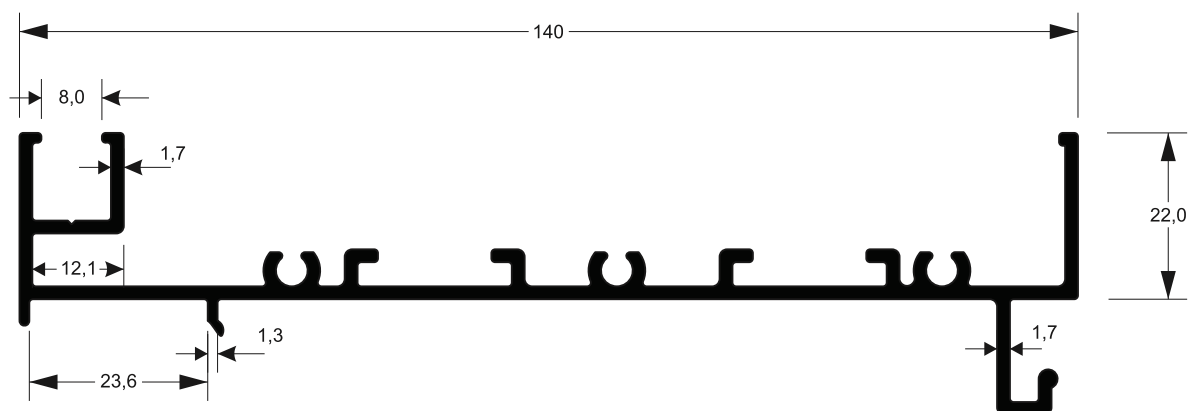
MN006

PESO: 0,876



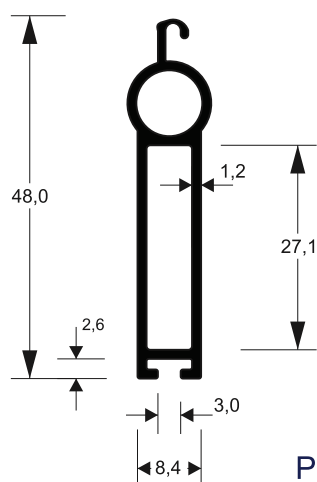
MN050

PESO: 0,729



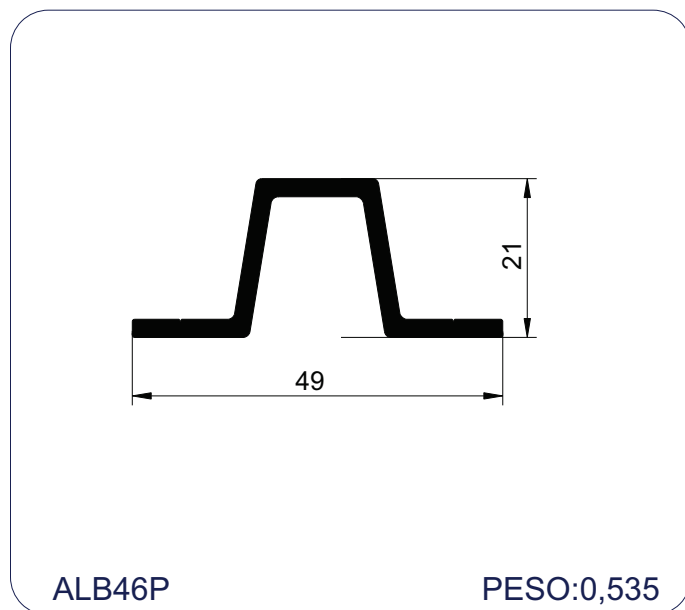
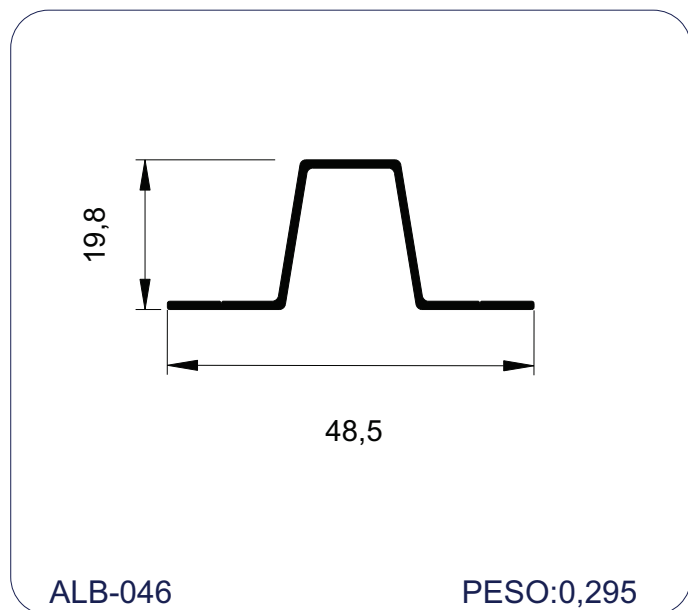
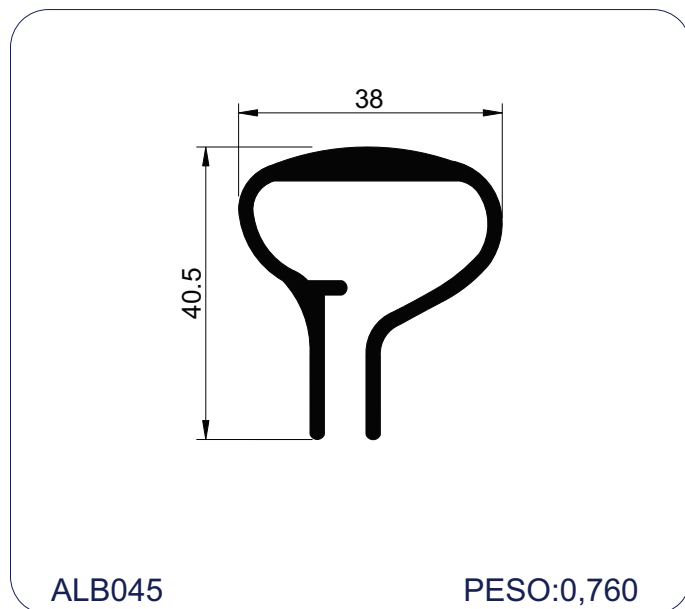
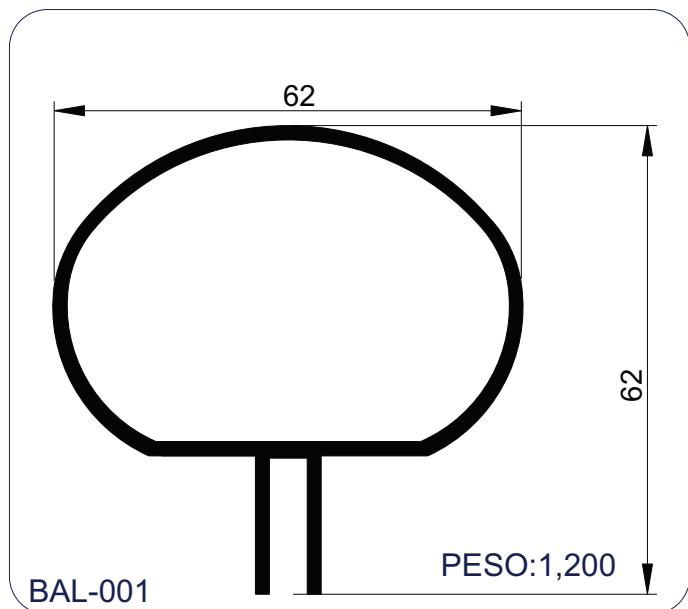
MN001

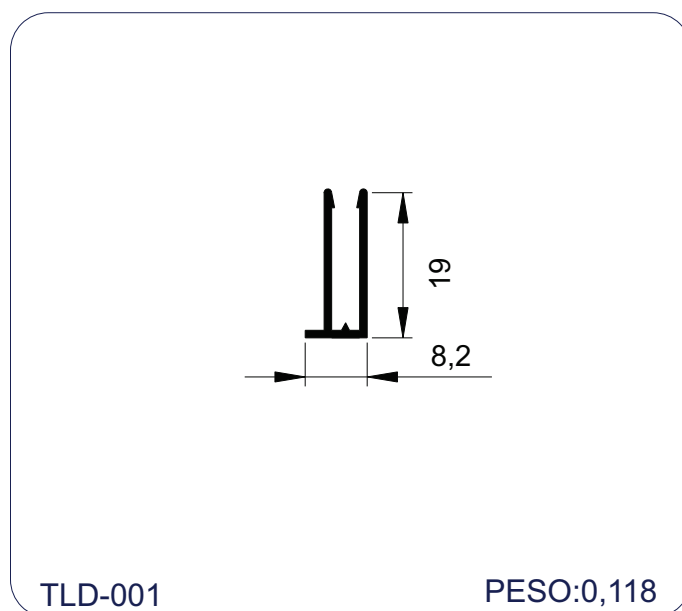
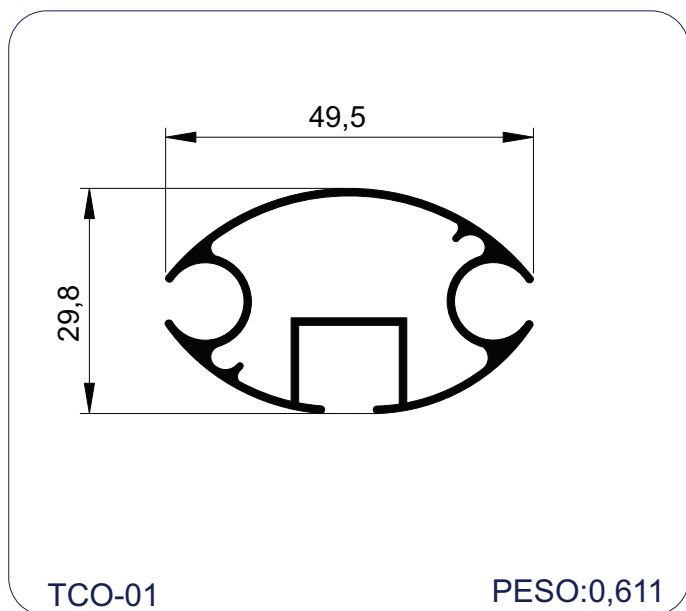
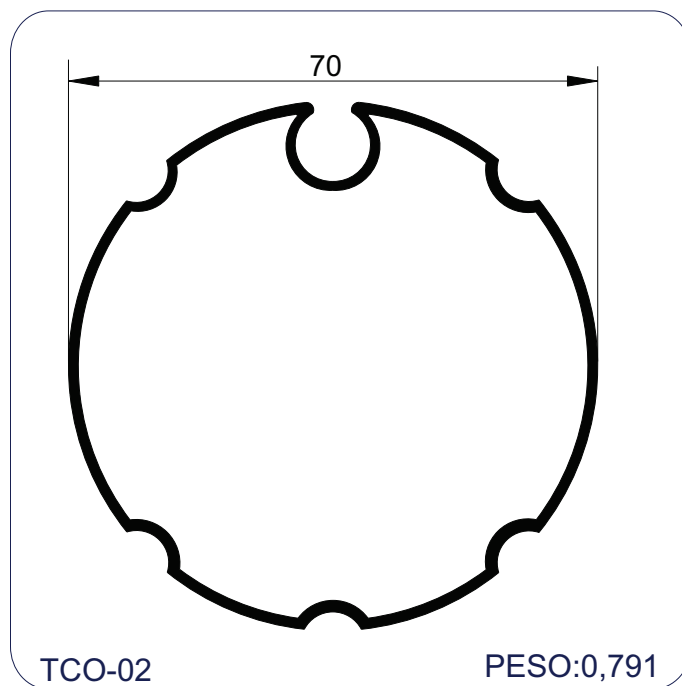
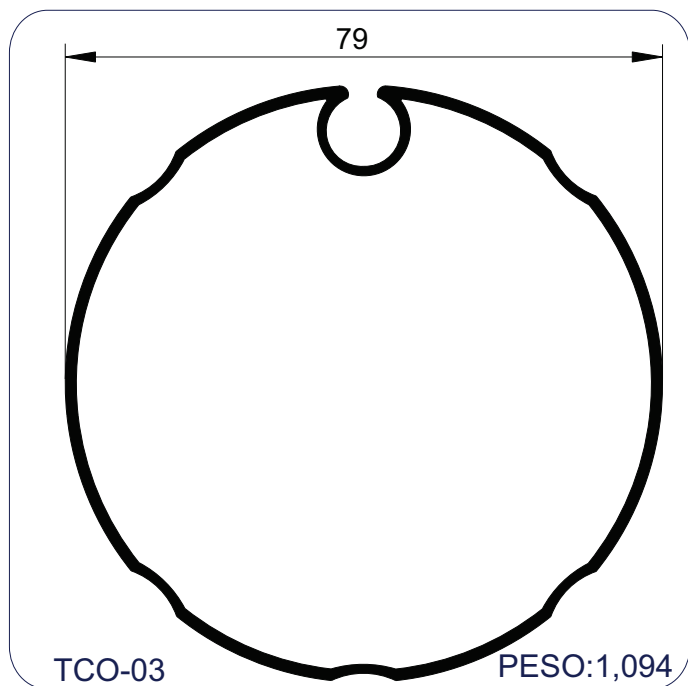
PESO: 1,373

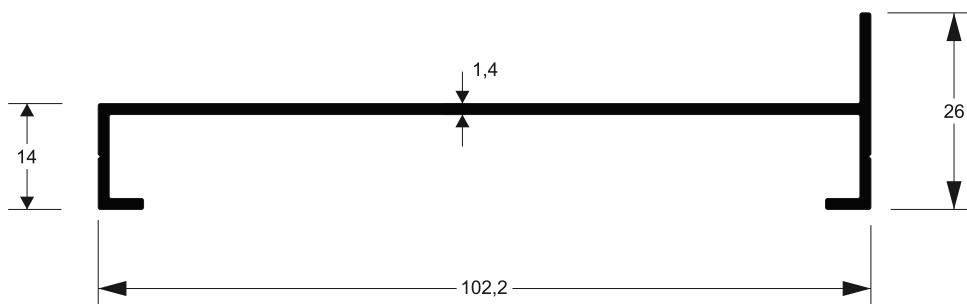


MN055

PESO: 0,372

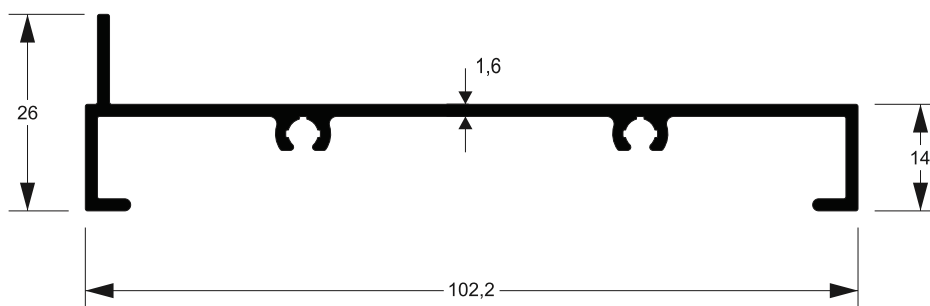






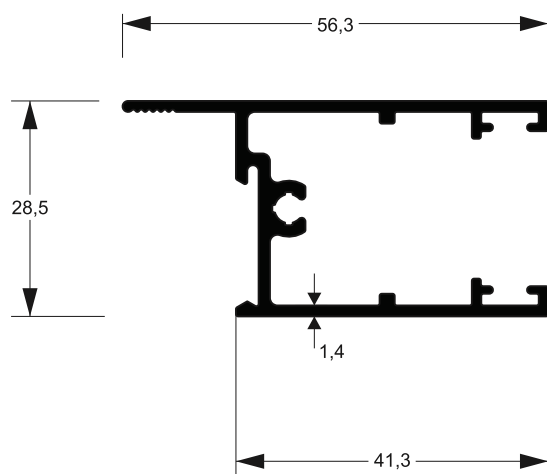
LG002

PESO: 0,582



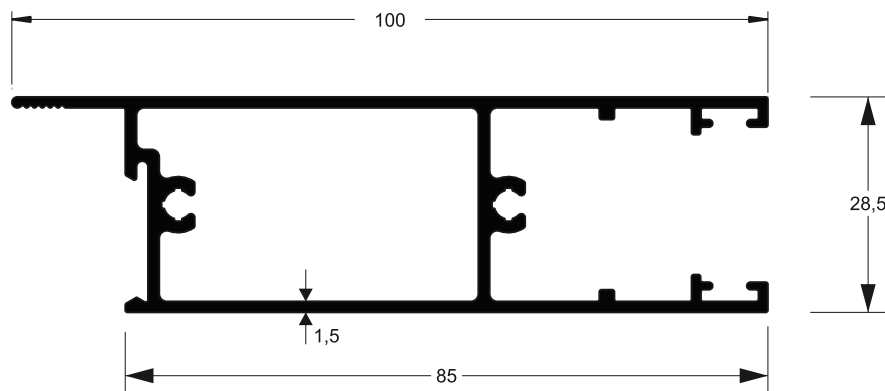
LG003

PESO: 0,733



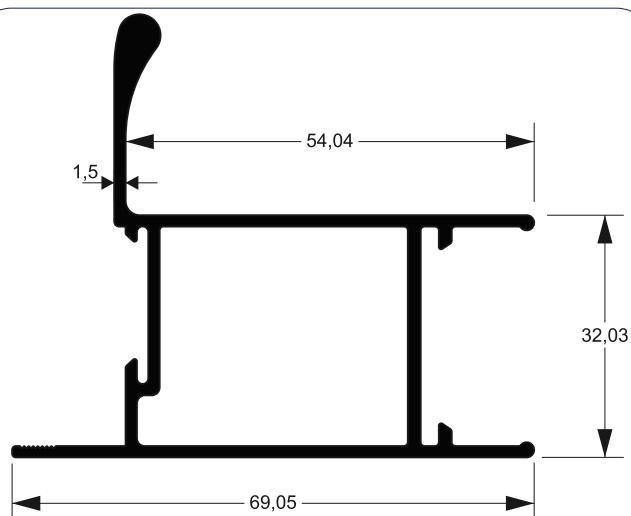
LG006

PESO: 0,637



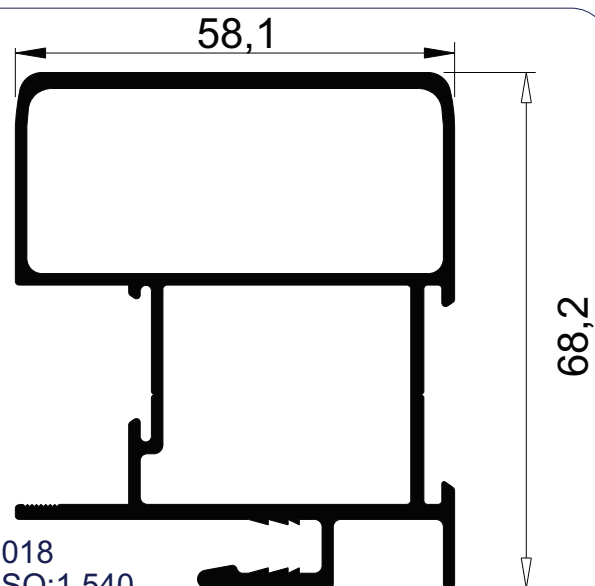
LG007

PESO: 1,141

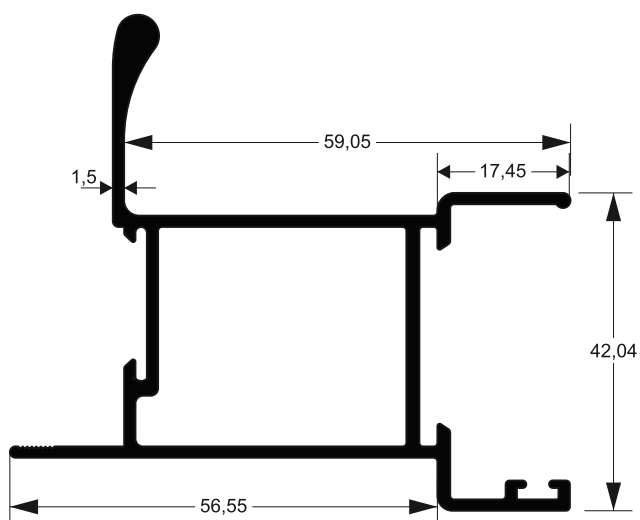


LG017

PESO: 1,010

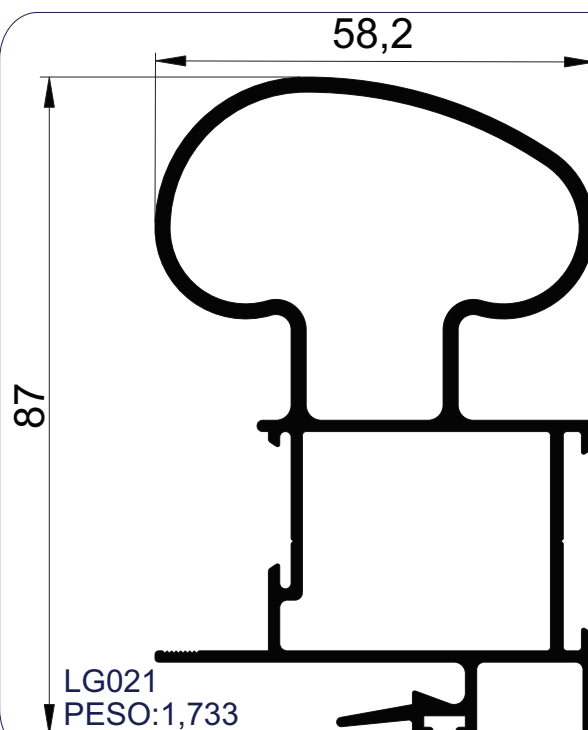


LG018
PESO: 1,540

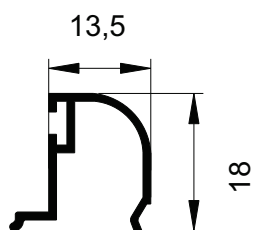


LG020

PESO: 1,119

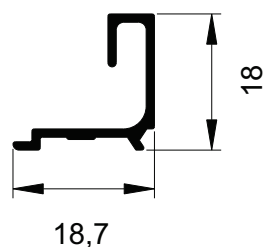


LG021
PESO: 1,733



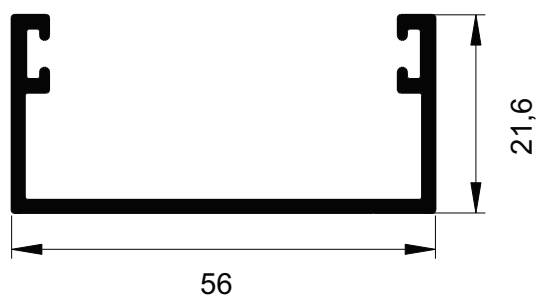
LG026

PESO:0,167



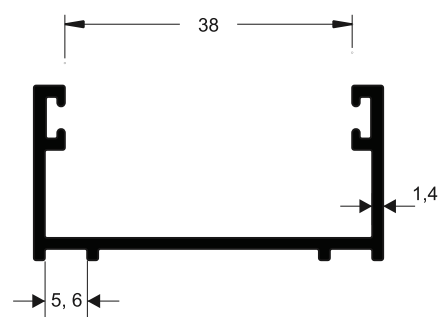
LG027

PESO:0,151



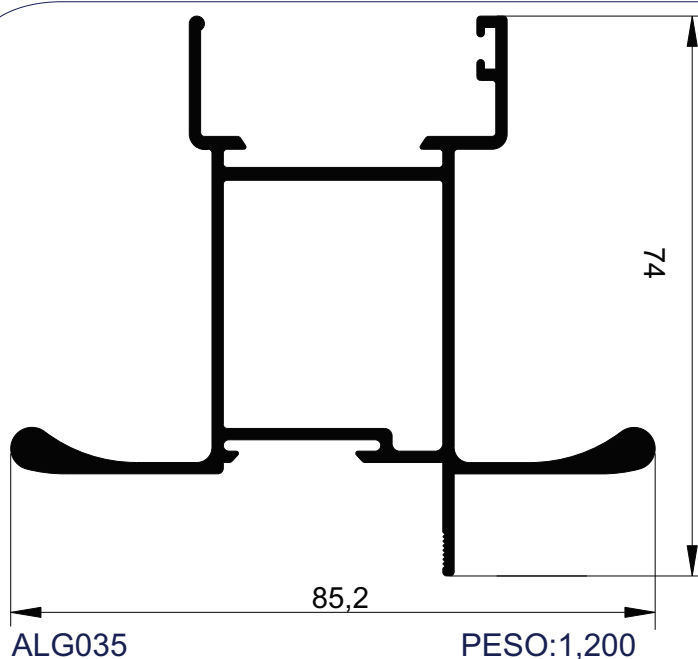
LG028A

PESO:0,436



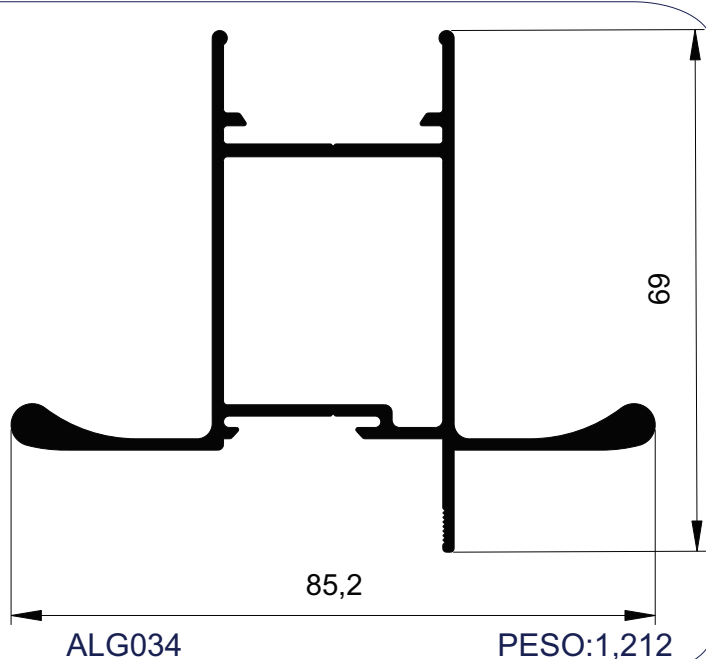
LG028

PESO: 0,424



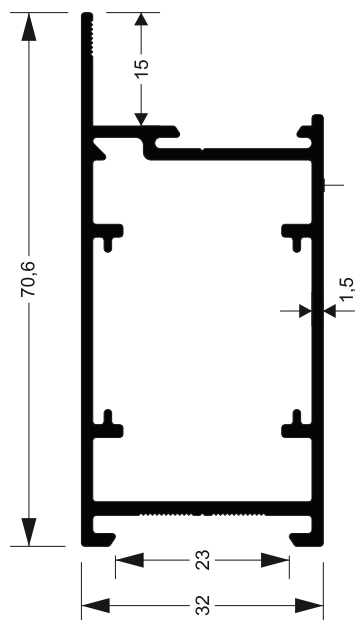
ALG035

PESO:1,200



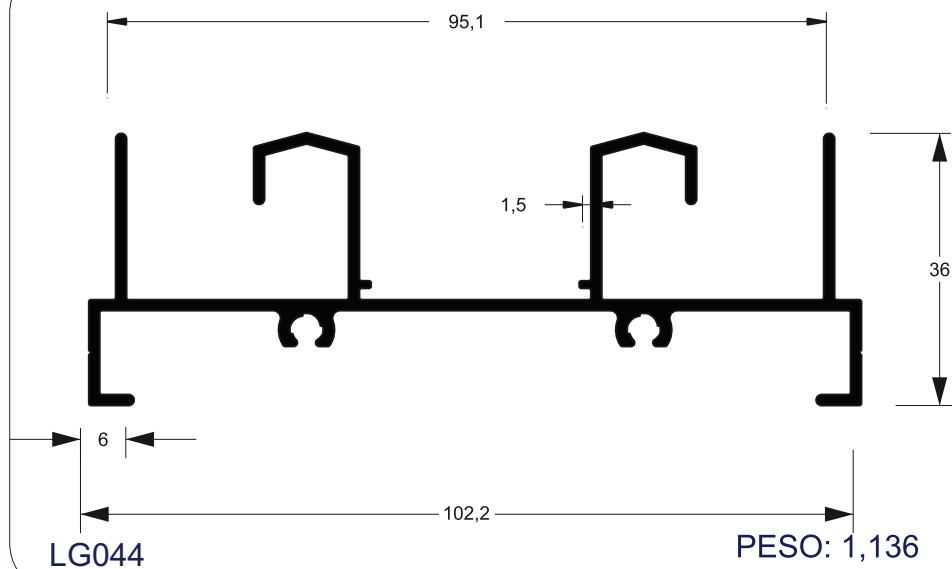
ALG034

PESO:1,212



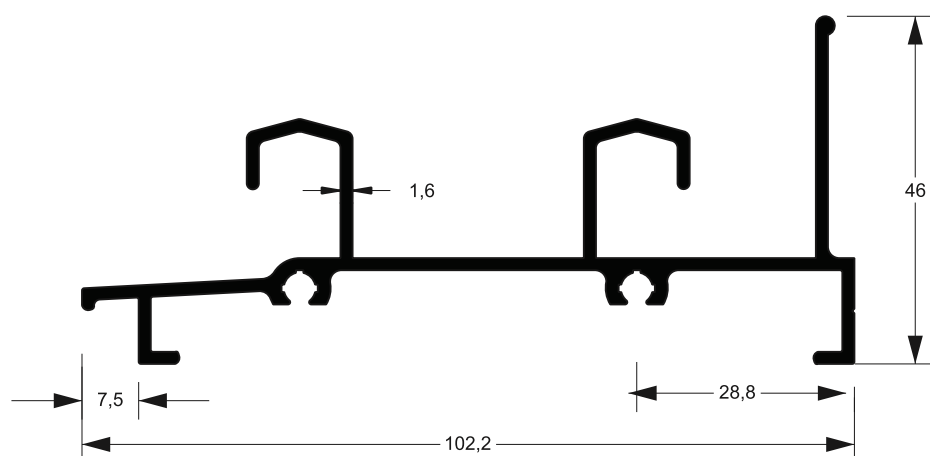
LG043

PESO: 0,930



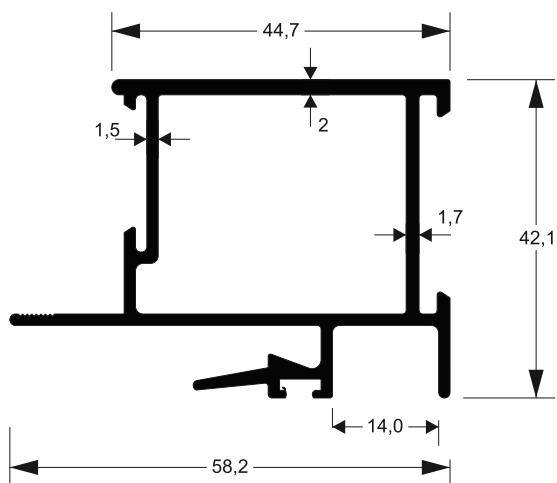
LG044

PESO: 1,136



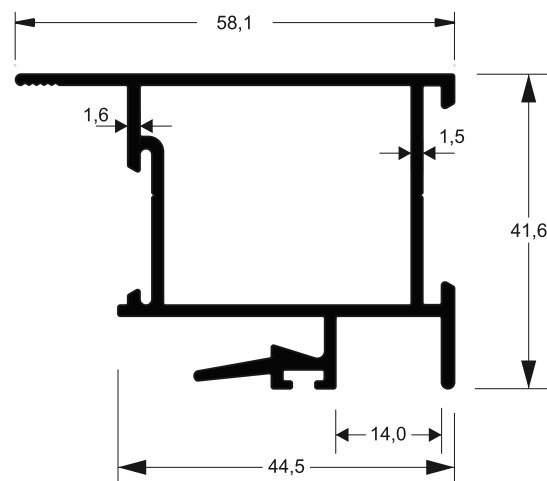
LG047

PESO: 1,134



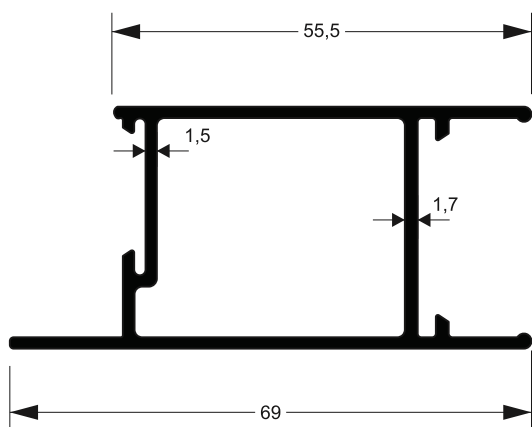
LG048

PESO: 0,965



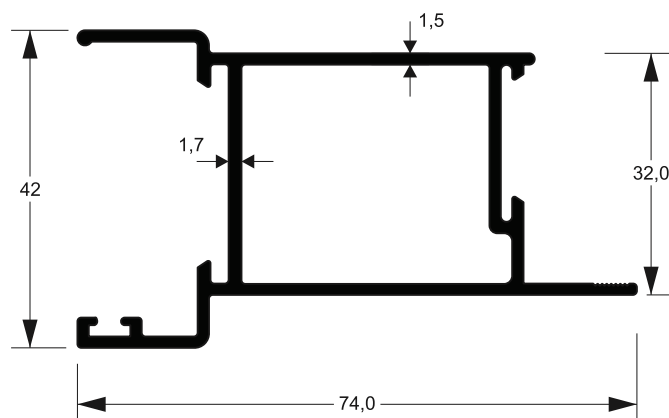
LG049

PESO: 0,885



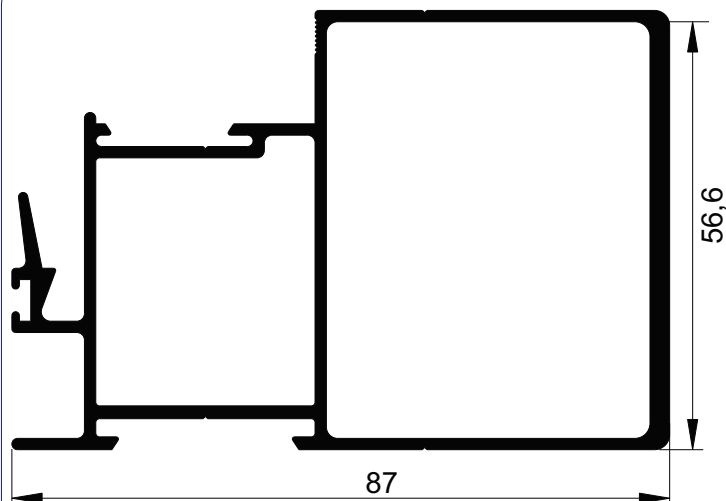
LG050

PESO: 0,819



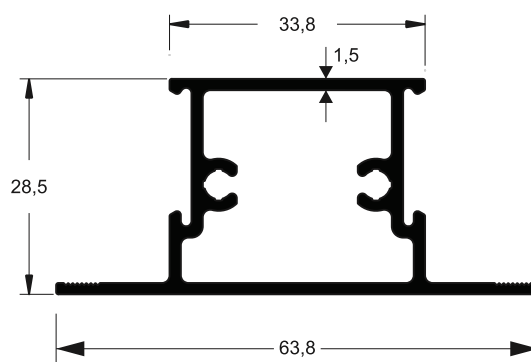
LG051

PESO: 0,913



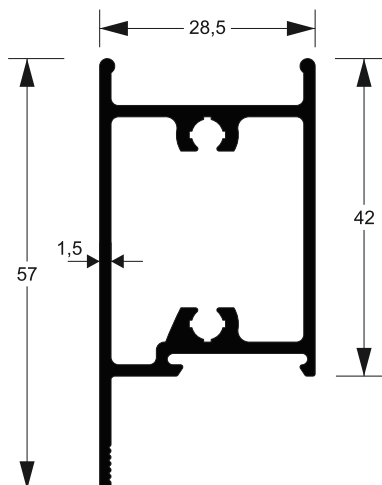
LG052

PESO: 1,669



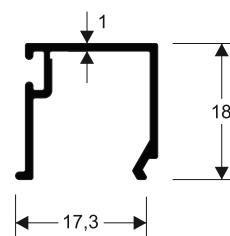
LG055

PESO: 0,730



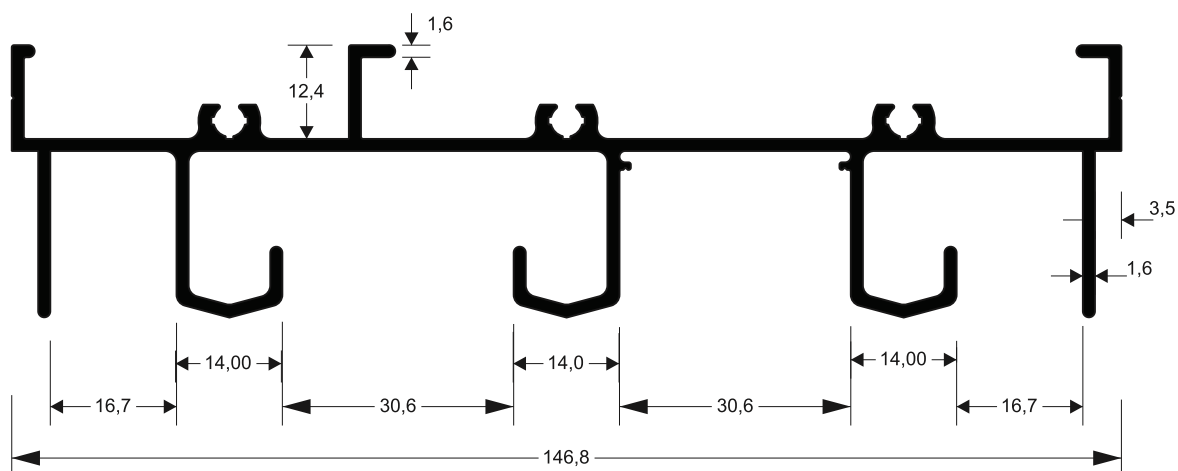
LG058

PESO: 0,756



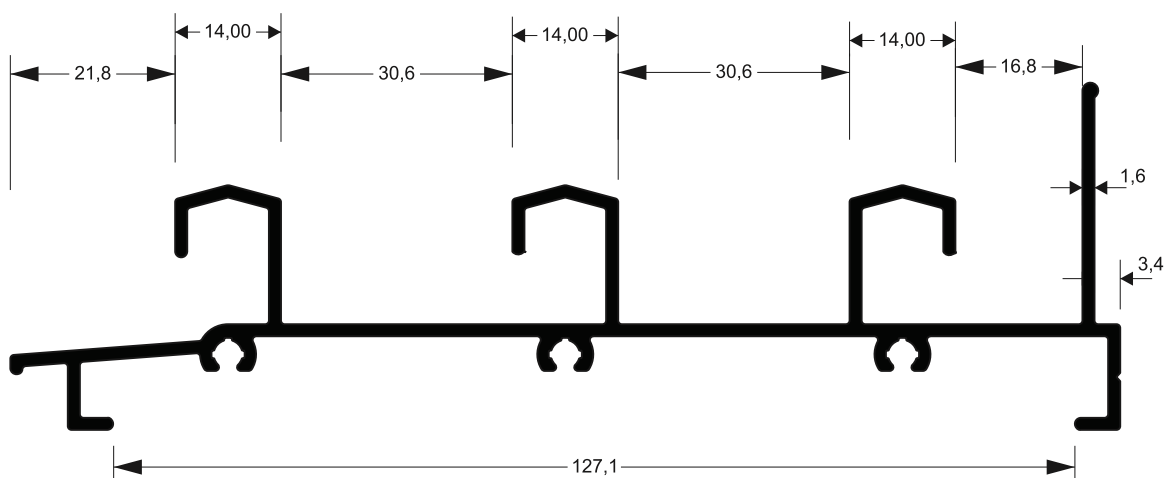
LG059

PESO: 0,160



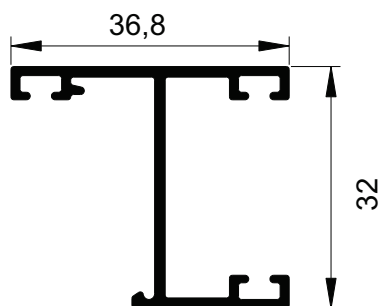
LG062

PESO: 1,730



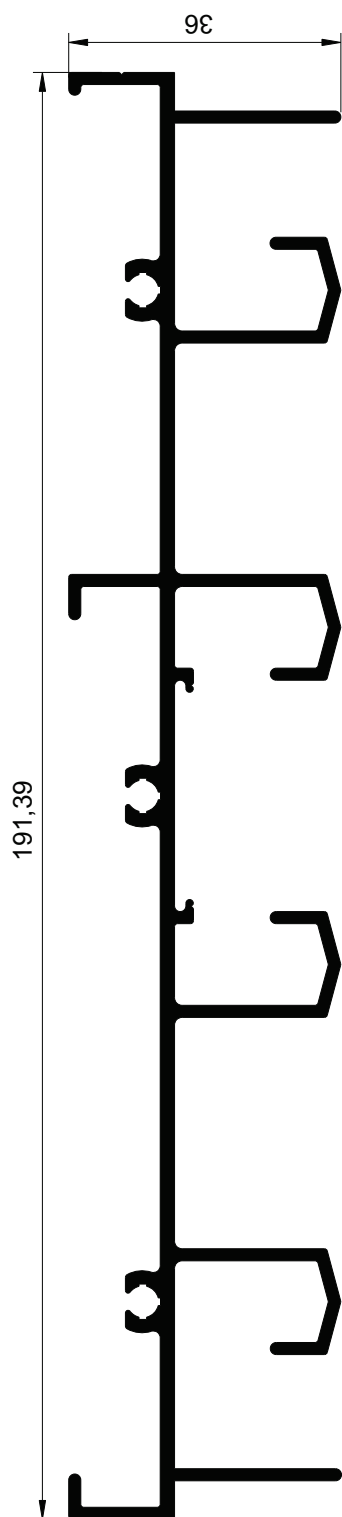
LG066

PESO: 1,518



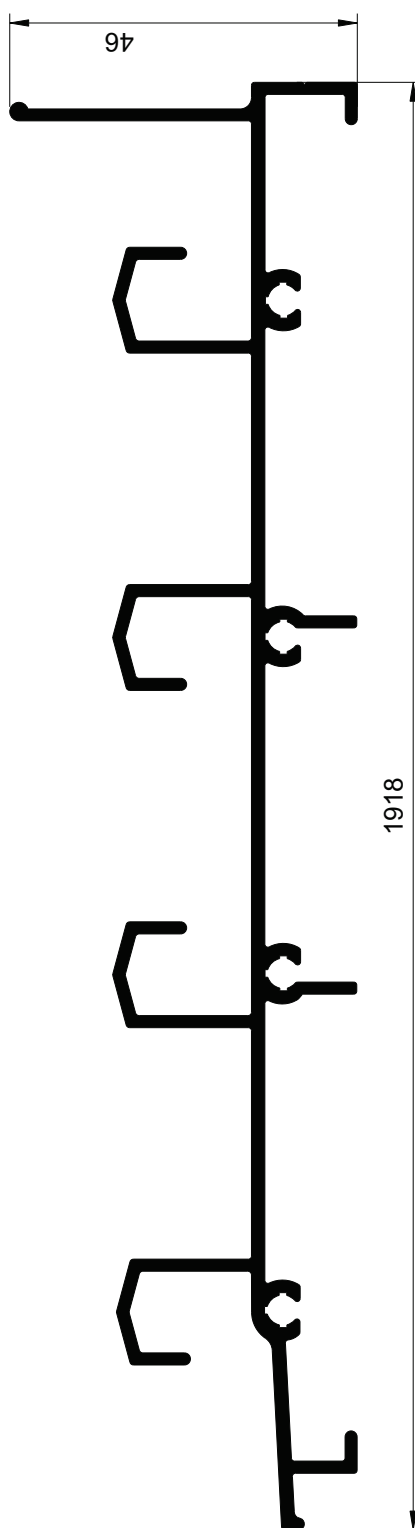
LG068

PESO: 0,405



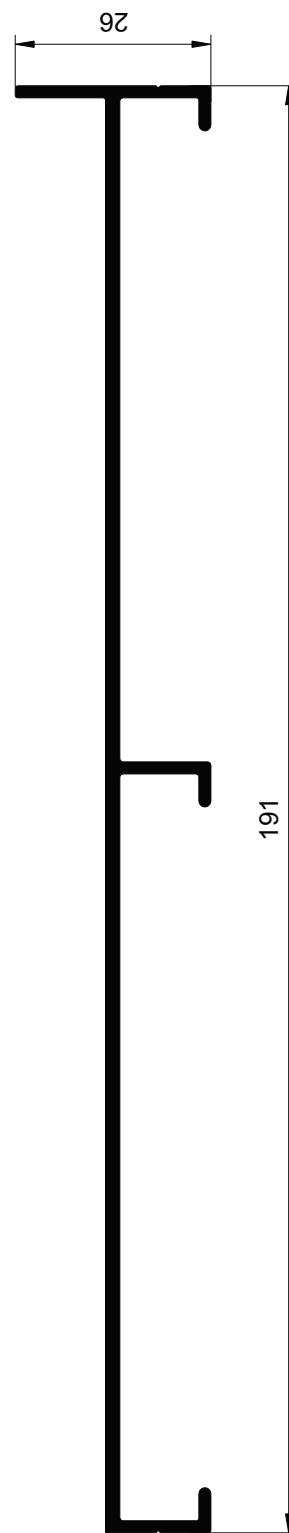
LG070

PESO:2,273



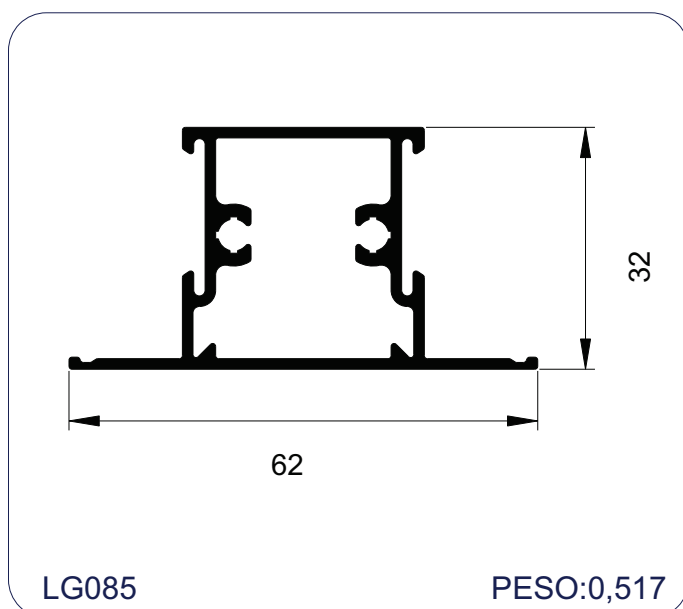
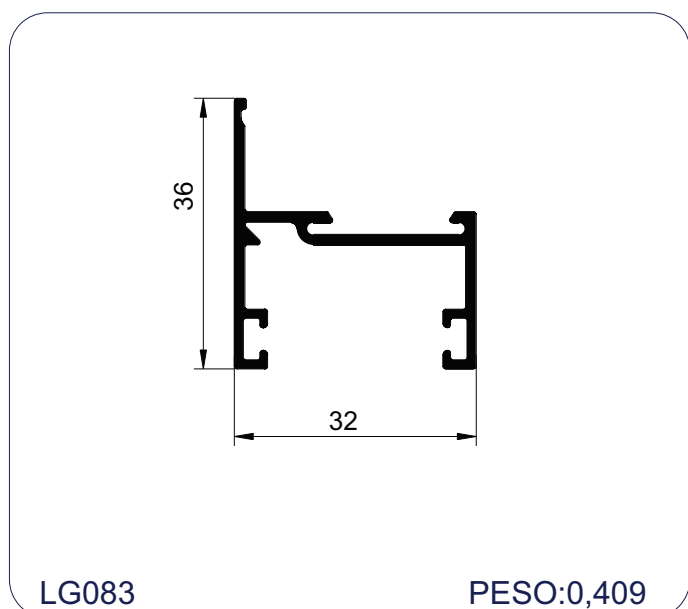
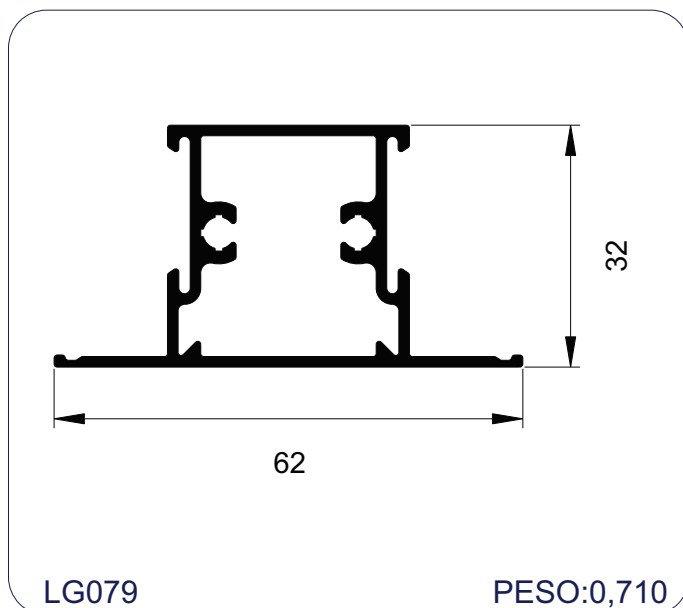
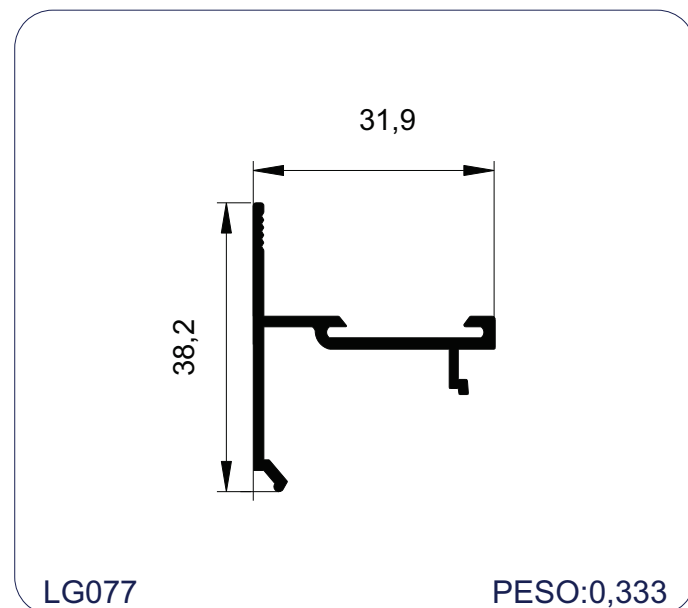
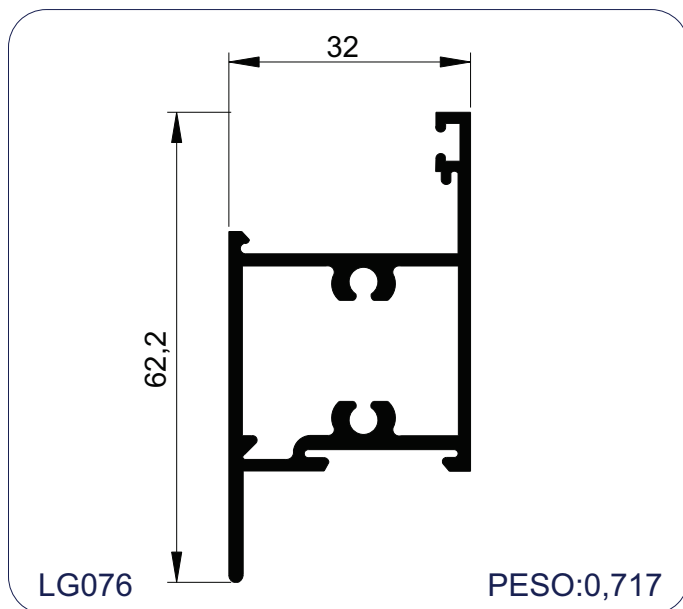
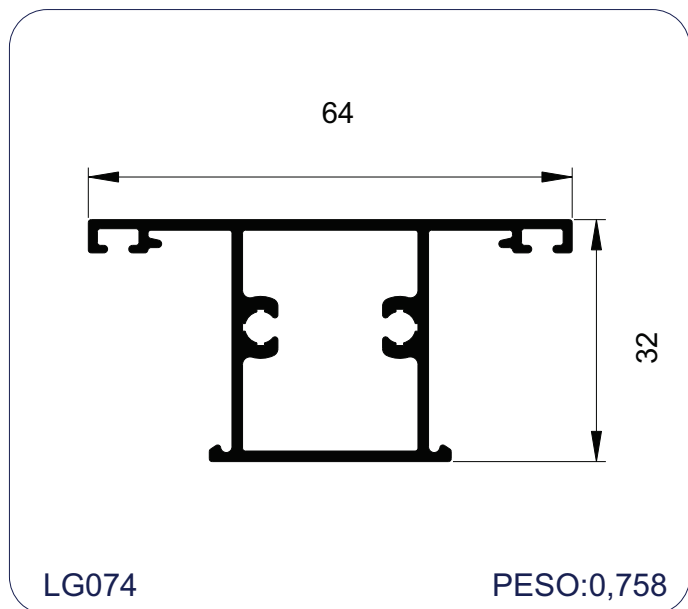
LG071

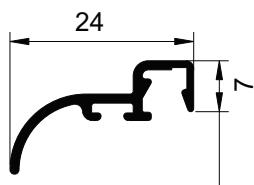
PESO:2,120



LG072

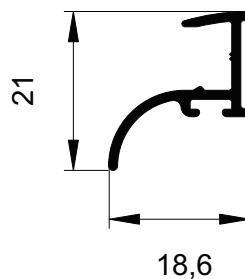
PESO:1,250





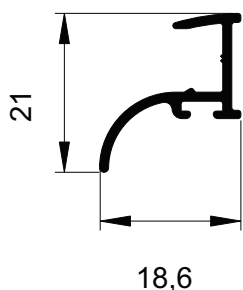
LG091

PESO:0,151



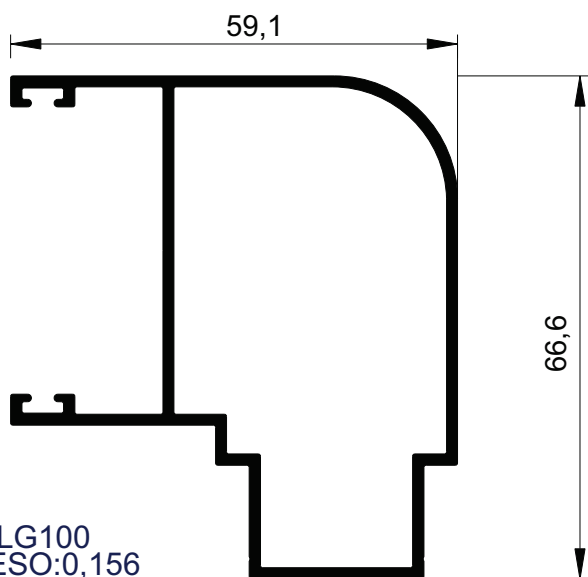
LG092

PESO:0,173

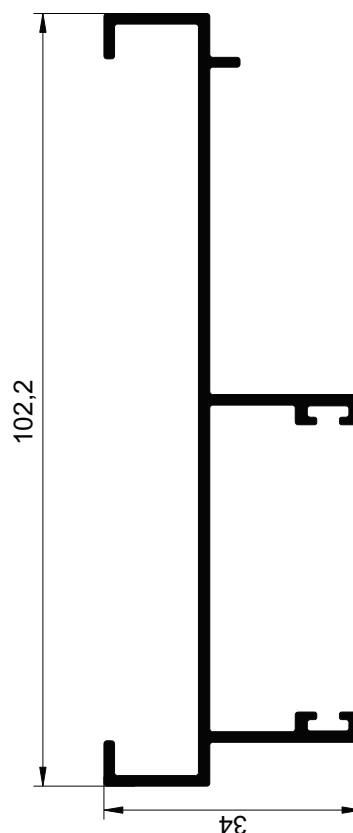


LG095

PESO:0,156

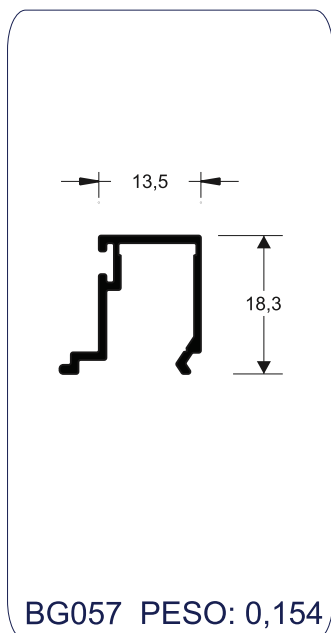
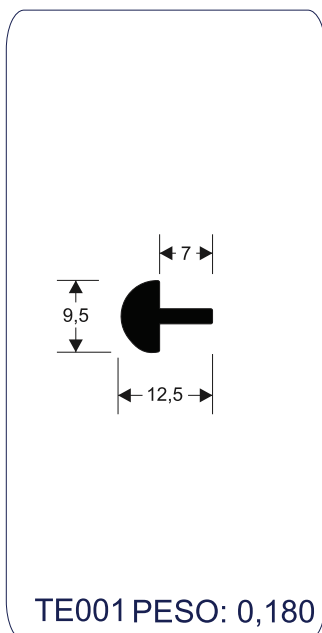
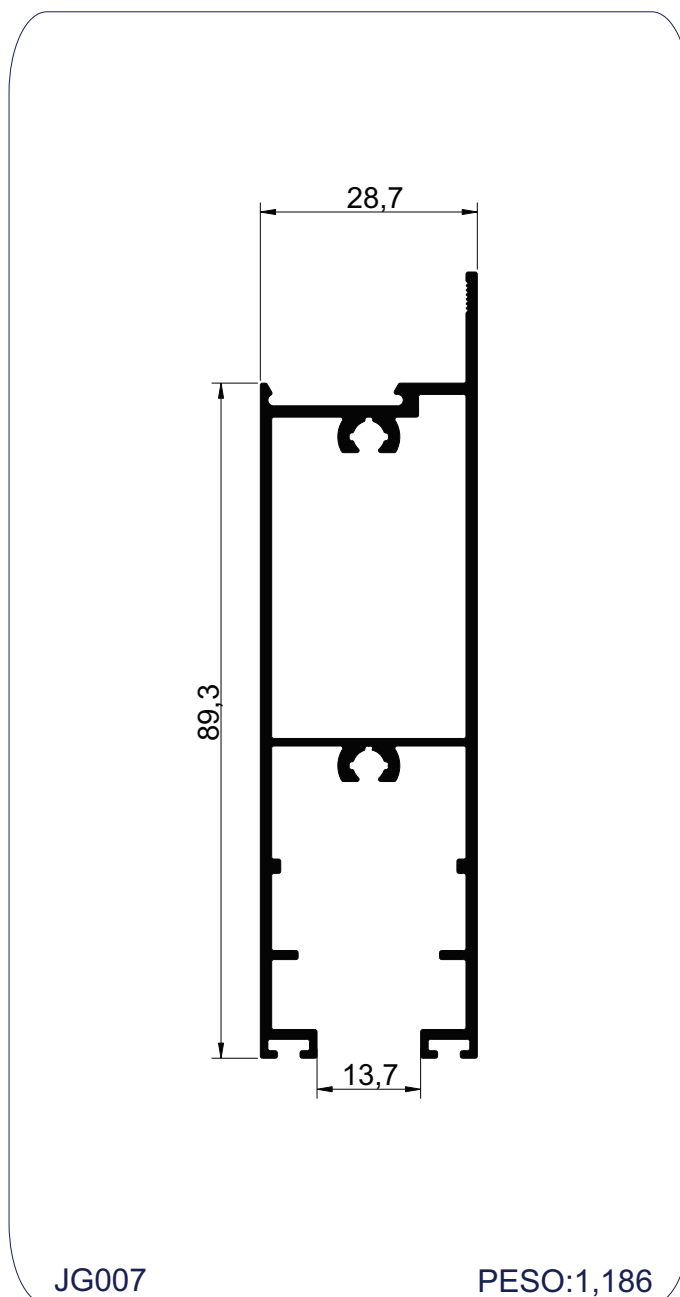
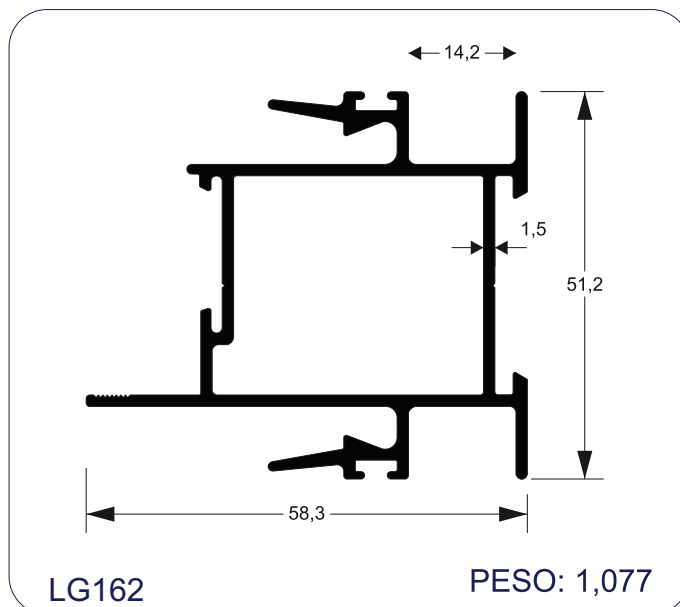
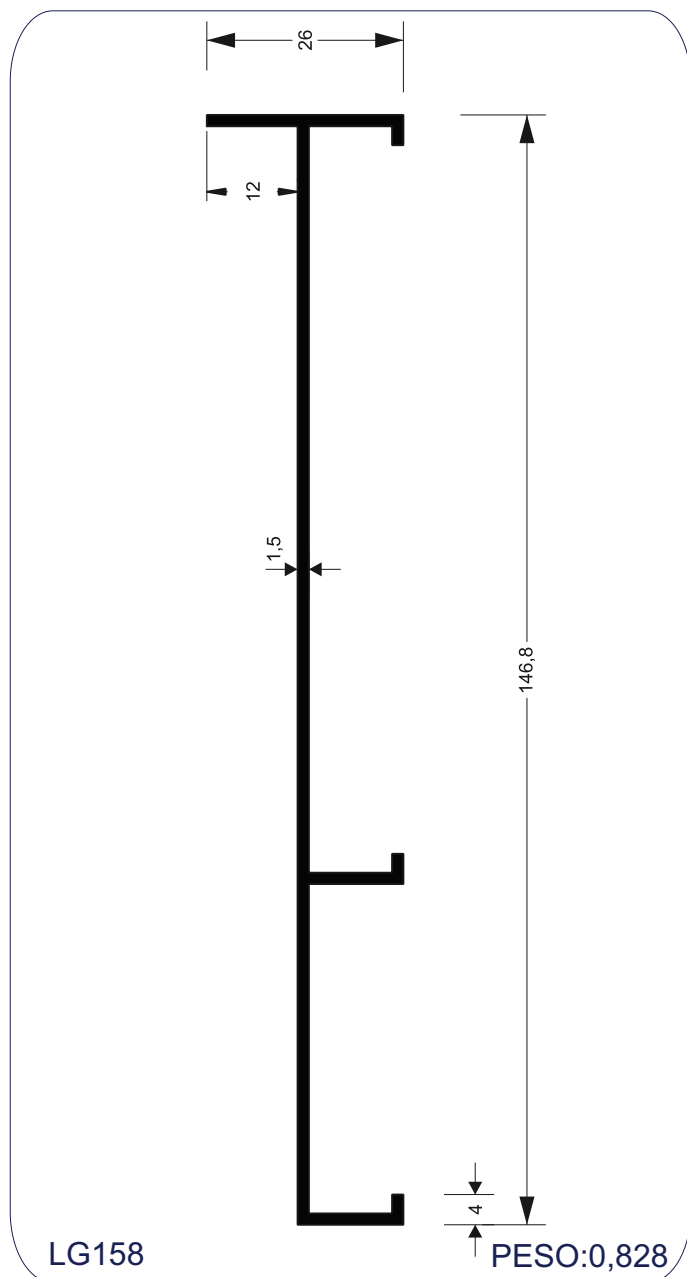


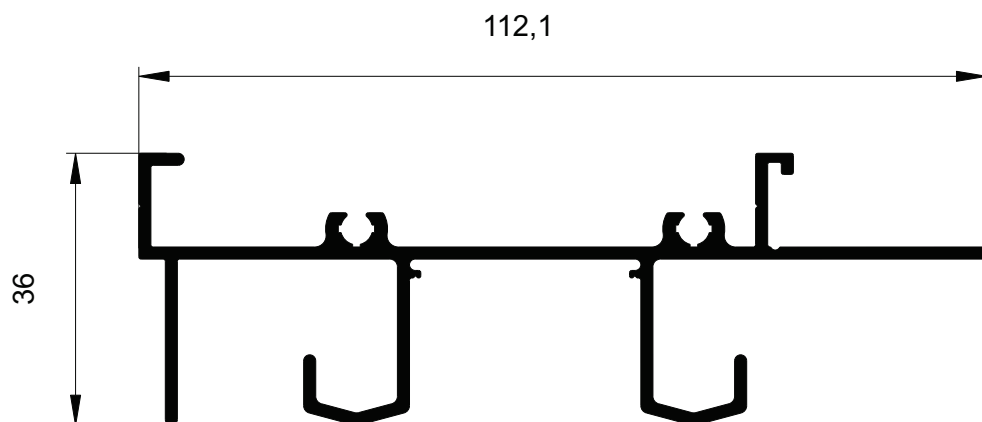
ALG100
PESO:0,156



LG124

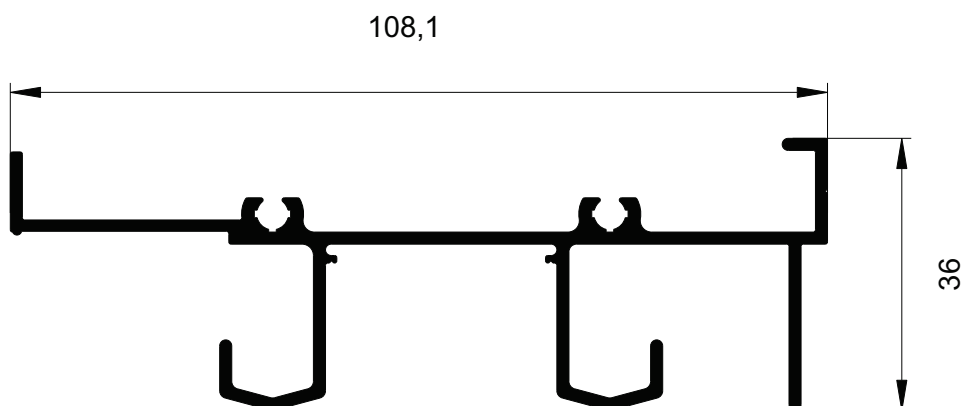
PESO:0,773





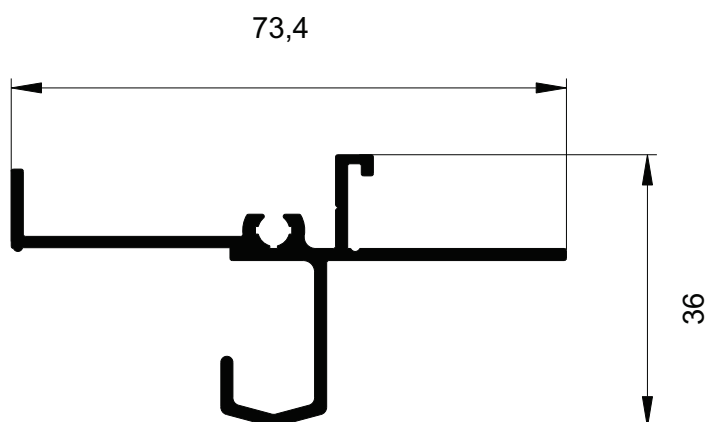
LGM001

PESO:1,429



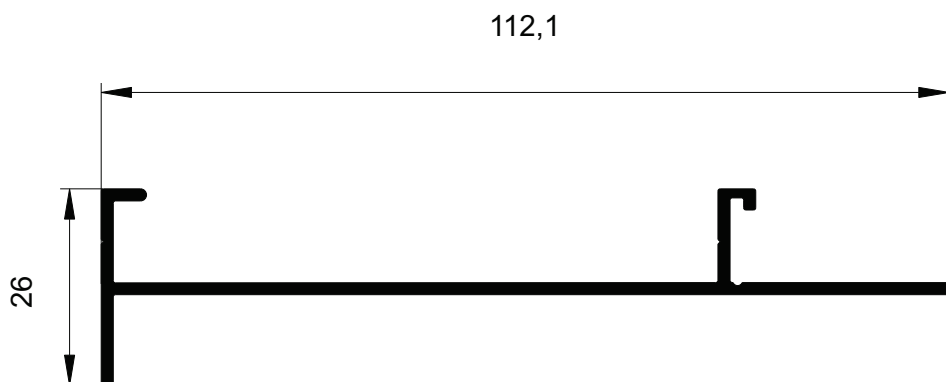
LGM002

PESO:1,366



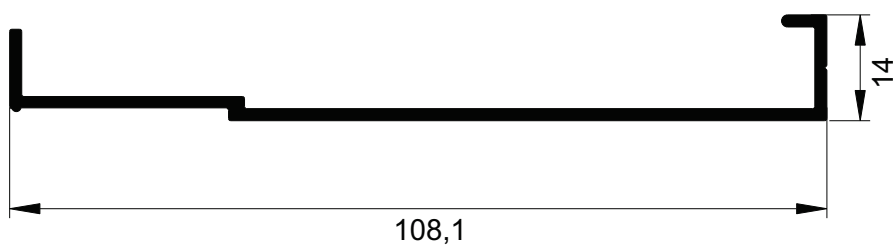
LGM003

PESO:0,799



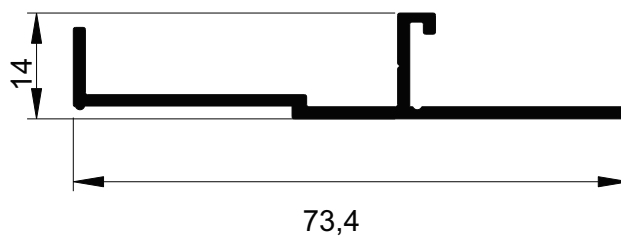
LGM004

PESO:0,705



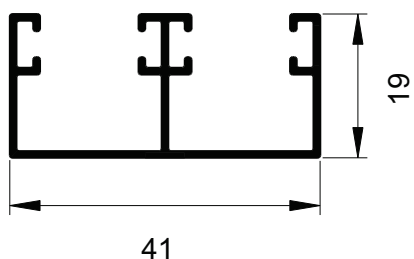
LGM005

PESO:0,614



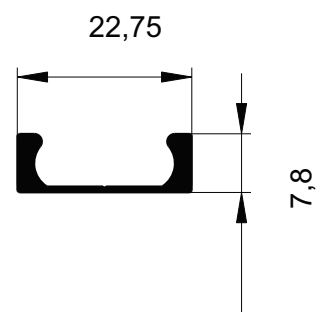
LGM006

PESO:0,451



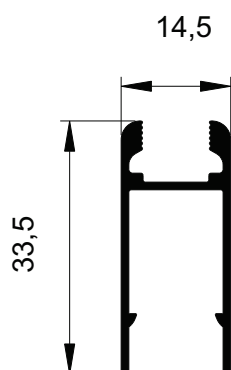
BX-001

PESO:0,319



BX-002

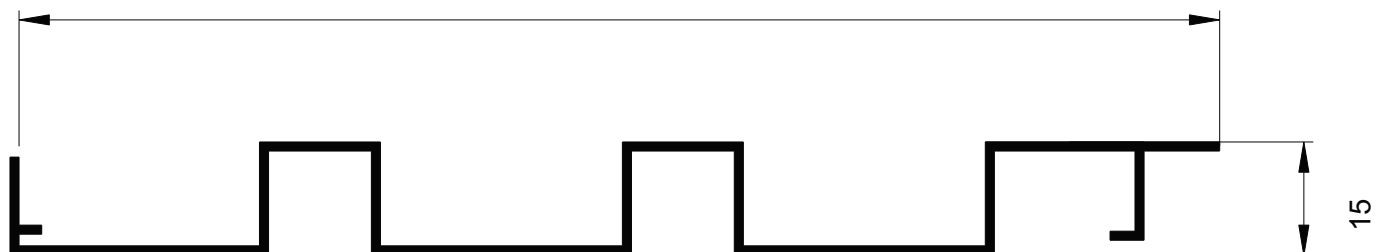
PESO:0,149



BX-003

PESO:0,269

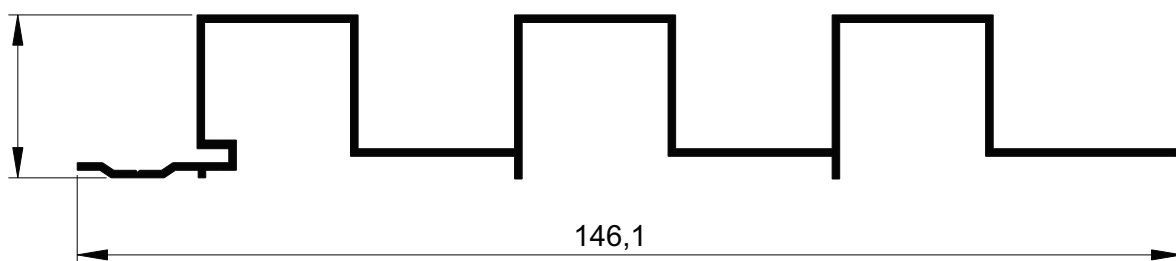
158,8



GS-076

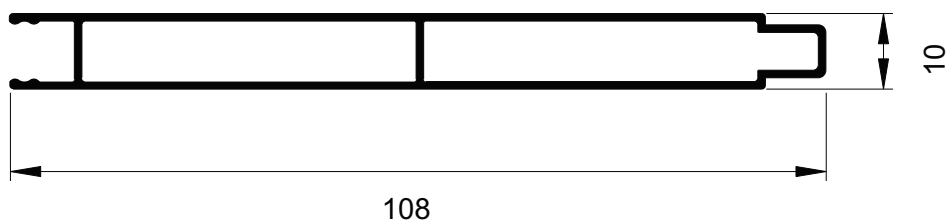
PESO:0,867

21,6



GS-074

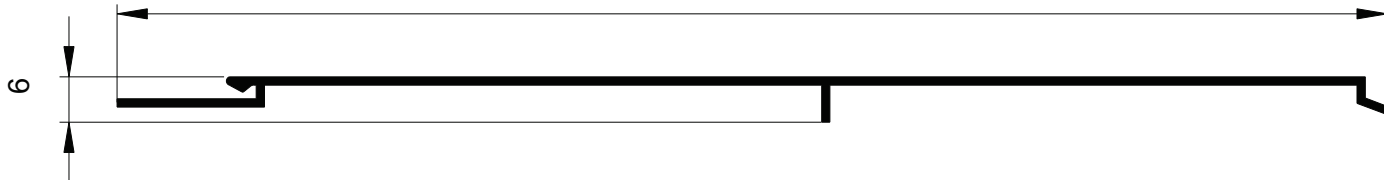
PESO:0,821



ALB-0108

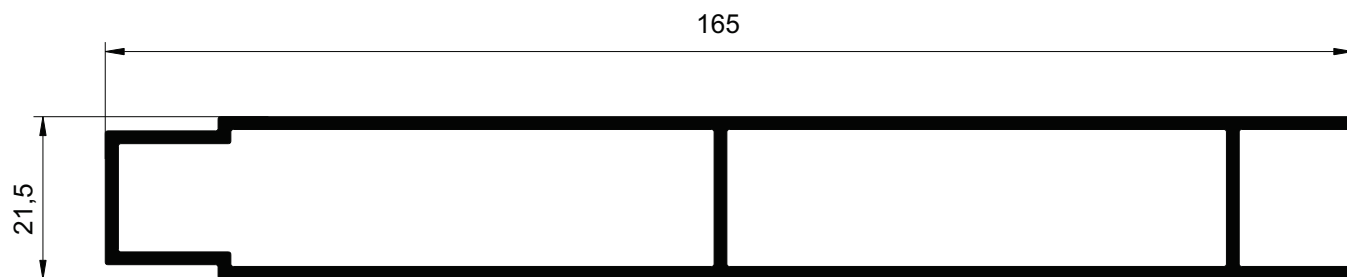
PESO:0,654

168



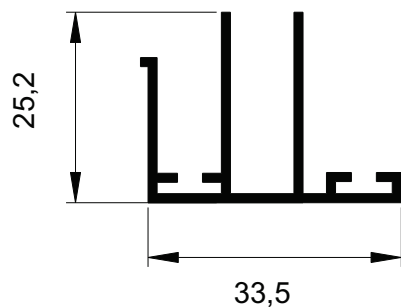
ALB-0335

PESO:0,634



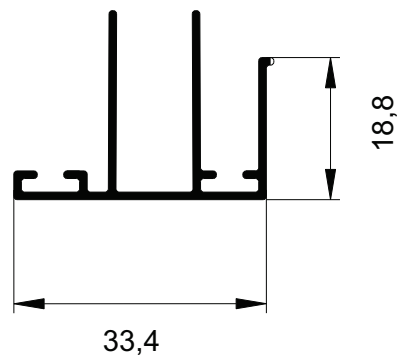
ALB1653

PESO:1,769



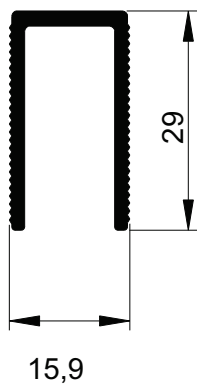
AT-02

PESO:0,372



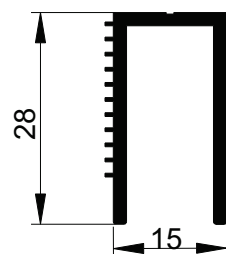
AT-03B

PESO:0,350



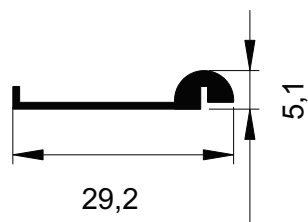
PUE-001

PESO:0,370



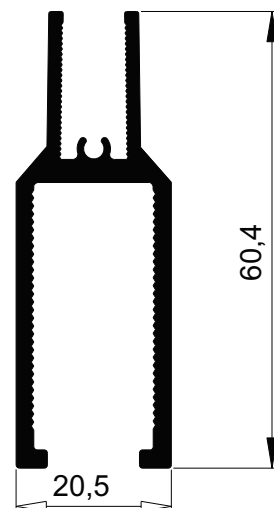
PUE-002

PESO:0,400



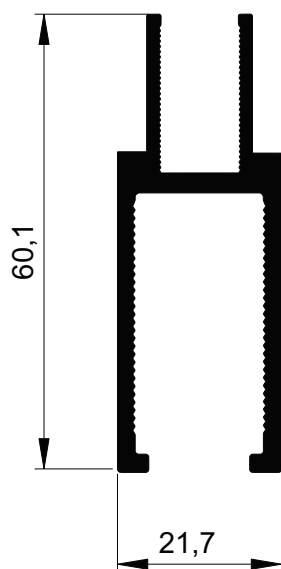
TE-003

PESO:0,147



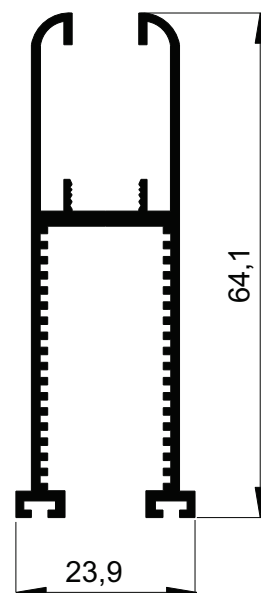
TAL-002

PESO:0,822



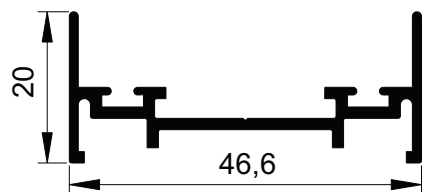
TAL-03

PESO:1,013



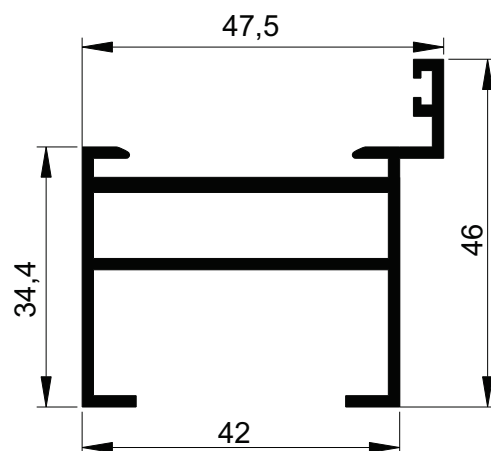
TAL-04

PESO:0,900



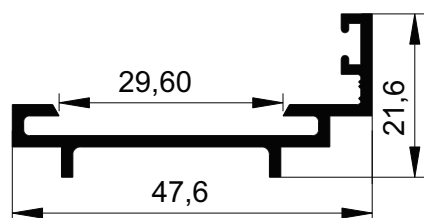
42-008

PESO:0,480



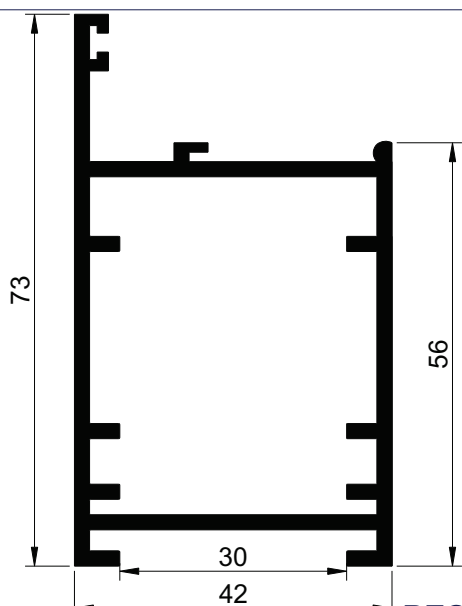
42-012

PESO:0,890



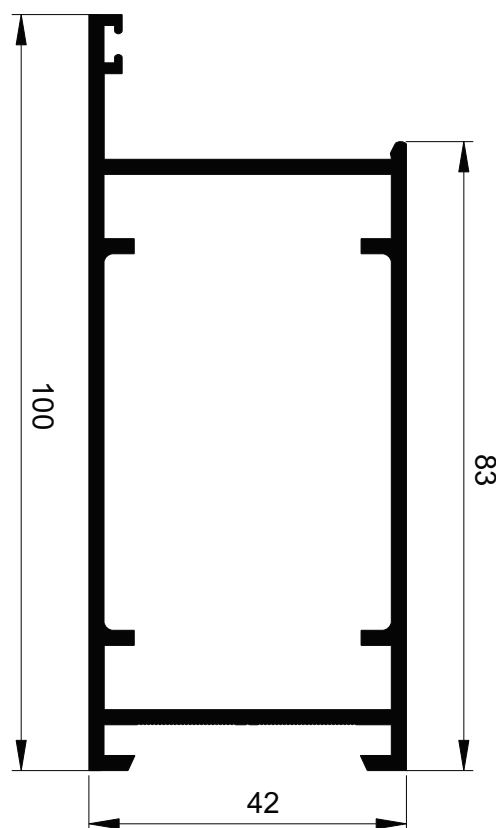
42-014

PESO:0,370



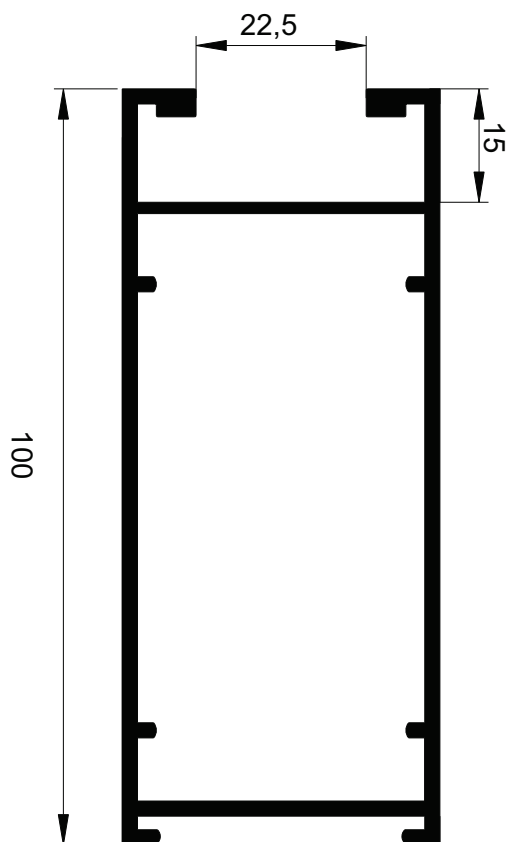
42-035

PESO:1,035



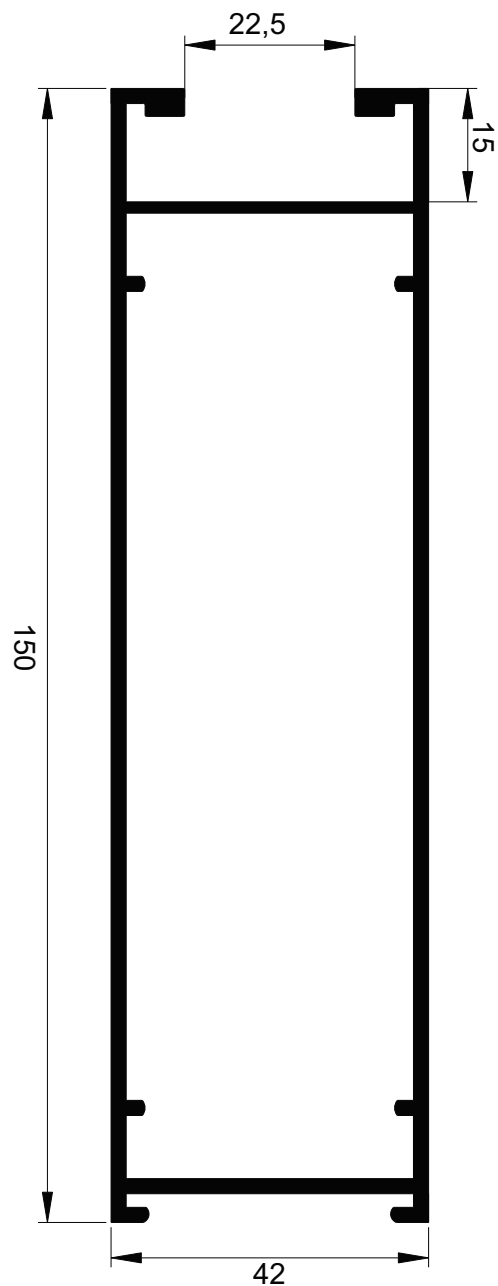
42-032

PESO:1,433



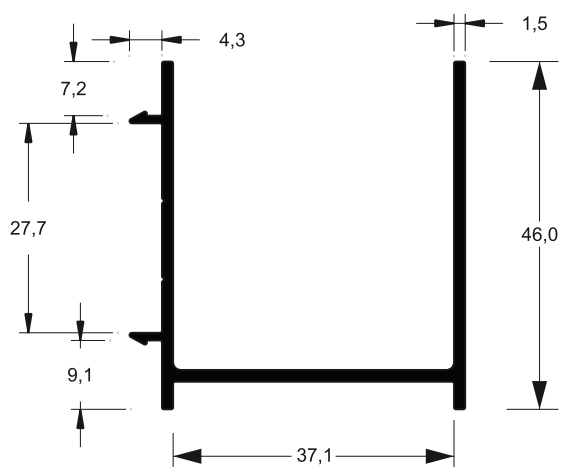
42-173

PESO:1,507



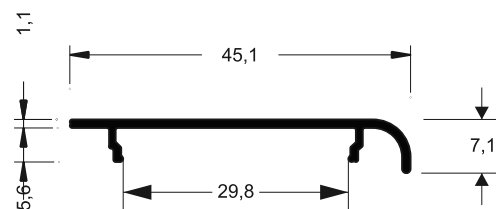
42-176

PESO:1,343



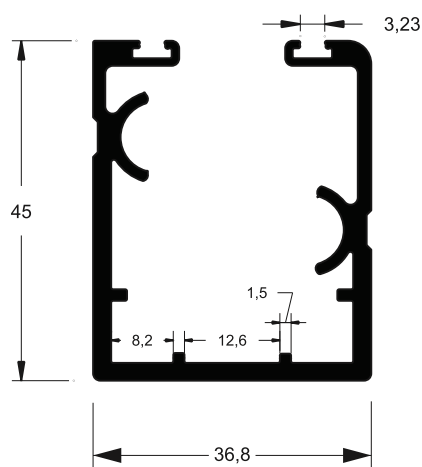
ACV213

PESO: 0,552



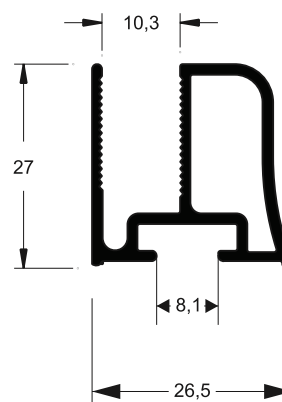
ACV202

PESO: 0,175



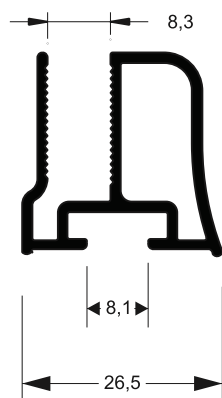
ACV203

PESO: 0,976



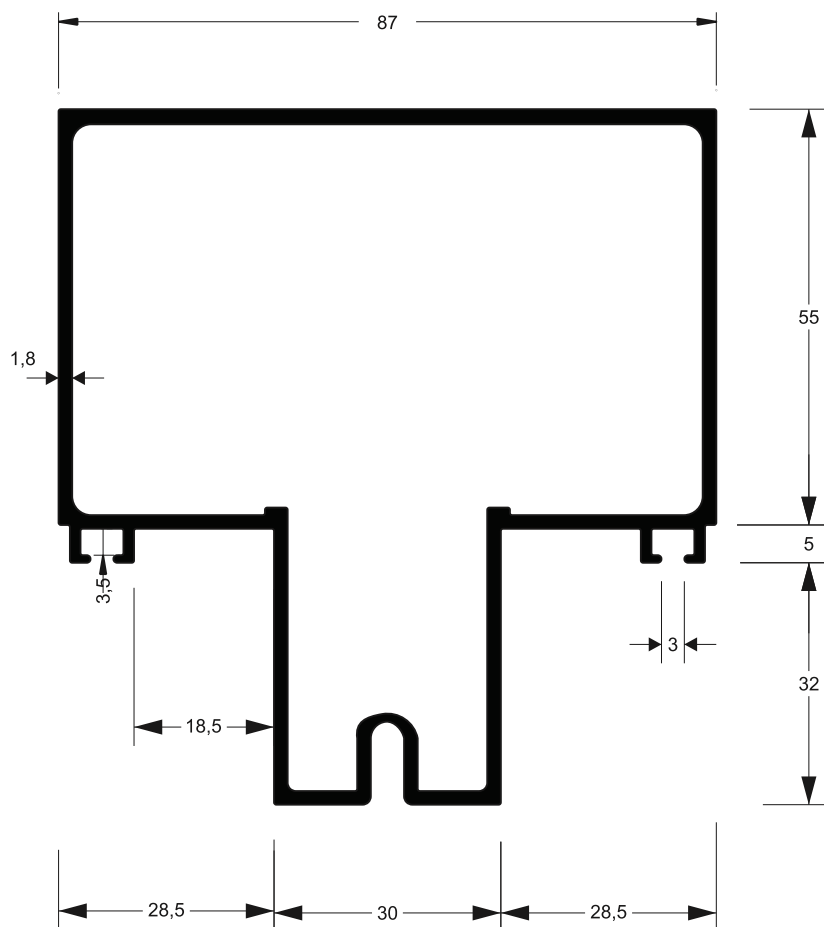
ACV205

PESO: 0,427



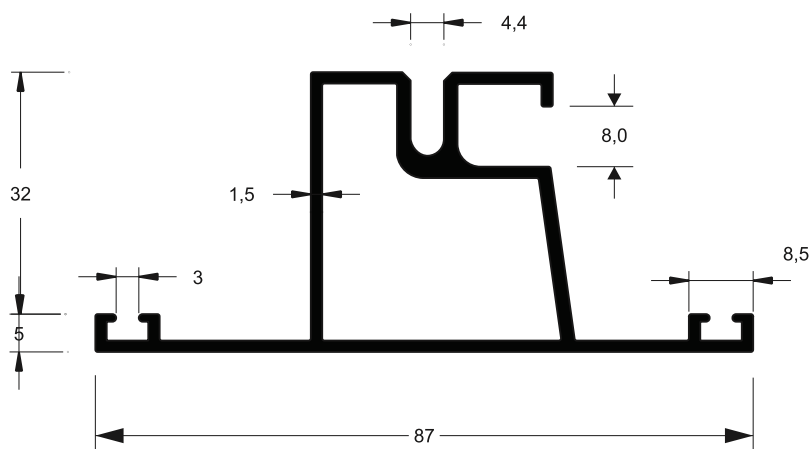
ACV206

PESO: 0,422



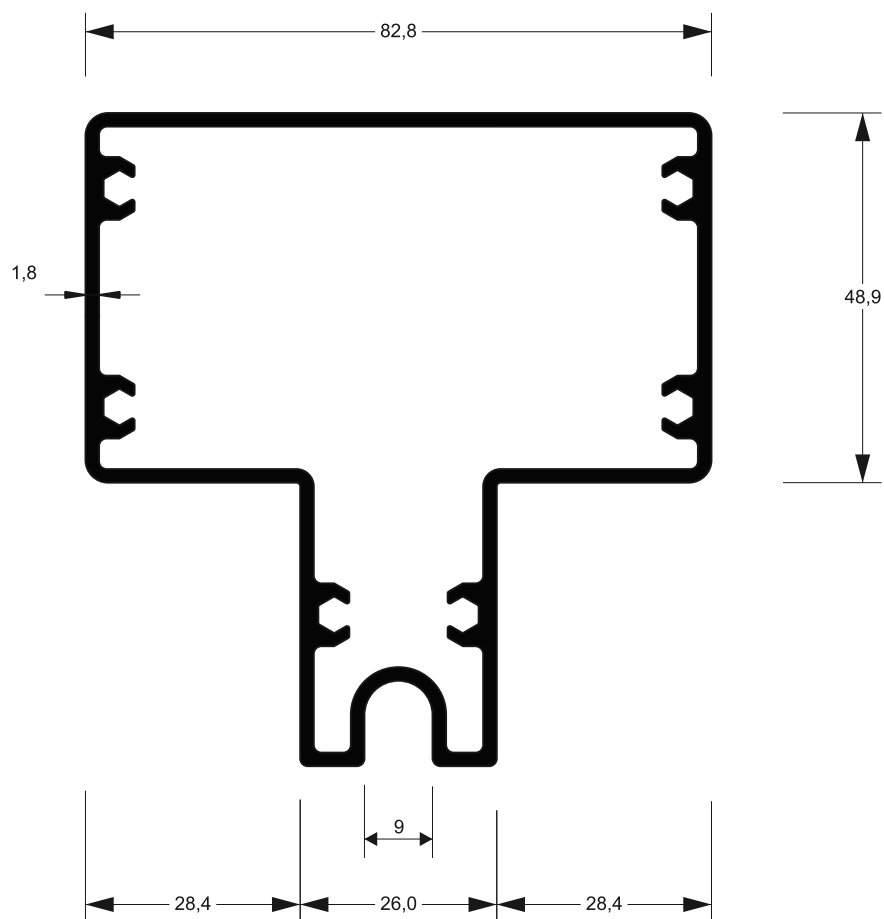
FA200

PESO: 1,959



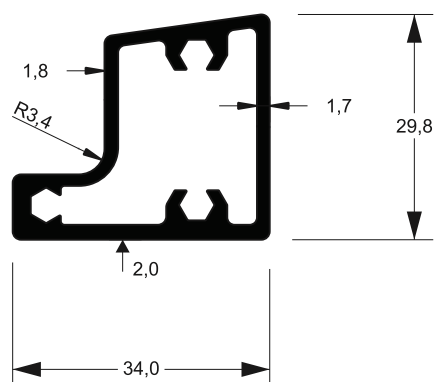
FA211

PESO: 0,998



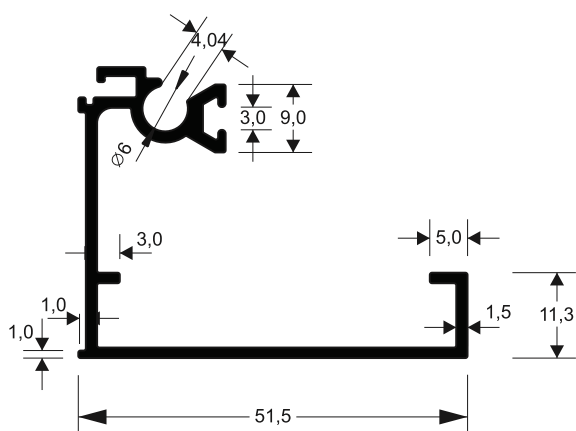
FA223

PESO: 2,038



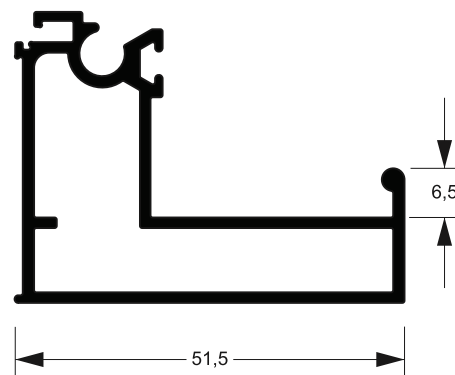
FA208

PESO: 0,688



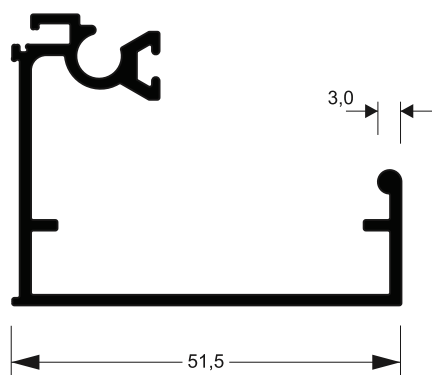
FA228

PESO: 0,569



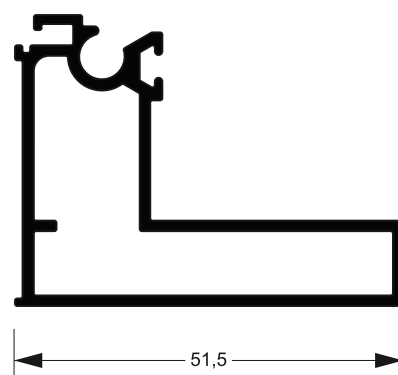
FA230

PESO: 0,781



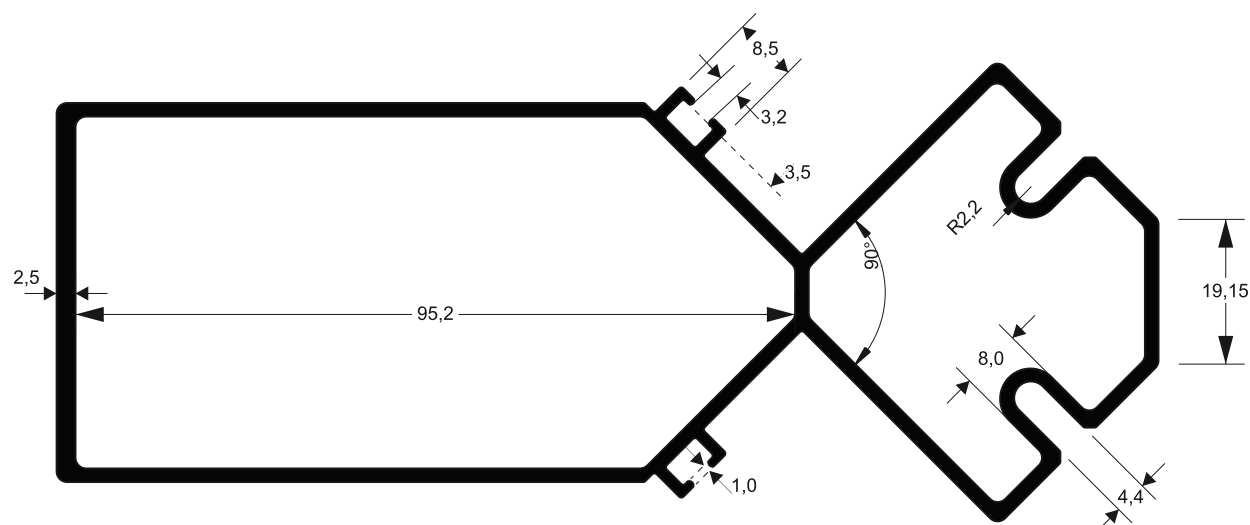
FA232

PESO: 0,605



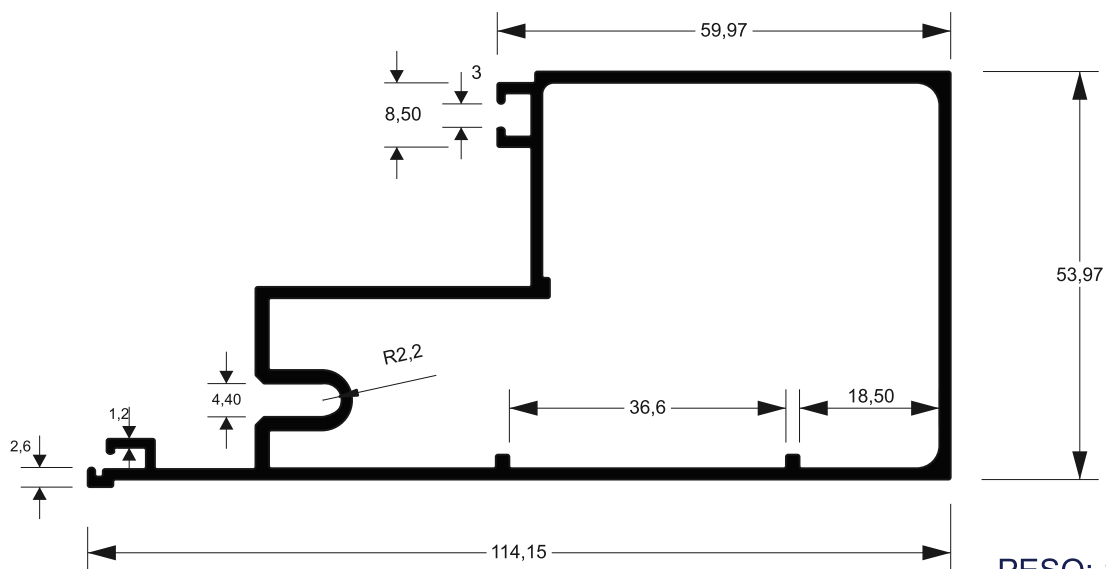
FA245

PESO: 0,745



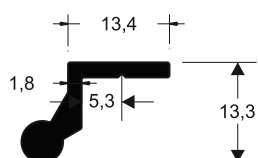
FA236

PESO: 2,397



FA-515

PESO: 1,465



RE0205

PESO: 0,192

ANOTAÇÕES



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