

Les dissipateurs sont largement utilisés dans les produits de télécommunication, d'alimentation et les dispositifs audio (haut-parleurs de haute qualité, amplificateurs, égaliseurs...). Compte tenu de la forte conductivité thermique de l'aluminium extrudé, les fabricants d'ordinateurs ont acquis un avantage considérable dans l'utilisation de dissipateurs comme dispositif de dissipation de chaleur pour réduire la température interne de leurs ordinateurs. Des dissipateurs miniatures sont utilisés dans les cartes mères ou cartes graphiques... Grâce à différentes combinaisons de composants chimiques tels que le silicium, fer, cuivre, magnésium, manganèse... à l'aluminium pur, diverses séries d'alliage d'aluminium peuvent être formés (Série 2xxx, 3xxx, 5xxx, 6xxx et 7xxx). Chaque type d'alliage d'aluminium aura ses propres propriétés mécaniques, afin de répondre à l'exigence du client. Par conséquent, nos produits peuvent être utilisés dans différents secteurs d'activités.

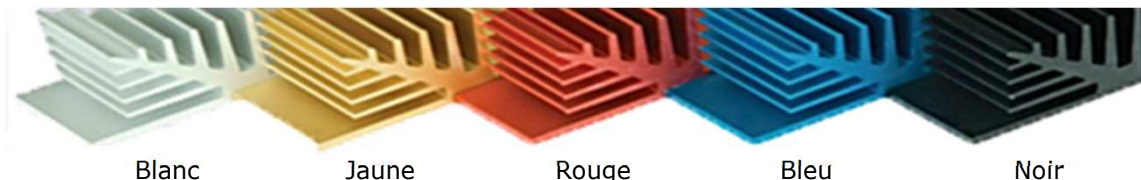


Il est apparu ces dernières années qu'une amélioration de l'efficacité des dissipateurs était nécessaire. L'augmentation de la surface des ailettes étant la seule façon d'y arriver. Il s'agit de la technologie Skives Fine. Les ailettes sont donc modifiées en utilisant des machines spécialement conçues dans les différentes formes orientées et dans des angles différents dans une matrice en 3 dimensions (trapézoïdale, triangulaire, rectangulaire ou même ailettes ondulées). Les ailettes peuvent être usinées dans les différentes surfaces de base. Cette technologie peut aller jusqu'à doubler le nombre d'ailettes maximum que nous aurions trouvé sur un radiateur en extrusion classique.

## + Informations générales

- Matière: Alliage Aluminium EN AW - 6060 selon EN 573-3 et EN 755-2.
- Tolérances: Selon norme DIN ISO 2768-m
- Design possible selon plan client
- Anodisation possible selon CDC

## + Couleurs disponibles



## + Paramètres indiqués pour chaque produit

Repères	Correspondances
<b>L</b>	Longueur en millimètre pour calculer la résistance thermique indiquée.
<b>P</b>	Poids en Kilogramme / mètre.
<b>Rth N</b>	Résistance thermique en Kelvin / Watt en convection <b>naturelle</b> .
<b>Rth F</b>	Résistance thermique en Kelvin / Watt en convection <b>forcée</b> à 3 m/s.
<b>W*</b>	Largeur en millimètre pour calculer la résistance thermique indiquée

\*Valable uniquement pour la série PA.

Les résultats ont été obtenus en conditions de laboratoire et doivent être considérés uniquement à titre indicatif. AB2E n'ayant aucun contrôle sur le matériel de ses clients et sur de nombreux autres facteurs, il relève de la responsabilité de l'utilisateur d'effectuer ses propres tests pour s'assurer que le produit correspond bien à ses besoins.

## ✚ Séries et dimensions : sommaire

Série P					
Référence	Rth N	Largeur	Hauteur	Longueur	Page
STDP18.06	3.36	34	60	50	6
STDP18.07	3.35	40	35	50	6
STDP18.94	4.21	46	33	50	6
STDP18.08	3.57	48	40	50	6
STDP18.11	2.99	52	40	50	6
STDP18.12	1.23	65	70	100	6
STDP18.13	1.75	66	30	100	6
STDP18.14	1.76	66	40	100	6
STDP18.15	1.54	82	32	100	6
STDP18.18	1.03	95	70	100	7
STDP18.19	1.25	97	25.5	100	7
STDP18.20	1.8	100	15	100	7
STDP18.21	1.43	100	25	100	7
STDP18.95	1.79	100	25	100	7
STDP18.22	1.19	100	40	100	7
STDP18.23	1.24	100	40	100	8
STDP18.24	1.44	100	40	100	8
STDP18.96	0.6	107	56.5	150	8
STDP18.26	0.67	111.5	67.5	150	8
STDP18.27	0.79	112	72	150	8
STDP18.28	1.05	113	37	150	8
STDP18.29	0.68	115	80	150	9
STDP18.30	0.83	120	40	150	9
STDP18.97	0.83	120	40	150	9
STDP18.31	0.77	120	60	150	9
STDP18.98	0.76	120	60	150	9
STDP18.32	0.72	120	63	150	9
STDP18.33	0.55	120	70	150	10
STDP18.34	0.77	121	58.5	150	10
STDP18.37	0.62	130	84	150	10
STDP18.39	0.87	135	25	150	10
STDP18.40	0.88	138	40	150	10
STDP18.99	0.67	138	50.5	150	10
STDP18.43	0.76	150	27	150	11
STDP18.44	0.74	150	27	150	11
STDP18.100	0.74	150	27	150	11
STDP18.101	0.66	150	28.5	150	11
STDP18.45	0.68	150	40	150	11
STDP18.102	0.78	150	50	150	11
STDP18.46	0.61	150	83	150	12
STDP18.48	0.64	160	40	200	12
STDP18.103	0.55	160	50	200	12
STDP18.104	0.64	162	25	200	12
STDP18.50	0.44	173	28	200	12
STDP18.51	0.64	188	30	200	12

Série P (suite)					
Référence	Rth N	Largeur	Hauteur	Longueur	Page
STDP18.53	0.51	190.2	50	200	13
STDP18.54	0.43	190.5	83	200	13
STDP18.55	0.45	190.5	83	200	13
STDP18.56	0.72	197	20	200	13
STDP18.57	0.74	200	15	200	13
STDP18.58	0.64	200	20	200	13
STDP18.59	0.56	200	25	200	14
STDP18.60	0.46	200	40	200	14
STDP18.105	0.55	200	40	200	14
STDP18.106	0.36	200	60	200	14
STDP18.61	0.38	200	72	200	14
STDP18.62	0.35	200	83	200	14
STDP18.63	0.34	200	84	200	15
STDP18.65	0.31	215	77	250	15
STDP18.66	0.28	215	77	250	15
STDP18.67	0.31	216	77	250	15
STDP18.68	0.32	216	83	250	15
STDP18.107	0.39	220	46.5	250	15
STDP18.108	0.35	220	60	250	15
STDP18.70	0.82	223	14.3	150	15
STDP18.109	0.29	235	60	250	16
STDP18.71	0.54	240	16	250	16
STDP18.72	0.43	245.6	25	250	16
STDP18.73	0.33	250	40	250	16
STDP18.74	0.36	250	40	250	17
STDP18.110	0.37	250	40.5	250	17
STDP18.111	0.41	250	40	250	17
STDP18.112	0.38	250	50	250	17
STDP18.75	0.29	250	83	250	17
STDP18.76	0.24	260	67.5	300	17
STDP18.77	0.25	260	67.5	300	18
STDP18.78	0.27	265	74	300	18
STDP18.79	0.27	265	74	300	18
STDP18.82	0.36	300	25	300	18
STDP18.113	0.32	300	27	300	18
STDP18.83	0.3	300	40	300	18
STDP18.84	0.32	300	40	300	19
STDP18.85	0.26	300	40	300	19
STDP18.114	0.25	300	60	300	19
STDP18.86	0.25	300	70.4	300	19
STDP18.87	0.23	300	83	300	19
STDP18.88	0.023	300	84	300	19
STDP18.89	0.19	300	84	300	20
STDP18.115	0.2	300	84.5	300	20
STDP18.90	0.2	345	61.5	400	20

## ✚ Séries et dimensions : sommaire

Série P (suite)					
Référence	Rth N	Largeur	Hauteur	Longueur	Page
STDP18.91	0.25	362	35	400	20
STDP18.116	0.18	380	60	400	21
STDP18.92	0.2	400	40	400	21
STDP18.93	0.2	400	61	400	21

Série W					
Référence	Rth N	Largeur	Hauteur	Longueur	Page
STDW18.01	0.19	340	70.4	400	22
STDW18.24	0.14	360	83.5	400	22
STDW18.02	0.14	398	70.9	400	22
STDW18.03	0.14	400	60	400	22
STDW18.04	0.14	400	83	400	23
STDW18.05	0.13	400	85	400	23
STDW18.06	0.12	430	77	450	23
STDW18.07	0.13	432	77	450	23
STDW18.08	0.13	432	83	450	24
STDW18.09	0.15	440	60	450	24
STDW18.25	0.11	150	85	450	24
STDW18.26	0.11	460	80.5	450	24
STDW18.10	0.13	500	40	500	25
STDW18.11	0.11	500	83	500	25
STDW18.27	0.09	500	85	500	25
STDW18.12	0.11	520	67.5	500	25
STDW18.13	0.11	520	67.5	500	26
STDW18.28	0.08	550	85	550	26
STDW18.14	0.14	600	25	600	26
STDW18.15	0.12	600	40	600	26
STDW18.16	0.1	600	70.4	600	27
STDW18.17	0.09	600	83	600	27
STDW18.29	0.07	600	85	600	27
STDW18.30	0.07	650	85	650	27
STDW18.19	0.08	690	61.5	700	28
STDW18.31	0.06	700	85	700	28
STDW18.32	0.05	750	85	750	28
STDW18.20	0.08	800	40	800	28
STDW18.21	0.05	800	85	800	29
STDW18.22	0.05	850	85	850	29
STDW18.23	0.04	900	85	900	29

Série PC					
Référence	Rth N	Largeur	Hauteur	Longueur	Page
STDPC18.01	0.38	140	125	150	30
STDPC18.02	0.41	150	83	150	30
STDPC18.03	0.38	150	125	150	30
STDPC18.04	0.29	190.5	83	200	30
STDPC18.06	0.26	200	125	200	30
STDPC18.07	0.24	220	77	250	30

Série T					
Référence	Rth N	Largeur	Hauteur	Longueur	Page
STDT18.01	0.51	125	125	150	31
STDT18.02	0.54	125	135	150	31
STDT18.04	0.5	125	135.5	150	31
STDT18.05	0.79	126	63.5	150	31
STDT18.07	0.76	128	57	150	32
STDT18.08	0.81	130	52	150	32
STDT18.09	0.77	130	52	150	32
STDT18.10	0.66	140	90	150	32
STDT18.21	0.51	142	119.5	150	32
STDT18.11	0.69	150	72	150	32
STDT18.12	0.47	164	93.5	200	33
STDT18.13	0.45	178	80	200	33
STDT18.14	0.45	200	86	200	33
STDT18.15	0.43	210	68	200	33
STDT18.16	0.36	226	80	250	33
STDT18.17	0.33	240	108	250	33
STDT18.18	0.35	240	112	250	34
STDT18.19	0.29	270	73	300	34
STDT18.20	0.25	290	85	300	34

Série H					
Référence	Rth N	Largeur	Hauteur	Longueur	Page
STDH18.02	6.2	35	12.5	50	35
STDH18.09	1.85	90	29.5	100	35
STDH18.10	1.35	105	38	100	35
STDH18.11	0.98	115	33.5	100	35
STDH18.12	1.5	115	35	100	35
STDH18.13	1.12	120	64	100	35
STDH18.14	0.74	120	120	100	36
STDH18.15	0.74	130	130	100	36

## Série L

Référence	Rth N	Largeur	Hauteur	Longueur	Page
STDL18.01	5.64	30	28	50	37
STDL18.02	3.54	48	33	50	37
STDL18.03	4.33	50	28	50	37
STDL18.04	2.7	54	38	50	37
STDL18.05	1.63	66	33	100	37

## Série E

Référence	Rth N	Largeur	Hauteur	Longueur	Page
STDE18.01	3.38	35	44	50	38
STDE18.02	2.59	40	60	50	38
STDE18.03	1.22	68	90	100	38
STDE18.04	0.9	70	132	100	38
STDE18.05	0.86	100	120	100	38

## Série U

Référence	Rth N	Largeur	Hauteur	Longueur	Page
STDU18.01	8.37	15	20	50	39
STDU18.23	9.9	20	15	50	39
STDU18.02	4.63	28	32	50	39
STDU18.03	6.73	29	11.5	50	39
STDU18.05	5.65	38	20	50	39
STDU18.06	5.79	44	11	50	39
STDU18.07	5.69	45	14	50	39
STDU18.08	4.88	50	24	50	39
STDU18.09	4.4	52	20	50	39
STDU18.10	3.92	60	24	50	40
STDU18.12	3.82	65	19.5	50	40
STDU18.13	3.58	80	14	50	40
STDU18.14	3.22	80	24	50	40
STDU18.16	2.65	88	35	50	40
STDU18.18	1.97	94	14.5	100	40
STDU18.19	1.72	97	25	100	41
STDU18.20	1.3	100	50	100	41
STDU18.22	1.23	140	26	100	41

## Série PA

Référence	Rth N	Largeur	Hauteur	Longueur	Page
STDPA18.14	0.37	98.8	77.5	150	42
STDPA18.15	0.31	98.8	100	150	42
STDPA18.02	0.48	100	55	150	42
STDPA18.03	0.43	100	62	150	42
STDPA18.16	0.42	99	83.5	150	43
STDPA18.17	0.48	100	65	150	43
STDPA18.04	0.53	108	71	150	43
STDPA18.18	0.41	102	75	150	44
STDPA18.19	0.43	100	78	150	44
STDPA18.20	0.39	100	81	150	44
STDPA18.05	0.37	100	85	150	45
STDPA18.06	0.4	100	90	150	45
STDPA18.08	0.32	100	117	150	45
STDPA18.09	0.31	100	122	150	46
STDPA18.21	0.28	100	132.5	150	46
STDPA18.22	0.32	106	125.5	150	46
STDPA18.10	0.33	104	127	150	47
STDPA18.11	0.39	105	118	150	47
STDPA18.12	0.62	100	62	150	47
STDPA18.13	0.64	95	70.5	150	47

## Série LC (clip)

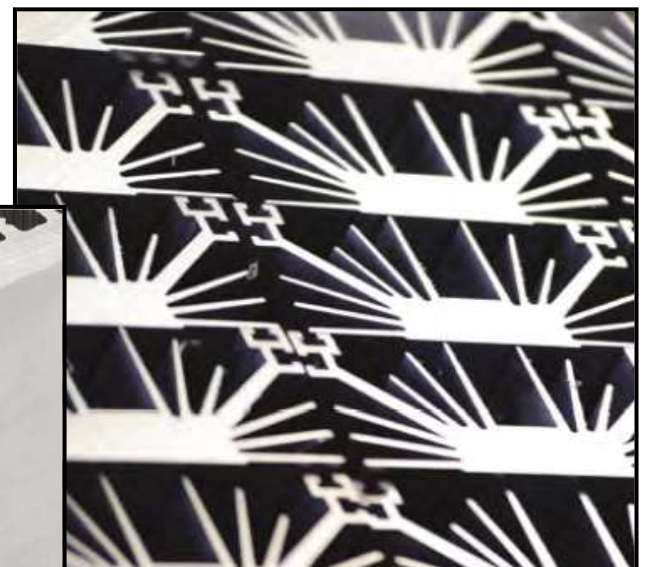
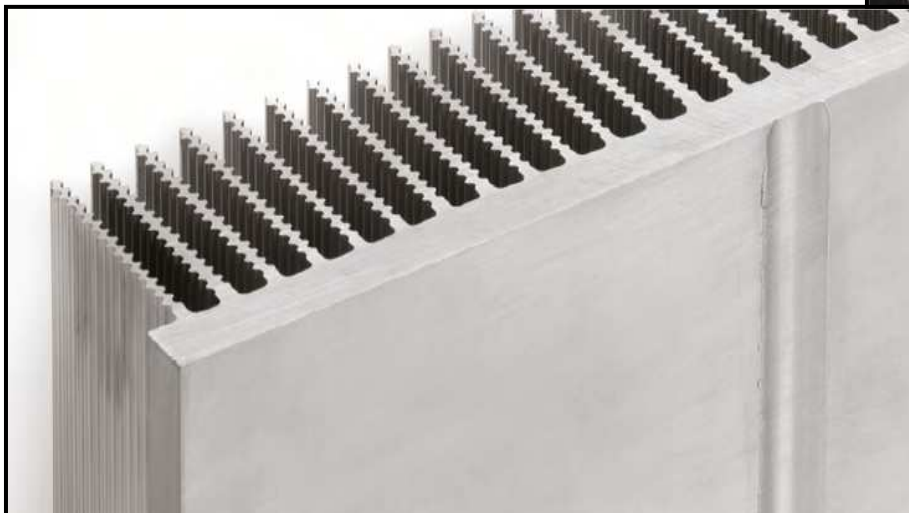
Référence	Rth N	Largeur	Hauteur	Longueur	Page
STDLC18.01	4.31	31.5	40	50	48
STDLC18.02	7.24	36	19	50	48
STDLC18.03	3.53	47	30	50	48
STDLC18.04	6.4	36	30	50	48
STDLC18.05	0.34	60	28	50	48
STDLC18.06	2.86	60	30	50	48
STDLC18.07	1.99	75	40	50	49



Série PM & PM+			
Référence	Largeur	Hauteur	Page
STDPM18.01	100	40	51
STDPM+18.01	100	40	51
STDPM18.02	150	60	51
STDPM+18.02	150	60	51
STDPM18.03	200	70	52
STDPM+18.03	200	70	52
STDPM18.04	250	85	52
STDPM+18.04	250	85	52
STDPM18.05	300	85	52
STDPM+18.05	300	85	52
STDPM18.06	300	135	53
STDPM+18.06	300	135	53
STDPM18.07	350	75	53
STDPM+18.07	350	75	53
STDPM18.08	400	85	53
STDPM+18.08	400	85	53
STDPM18.09	500	100	54
STDPM+18.09	500	100	54
STDPM18.10	600	85	54
STDPM+18.10	600	85	54
STDPM18.11	700	100	54
STDPM+18.11	700	100	54
STDPM18.12	800	135	55
STDPM+18.12	800	135	55

Série PB			
Référence	Largeur	Hauteur	Page
STDPBS18.01	4.3	68.5	56
STDPBS18.02	4.3	78.5	56
STDPBS18.03	4.3	98.5	56
STDPBS18.04	4.3	110.5	56
STDPBH18.01	4.3	58.8	57
STDPBH18.02	4.3	68.5	57
STDPBH18.03	4.3	98.5	57
STDPBH18.04	4.3	110.5	57
STDPBSF18.01	8	70	57
STDPBSF18.02	8	80	57
STDPBSF18.03	8	112	57
STDPBS18.05	200	85	57
STDPBS18.06	300	100	58
STDPBS18.07	400	120	58
STDPBS18.08	500	132	58
STDPBH18.05	200	75	59
STDPBH18.06	300	85	59
STDPBH18.07	400	120	59
STDPBH18.08	500	132	59

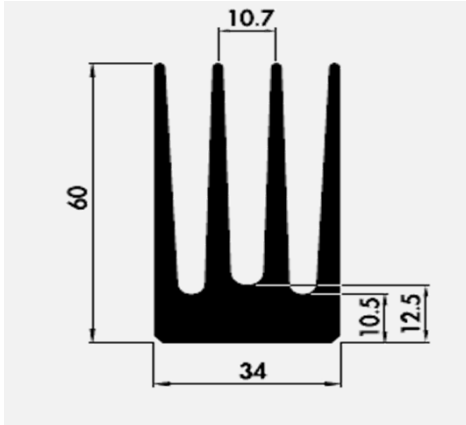
Série PA					
Référence	Rth N	Largeur	Hauteur	Longueur	Page
STDPR18.01	0.12	200	180	200	60
STDPR18.02	0.12	300	84	300	60



## SERIE P

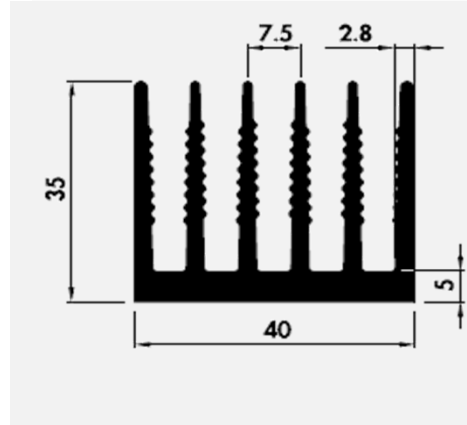
Extrudé

**STDP18.06**



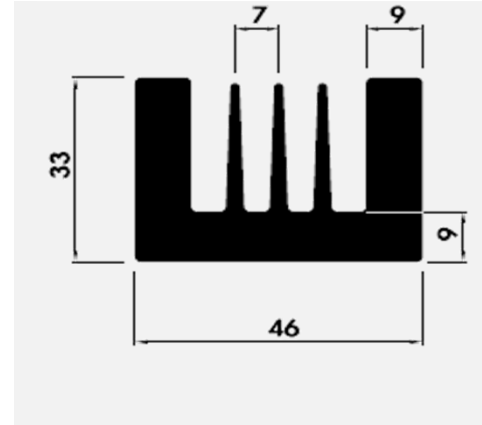
Rth N : 3,36 K/W      L: 50mm  
Rth F : 1,136 K/W      P: 2,82 kg/m

**STDP18.07**



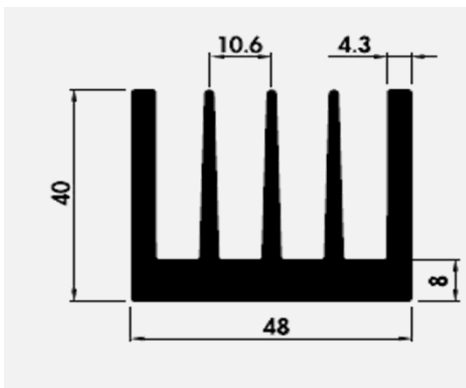
Rth N : 3,35 K/W      L: 50mm  
Rth F : 1,131 K/W      P: 1,73 kg/m

**STDP18.94**



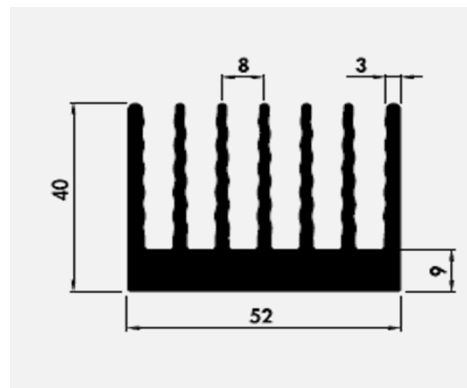
Rth N : 4,21 K/W      L: 50mm  
Rth F : 1,421 K/W      P: 2,7 kg/m

**STDP18.08**



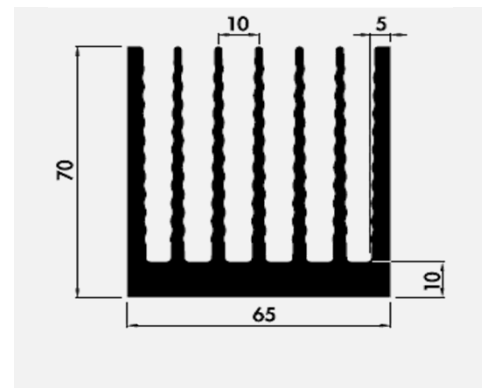
Rth N : 3,57 K/W      L: 50mm  
Rth F : 1,206 K/W      P: 2,45 kg/m

**STDP18.11**



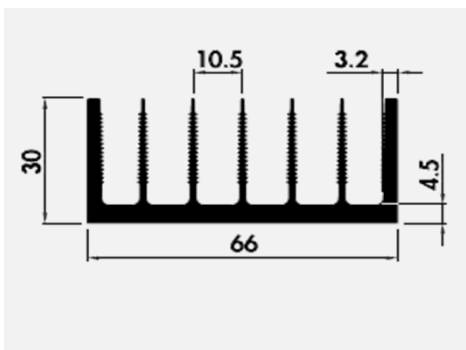
Rth N : 2,99 K/W      L: 50mm  
Rth F : 1,009 K/W      P: 2,79 kg/m

**STDP18.12**



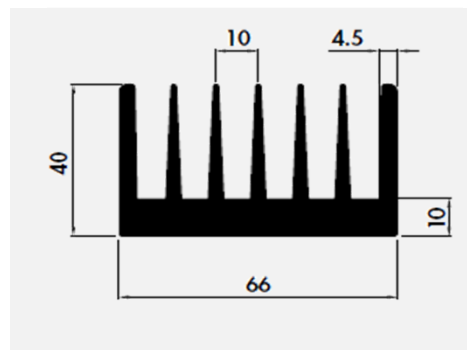
Rth N : 1,23 K/W      L: 100mm  
Rth F : 0,415 K/W      P: 5,44 kg/m

**STDP18.13**



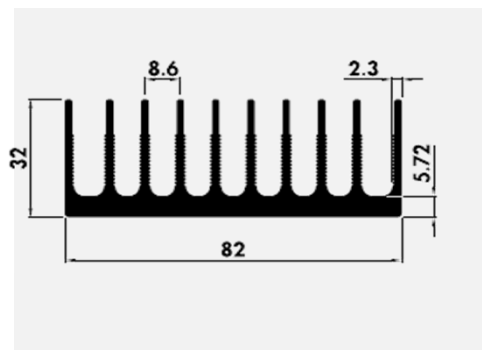
Rth N : 1,75 K/W      L: 100mm  
Rth F : 0,59 K/W      P: 1,77 kg/m

**STDP18.14**



Rth N : 1,76 K/W      L: 100mm  
Rth F : 0,594 K/W      P: 3,47 kg/m

**STDP18.15**

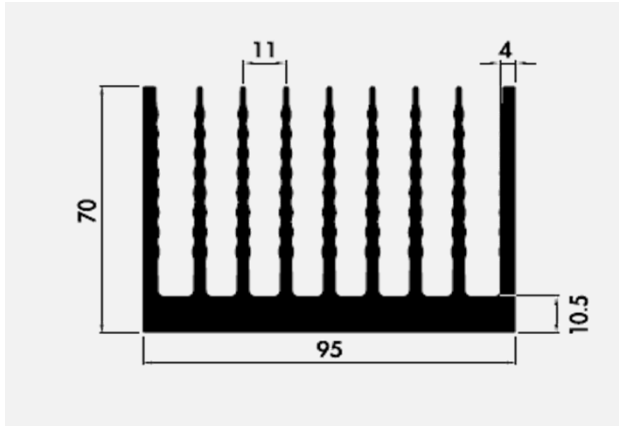


Rth N : 1,54 K/W      L: 100mm  
Rth F : 0,519 K/W      P: 2,82 kg/m

## SERIE P - suite

Extrudé

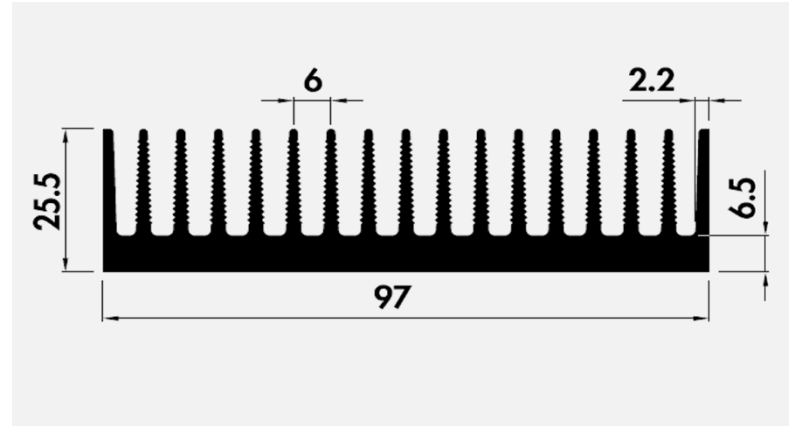
**STDP18.18**



Rth N : 1,03 K/W  
Rth F : 0,35 K/W

L: 100 mm  
P: 7,25 kg/m

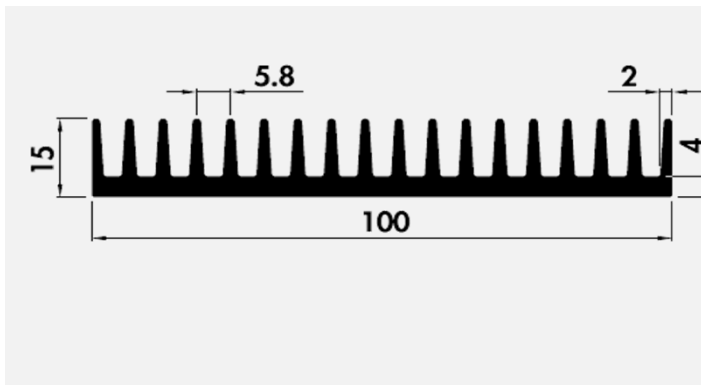
**STDP18.19**



Rth N : 1,25 K/W  
Rth F : 0,423 K/W

L: 100 mm  
P: 3,4 kg/m

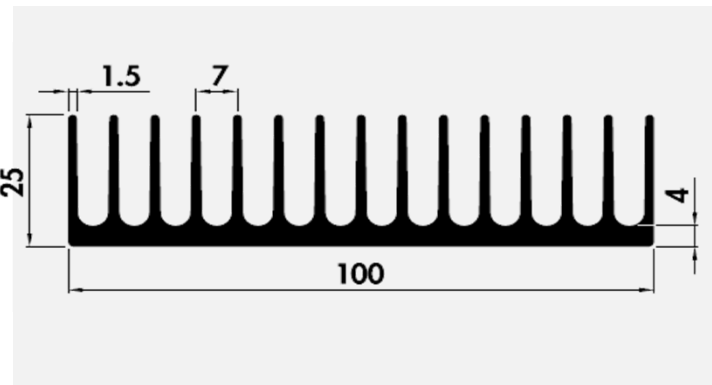
**STDP18.20**



Rth N : 1,8 K/W  
Rth F : 0,61 K/W

L: 100 mm  
P: 2,16 kg/m

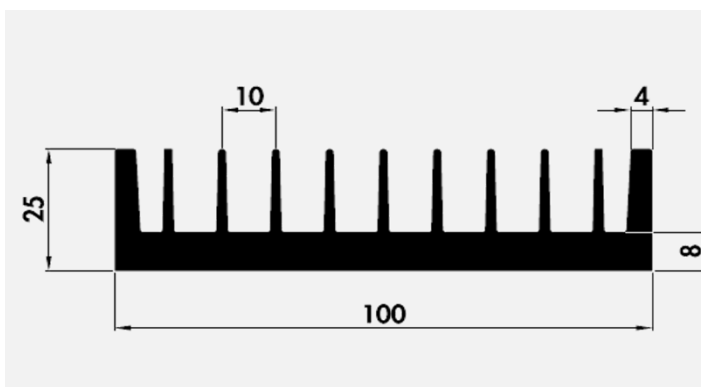
**STDP18.21**



Rth N : 1,43 K/W  
Rth F : 0,484 K/W

L: 100mm  
P: 2,66 kg/m

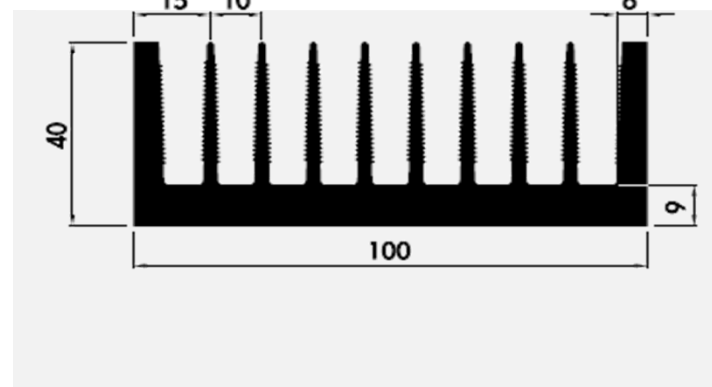
**STDP18.95**



Rth N : 1,79 K/W  
Rth F : 0,605 K/W

L: 100mm  
P: 3,32 kg/m

**STDP18.22**



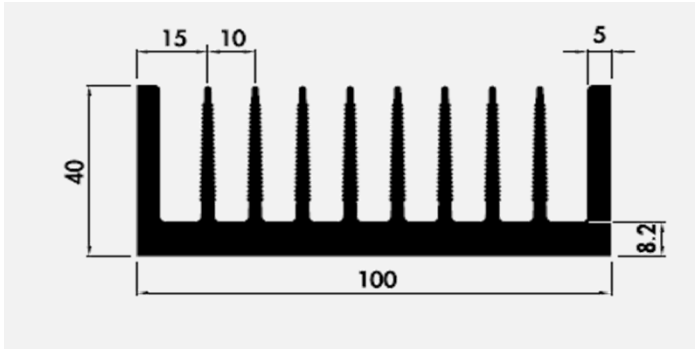
Rth N : 1,19 K/W  
Rth F : 0,401 K/W

L: 100mm  
P: 5,12 kg/m

## SERIE P - suite

Extrudé

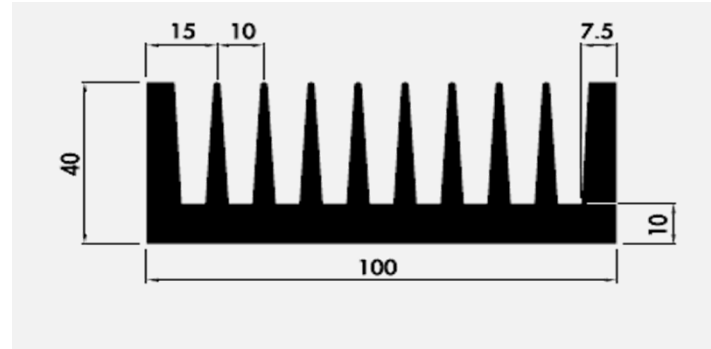
STDP18.23



Rth N : 1,24 K/W  
Rth F : 0,419 K/W

L: 100mm  
P: 4,88 kg/m

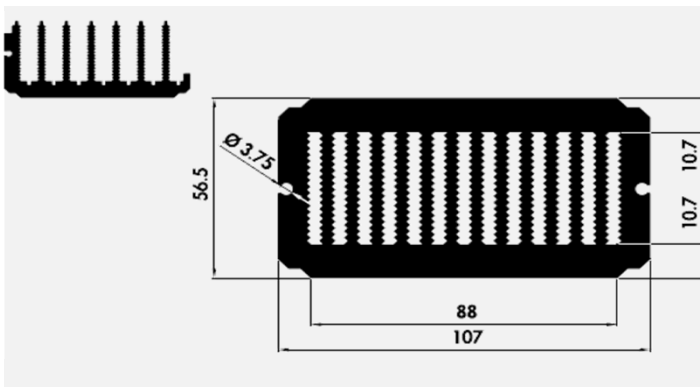
STDP18.24



Rth N : 1,44 K/W  
Rth F : 0,486 K/W

L: 100mm  
P: 5,9 kg/m

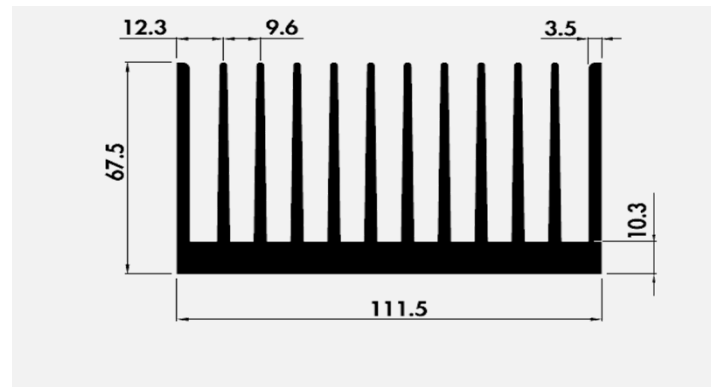
STDP18.96



Rth N : 0,6 K/W  
Rth F : 0,204 K/W

L: 150mm  
P: 12 kg/m

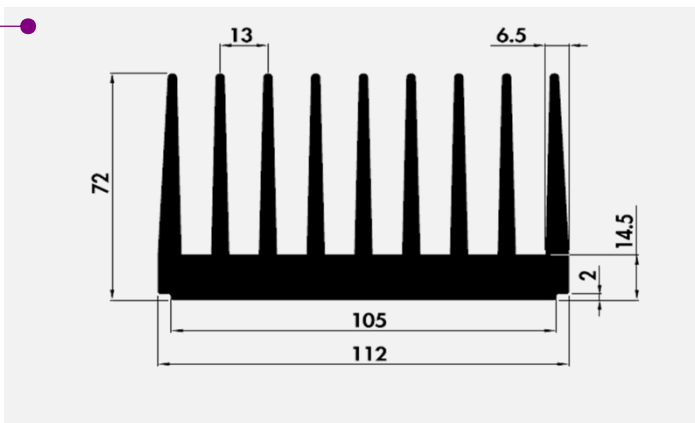
STDP18.26



Rth N : 0,67 K/W  
Rth F : 0,226 K/W

L: 150mm  
P: 8,42 kg/m

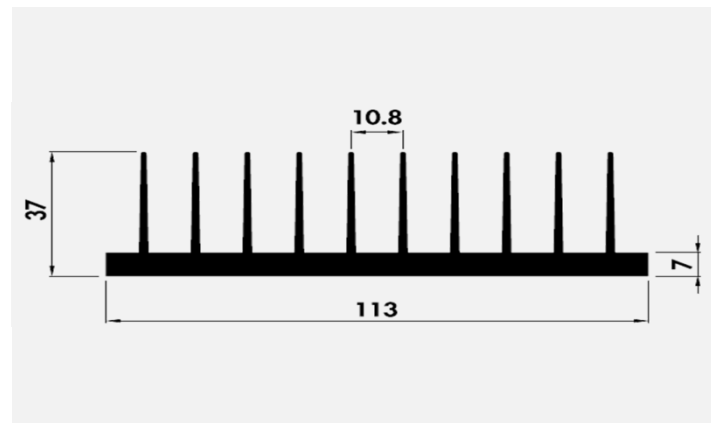
STDP18.27



Rth N : 0,79 K/W  
Rth F : 0,266 K/W

L: 150mm  
P: 9,81 kg/m

STDP18.28



Rth N : 1,05 K/W  
Rth F : 0,355 K/W

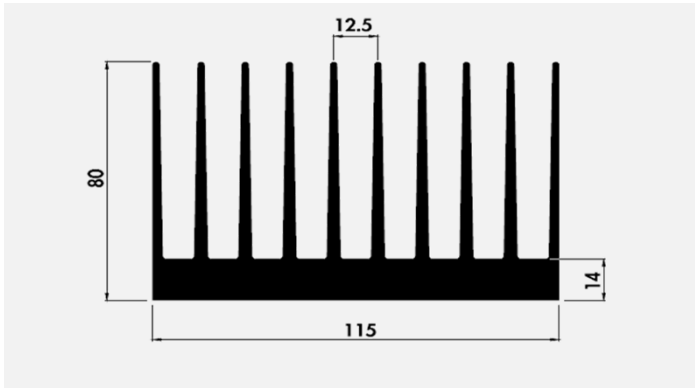
L: 150mm  
P: 3,43 kg/m



## SERIE P - suite

Extrudé

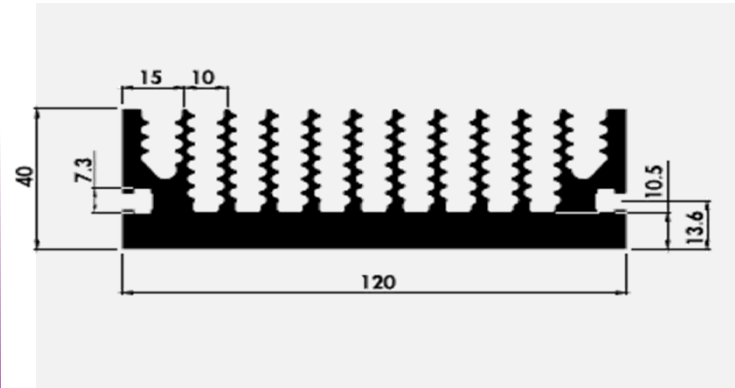
**STDP18.29**



Rth N : 0,68 K/W  
Rth F : 0,23 K/W

L: 150mm  
P: 9,52 kg/m

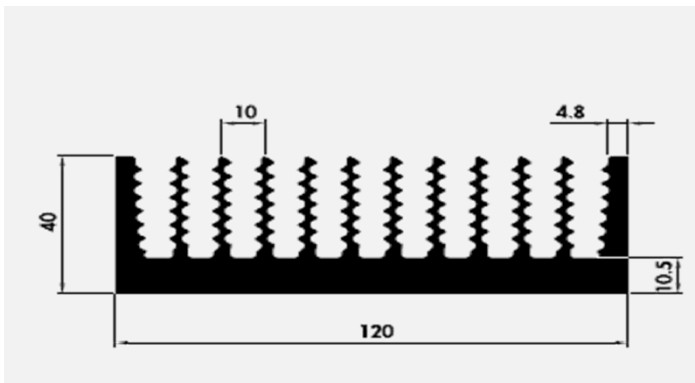
**STDP18.30**



Rth N : 0,83 K/W  
Rth F : 0,28 K/W

L: 150mm  
P: 6,7 kg/m

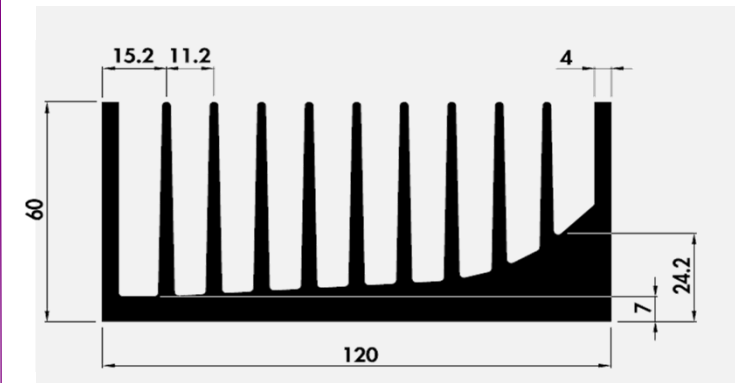
**STDP18.97**



Rth N : 0,83 K/W  
Rth F : 0,28 K/W

L: 150mm  
P: 6,51 kg/m

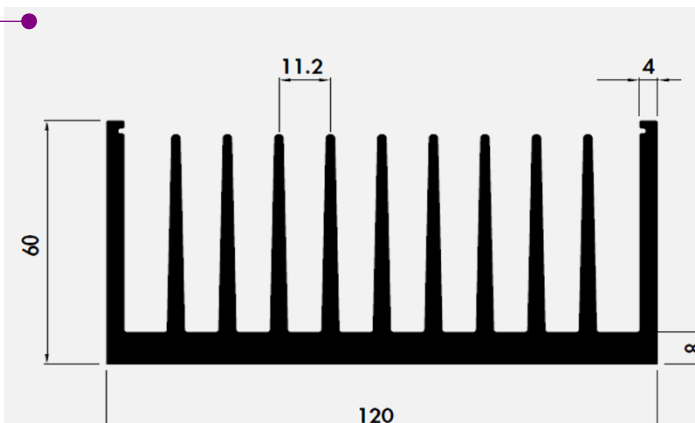
**STDP18.31**



Rth N : 0,77 K/W  
Rth F : 0,261 K/W

L: 150mm  
P: 8,37 kg/m

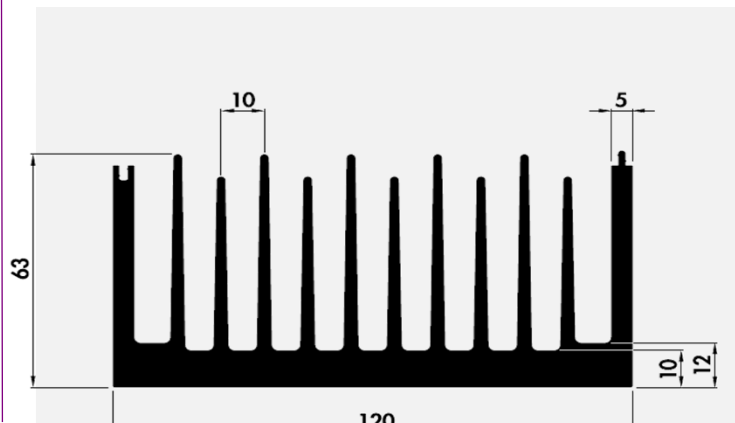
**STDP18.98**



Rth N : 0,76 K/W  
Rth F : 0,258 K/W

L: 150mm  
P: 7,29 kg/m

**STDP18.32**



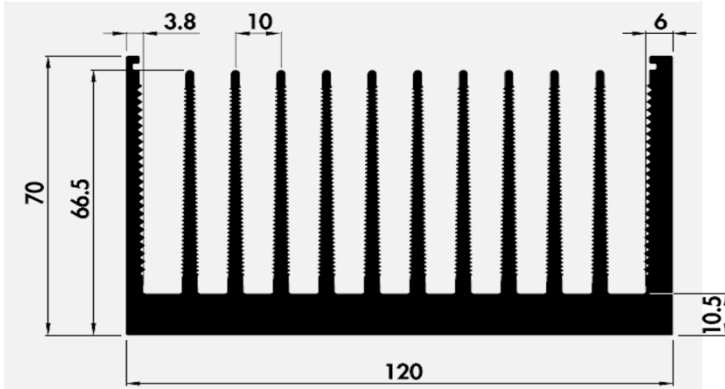
Rth N : 0,72 K/W  
Rth F : 0,243 K/W

L: 150mm  
P: 8,39 kg/m

## SERIE P - suite

Extrudé

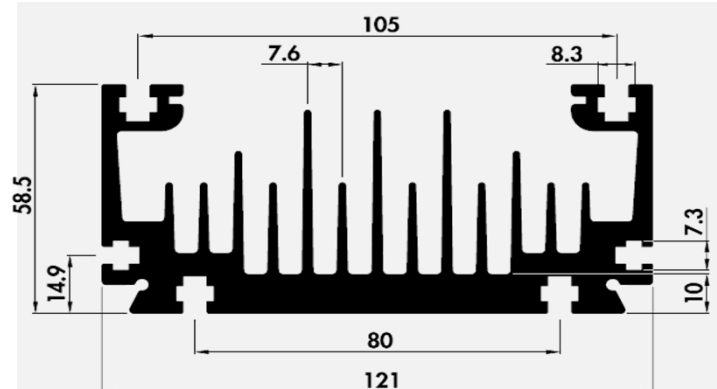
**STDP18.33**



Rth N : 0,55 K/W  
Rth F : 0,185 K/W

L: 150mm  
P: 8,96 kg/m

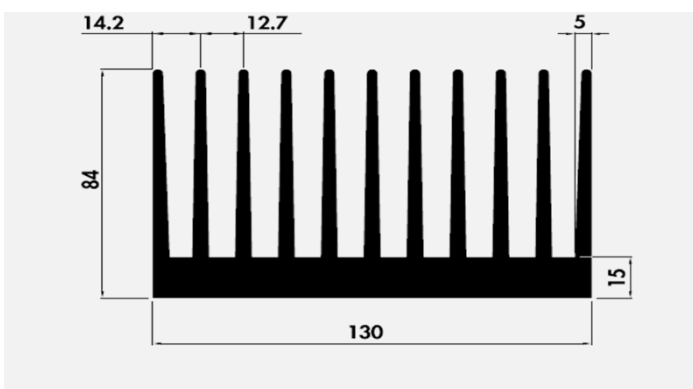
**STDP18.34**



Rth N : 0,77 K/W  
Rth F : 0,26 K/W

L: 150mm  
P: 7,13 kg/m

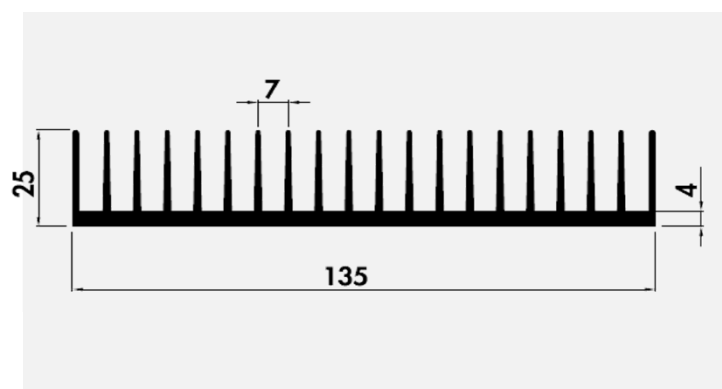
**STDP18.37**



Rth N : 0,62 K/W  
Rth F : 0,21 K/W

L: 150mm  
P: 13,44 kg/m

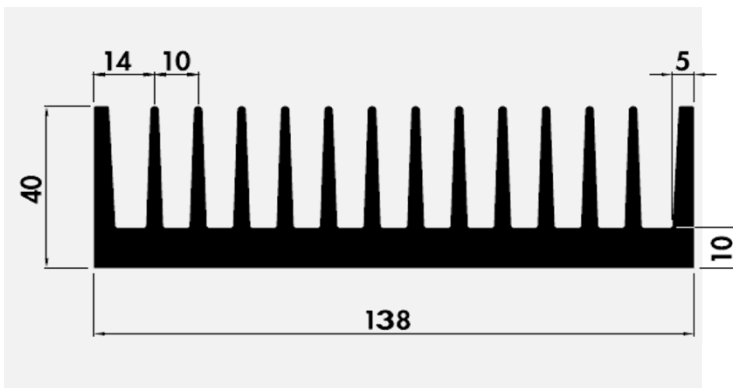
**STDP18.39**



Rth N : 0,87 K/W  
Rth F : 0,293 K/W

L: 150mm  
P: 3,25 kg/m

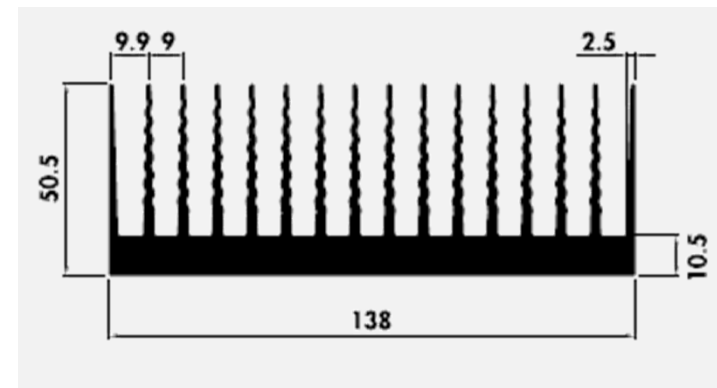
**STDP18.40**



Rth N : 0,88 K/W  
Rth F : 0,299 K/W

L: 150mm  
P: 7,29 kg/m

**STDP18.99**



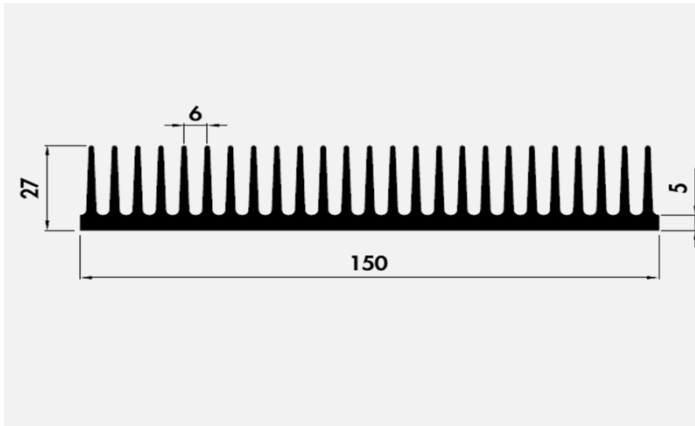
Rth N : 0,67 K/W  
Rth F : 0,228 K/W

L: 150mm  
P: 7,55 kg/m

## SERIE P - suite

Extrudé

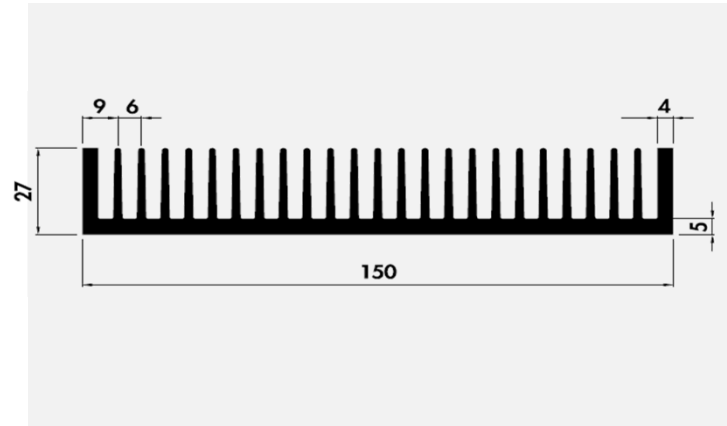
**STDP18.43**



Rth N : 0,76 K/W  
Rth F : 0,256 K/W

L: 150mm  
P: 5,17 kg/m

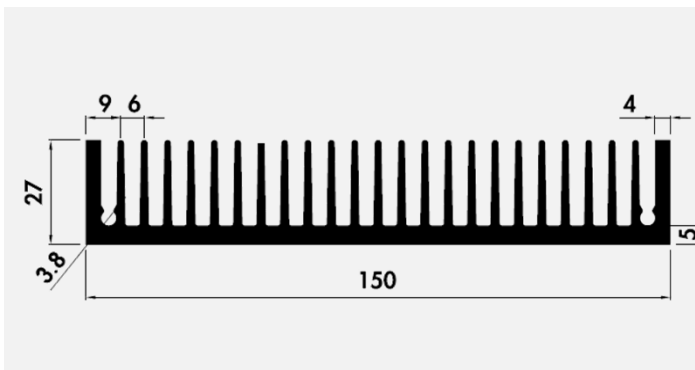
**STDP18.44**



Rth N : 0,74 K/W  
Rth F : 0,251 K/W

L: 150mm  
P: 5,27 kg/m

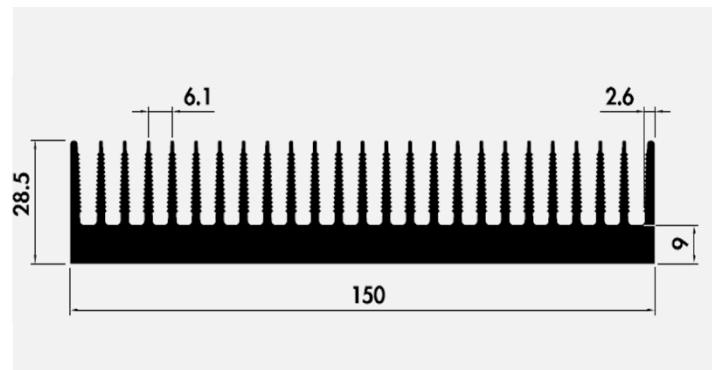
**STDP18.100**



Rth N : 0,74 K/W  
Rth F : 0,251 K/W

L: 150mm  
P: 5,29 kg/m

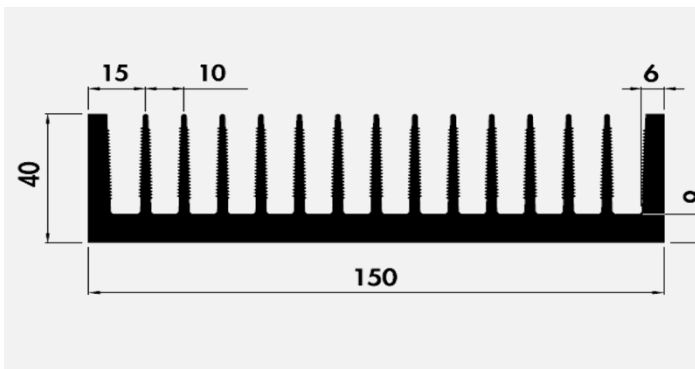
**STDP18.101**



Rth N : 0,66 K/W  
Rth F : 0,223 K/W

L: 150mm  
P: 6,29 kg/m

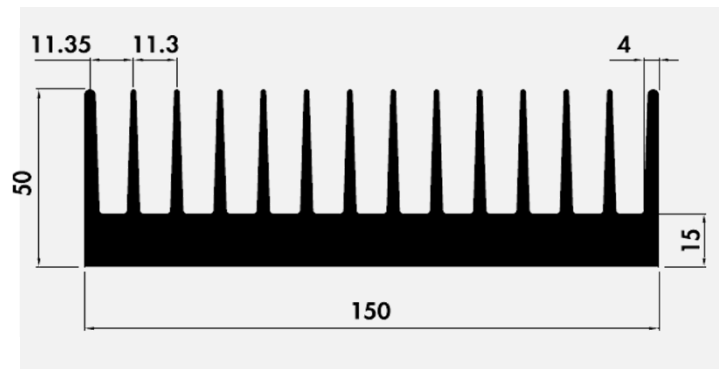
**STDP18.45**



Rth N : 0,68 K/W  
Rth F : 0,299 K/W

L: 150mm  
P: 7,42 kg/m

**STDP18.102**



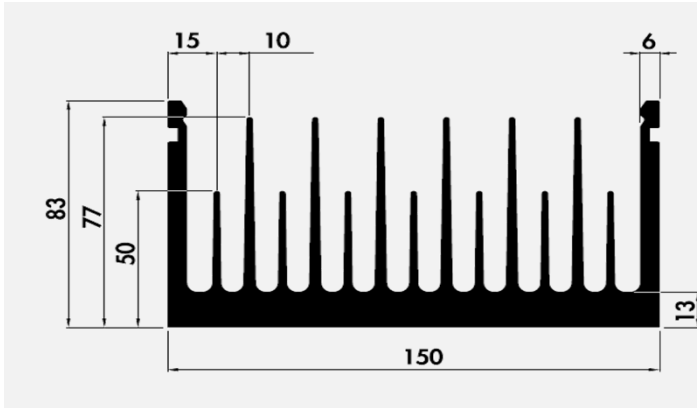
Rth N : 0,78 K/W  
Rth F : 0,265 K/W

L: 150mm  
P: 9,58 kg/m

## SERIE P - suite

Extrudé

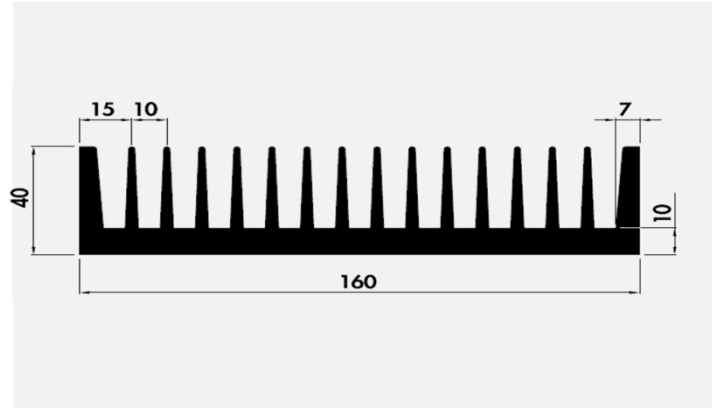
**STDP18.46**



Rth N : 0,61 K/W  
Rth F : 0,205 K/W

L: 150mm  
P: 12,33 kg/m

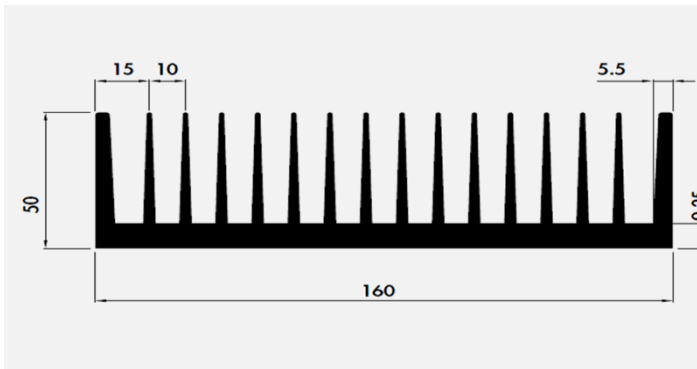
**STDP18.48**



Rth N : 0,64 K/W  
Rth F : 0,218 K/W

L: 200mm  
P: 8,64 kg/m

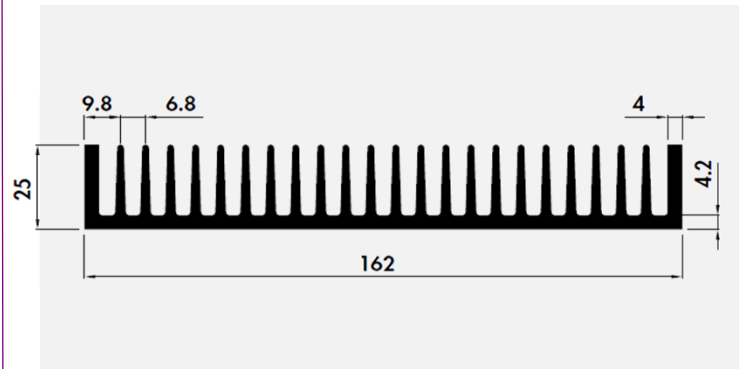
**STDP18.103**



Rth N : 0,55 K/W  
Rth F : 0,184 K/W

L: 200mm  
P: 8,86 kg/m

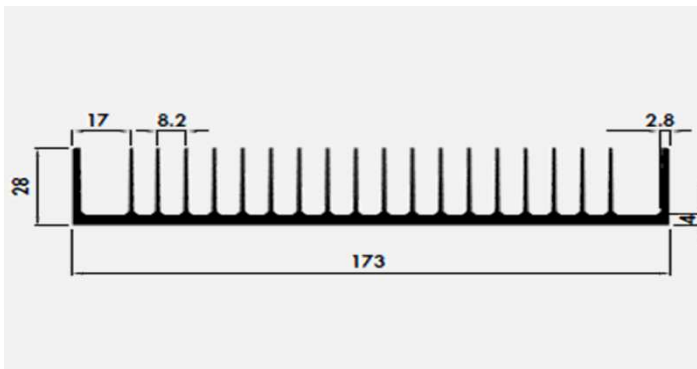
**STDP18.104**



Rth N : 0,64 K/W  
Rth F : 0,216 K/W

L: 200mm  
P: 5,23 kg/m

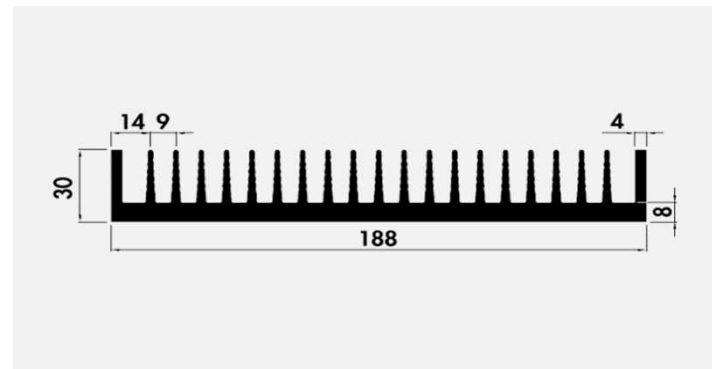
**STDP18.50**



Rth N : 0,44 K/W  
Rth F : 0,148 K/W

L: 200mm  
P: 4,22 kg/m

**STDP18.51**



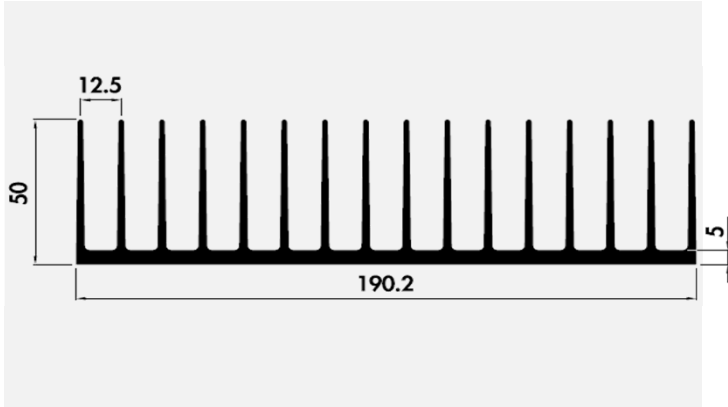
Rth N : 0,64 K/W  
Rth F : 0,216 K/W

L: 200mm  
P: 7,36 kg/m

## SERIE P - suite

Extrudé

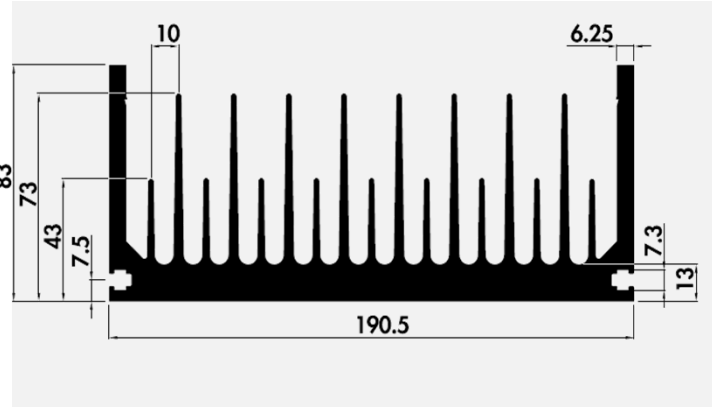
**STDP18.53**



Rth N : 0,51 K/W  
Rth F : 0,171 K/W

L: 200mm  
P: 6,87 kg/m

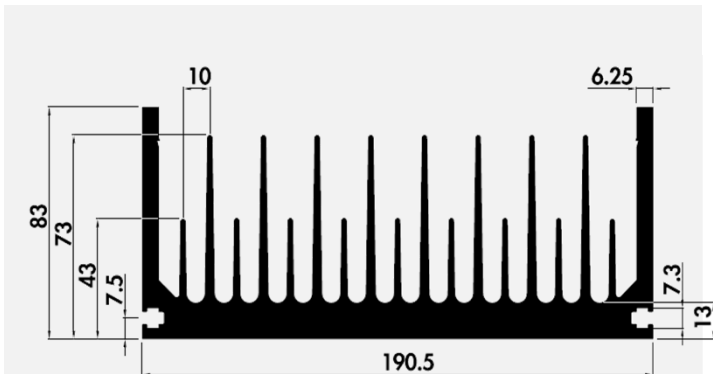
**STDP18.54**



Rth N : 0,43 K/W  
Rth F : 0,146 K/W

L: 200mm  
P: 14,83 kg/m

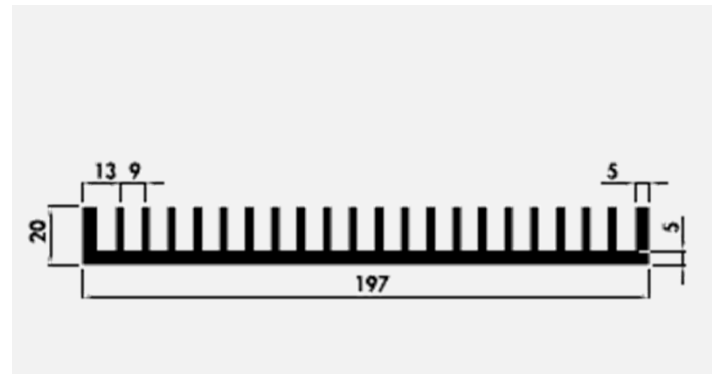
**STDP18.55**



Rth N : 0,45 K/W  
Rth F : 0,146 K/W

L: 200mm  
P: 14,75 kg/m

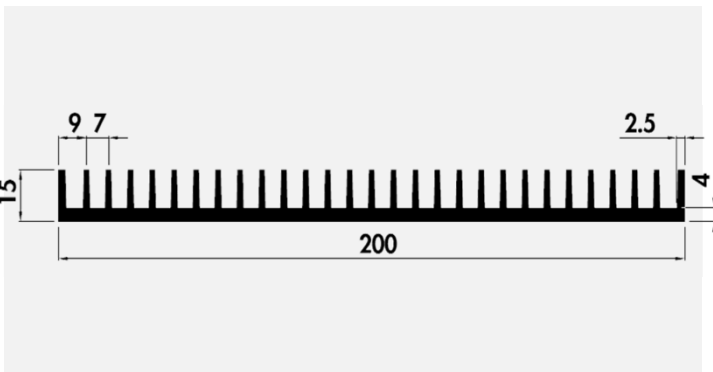
**STDP18.56**



Rth N : 0,72 K/W  
Rth F : 0,244 K/W

L: 200mm  
P: 5,5 kg/m

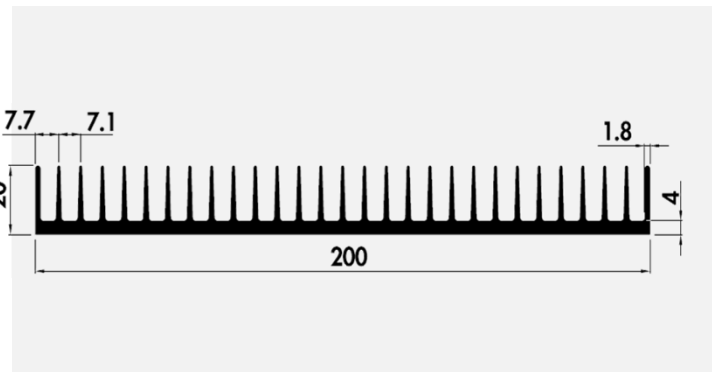
**STDP18.57**



Rth N : 0,74 K/W  
Rth F : 0,25 K/W

L: 200mm  
P: 3,9 kg/m

**STDP18.58**



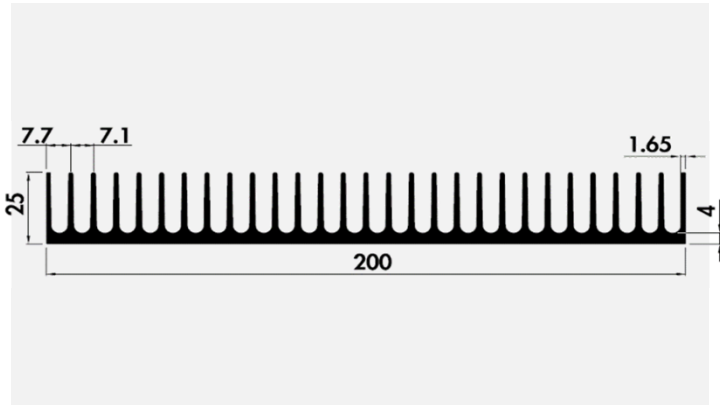
Rth N : 0,64 K/W  
Rth F : 0,216 K/W

L: 200mm  
P: 4,07 kg/m

## SERIE P - suite

Extrudé

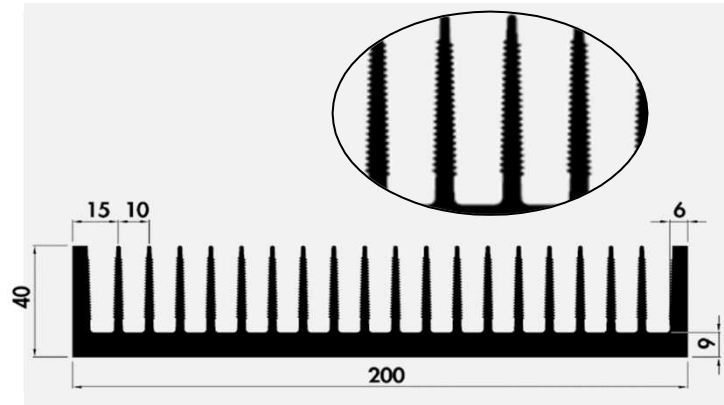
**STDP18.59**



Rth N : 0,56 K/W  
Rth F : 0,19 K/W

L: 200mm  
P: 5,38 kg/m

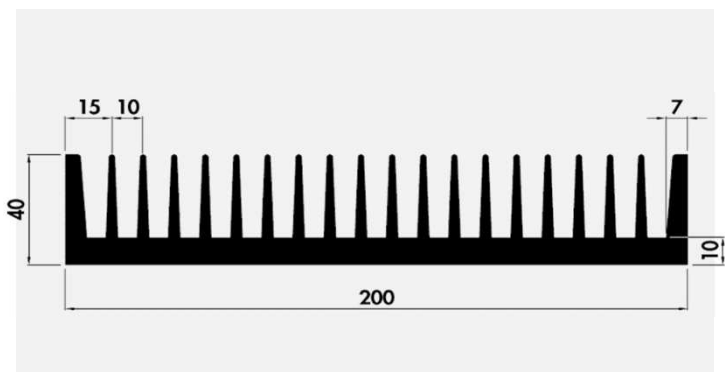
**STDP18.60**



Rth N : 0,46 K/W  
Rth F : 0,154 K/W

L: 200mm  
P: 9,72 kg/m

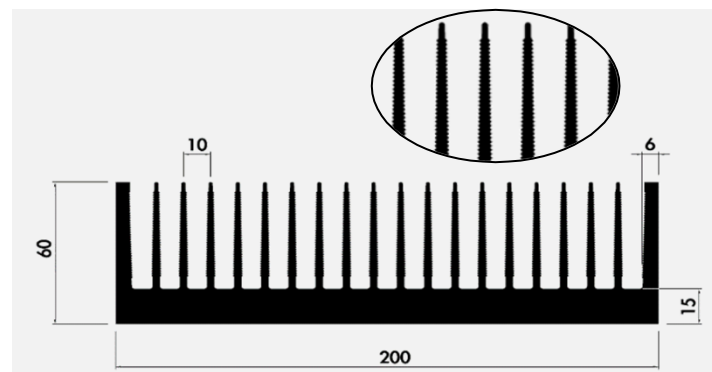
**STDP18.105**



Rth N : 0,55 K/W  
Rth F : 0,187 K/W

L: 200mm  
P: 10,67 kg/m

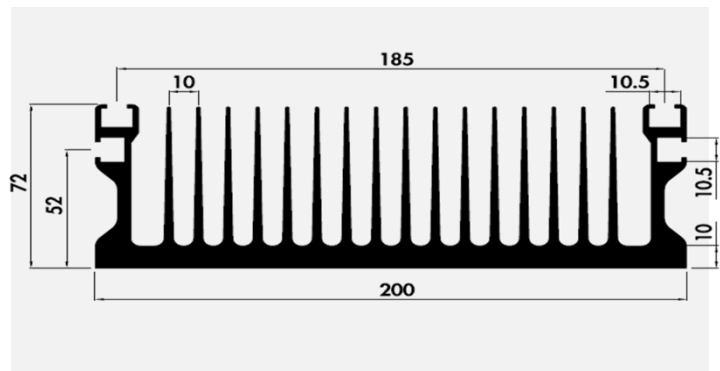
**STDP18.106**



Rth N : 0,36 K/W  
Rth F : 0,121 K/W

L: 200mm  
P: 15,16 kg/m

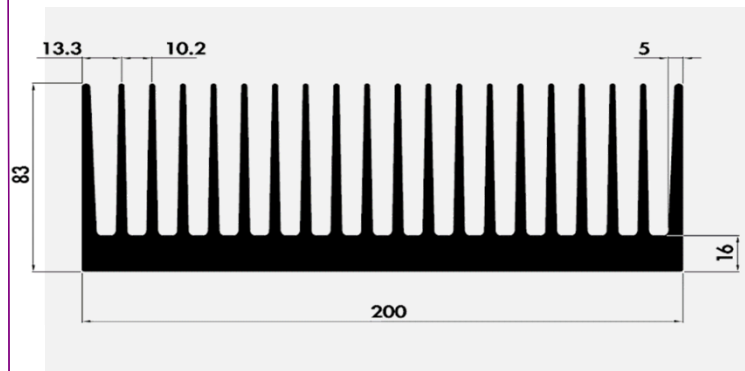
**STDP18.61**



Rth N : 0,38 K/W  
Rth F : 0,13 K/W

L: 200mm  
P: 14,53 kg/m

**STDP18.62**



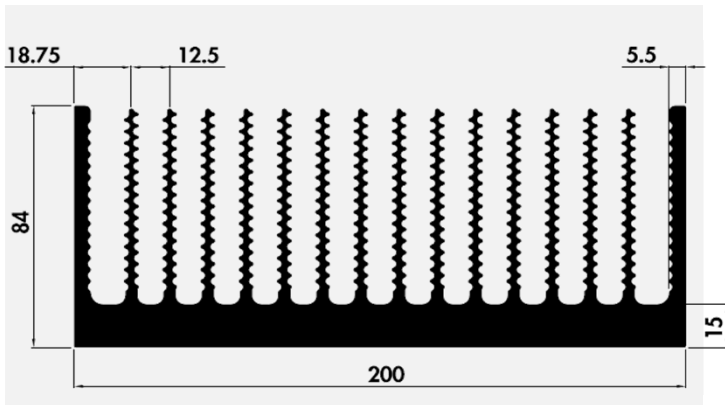
Rth N : 0,35 K/W  
Rth F : 0,119 K/W

L: 200mm  
P: 19,9 kg/m

## SERIE P - suite

Extrudé

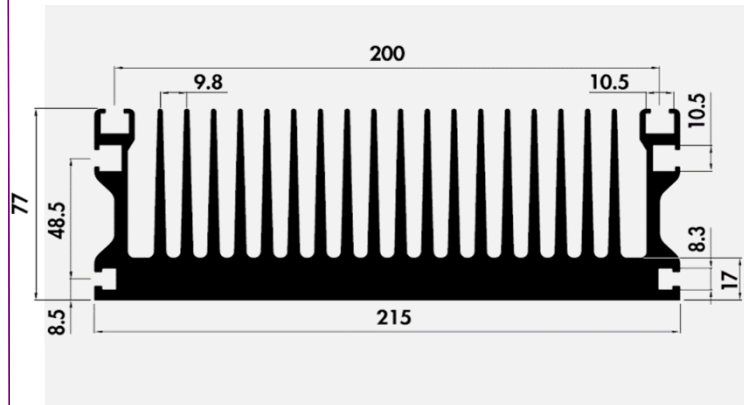
**STDP18.63**



Rth N : 0,34 K/W  
Rth F : 0,113 K/W

L: 200mm  
P: 17,74 kg/m

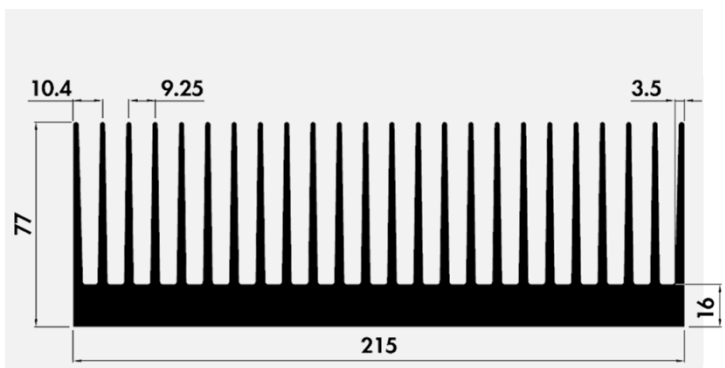
**STDP18.65**



Rth N : 0,31 K/W  
Rth F : 0,104 K/W

L: 250mm  
P: 22,15 kg/m

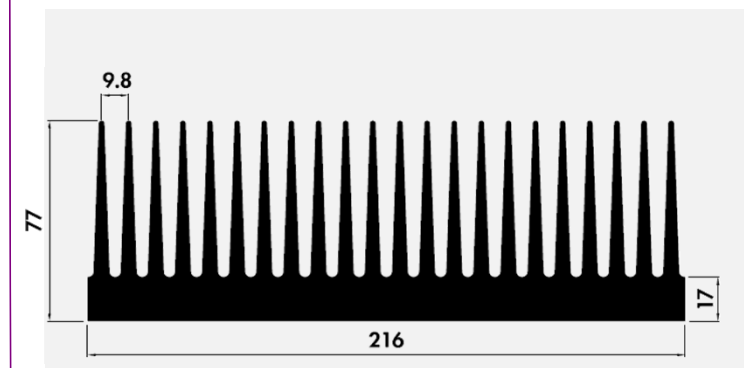
**STDP18.66**



Rth N : 0,28 K/W  
Rth F : 0,096 K/W

L: 250mm  
P: 19,8 kg/m

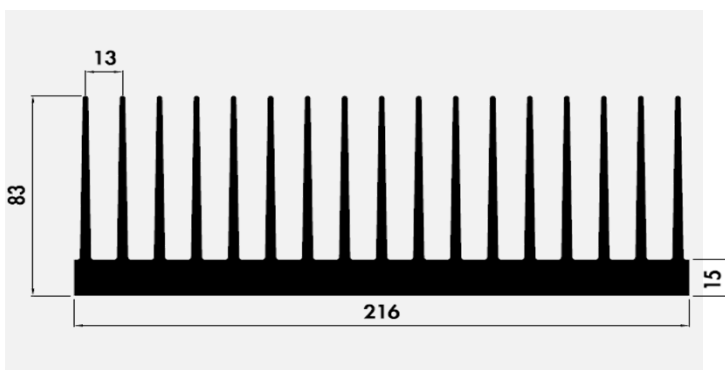
**STDP18.67**



Rth N : 0,31 K/W  
Rth F : 0,103 K/W

L: 250mm  
P: 24 kg/m

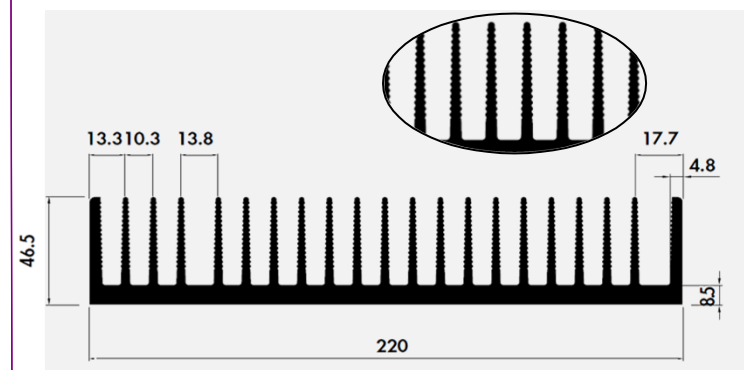
**STDP18.68**



Rth N : 0,32 K/W  
Rth F : 0,11 K/W

L: 250 mm  
P: 18,07 kg/m

**STDP18.107**



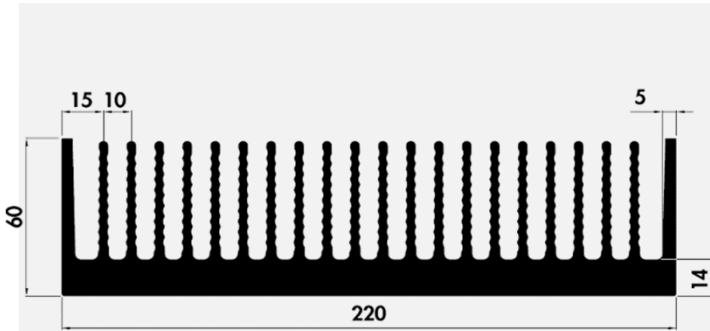
Rth N : 0,39 K/W  
Rth F : 0,13 K/W

L: 250mm  
P: 11,27 kg/m

## SERIE P - suite

Extrudé

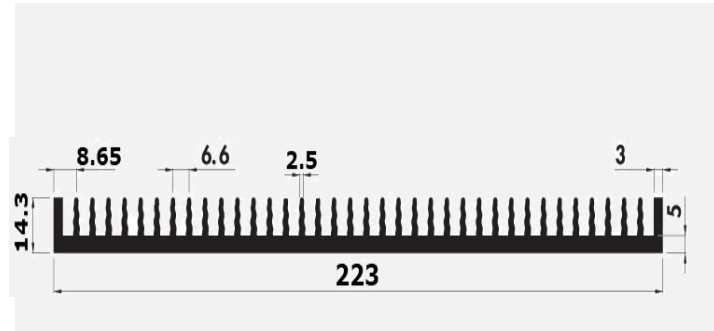
**STDP18.108**



Rth N : 0,35 K/W  
Rth F : 0,118 K/W

L: 250mm  
P: 17,27 kg/m

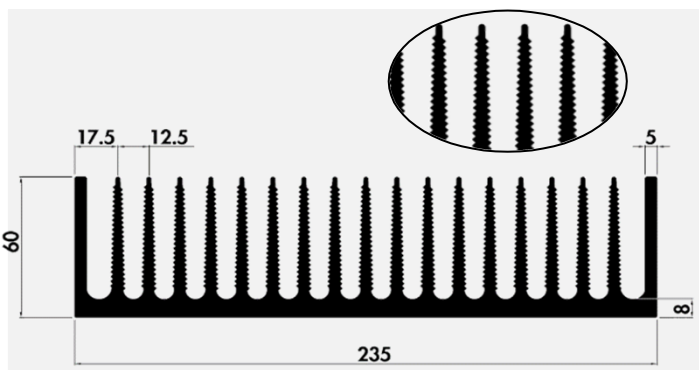
**STDP18.70**



Rth N : 0.82 K/W  
Rth F : 0,125K/W

L: 150mm  
P: 5.14 kg/m

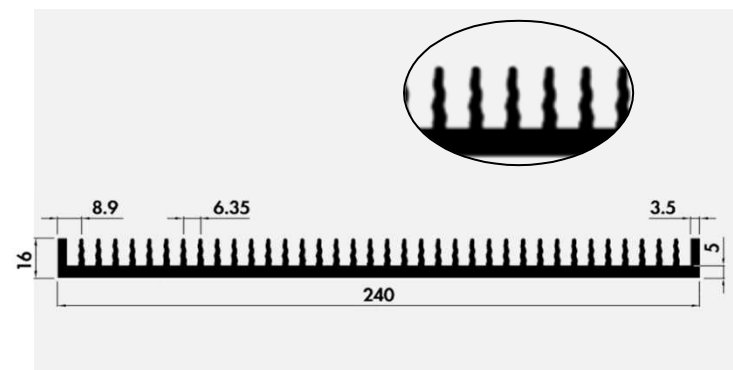
**STDP18.109**



Rth N : 0,29 K/W  
Rth F : 0,098 K/W

L: 250mm  
P: 14,76 kg/m

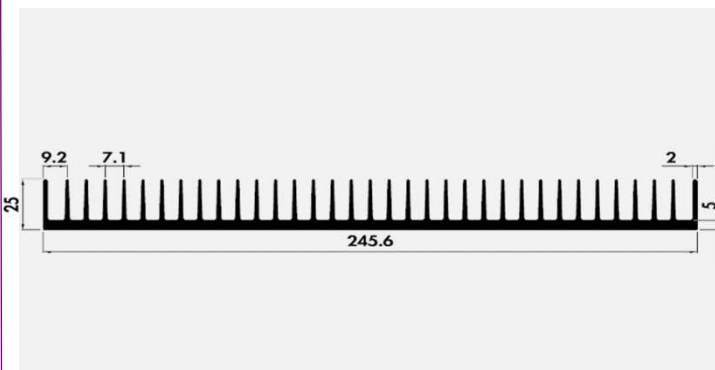
**STDP18.71**



Rth N : 0,54 K/W  
Rth F : 0,184 K/W

L: 250mm  
P: 5,57 kg/m

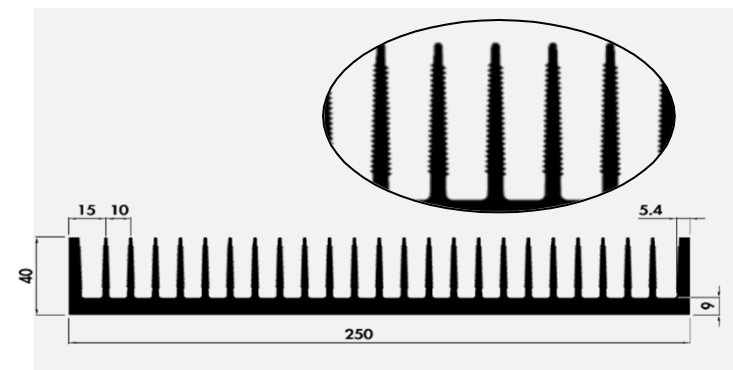
**STDP18.72**



Rth N : 0,43 K/W  
Rth F : 0,144 K/W

L: 250 mm  
P: 6,39 kg/m

**STDP18.73**



Rth N : 0,33 K/W  
Rth F : 0,113 K/W

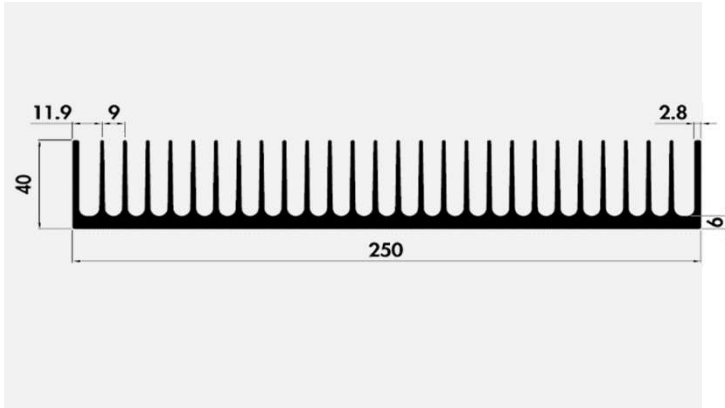
L: 250mm  
P: 11,94 kg/m



## SERIE P - suite

Extrudé

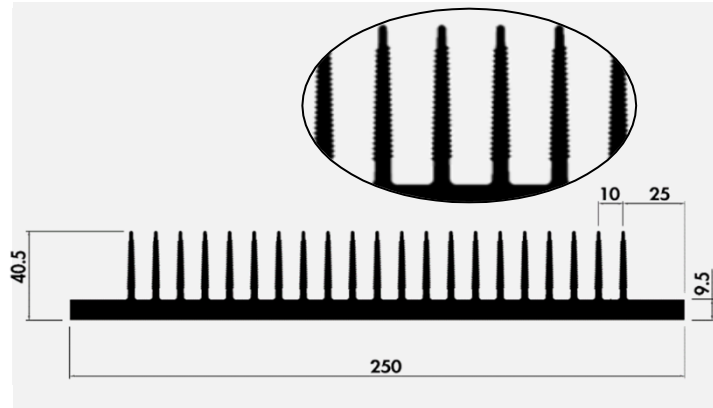
**STDP18.74**



Rth N : 0,36 K/W  
Rth F : 0,123 K/W

L: 250mm  
P: 9,66 kg/m

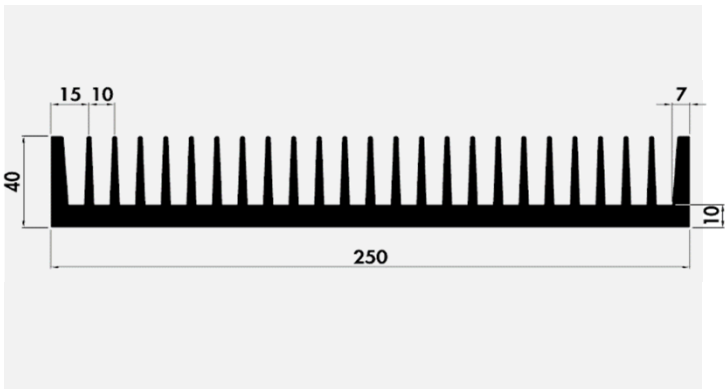
**STDP18.110**



Rth N : 0,37 K/W  
Rth F : 0,124 K/W

L: 250mm  
P: 10,97 kg/m

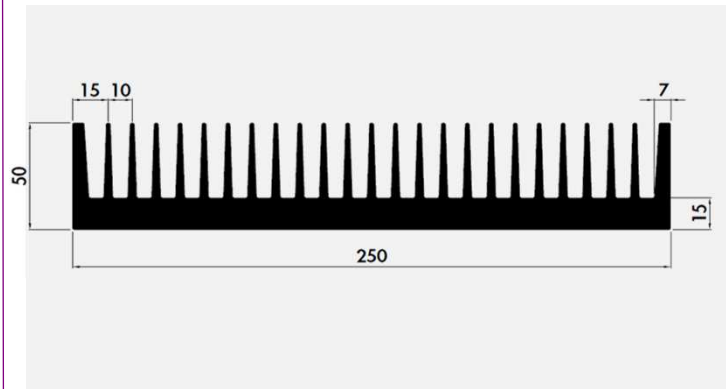
**STDP18.111**



Rth N : 0,41 K/W  
Rth F : 0,136 K/W

L: 250mm  
P: 13,22 kg/m

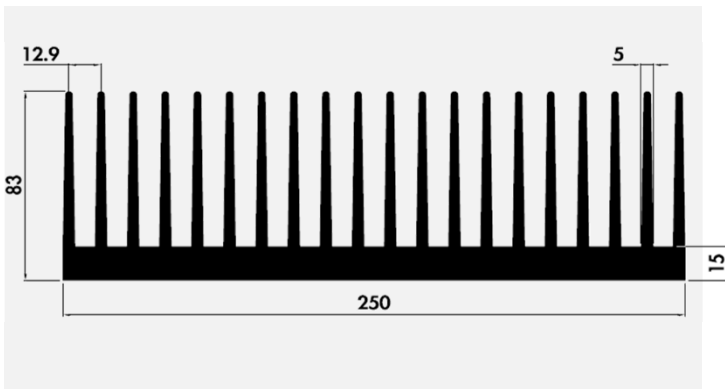
**STDP18.112**



Rth N : 0,38 K/W  
Rth F : 0,127 K/W

L: 250mm  
P: 17,7 kg/m

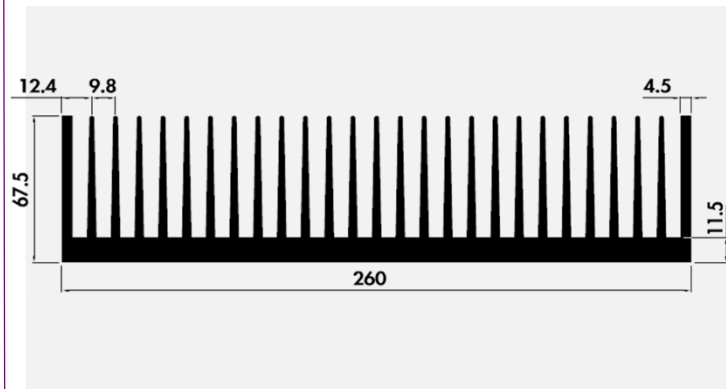
**STDP18.75**



Rth N : 0,29 K/W  
Rth F : 0,098 K/W

L: 250 mm  
P: 24,68 kg/m

**STDP18.76**



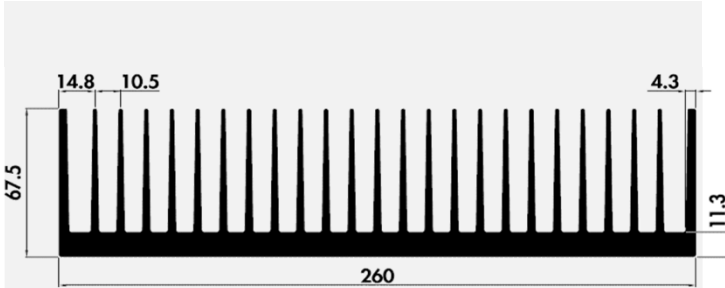
Rth N : 0,24 K/W  
Rth F : 0,081 K/W

L: 300mm  
P: 20,68 kg/m

## SERIE P - suite

Extrudé

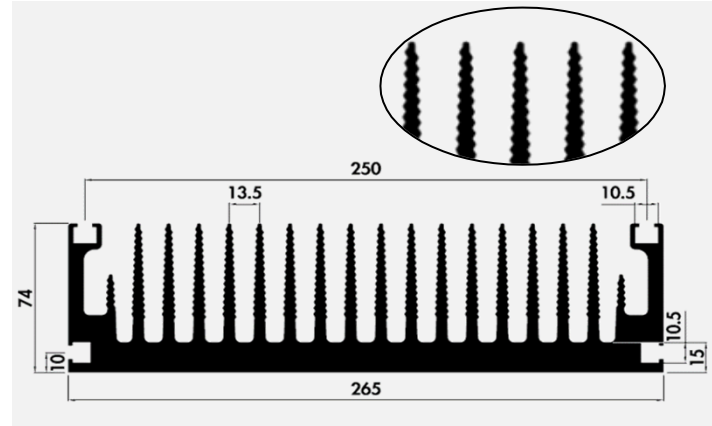
**STDP18.77**



Rth N : 0,25 K/W  
Rth F : 0,085 K/W

L: 300mm  
P: 18,18 kg/m

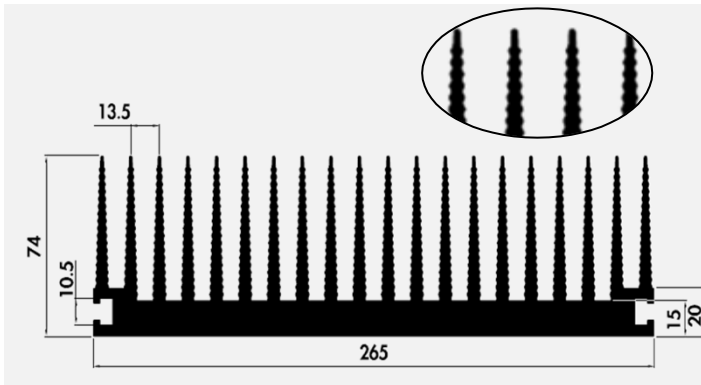
**STDP18.78**



Rth N : 0,27 K/W  
Rth F : 0,091 K/W

L: 300mm  
P: 24,92 kg/m

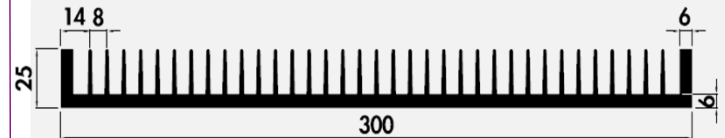
**STDP18.79**



Rth N : 0,29 K/W  
Rth F : 0,09 K/W

L: 300mm  
P: 24,13 kg/m

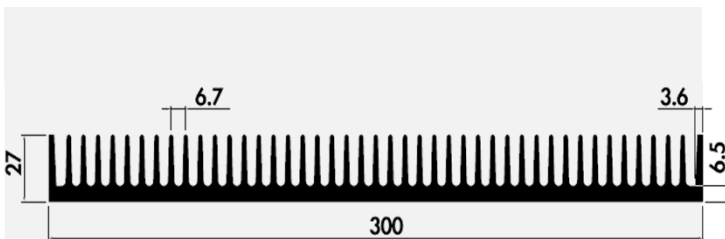
**STDP18.82**



Rth N : 0,36 K/W  
Rth F : 0,121 K/W

L: 300mm  
P: 9,01 kg/m

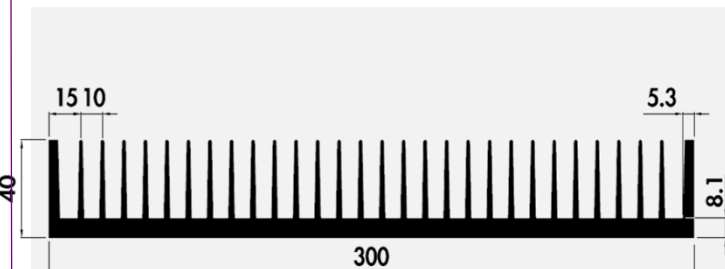
**STDP18.113**



Rth N : 0,32 K/W  
Rth F : 0,108 K/W

L: 300 mm  
P: 11,9 kg/m

**STDP18.83**



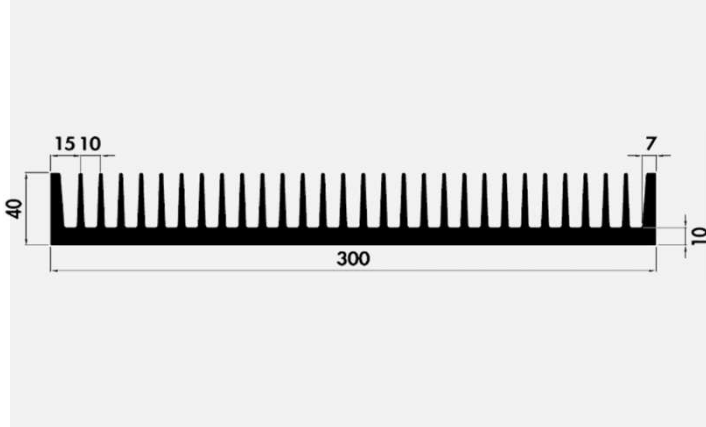
Rth N : 0,3 K/W  
Rth F : 0,103 K/W

L: 300mm  
P: 13,02 kg/m

## SERIE P - suite

Extrudé

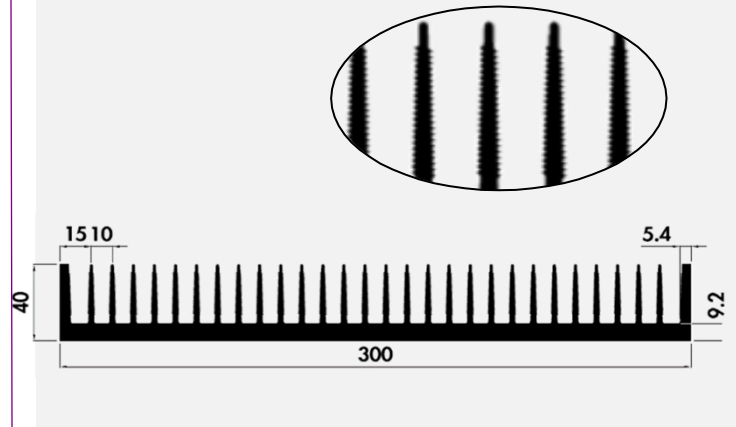
**STDP18.84**



Rth N : 0,32 K/W  
Rth F : 0,108 K/W

L: 300mm  
P: 15,8 kg/m

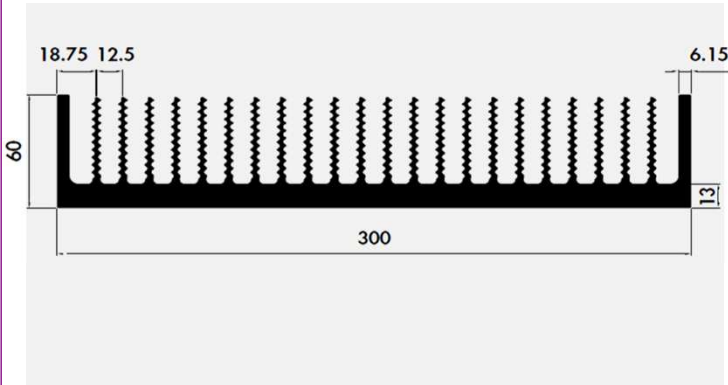
**STDP18.85**



Rth N : 0,26 K/W  
Rth F : 0,088 K/W

L: 300mm  
P: 14,35 kg/m

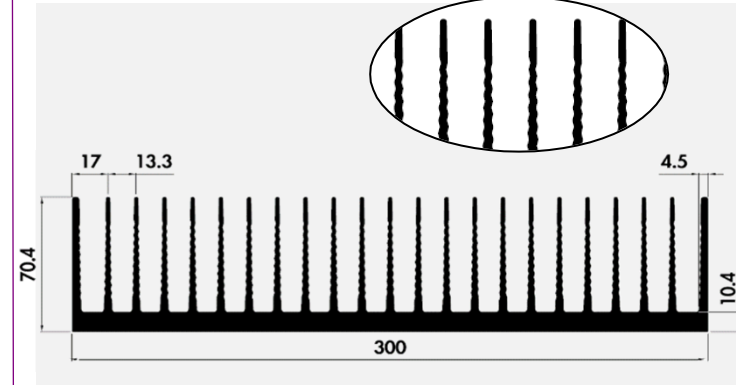
**STDP18.114**



Rth N : 0,25 K/W  
Rth F : 0,083 K/W

L: 300mm  
P: 20,53 kg/m

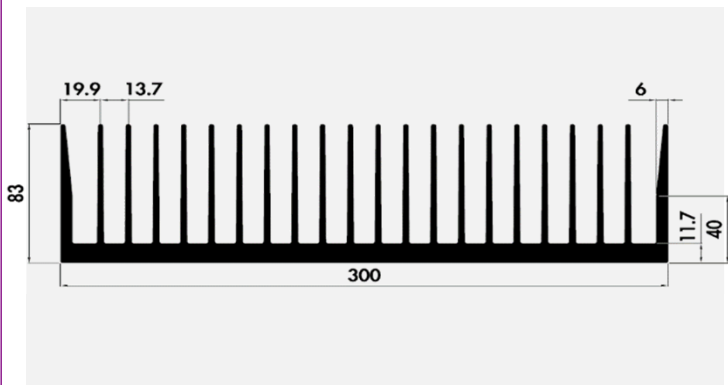
**STDP18.86**



Rth N : 0,25 K/W  
Rth F : 0,084 K/W

L: 300mm  
P: 18,77 kg/m

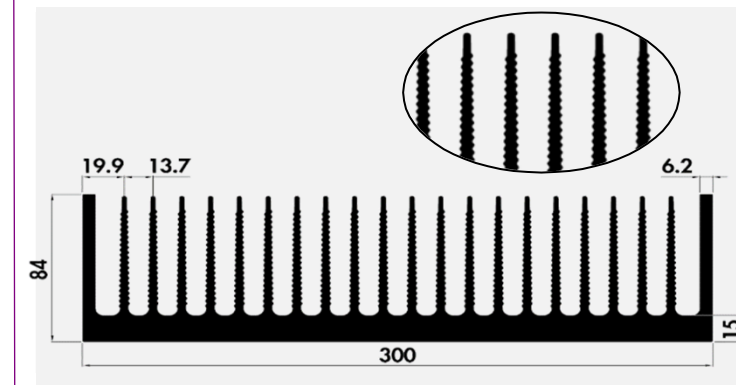
**STDP18.87**



Rth N : 0,23 K/W  
Rth F : 0,078 K/W

L: 300 mm  
P: 23,07 kg/m

**STDP18.88**



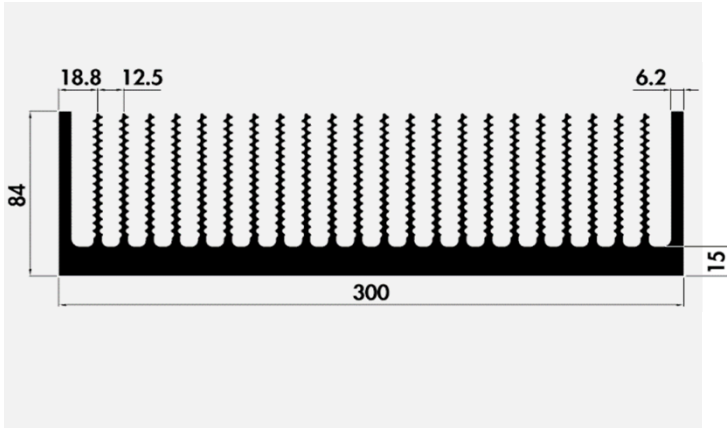
Rth N : 0,023 K/W  
Rth F : 0,078 K/W

L: 300mm  
P: 28,44 kg/m

## SERIE P - suite

Extrudé

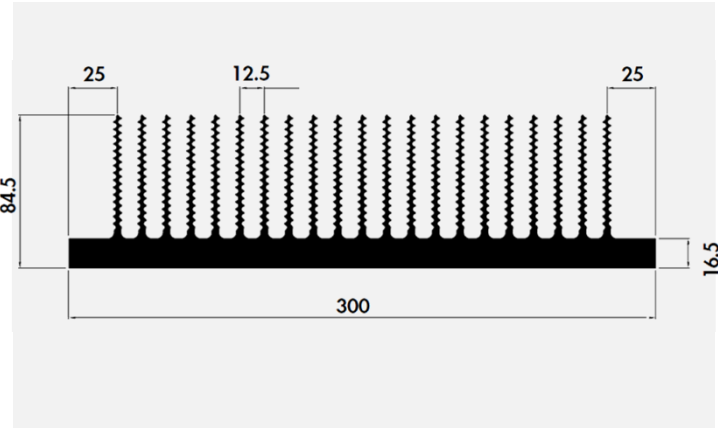
STDP18.89



Rth N : 0,19 K/W  
Rth F : 0,065 K/W

L: 300mm  
P: 26,64 kg/m

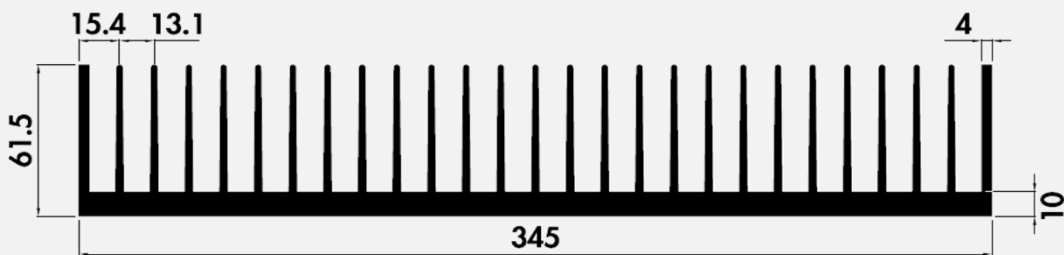
STDP18.115



Rth N : 0,2 K/W  
Rth F : 0,069 K/W

L: 300mm  
P: 24,99 kg/m

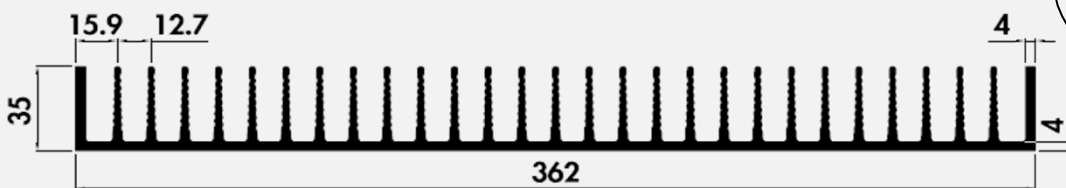
STDP18.90



Rth N : 0,2 K/W  
Rth F : 0,067 K/W

L: 400mm  
P: 20,07 kg/m

STDP18.91



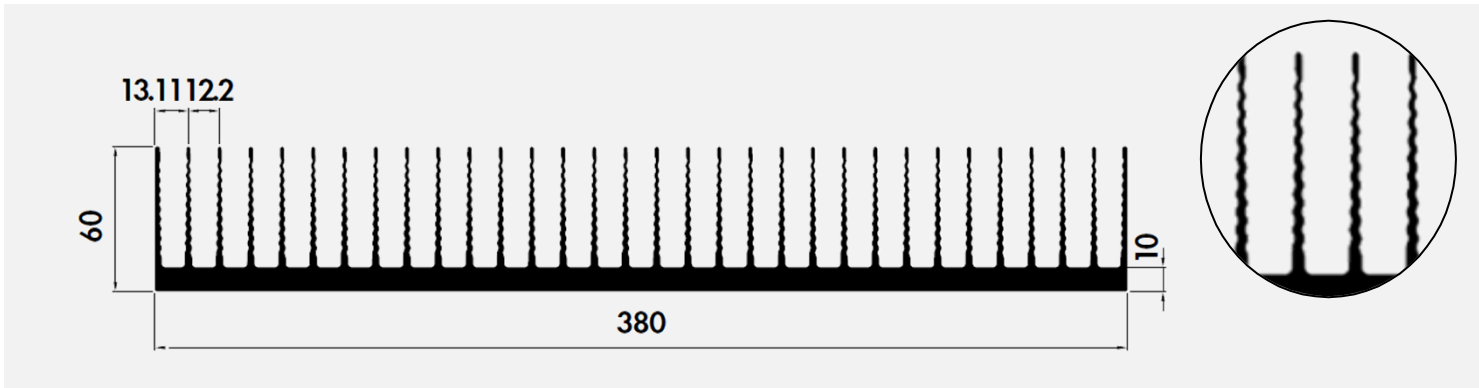
Rth N : 0,25 K/W  
Rth F : 0,085 K/W

L: 400mm  
P: 11,13 kg/m

## SERIE P - suite

Extrudé

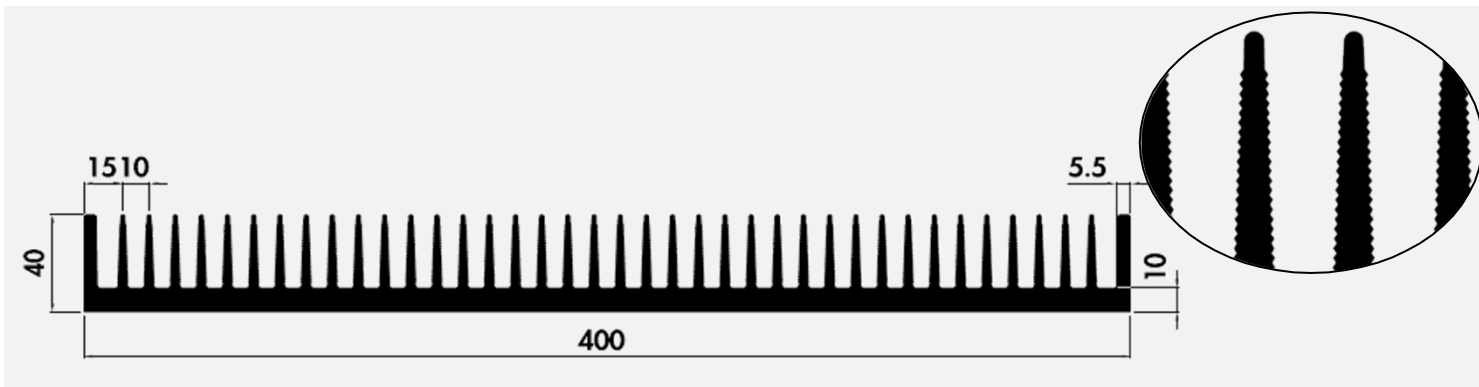
### STDP18.116



Rth N : 0,18 K/W  
Rth F : 0,061 K/W

L: 400 mm  
P: 18,35 kg/m

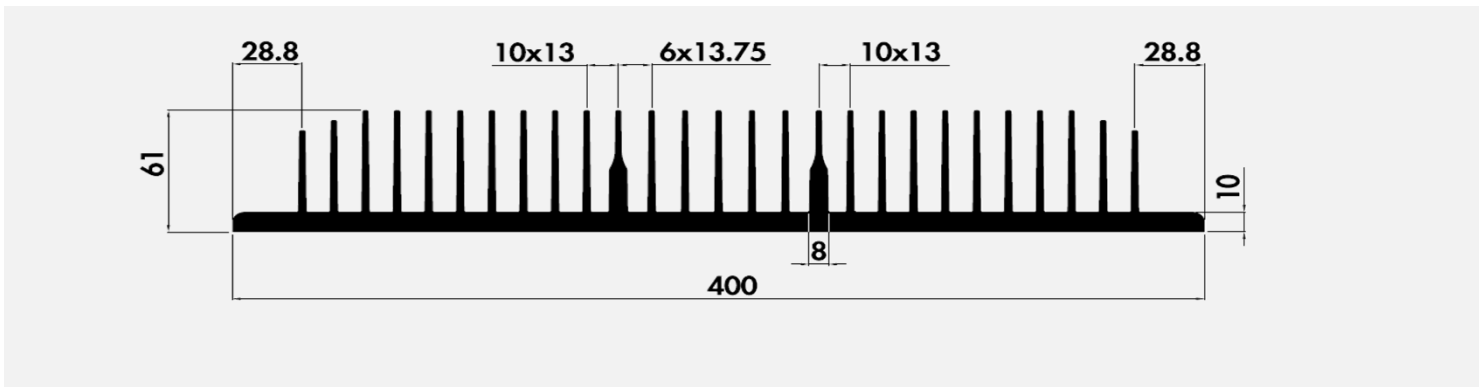
### STDP18.92



Rth N : 0,2 K/W  
Rth F : 0,069 K/W

L: 400mm  
P: 21,44 kg/m

### STDP18.93



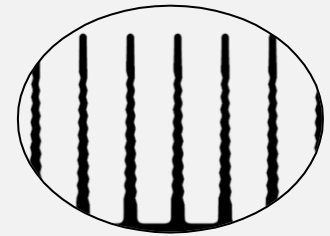
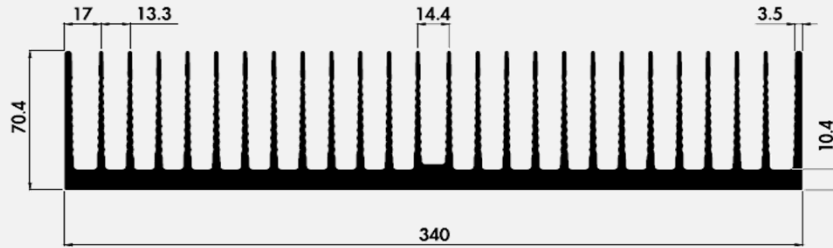
Rth N : 0,2 K/W  
Rth F : 0,067 K/W

L: 400mm  
P: 22,35 kg/m

## SERIE W

Soudé

STDW18.01



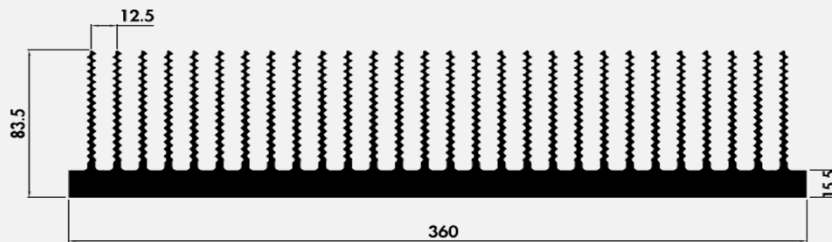
Rth N : 0,19 K/W

Rth F : 0,063 K/W

P: 21,29 kg/m

L: 400mm

STDW18.24



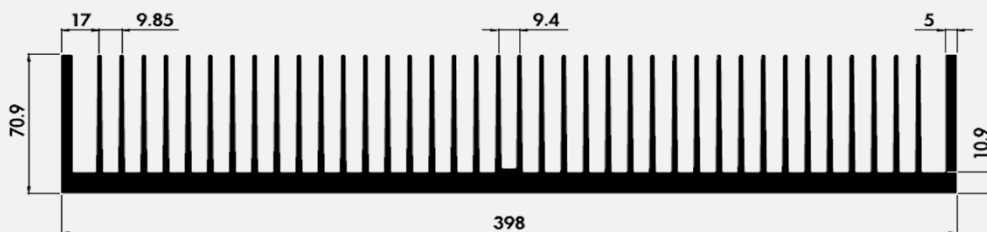
Rth N : 0,14 K/W

Rth F : 0,047 K/W

P: 30,4 kg/m

L: 400mm

STDW18.02



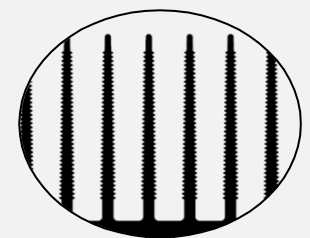
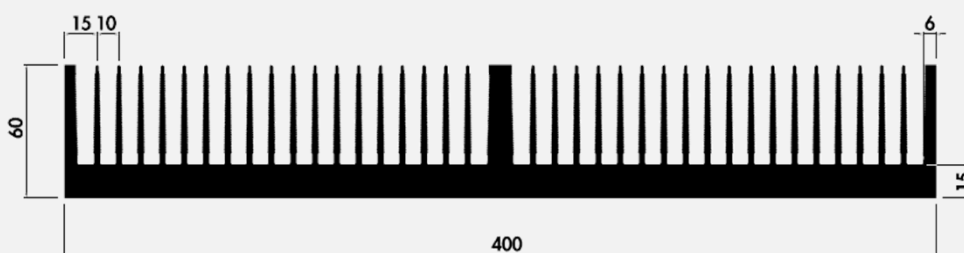
Rth N : 0,14 K/W

Rth F : 0,049 K/W

P: 28,7 kg/m

L: 400 mm

STDW18.03



Rth N : 0,14 K/W

Rth F : 0,046 K/W

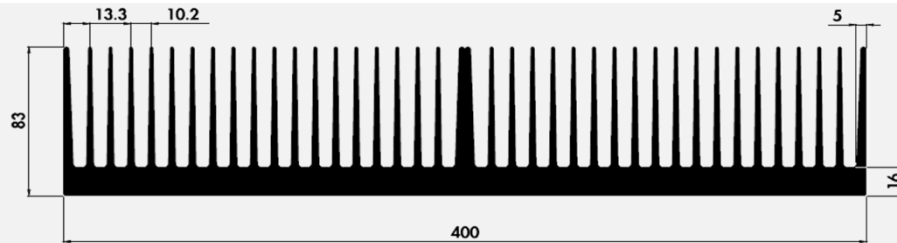
P: 30,32 kg/m

L: 400 mm

## SERIE W - suite

Soudé

**STDW18.04**



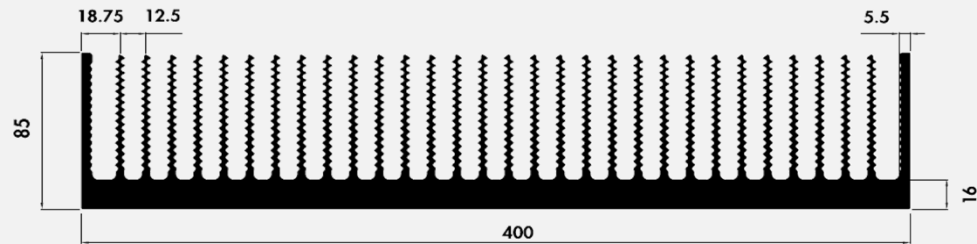
Rth N : 0,14 K/W

Rth F : 0,047 K/W

P: 39,75 kg/m

L: 400mm

**STDW18.05**



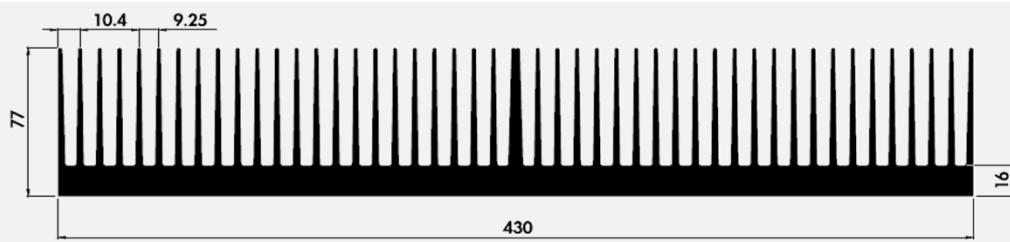
Rth N : 0,13 K/W

Rth F : 0,043 K/W

P: 35,76 kg/m

L: 400mm

**STDW18.06**



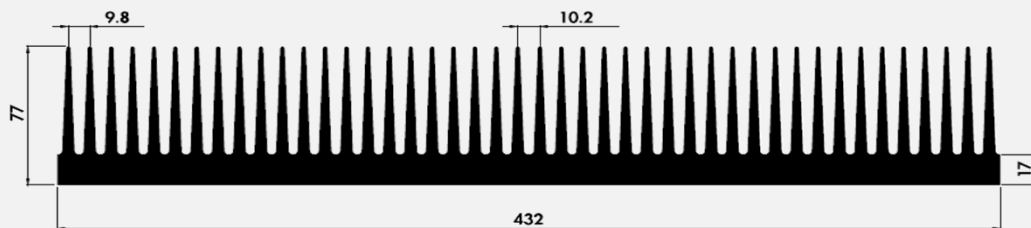
Rth N : 0,12 K/W

Rth F : 0,04 K/W

P: 39,6 kg/m

L: 450 mm

**STDW18.07**



Rth N : 0,13 K/W

Rth F : 0,043 K/W

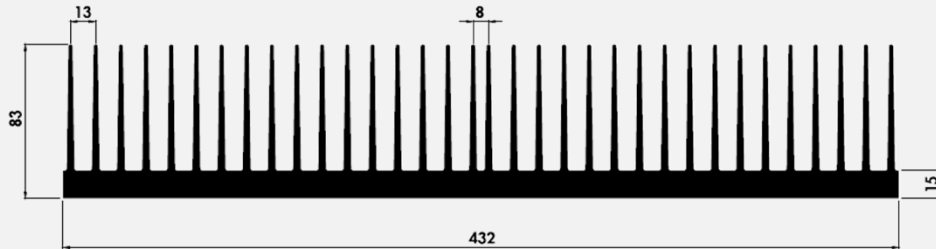
P: 48 kg/m

L: 450 mm

## SERIE W - suite

Soudé

### STDW18.08



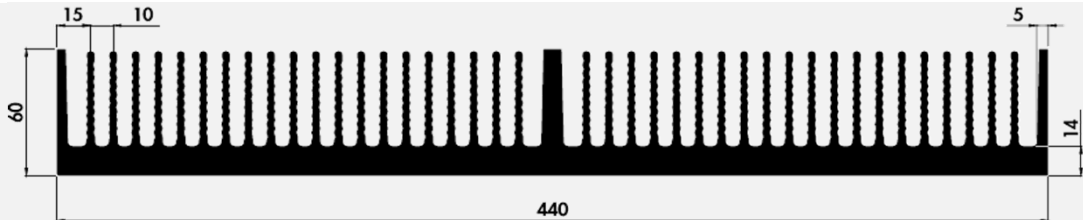
Rth N : 0,13 K/W

Rth F : 0,046 K/W

P: 36,13 kg/m

L: 450mm

### STDW18.09



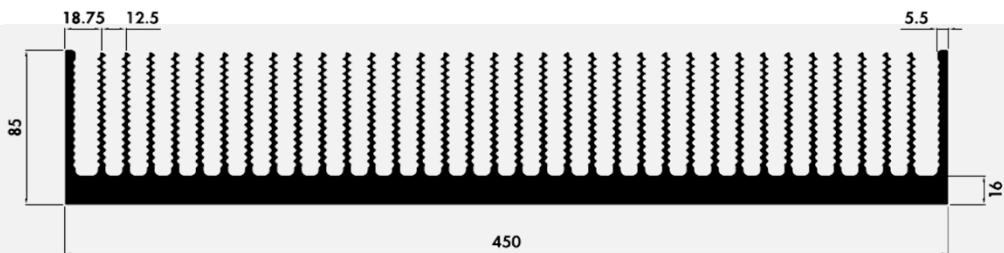
Rth N : 0,15 K/W

Rth F : 0,05 K/W

P: 34,54 kg/m

L: 450mm

### STDW18.25



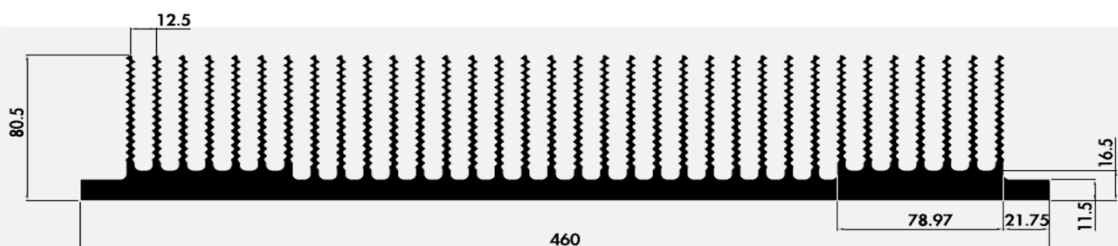
Rth N : 0,11 K/W

Rth F : 0,037 K/W

P: 40,13 kg/m

L: 450 mm

### STDW18.26



Rth N : 0,11 K/W

Rth F : 0,038 K/W

P: 34,95 kg/m

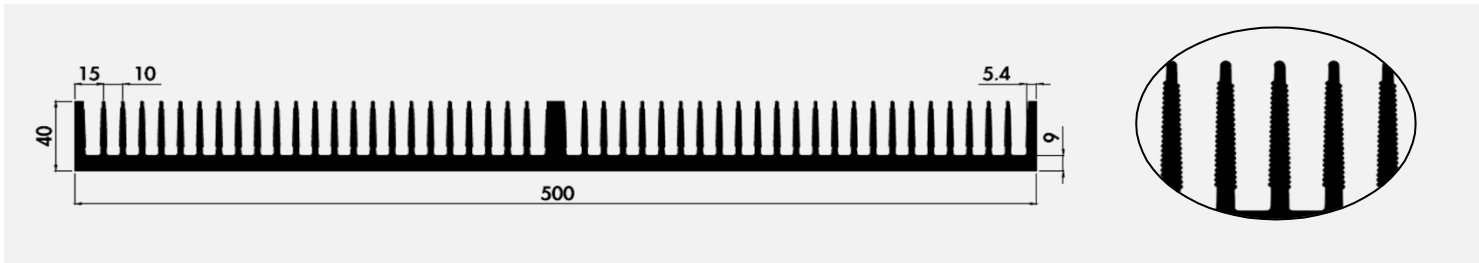
L: 450 mm



## SERIE W - suite

Soudé

STDW18.10



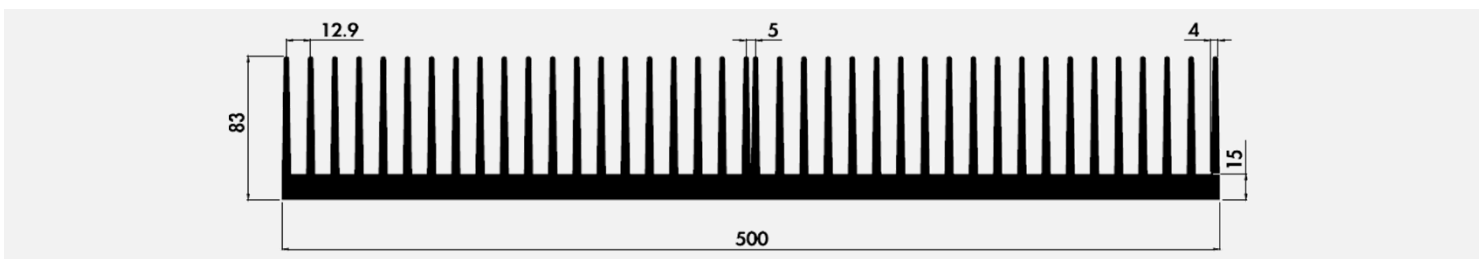
Rth N : 0,13 K/W

Rth F : 0,044 K/W

P: 23,87 kg/m

L: 500mm

STDW18.11



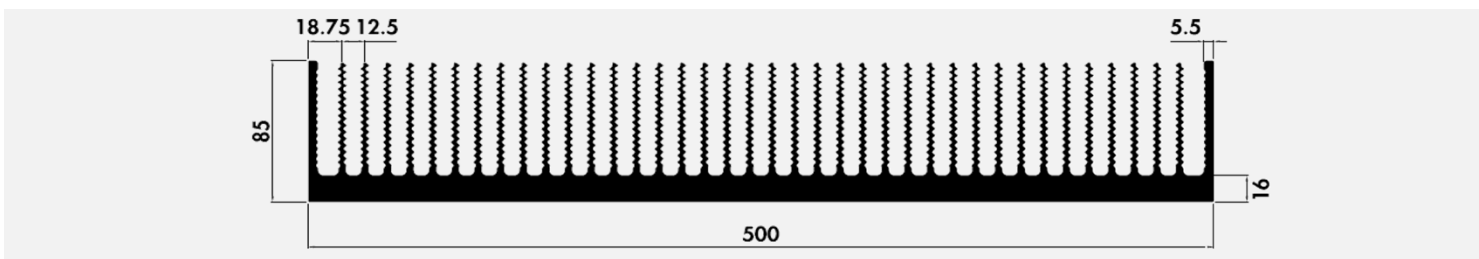
Rth N : 0,11 K/W

Rth F : 0,038 K/W

P: 49,36 kg/m

L: 500mm

STDW18.27



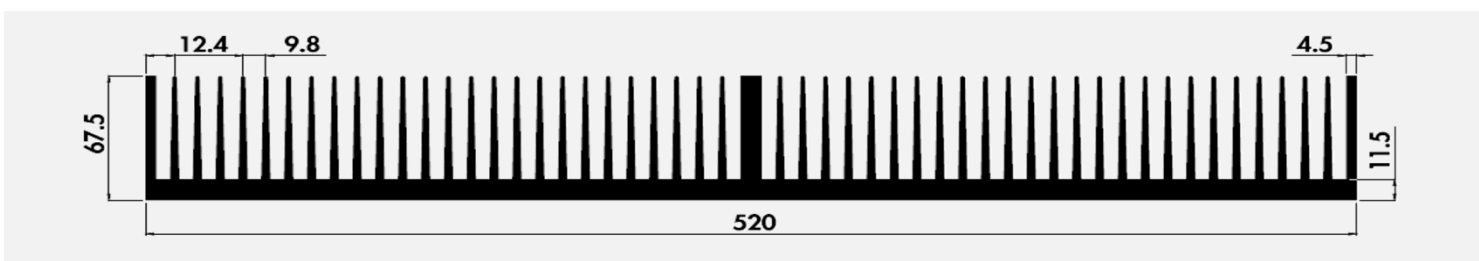
Rth N : 0,09 K/W

Rth F : 0,032 K/W

P: 44,51 kg/m

L: 500 mm

STDW18.12



Rth N : 0,11 K/W

Rth F : 0,036 K/W

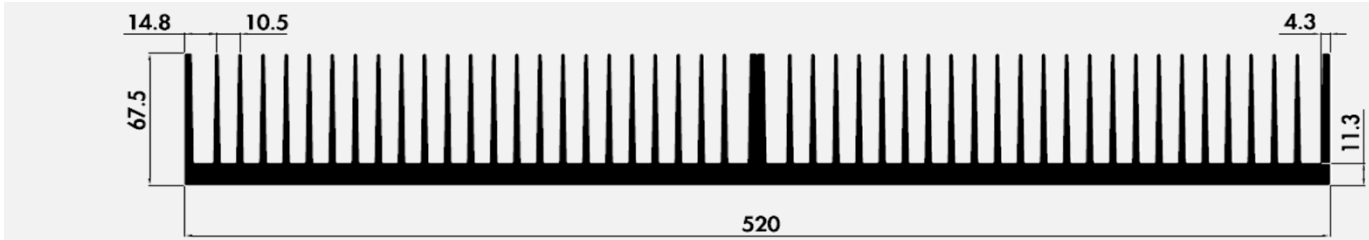
P: 41,36 kg/m

L: 500 mm

## SERIE W - suite

Soudé

**STDW18.13**



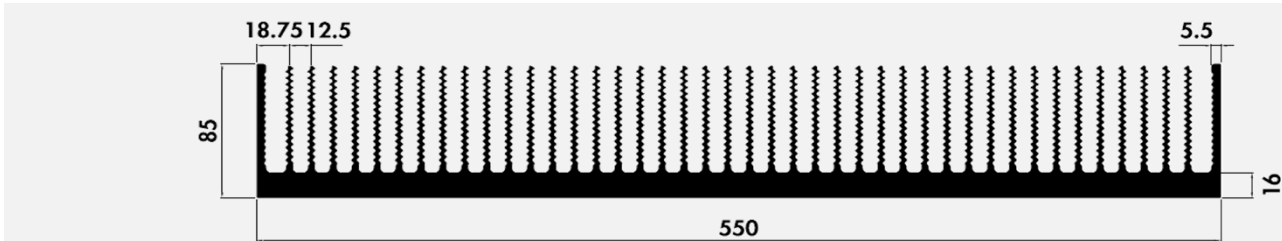
Rth N : 0,11 K/W

Rth F : 0,038 K/W

P: 36,37 kg/m

L: 500mm

**STDW18.28**



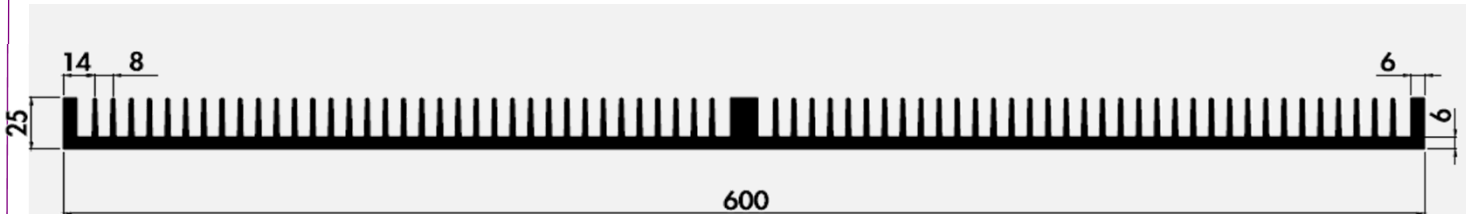
Rth N : 0,08 K/W

Rth F : 0,028 K/W

P: 48,88 kg/m

L: 550mm

**STDW18.14**



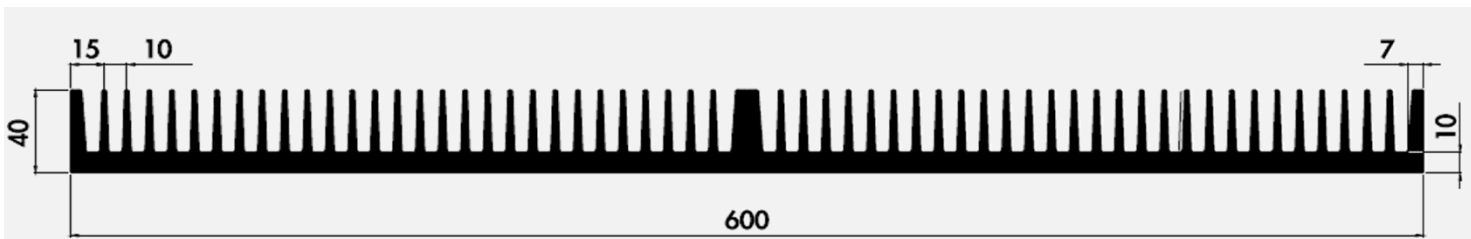
Rth N : 0,14 K/W

Rth F : 0,047 K/W

P: 18,02 kg/m

L: 600 mm

**STDW18.15**



Rth N : 0,12 K/W

Rth F : 0,042 K/W

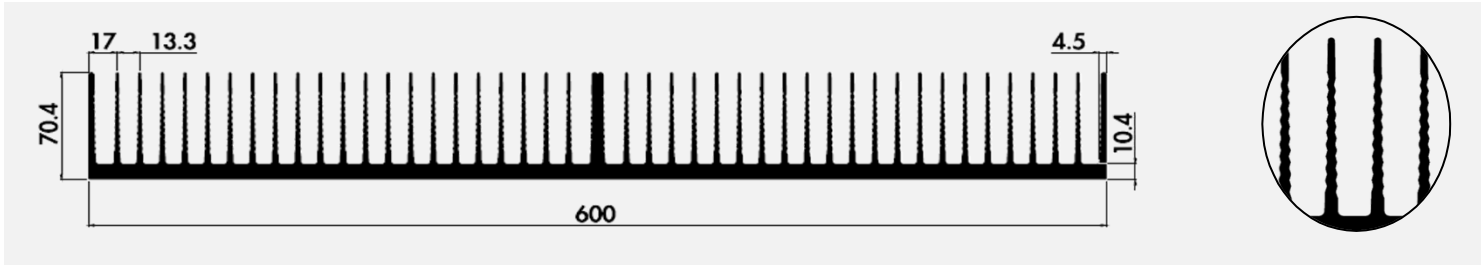
P: 31,6 kg/m

L: 600 mm

## SERIE W - suite

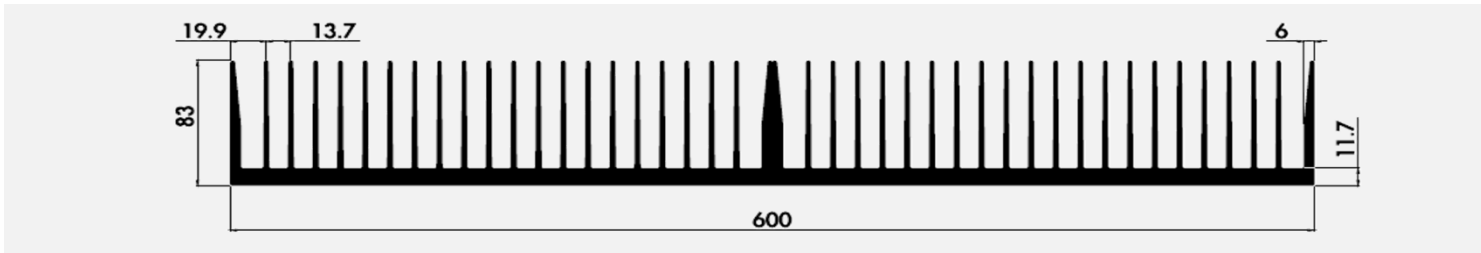
Soudé

STDW18.16



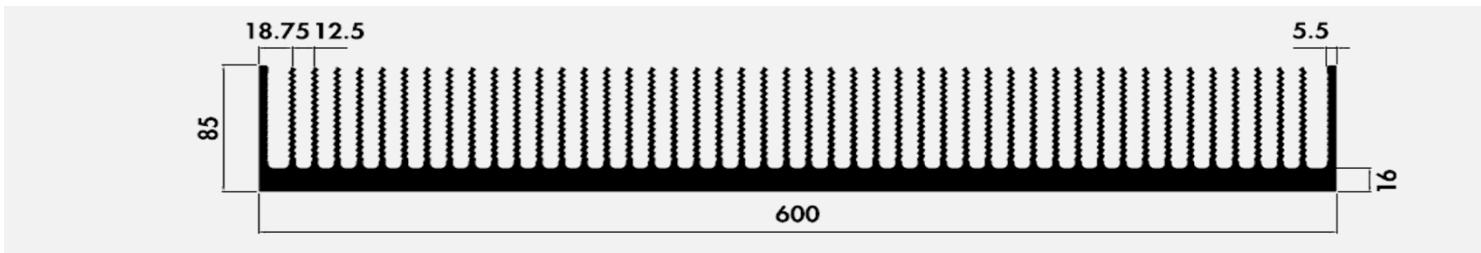
Rth N : 0,1 K/W      Rth F : 0,033 K/W      P: 37,53 kg/m      L: 600mm

STDW18.17



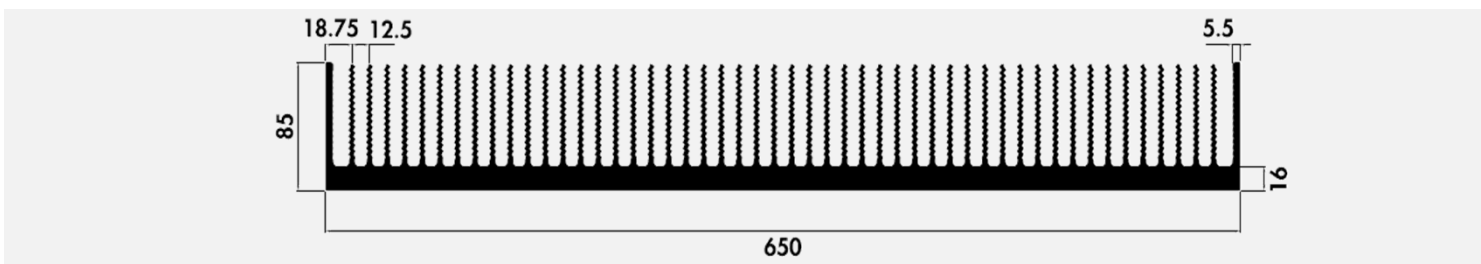
Rth N : 0,09K/W      Rth F : 0,031 K/W      P: 46,15 kg/m      L: 600mm

STDW18.29



Rth N : 0,07 K/W      Rth F : 0,025 K/W      P: 53,25 kg/m      L: 600 mm

STDW18.30

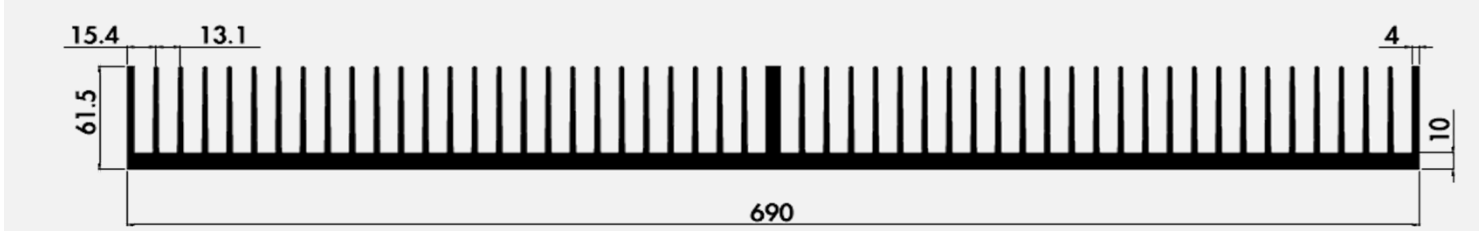


Rth N : 0,07 K/W      Rth F : 0,22 K/W      P: 57,63 kg/m      L: 650 mm

## SERIE W - suite

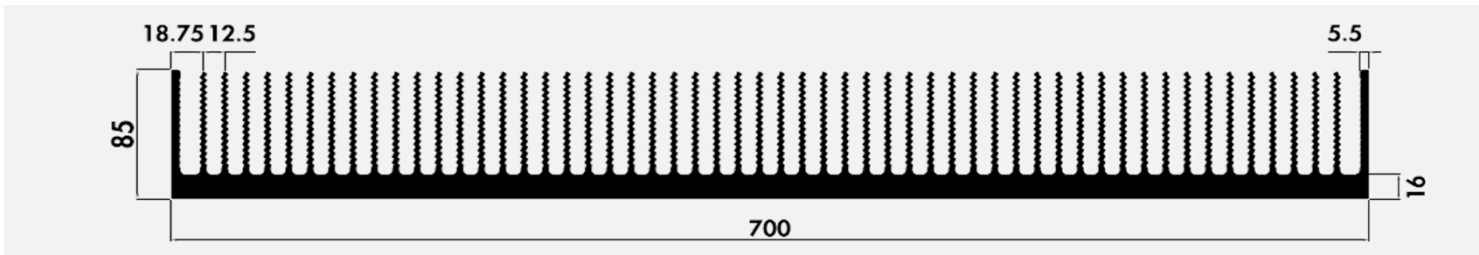
Soudé

STDW18.19



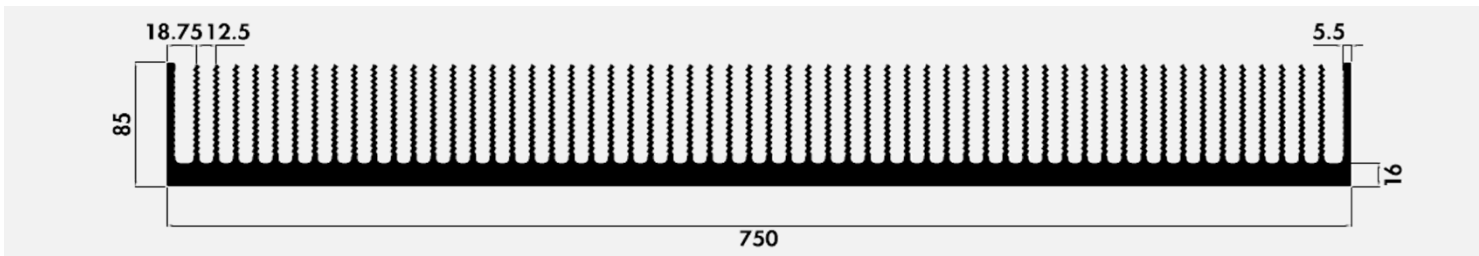
Rth N : 0,08 K/W      Rth F : 0,029 K/W      P: 40,15 kg/m      L: 700mm

STDW18.31



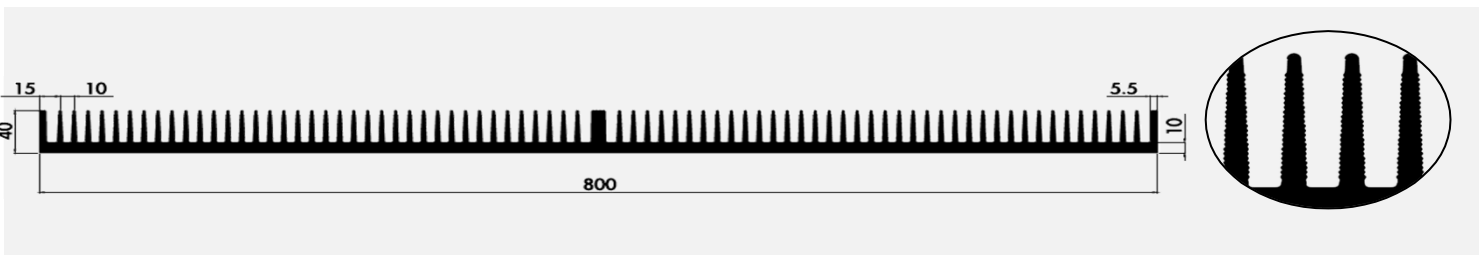
Rth N : 0,06 K/W      Rth F : 0,02 K/W      P: 62 kg/m      L: 700mm

STDW18.32



Rth N : 0,05 K/W      Rth F : 0,018 K/W      P: 66,37 kg/m      L: 750 mm

STDW18.20

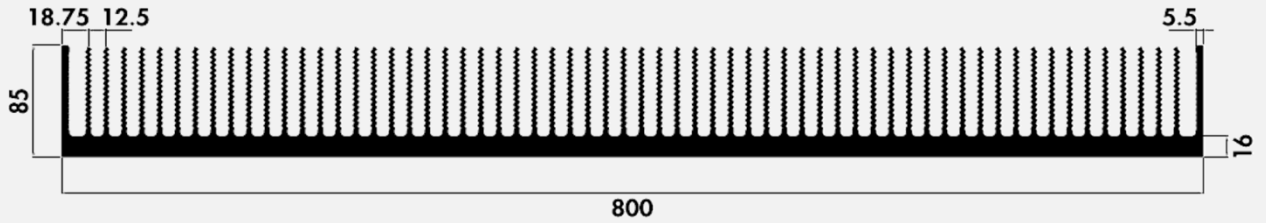


Rth N : 0,08 K/W      Rth F : 0,027 K/W      P: 42,87 kg/m      L: 800 mm

## SERIE W - suite

Soudé

**STDW18.21**



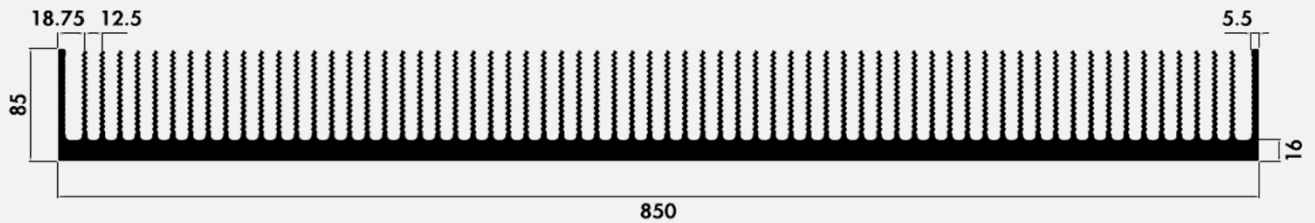
Rth N : 0,05 K/W

Rth F : 0,017 K/W

P: 70,75 kg/m

L: 800mm

**STDW18.22**



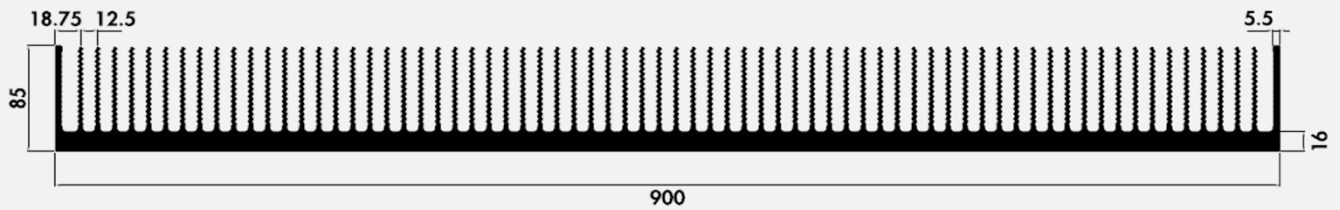
Rth N : 0,05 K/W

Rth F : 0,015 K/W

P: 75,12 kg/m

L: 850mm

**STDW18.23**



Rth N : 0,04 K/W

Rth F : 0,014 K/W

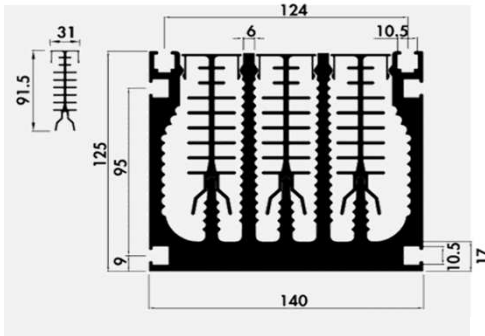
P: 79,49 kg/m

L: 900 mm

## SERIE PC

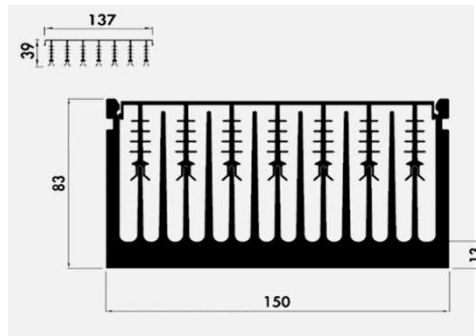
Extrudé

**STDPC18.01**



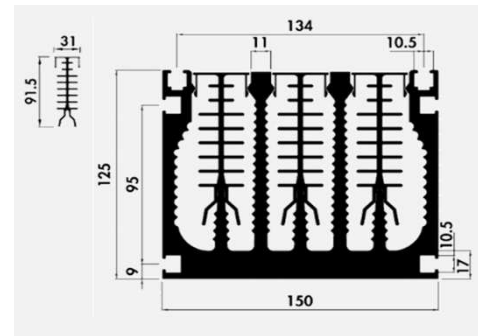
Rth N : 0,38 K/W                      L: 150mm  
 Rth F : 0,128 K/W                    P: 22,9 kg/m

**STDPC18.02**



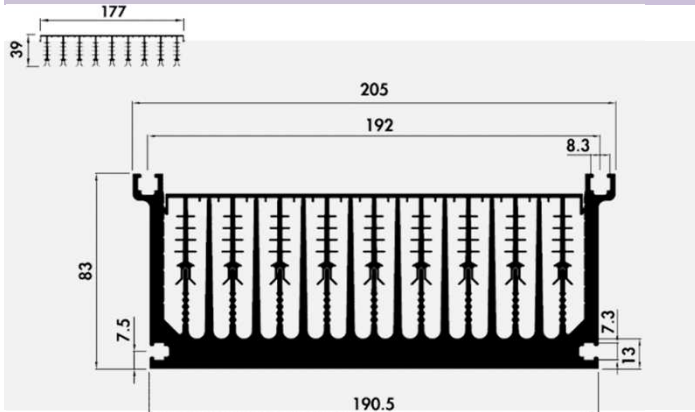
Rth N : 0,41 K/W                      L: 150mm  
 Rth F : 0,139 K/W                    P: 15,42 kg/m

**STDPC18.03**



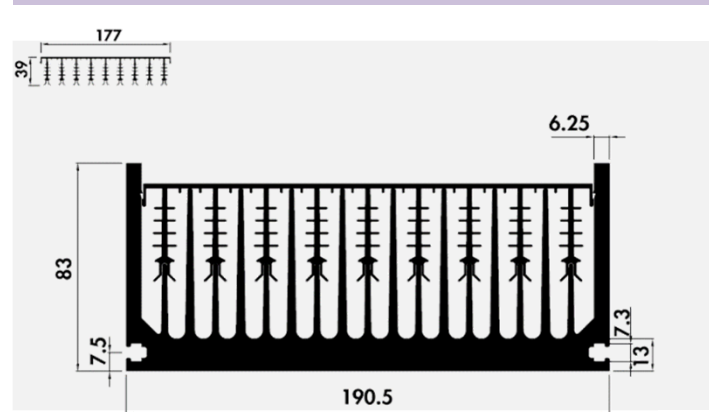
Rth N : 0,38 K/W                      L: 150mm  
 Rth F : 0,138 K/W                    P: 23,77 kg/m

**STDPC18.04**



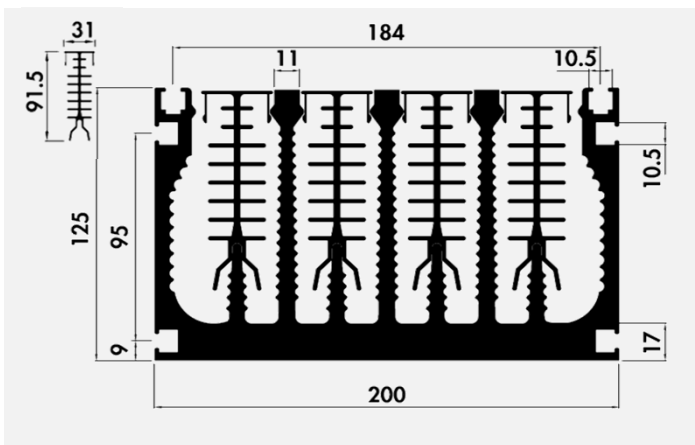
Rth N : 0,29 K/W                      L: 200mm  
 Rth F : 0,097 K/W                    P: 18,87 kg/m

**STDPC18.05**



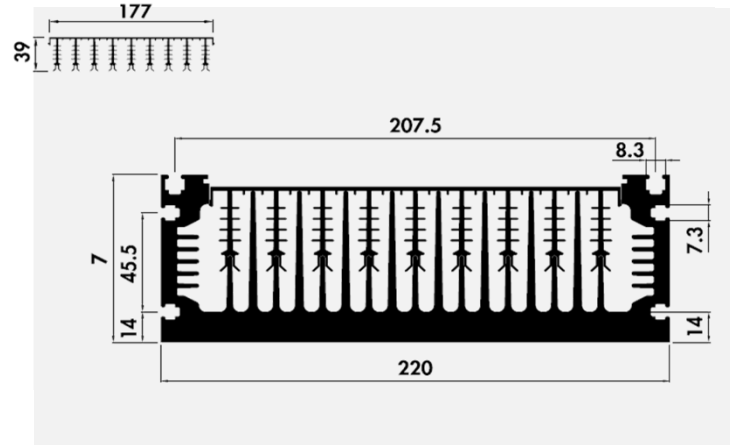
Rth N : 0,29 K/W                      L: 200mm  
 Rth F : 0,099 K/W                    P: 18,79 kg/m

**STDPC18.06**



Rth N : 0,26 K/W                      L: 200mm  
 Rth F : 0,088 K/W                    P: 30,8 kg/m

**STDPC18.07**

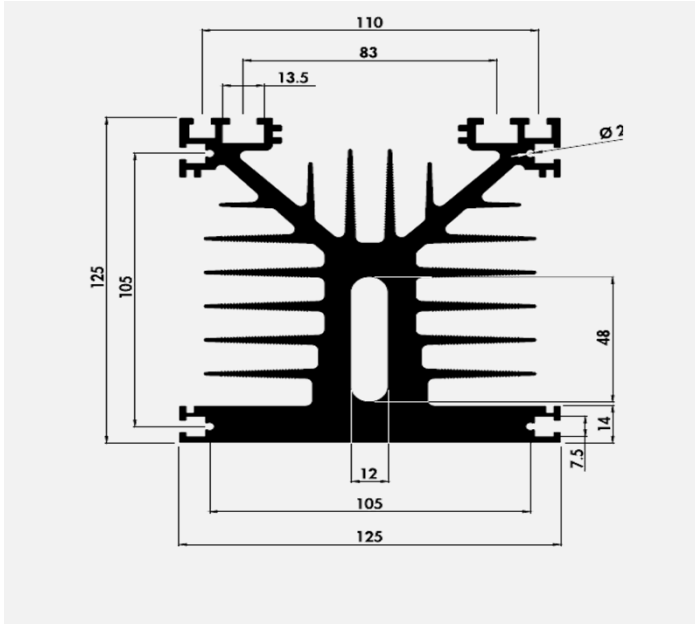


Rth N : 0,24 K/W                      L: 250mm  
 Rth F : 0,082 K/W                    P: 21,57 kg/m

## SERIE T

Extrudé

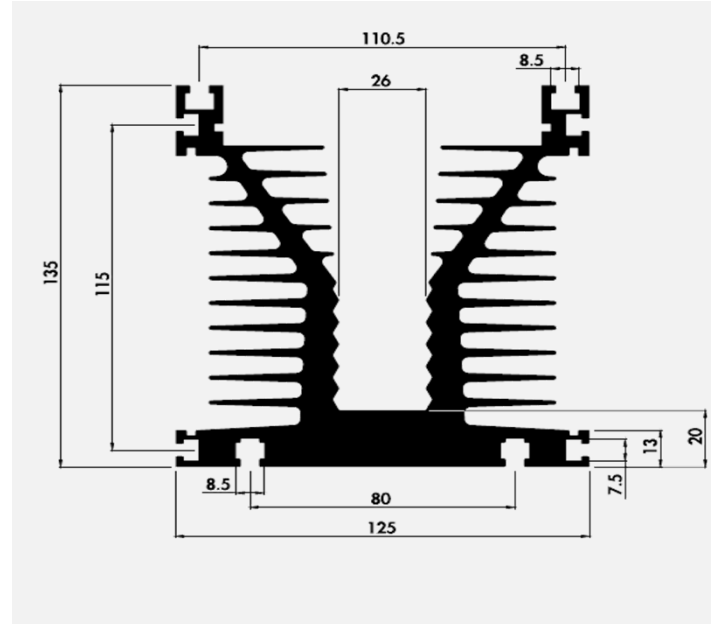
**STDT18.01**



Rth N : 0,51 K/W  
Rth F : 0,174 K/W

L: 150mm  
P: 15,53 kg/m

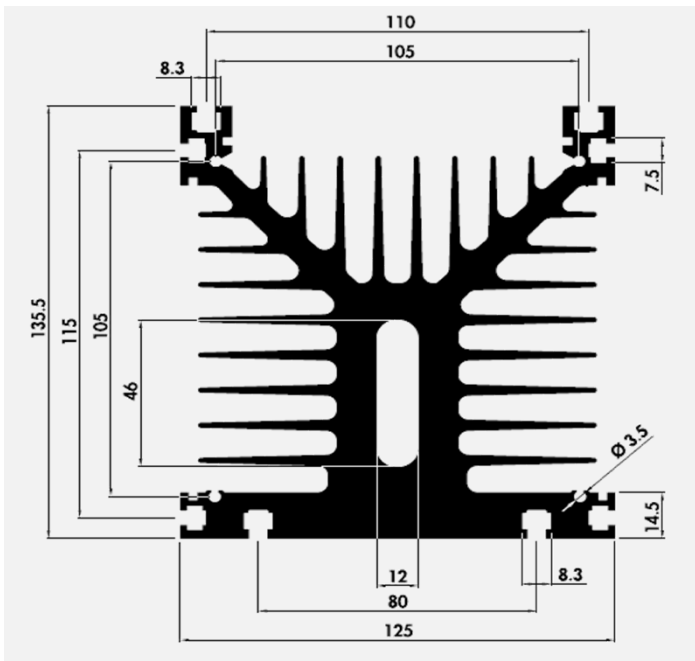
**STDT18.02**



Rth N : 0,54 K/W  
Rth F : 0,183 K/W

L: 150mm  
P: 14,45 kg/m

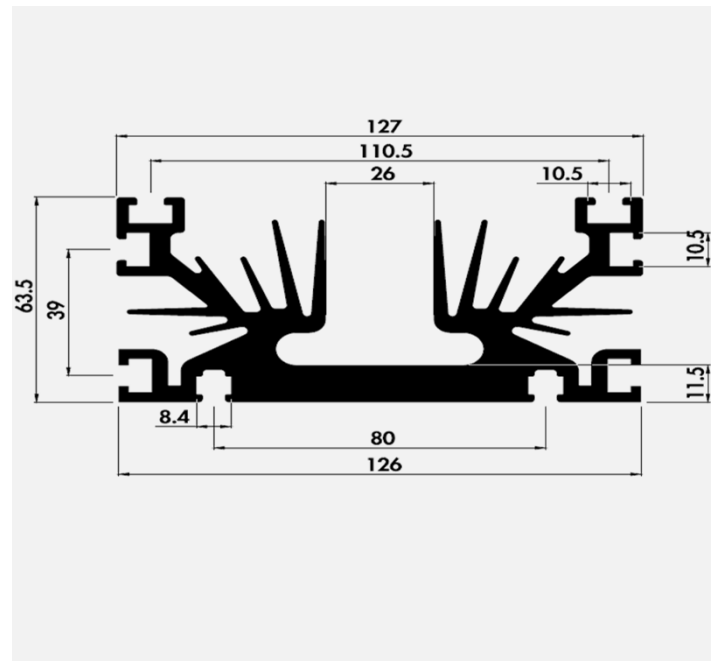
**STDT18.04**



Rth N : 0,5 K/W  
Rth F : 0,168 K/W

L: 150mm  
P: 17,61 kg/m

**STDT18.05**



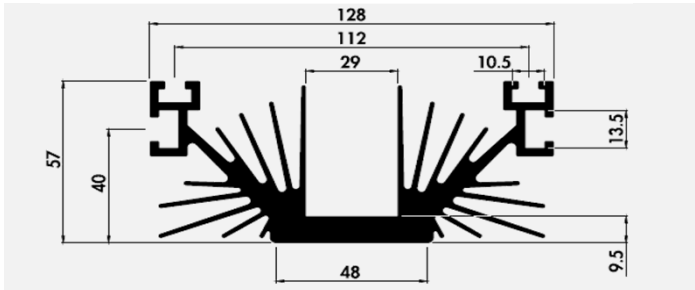
Rth N : 0,79 K/W  
Rth F : 0,267 K/W

L: 150mm  
P: 8,21 kg/m

## SERIE T - suite

Extrudé

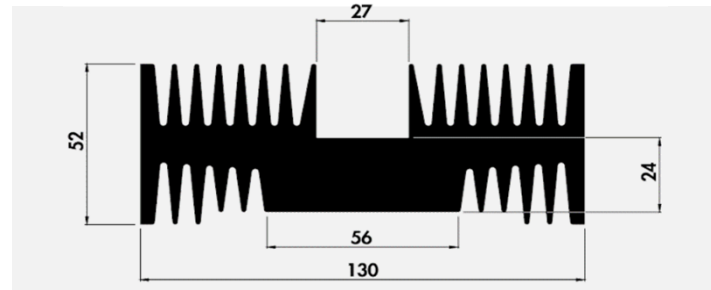
**STDT18.07**



Rth N : 0,76 K/W  
Rth F : 0,257 K/W

L: 150mm  
P: 5,95 kg/m

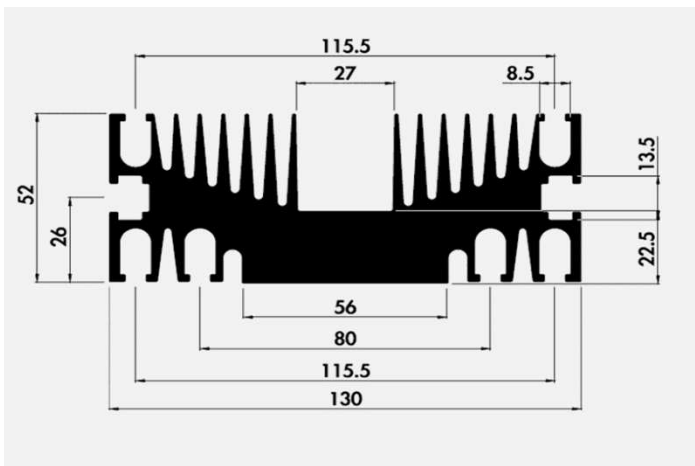
**STDT18.08**



Rth N : 0,81 K/W  
Rth F : 0,274 K/W

L: 150mm  
P: 11,18 kg/m

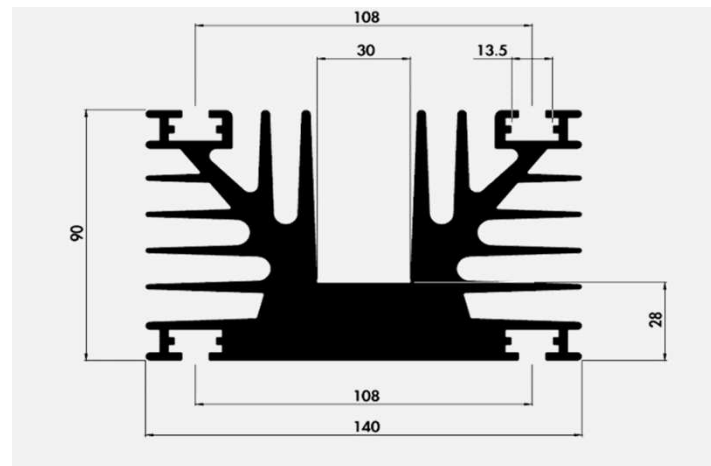
**STDT18.09**



Rth N : 0,77 K/W  
Rth F : 0,261 K/W

L: 150mm  
P: 10,03 kg/m

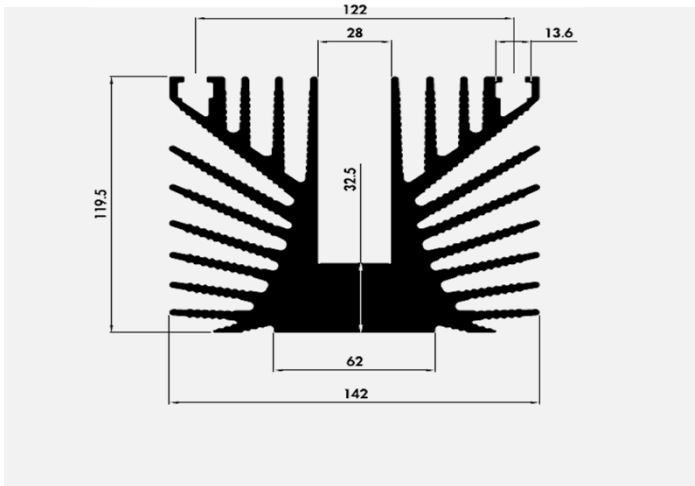
**STDT18.10**



Rth N : 0,66 K/W  
Rth F : 0,223 K/W

L: 150mm  
P: 15,23 kg/m

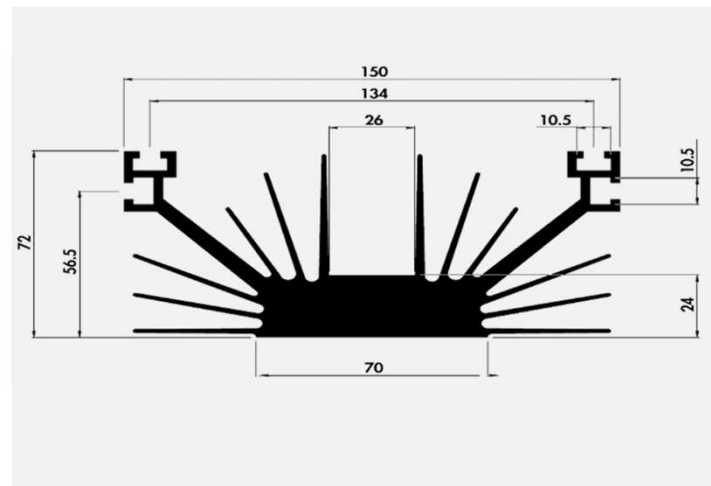
**STDT18.21**



Rth N : 0,51 K/W  
Rth F : 0,174 K/W

L: 150mm  
P: 19,5 kg/m

**STDT18.11**



Rth N : 0,69 K/W  
Rth F : 0,233 K/W

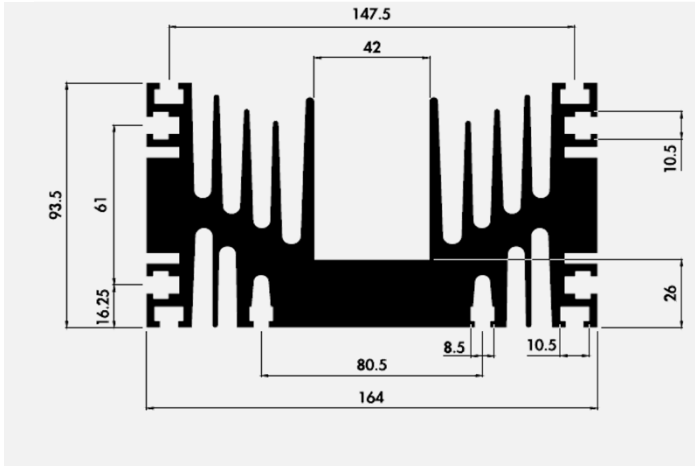
L: 150mm  
P: 8,93 kg/m



## SERIE T - suite

Extrudé

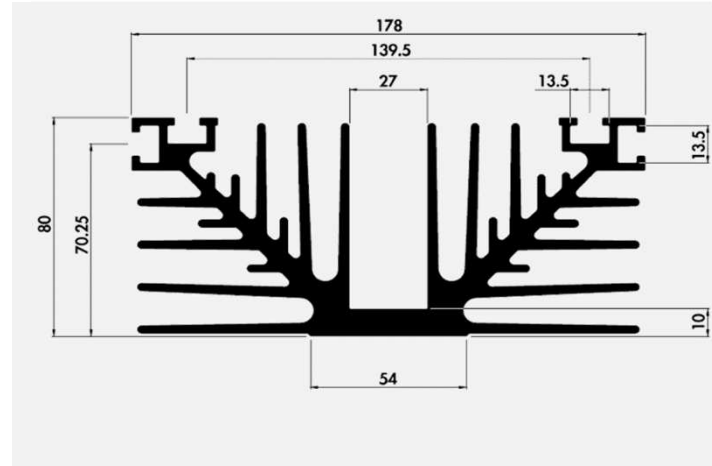
**STDT18.12**



Rth N : 0,47 K/W  
Rth F : 0,159 K/W

L: 200mm  
P: 19 kg/m

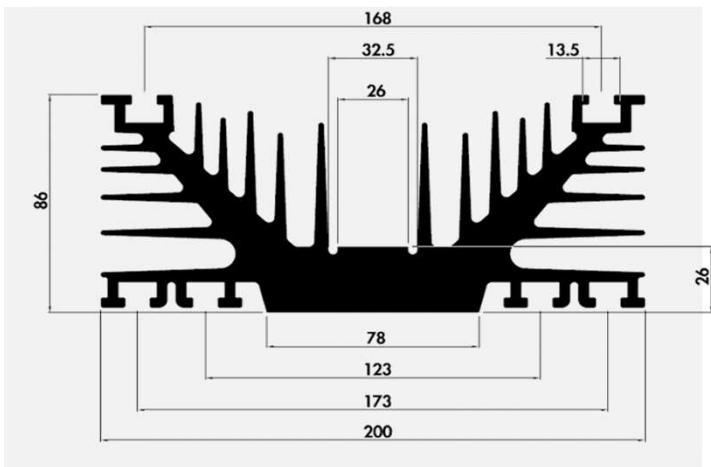
**STDT18.13**



Rth N : 0,45 K/W  
Rth F : 0,154 K/W

L: 200mm  
P: 12,78 kg/m

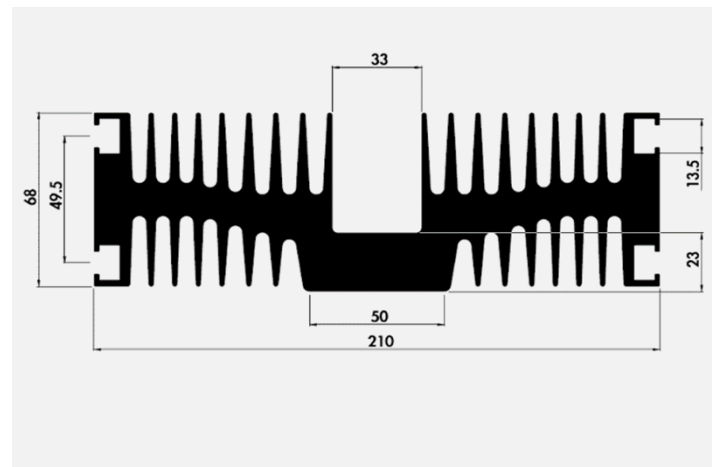
**STDT18.14**



Rth N : 0,45 K/W  
Rth F : 0,152 K/W

L: 200mm  
P: 19,17 kg/m

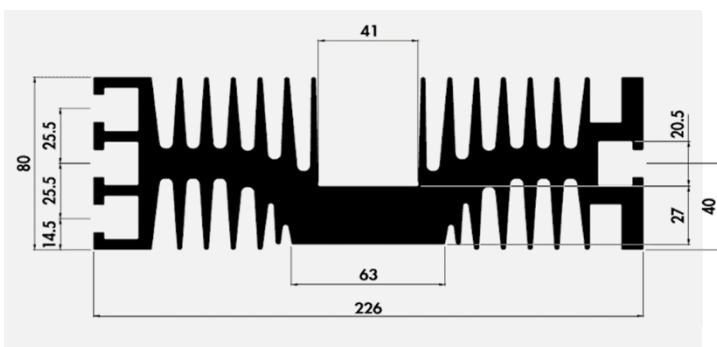
**STDT18.15**



Rth N : 0,43 K/W  
Rth F : 0,146 K/W

L: 200mm  
P: 19,99 kg/m

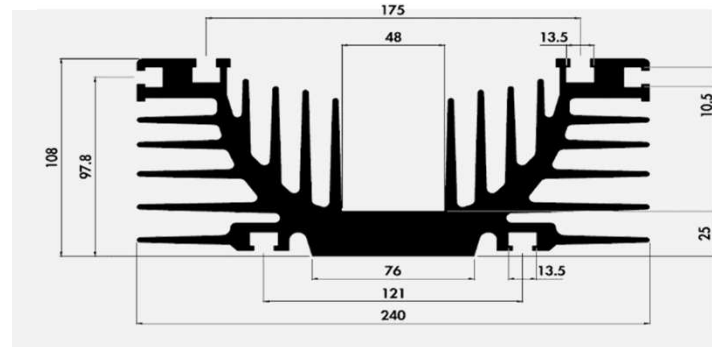
**STDT18.16**



Rth N : 0,36 K/W  
Rth F : 0,122 K/W

L: 250mm  
P: 23,74 kg/m

**STDT18.17**



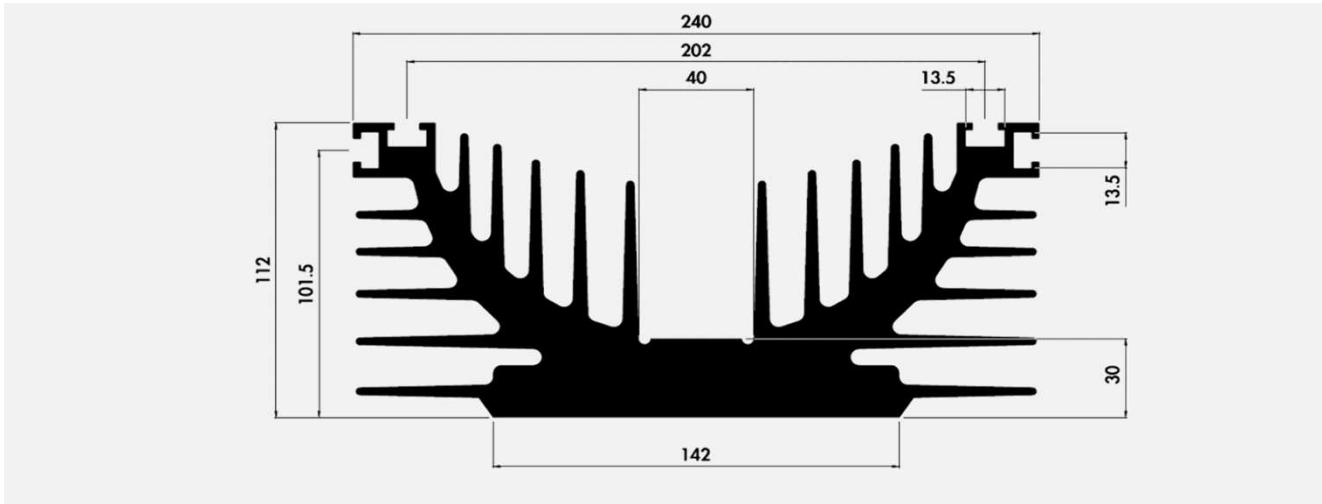
Rth N : 0,33 K/W  
Rth F : 0,112 K/W

L: 250mm  
P: 26,1 kg/m

## SERIE T - suite

Extrudé

STDT18.18



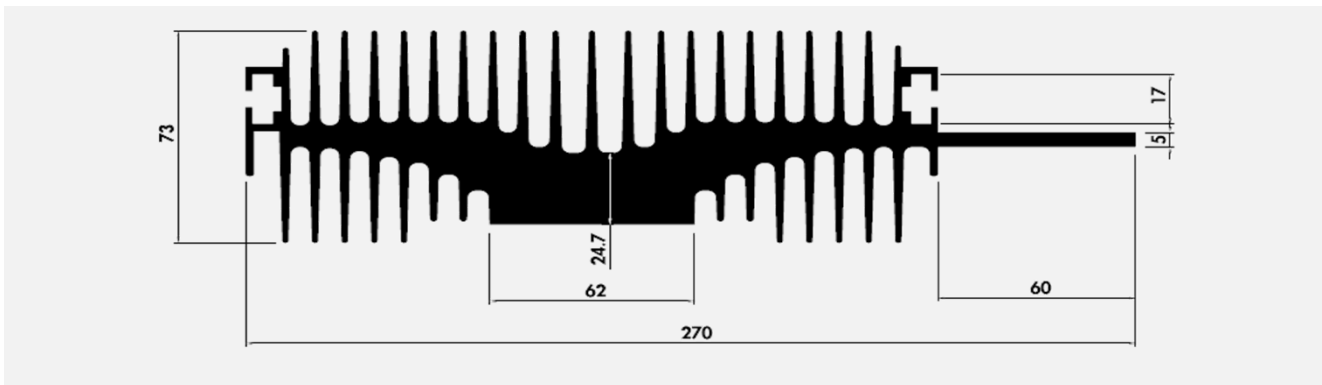
Rth N : 0,35 K/W

Rth F : 0,117 K/W

P: 29,72 kg/m

L: 250mm

STDT18.19



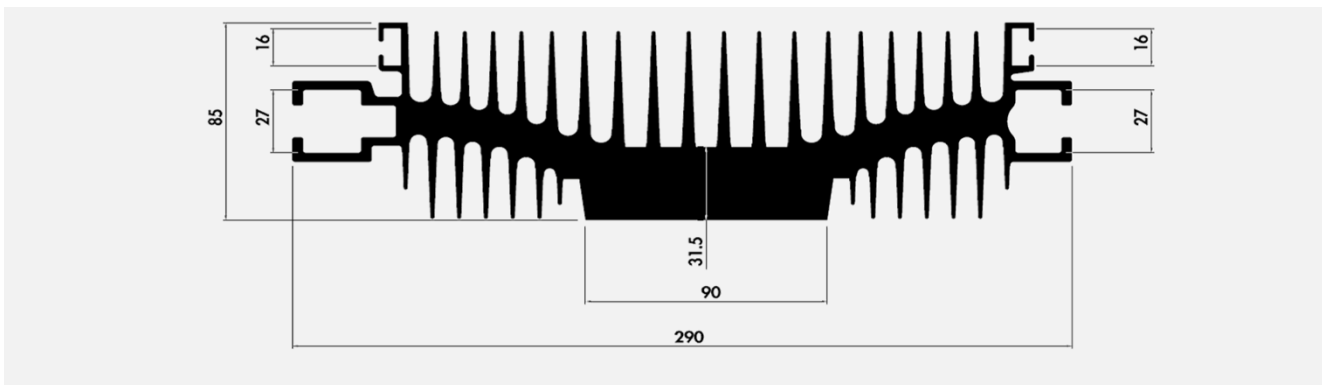
Rth N : 0,29 K/W

Rth F : 0,097 K/W

P: 18,74 kg/m

L: 300mm

STDT18.20



Rth N : 0,25 K/W

Rth F : 0,084 K/W

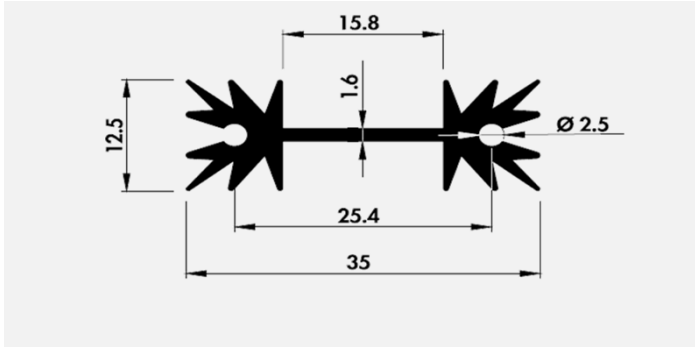
P: 25,4 kg/m

L: 300mm

## SERIE H

Extrudé

**STDH18.02**



Rth N : 6,2 K/W  
Rth F : 2,095 K/W

L: 50mm  
P: 0,434 kg/m

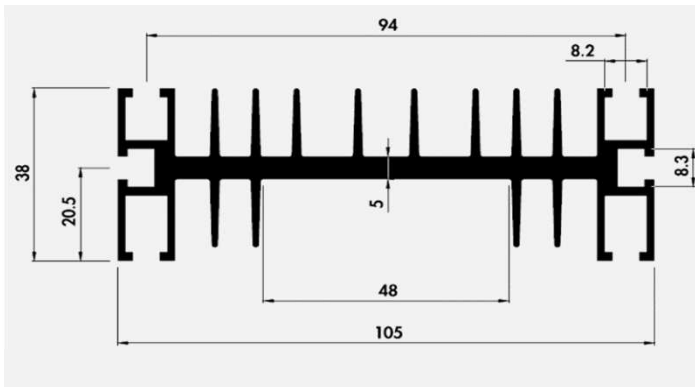
**STDH18.09**



Rth N : 1,85 K/W  
Rth F : 0,625 K/W

L: 100mm  
P: 1,86 kg/m

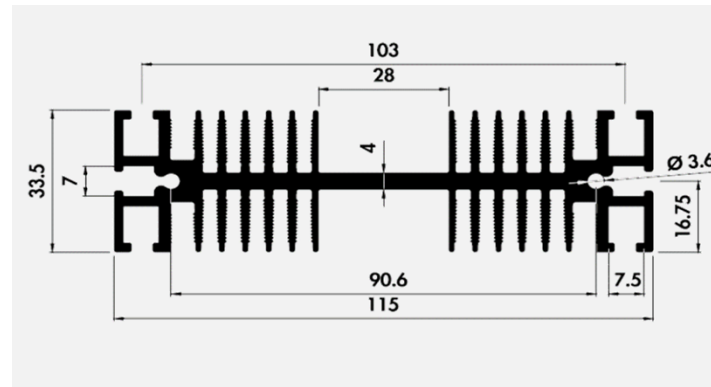
**STDH18.10**



Rth N : 1,35 K/W  
Rth F : 0,457 K/W

L: 100mm  
P: 2,83 kg/m

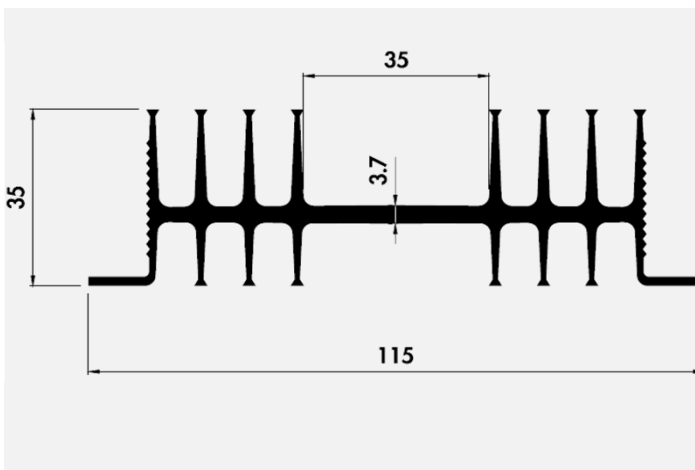
**STDH18.11**



Rth N : 0,98 K/W  
Rth F : 0,332 K/W

L: 100mm  
P: 3,83 kg/m

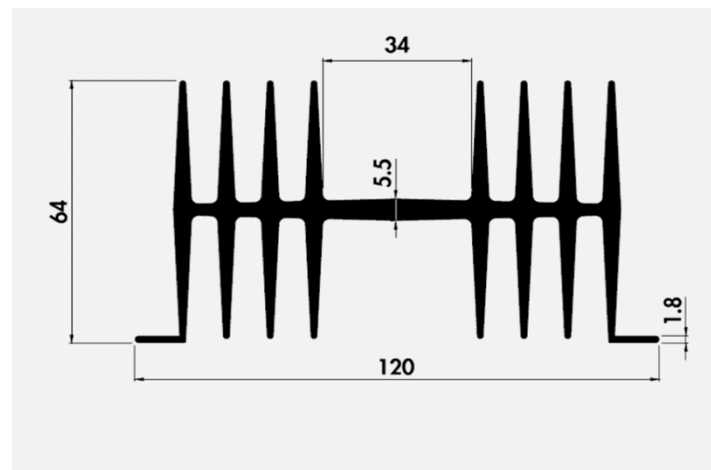
**STDH18.12**



Rth N : 1,5 K/W  
Rth F : 0,507 K/W

L: 100mm  
P: 2,15 kg/m

**STDH18.13**



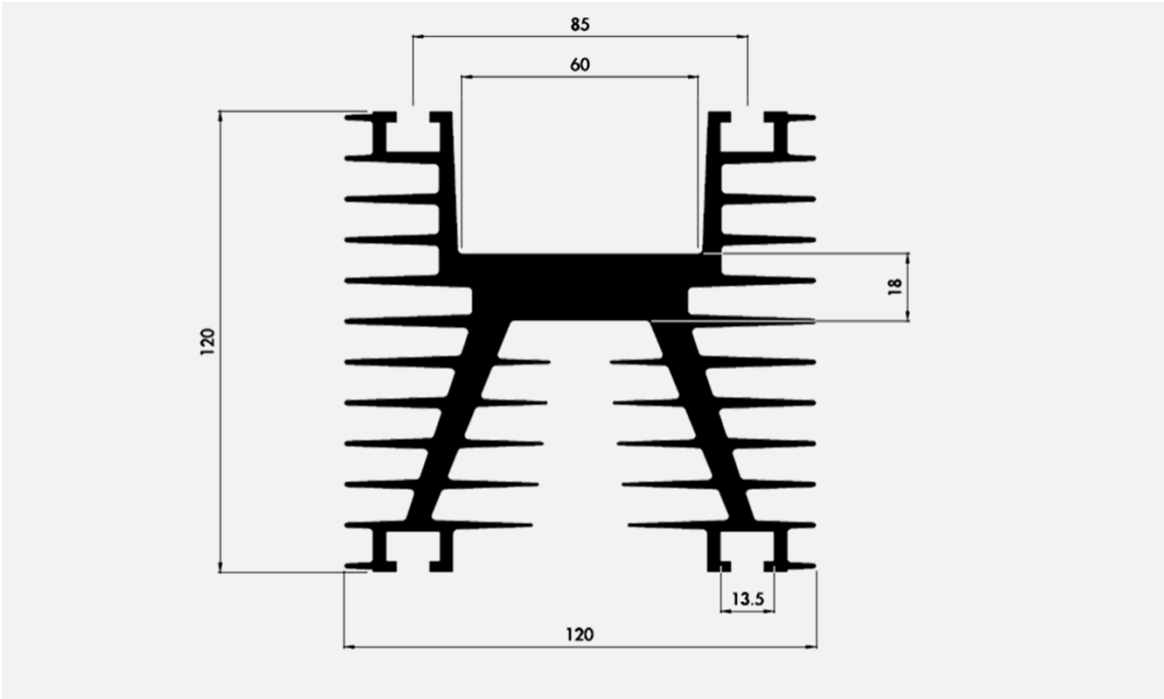
Rth N : 1,12 K/W  
Rth F : 0,377 K/W

L: 100mm  
P: 4,97 kg/m

## SERIE H - suite

Extrudé

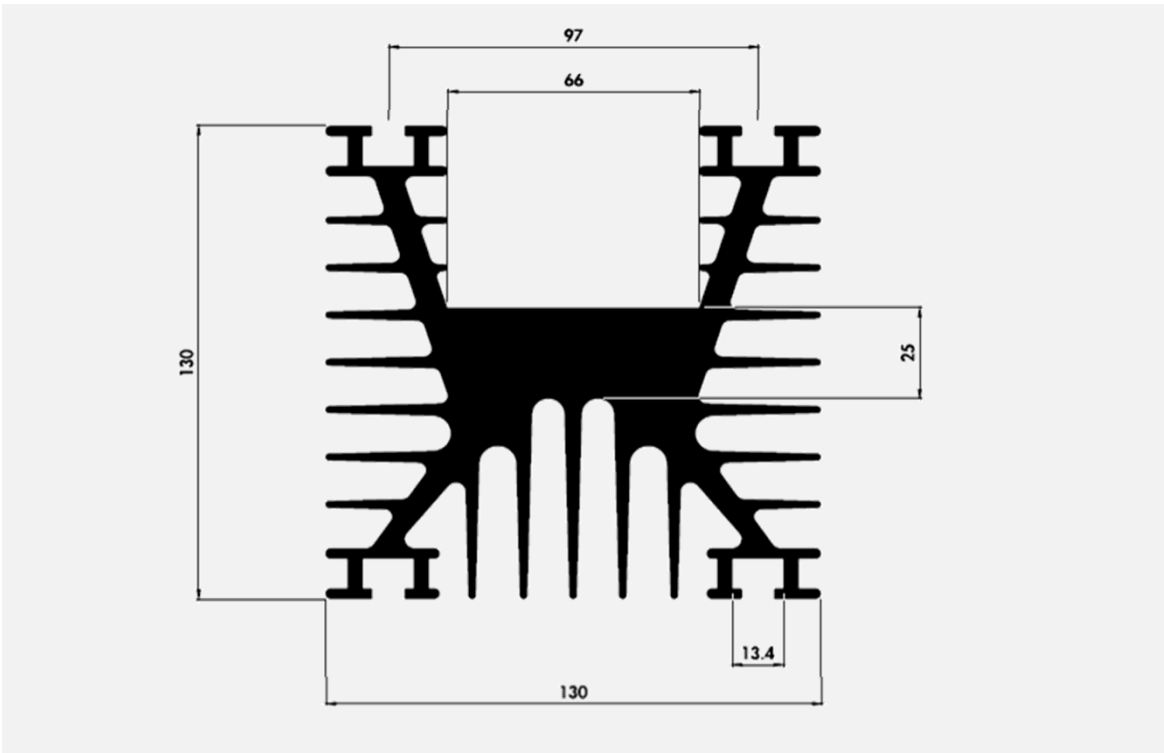
### STDH18.14



Rth N : 0,74 K/W  
Rth F : 0,251 K/W

L: 100mm  
P: 11,19 kg/m

### STDH18.15



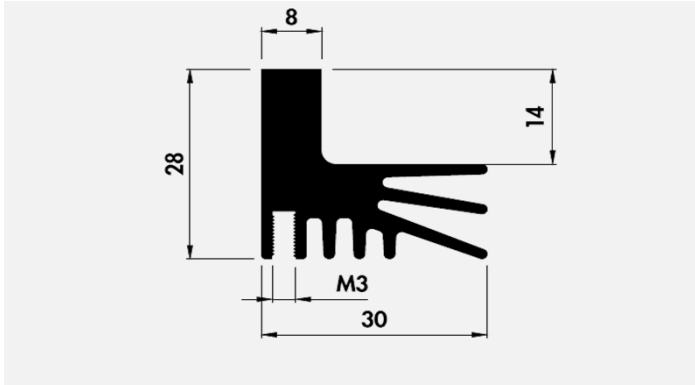
Rth N : 0,74 K/W  
Rth F : 0,25 K/W

L: 100mm  
P: 16,26 kg/m

## SERIE L

Extrudé

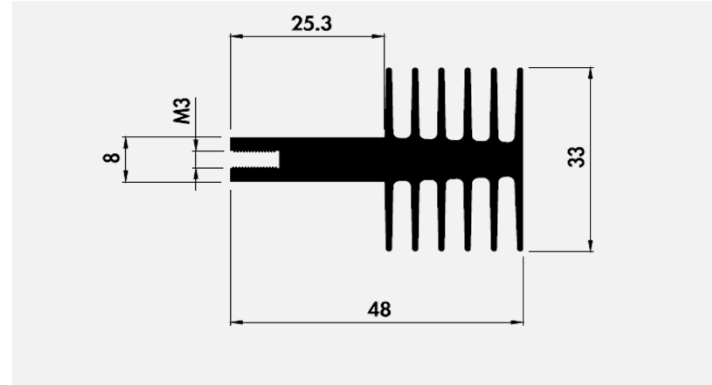
**STD18.01**



Rth N : 5,64 K/W  
Rth F : 1,906 K/W

L: 50mm  
P: 0,983 kg/m

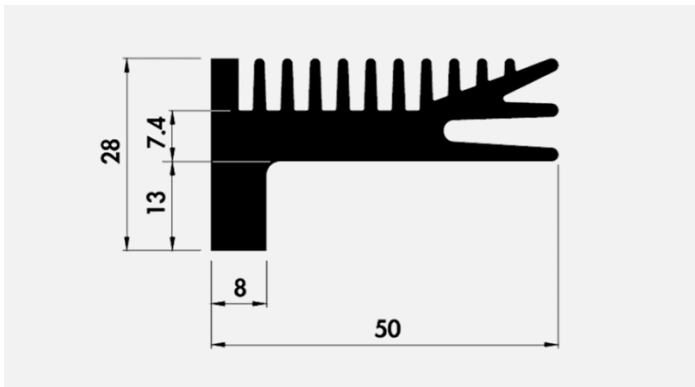
**STD18.02**



Rth N : 3,54 K/W  
Rth F : 1,195 K/W

L: 50mm  
P: 1,45 kg/m

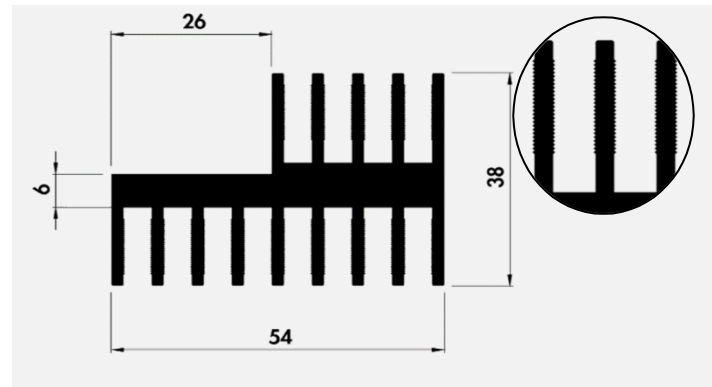
**STD18.03**



Rth N : 4,33 K/W  
Rth F : 1,464 K/W

L: 50mm  
P: 1,65 kg/m

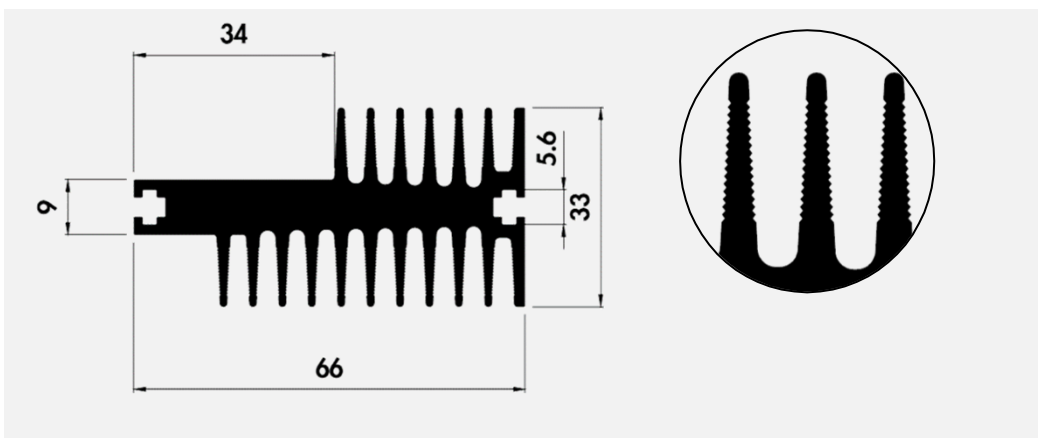
**STD18.04**



Rth N : 2,7 K/W  
Rth F : 0,911 K/W

L: 50mm  
P: 2,2 kg/m

**STD18.05**



Rth N : 1,63 K/W

Rth F : 0,551 K/W

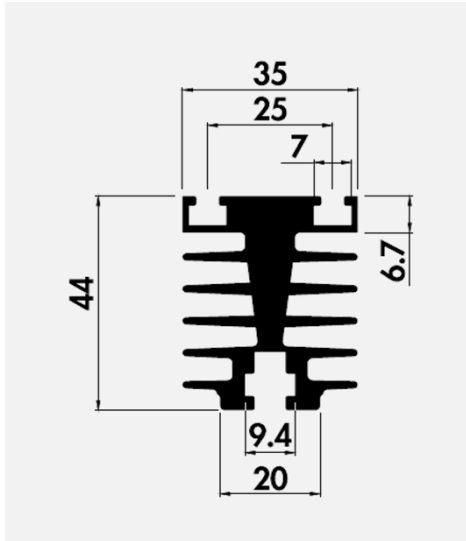
P: 2,43 kg/m

L: 100mm

## SERIE E

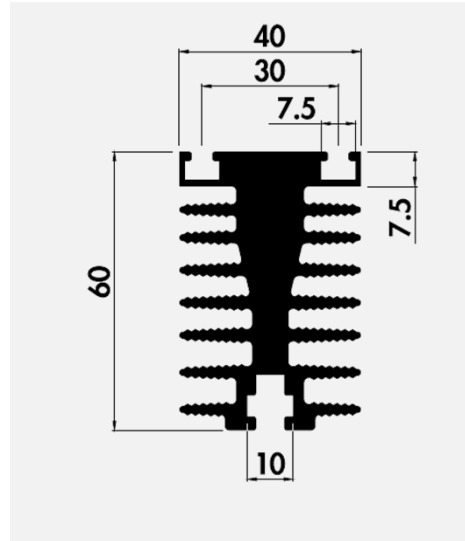
Extrudé

STDE18.01



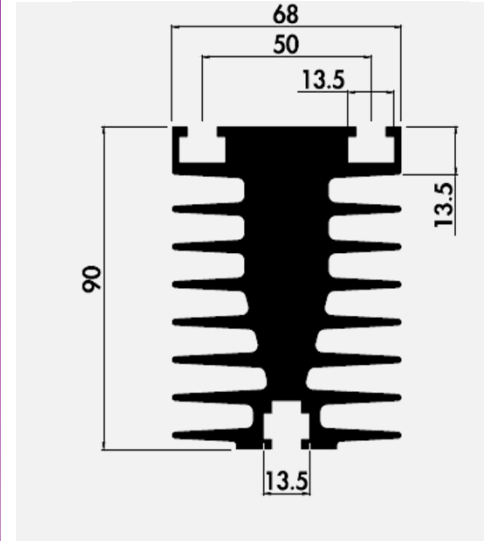
Rth N : 3,38 K/W      L: 50mm  
Rth F : 1,143 K/W      P: 2 kg/m

STDE18.02



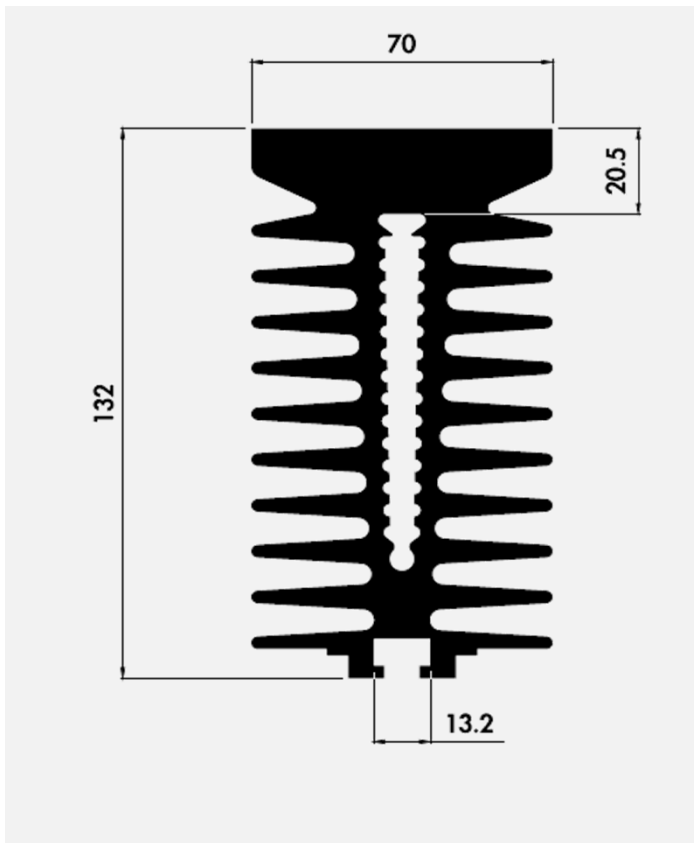
Rth N : 2,59 K/W      L: 50mm  
Rth F : 0,874 K/W      P: 3,41 kg/m

STDE18.03



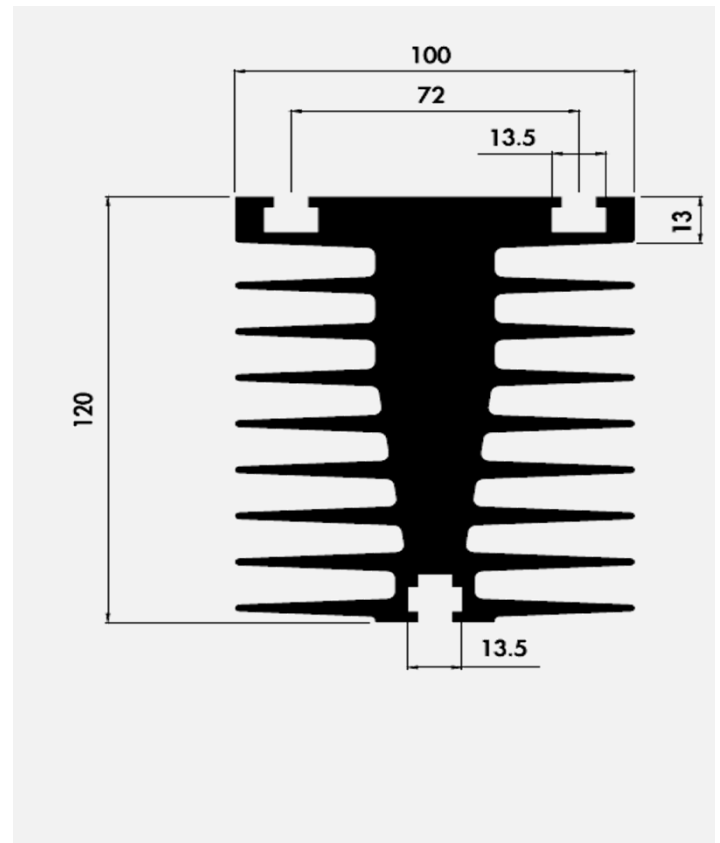
Rth N : 1,22 K/W      L: 100mm  
Rth F : 0,411 K/W      P: 8,66 kg/m

STDE18.04



Rth N : 0,9 K/W      L: 100mm  
Rth F : 0,305 K/W      P: 13,32 kg/m

STDE18.05

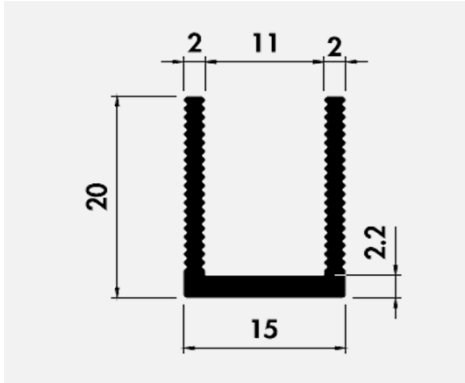


Rth N : 0,86 K/W      L: 100mm  
Rth F : 0,291 K/W      P: 15,64 kg/m

## SERIE U

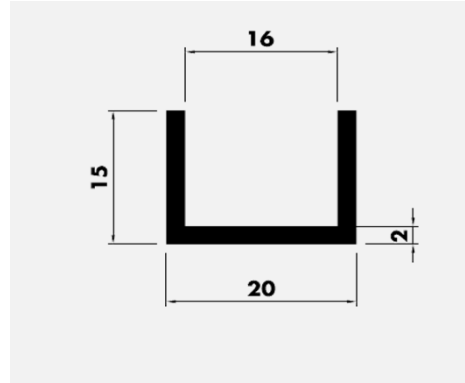
Extrudé

**STDU18.01**



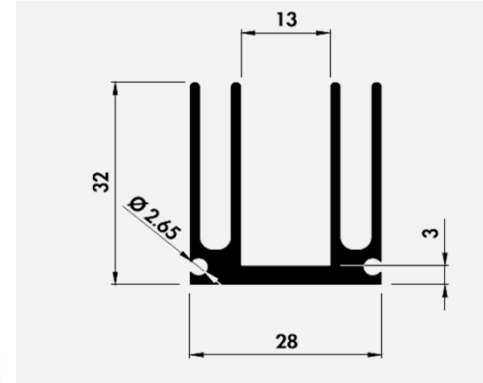
Rth N : 8,37 K/W      L: 50mm  
Rth F : 2,828 K/W      P: 0,256 kg/m

**STDU18.23**



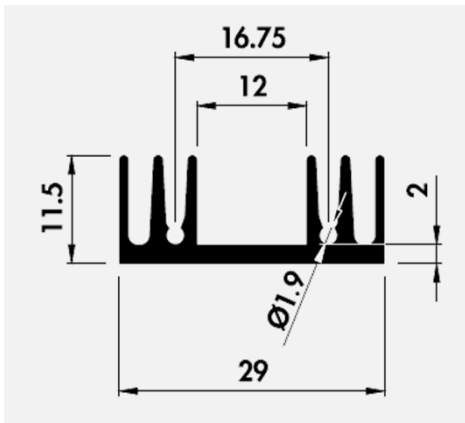
Rth N : 9,9 K/W      L: 50mm  
Rth F : 3,347 K/W      P: 0,249 kg/m

**STDU18.02**



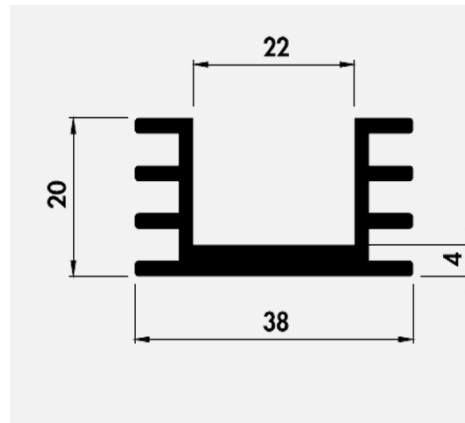
Rth N : 4,63 K/W      L: 50mm  
Rth F : 1,564 K/W      P: 0,734 kg/m

**STDU18.03**



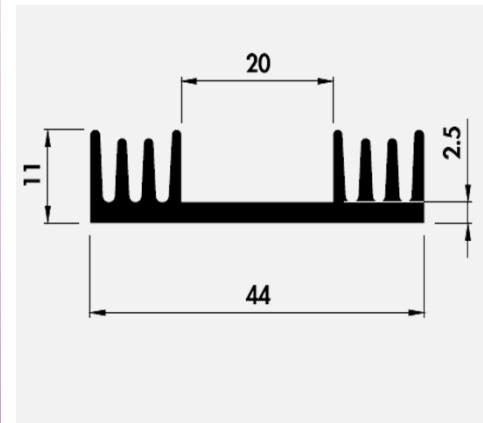
Rth N : 6,73 K/W      L: 50mm  
Rth F : 2,273 K/W      P: 0,354 kg/m

**STDU18.05**



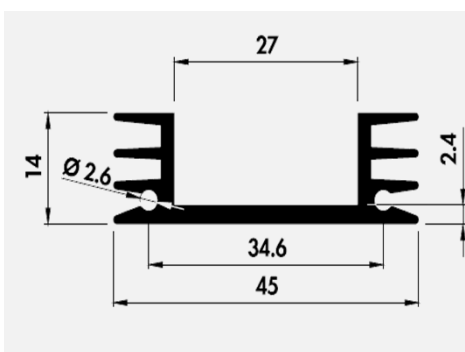
Rth N : 5,65 K/W      L: 50mm  
Rth F : 1,909 K/W      P: 0,71 kg/m

**STDU18.06**



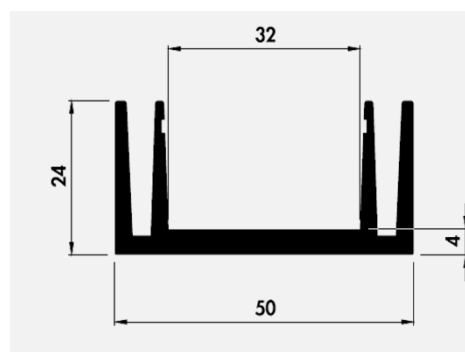
Rth N : 5,79 K/W      L: 50mm  
Rth F : 1,956 K/W      P: 0,563 kg/m

**STDU18.07**



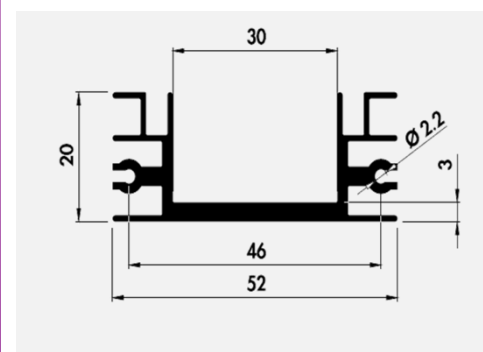
Rth N : 5,69 K/W      L: 50mm  
Rth F : 1,921 K/W      P: 0,55 kg/m

**STDU18.08**



Rth N : 4,88 K/W      L: 50mm  
Rth F : 1,65 K/W      P: 1,03 kg/m

**STDU18.09**

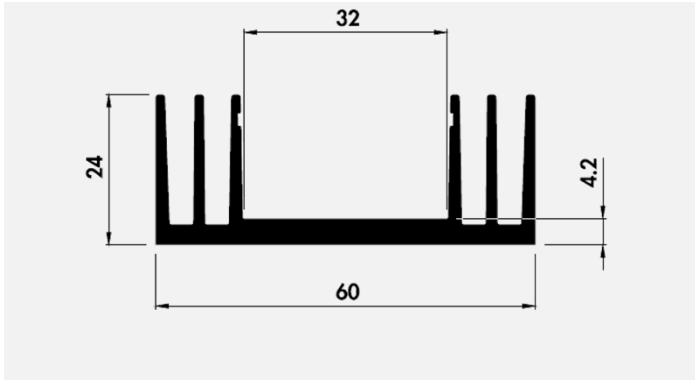


Rth N : 4,4 K/W      L: 50mm  
Rth F : 1,485 K/W      P: 0,733 kg/m

## SERIE U - suite

Extrudé

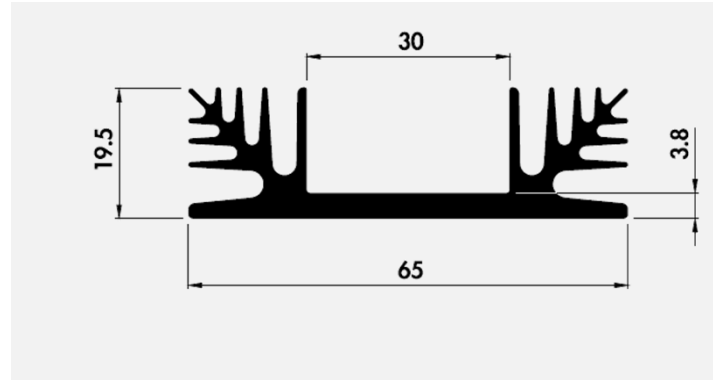
**STDU18.10**



Rth N : 3,92 K/W  
Rth F : 1,324 K/W

L: 50mm  
P: 1,22 kg/m

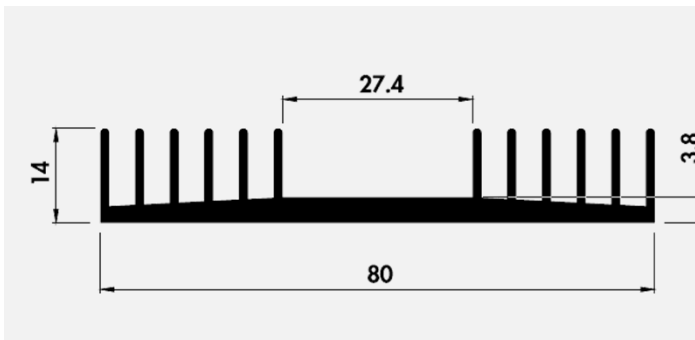
**STDU18.12**



Rth N : 3,82 K/W  
Rth F : 1,29 K/W

L: 50mm  
P: 1,25 kg/m

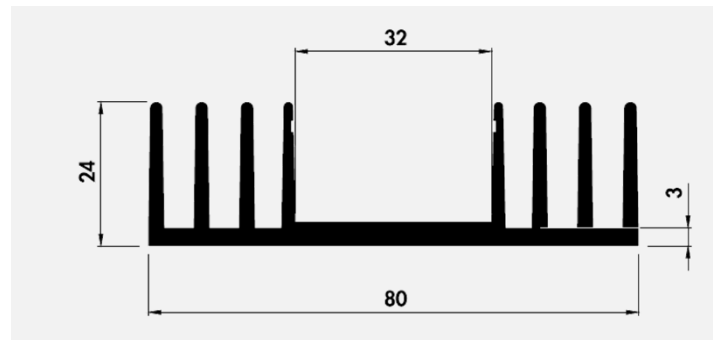
**STDU18.13**



Rth N : 3,58 K/W  
Rth F : 1,21 K/W

L: 50mm  
P: 1,18 kg/m

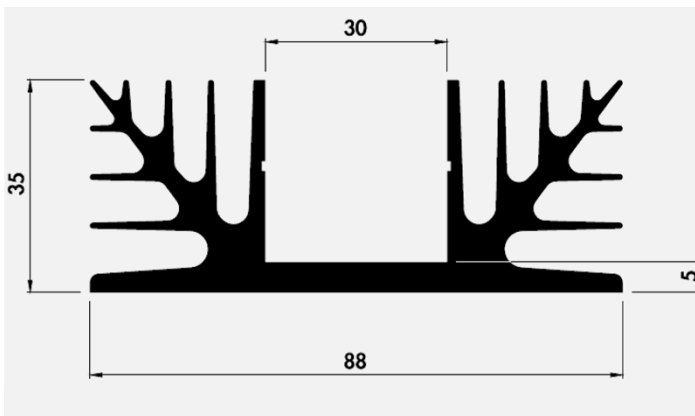
**STDU18.14**



Rth N : 3,22 K/W  
Rth F : 1,086 K/W

L: 50mm  
P: 1,72 kg/m

**STDU18.16**



Rth N : 2,65 K/W  
Rth F : 0,894 K/W

L: 50mm  
P: 2,8 kg/m

**STDU18.18**



Rth N : 1,97 K/W  
Rth F : 0,664 K/W

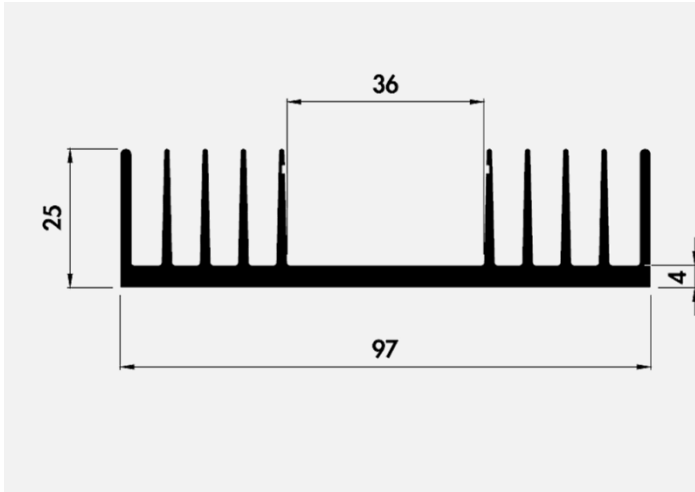
L: 100mm  
P: 1,64 kg/m



## SERIE U - suite

Extrudé

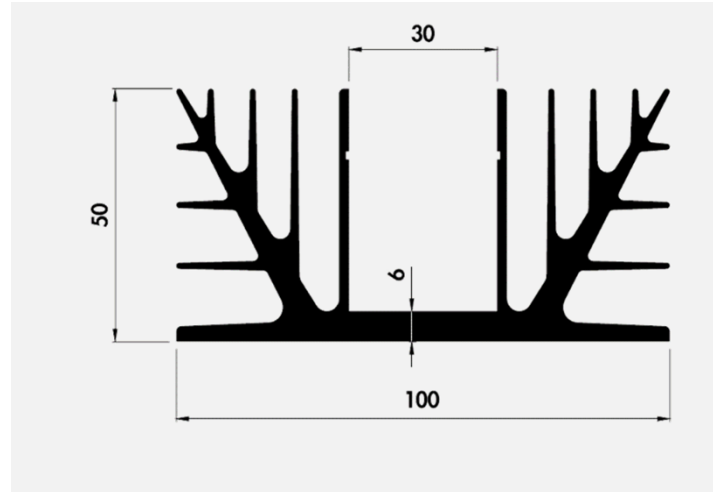
STDU18.19



Rth N : 1,72 K/W  
Rth F : 0,58 K/W

L: 100mm  
P: 1,95 kg/m

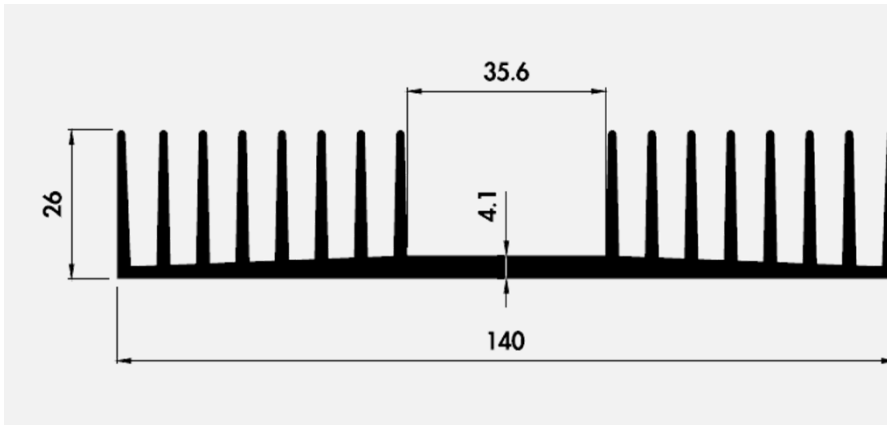
STDU18.20



Rth N : 1,3 K/W  
Rth F : 0,44 K/W

L: 100mm  
P: 4,9 kg/m

STDU18.22



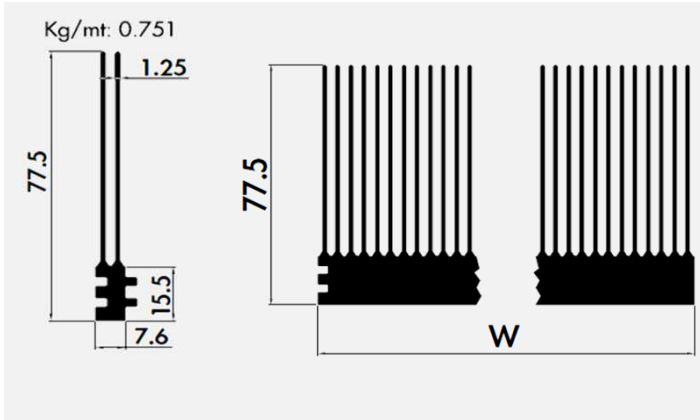
Rth N : 1,23 K/W  
Rth F : 0,414 K/W

L: 100mm  
P: 3,26 kg/m

## SERIE PA

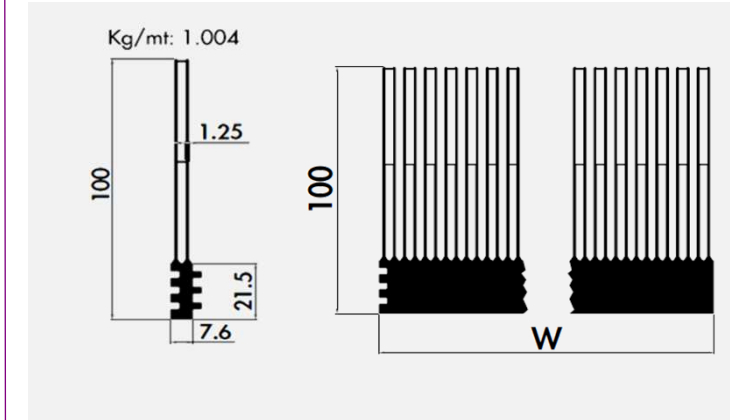
Haute performance

### STDPA18.14



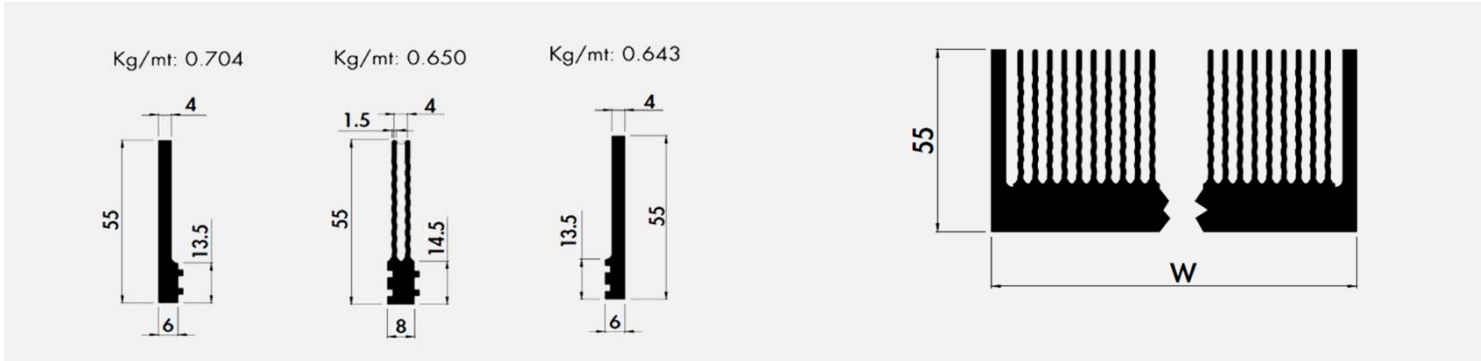
Rth N : 0,37 K/W  
Rth F : 0,123 K/W  
L: 1500mm  
W : 98,8 mm

### STDPA18.15



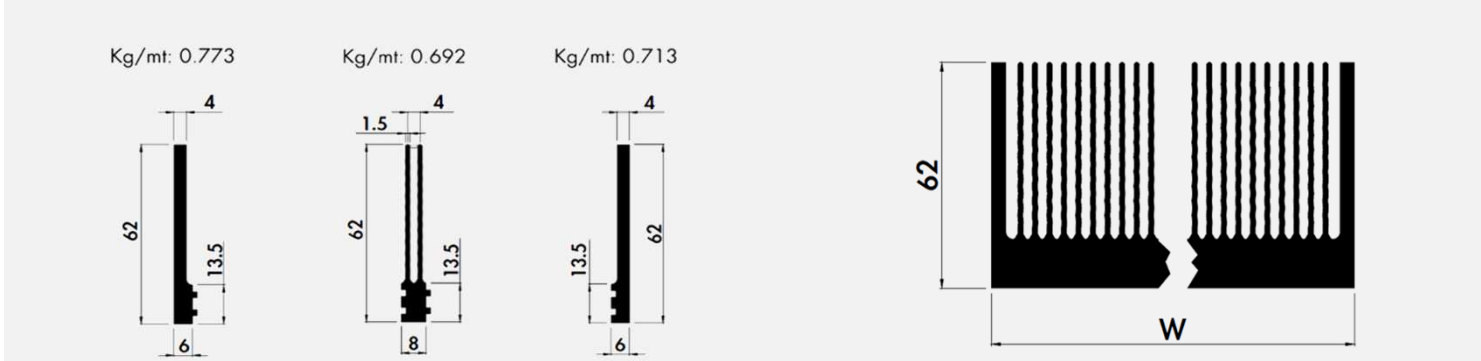
Rth N : 0,31 K/W  
Rth F : 0,104 K/W  
L: 150mm  
W : 98,8 mm

### STDPA18.02



Rth N : 0,48 K/W  
Rth F : 0,163 K/W  
L: 150mm  
W : 100 mm

### STDPA18.03

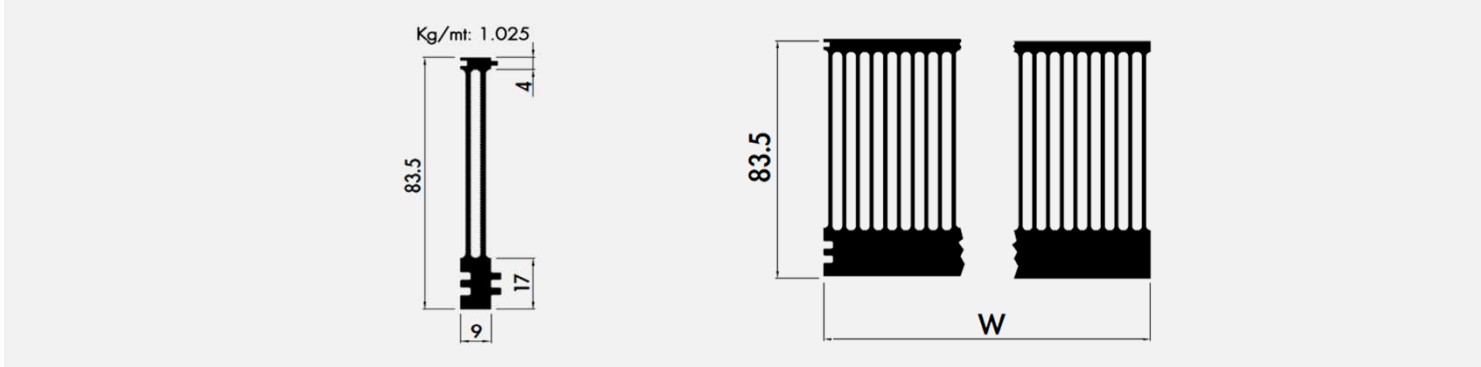


Rth N : 0,43 K/W  
Rth F : 0,146 K/W  
L: 150mm  
W : 100 mm

## SERIE PA - suite

Haute performance

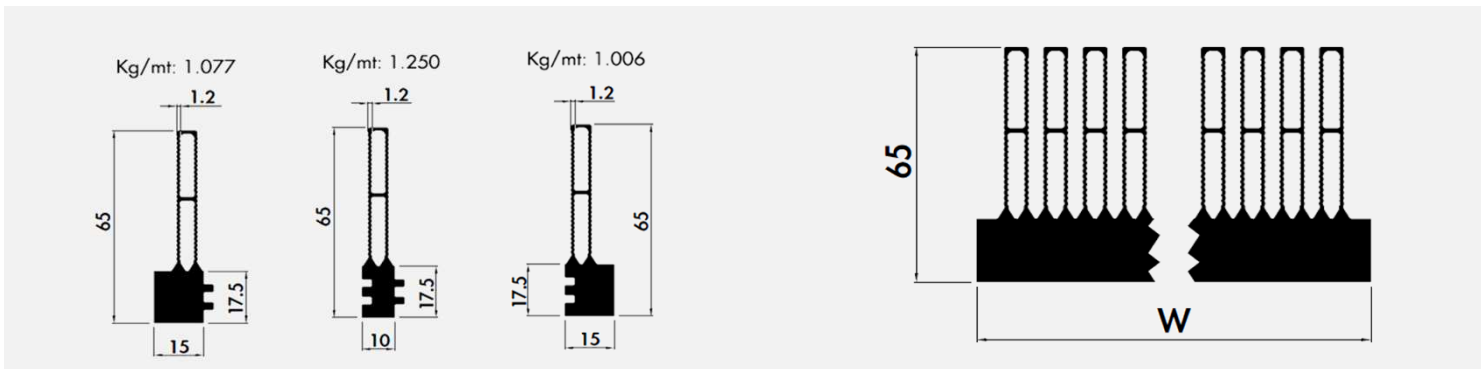
### STDPA18.16



Rth N : 0,42 K/W  
Rth F : 0,143 K/W

L : 150 mm  
W : 99 mm

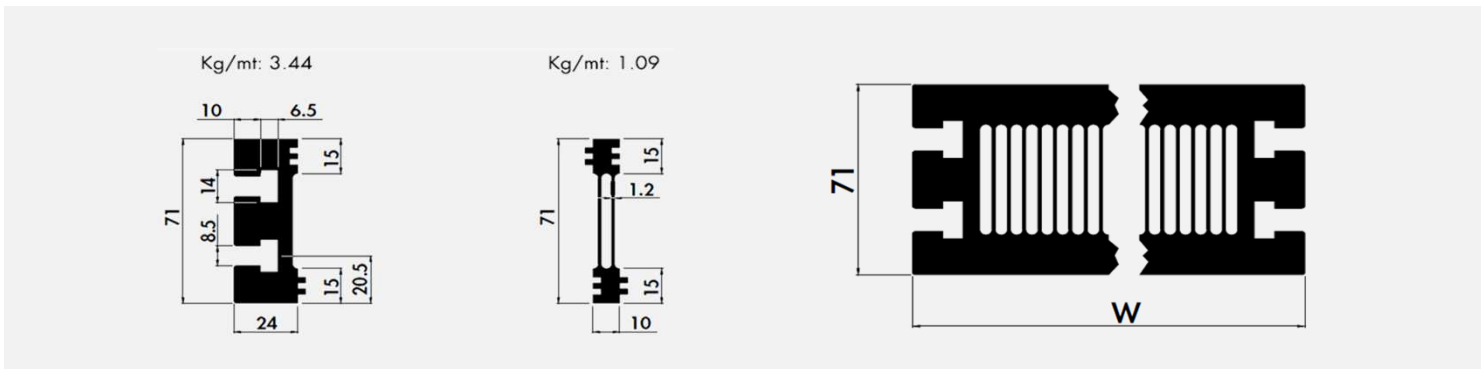
### STDPA18.17



Rth N : 0,48 K/W  
Rth F : 0,162 K/W

L : 150 mm  
W : 100 mm

### STDPA18.04



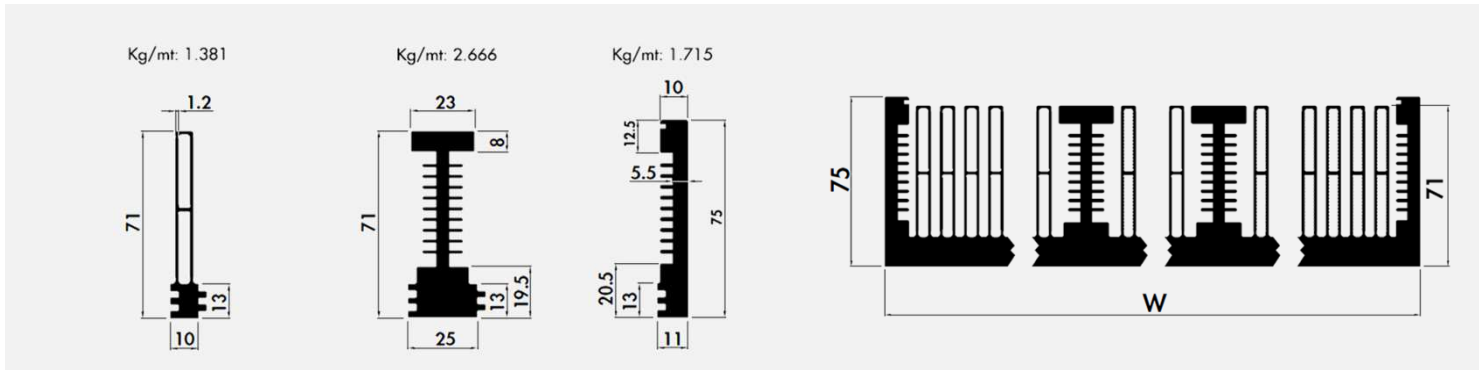
Rth N : 0,53 K/W  
Rth F : 0,18 K/W

L : 150 mm  
W : 108 mm

## SERIE PA - suite

Haute performance

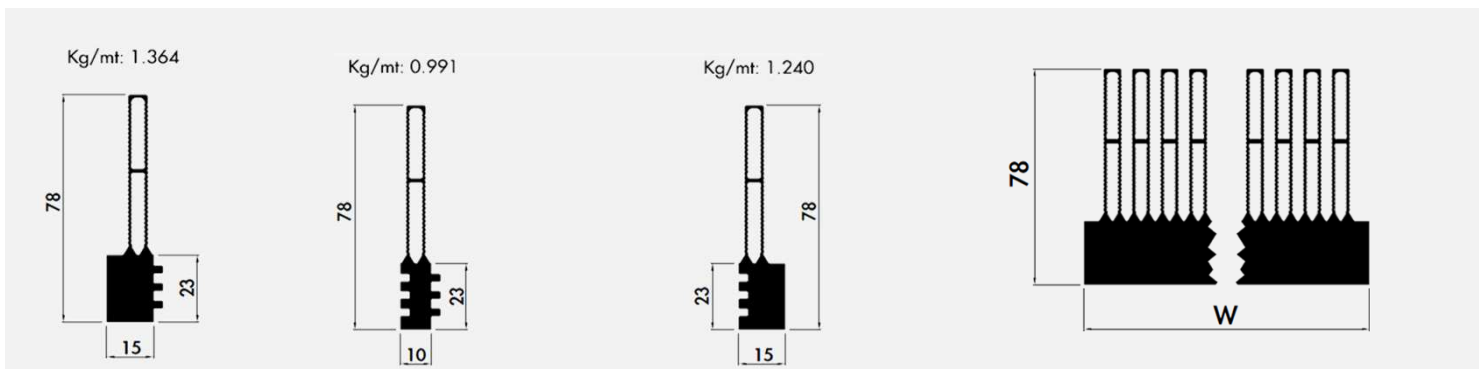
### STDPA18.18



Rth N : 0,41 K/W  
Rth F : 0,137 K/W

L : 150 mm  
W : 102 mm

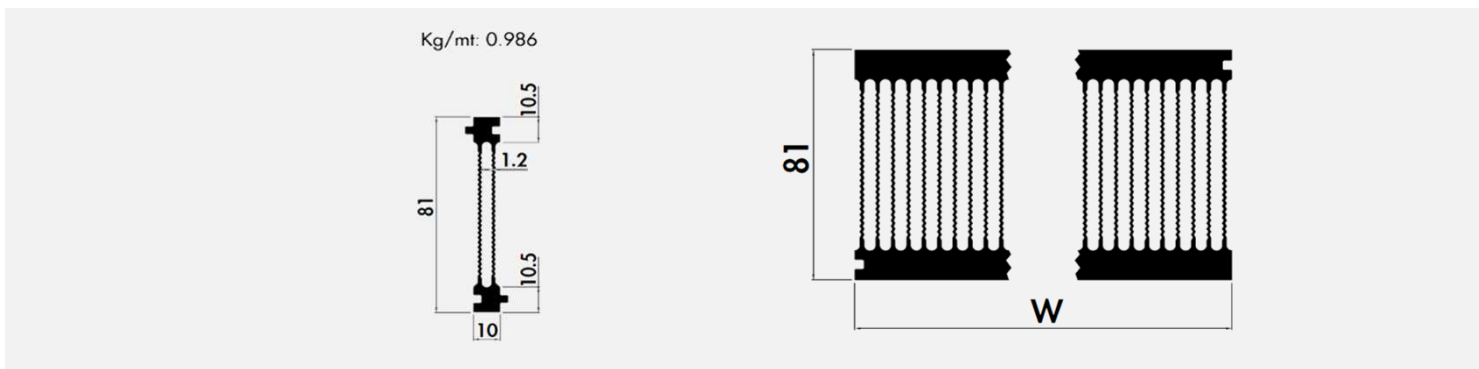
### STDPA18.19



Rth N : 0,43 K/W  
Rth F : 0,145 K/W

L : 150mm  
W : 100 mm

### STDPA18.20



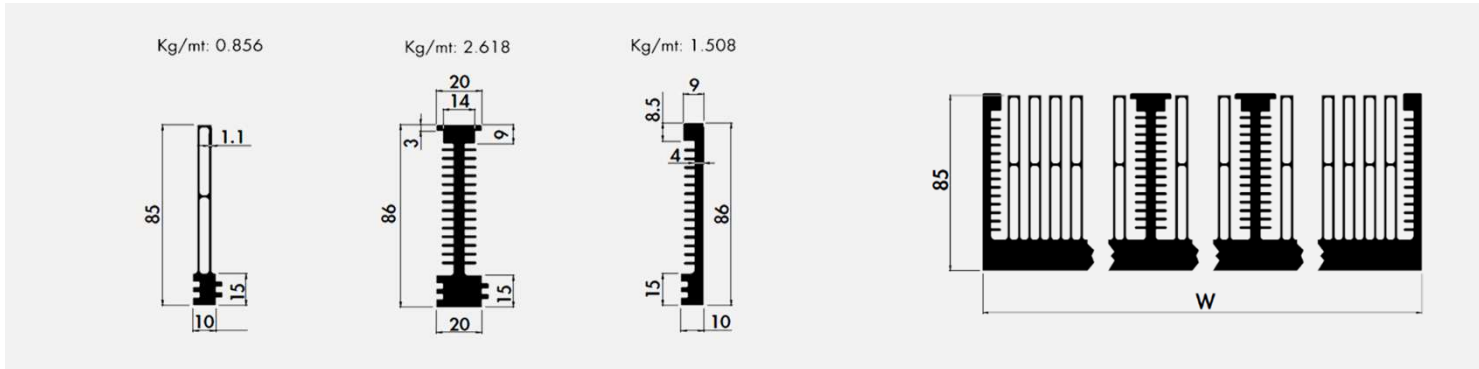
Rth N : 0,39 K/W  
Rth F : 0,132 K/W

L : 150mm  
W : 100 mm

## SERIE PA - suite

Haute performance

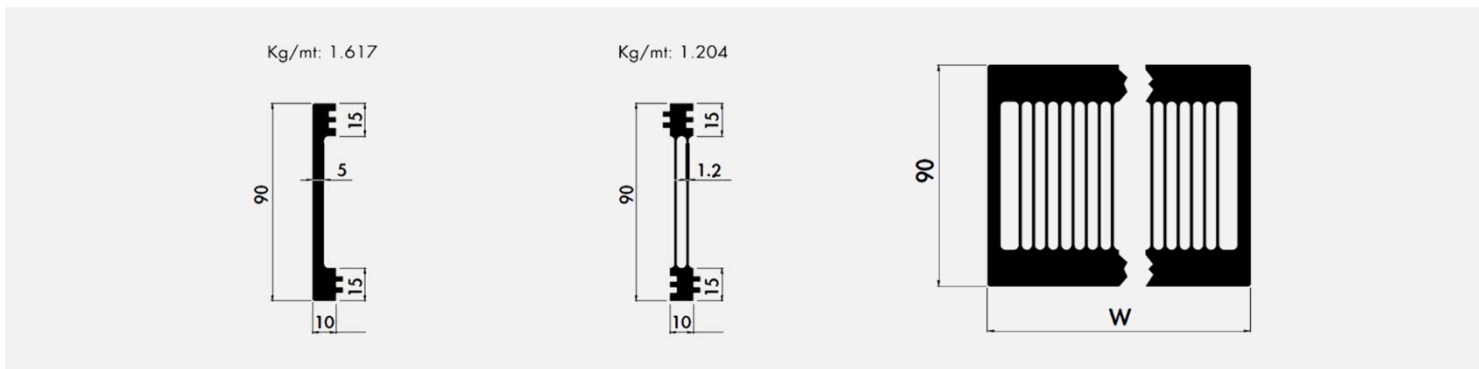
### STDPA18.05



Rth N : 0,37 K/W  
Rth F : 0,125 K/W

L : 150 mm  
W : 100 mm

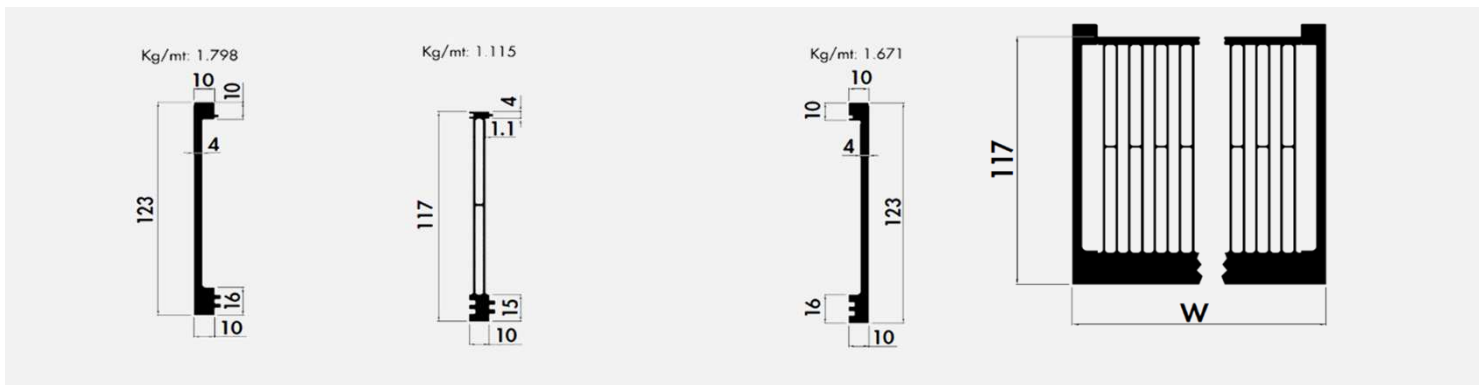
### STDPA18.06



Rth N : 0,4 K/W  
Rth F : 0,137 K/W

L : 150 mm  
W : 100 mm

### STDPA18.08



Rth N : 0,32 K/W  
Rth F : 0,107 K/W

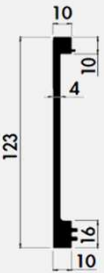
L : 150 mm  
W : 100 mm

## SERIE PA - suite

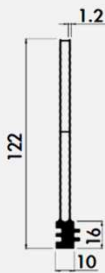
Haute performance

### STDPA18.09

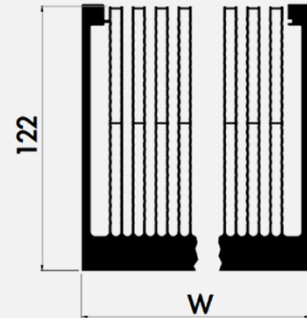
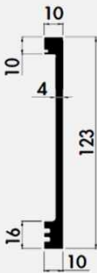
Kg/mt: 1.798



Kg/mt: 1.145



Kg/mt: 1.671

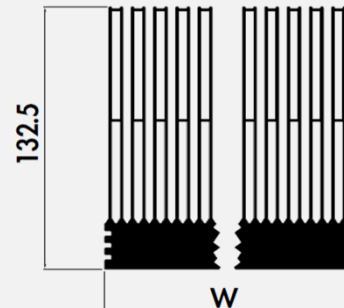
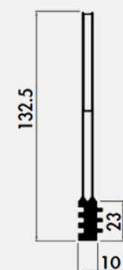


Rth N : 0,31 K/W  
Rth F : 0,104 K/W

L: 150 mm  
W : 100 mm

### STDPA18.21

Kg/mt: 1.434

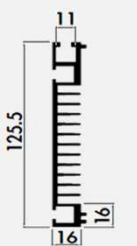


Rth N : 0,28 K/W  
Rth F : 0,095 K/W

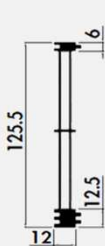
L: 150mm  
W : 100 mm

### STDPA18.22

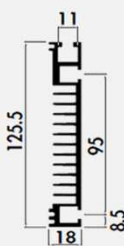
Kg/mt: 2.330



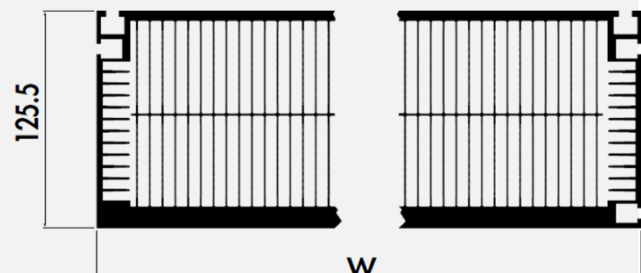
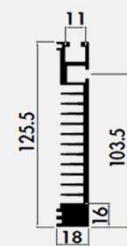
Kg/mt: 1.220



Kg/mt: 2.282



Kg/mt: 2.633



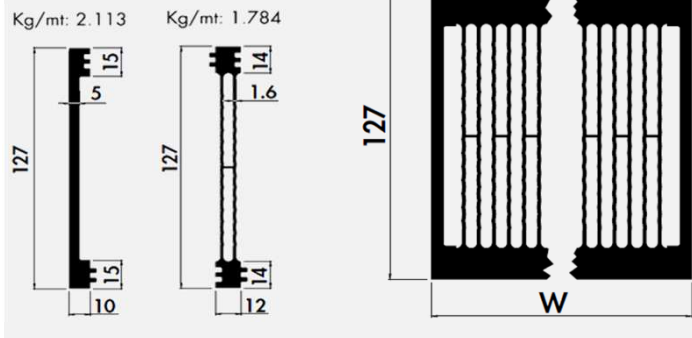
Rth N : 0,32 K/W  
Rth F : 0,109 K/W

L: 150mm  
W : 106 mm

## SERIE PA - suite

Haute performance

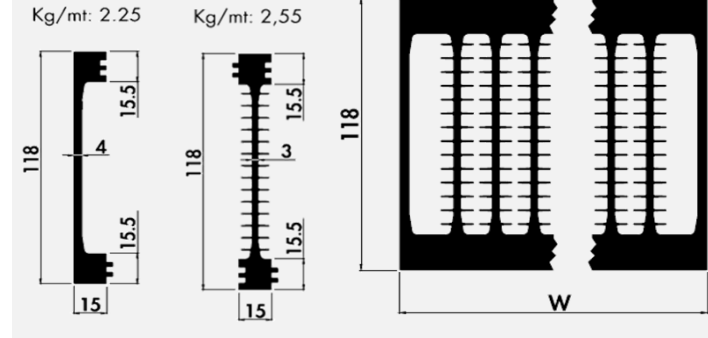
**STDPA18.10**



Rth N : 0,33 K/W  
Rth F : 0,112 K/W

L : 1500mm  
W : 104 mm

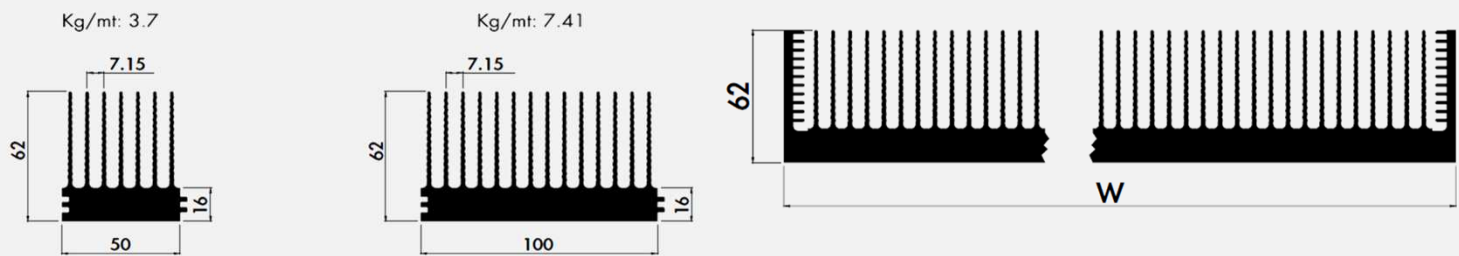
**STDPA18.11**



Rth N : 0,39 K/W  
Rth F : 0,131 K/W

L : 150mm  
W : 105 mm

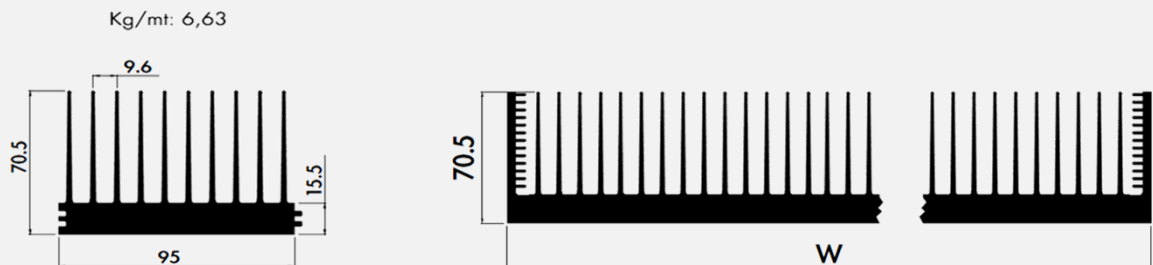
**STDPA18.12**



Rth N : 0,62 K/W  
Rth F : 0,209 K/W

L : 150mm  
W : 100 mm

**STDPA18.13**



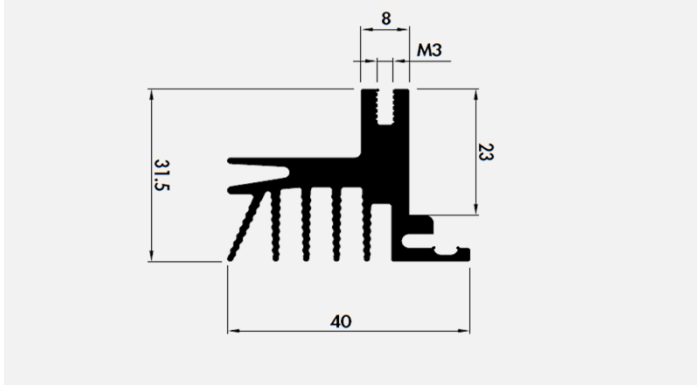
Rth N : 0,64 K/W  
Rth F : 0,215 K/W

L : 150mm  
W : 95 mm

## SERIE L clip

Systeme à clip

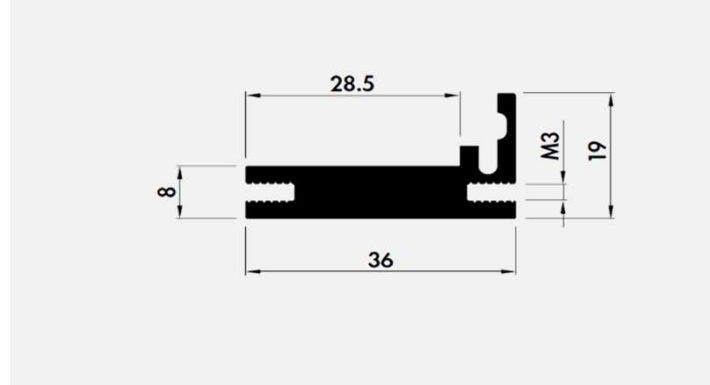
**STDLC18.01**



Rth N : 4,31 K/W  
Rth F : 1,455 K/W

L: 50mm  
P: 1,06 kg/m

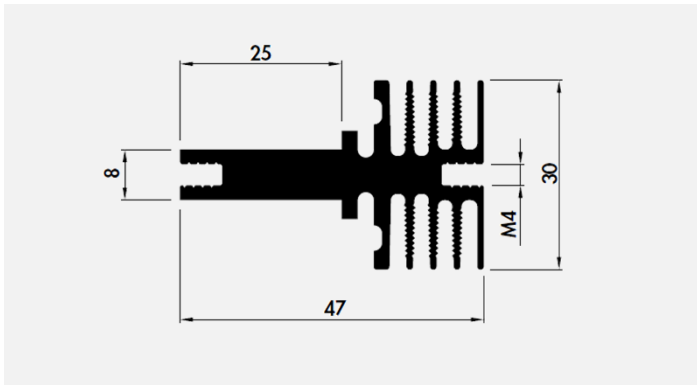
**STDLC18.02**



Rth N : 7,24 K/W  
Rth F : 2,448 K/W

L: 50mm  
P: 0,76 kg/m

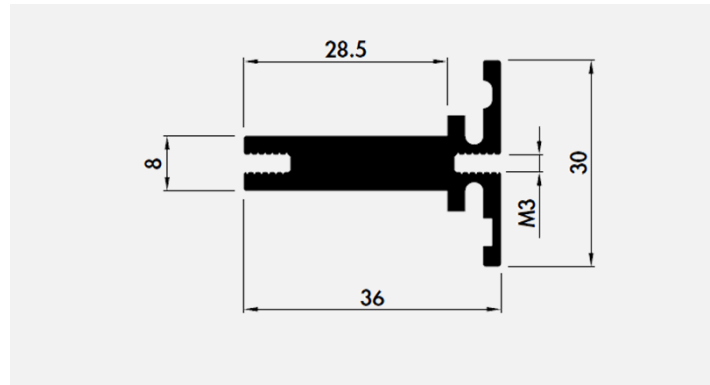
**STDLC18.03**



Rth N : 3,53 K/W  
Rth F : 1,193 K/W

L: 50mm  
P: 1,31 kg/m

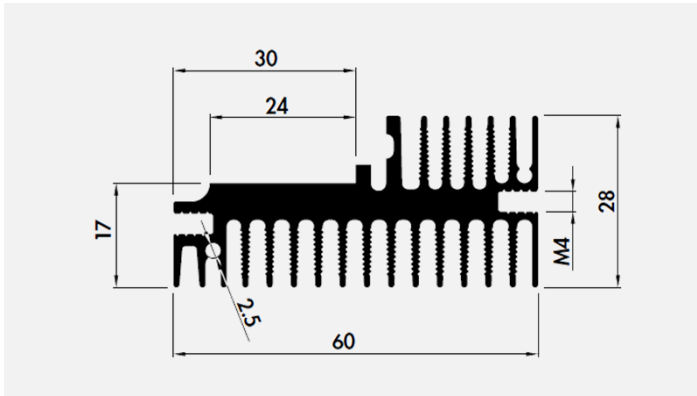
**STDLC18.04**



Rth N : 6,34 K/W  
Rth F : 2,144 K/W

L: 50mm  
P: 0,84 kg/m

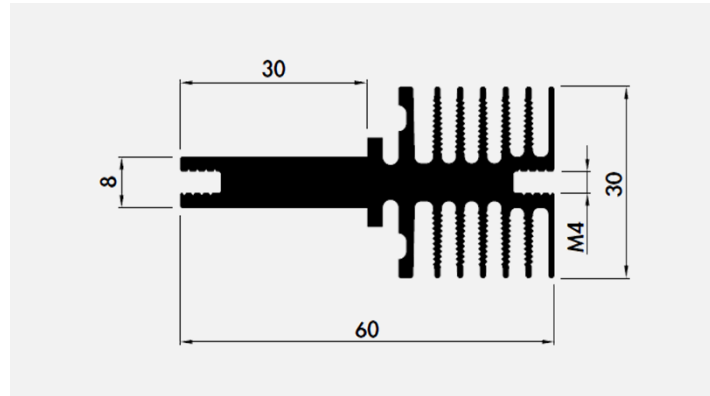
**STDLC18.05**



Rth N : 2,34 K/W  
Rth F : 0,79 K/W

L: 50mm  
P: 1,72 kg/m

**STDLC18.06**

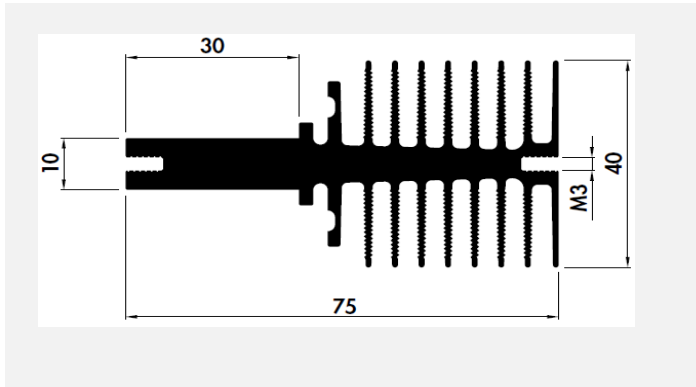


Rth N : 2,86 K/W  
Rth F : 0,966 K/W

L: 50mm  
P: 1,71 kg/m



## SERIE L clip - suite

*Système à clip*
**STDLC18.07**


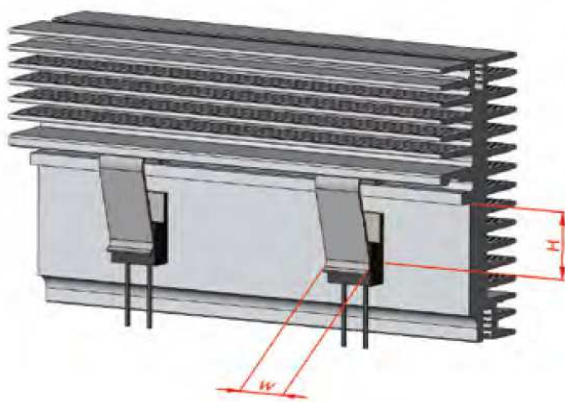
Rth N : 1,99 K/W

L: 50mm

Rth F : 0,673 K/W

P: 2,61 kg/m

Référence des clips	Hauteur H (mm)	Largeur W (mm)	Force (N)	Conditionnement	Traitement de surface
M1	13.5	10	20	TO220	Zinc/Nickel
M2	13.5	13	60	TO220	Zinc/Nickel
M3	13.5	15	45	TO218 TO220 TO247	Zinc/Nickel
M4	13.5	20	40	TO247	Zinc/Nickel
M10	17.5	12	40	TO220	Zinc/Nickel
M12	17.5	6	20	TO92	Zinc/Nickel



## SERIE Pm & Pm+

La série Pm est un produit totalement innovant: des dissipateurs de chaleur entièrement custom avec les spécifications des solutions standards. Réalisé par assemblage mécanique de la base et des ailettes, utilisant une technologie exclusive et brevetée, la série Pm garantit des spécifications d'excellence sans équivoque.

De la matière première au produit fini: les performances thermiques des séries Pm et Pm+ sont uniques et, par rapport aux dissipateurs thermiques les meilleurs et les plus efficaces par rapport à nos confrères, ils garantissent une diminution moyenne de la résistance thermique entre 7 et 10%.

Aucun de nos concurrents n'a le contrôle complet de toute la production, de la matière première au produit fini. Cela nous permet d'être la seule entreprise sur le marché à lancer ce type de solution technologique. Il n'y a pas d'autres alternatives aux séries Pm et Pm+.

Au-delà des limites! La série Pm+ redéfinit complètement toutes les limites dimensionnelles actuellement disponibles avec d'autres technologies. Pm+ est un dissipateur de chaleur monolithique complètement flexible en ce qui concerne chaque exigence de conception individuelle: largeur de base, longueur et base épaisseur; l'épaisseur des ailettes et la distance entre les ailettes. La liberté de concevoir des solutions entièrement personnalisées aucune attache, en utilisant un produit standard.

### Propriétés mécaniques\*

- Résistance à la traction : 80 N/mm<sup>2</sup>
- Limite d'élasticité à 0,2% : 35 N/mm<sup>2</sup>
- Dureté Brinell : 21
- Module d'élasticité : 65 kN/mm<sup>2</sup>

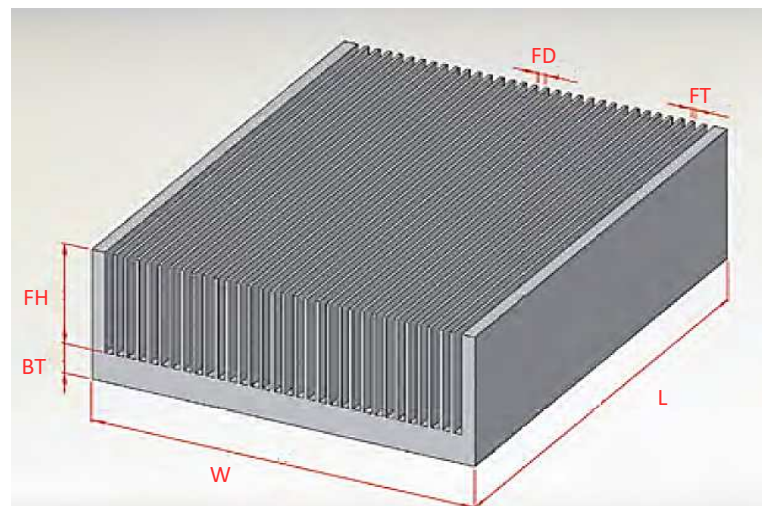
### Propriétés physiques\*

- Conductivité thermique : 229 W/mK
- Conductivité électrique : 35,4 m/Ωmm<sup>2</sup>
- Coefficient de dilatation thermique linéaire : 23,6 1/Kx10<sup>6</sup>

\*Valable pour l'alliage d'aluminium EN A W-1050A (Al99,5) - autres alliages d'aluminium disponibles sur demande.

### Spécifications dimensionnelles série Pm

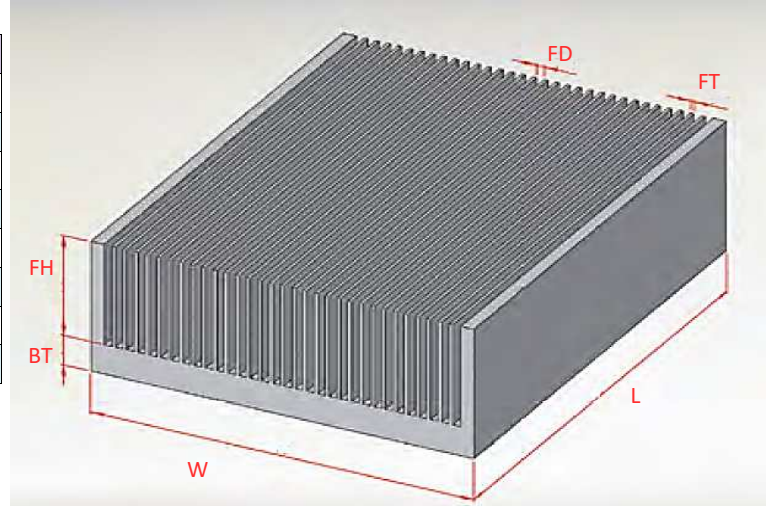
Propriétés	Repères	Valeurs
Largeur du dissipateur	W	max 700 mm
Longueur du dissipateur	L	max 1 000 mm
Épaisseur de la base	BT	8 ÷ 30 mm
Hauteur des ailettes	FH	max 150 mm
Épaisseur des ailettes	FT	1 ÷ 3 mm
Distance entre ailettes	FD	min 2 mm
Ratio d'aspect	(FH/FD)	max 75:1
Tolérances	/	ISO 2768-mk



## SERIE Pm & Pm+ - suite

### Spécifications dimensionnelles série Pm+

Propriétés	Repères	Valeurs
Largeur du dissipateur	W	max 800 mm
Longueur du dissipateur	L	max 3 000 mm
Épaisseur de la base	BT	5 ÷ 50 mm
Hauteur des ailettes	FH	max 150 mm
Épaisseur des ailettes	FT	min 0,8 mm
Distance entre ailettes	FD	min 2 mm
Ratio d'aspect	(FH/FD)	max 43:1
Tolérances	/	ISO 2768-mk



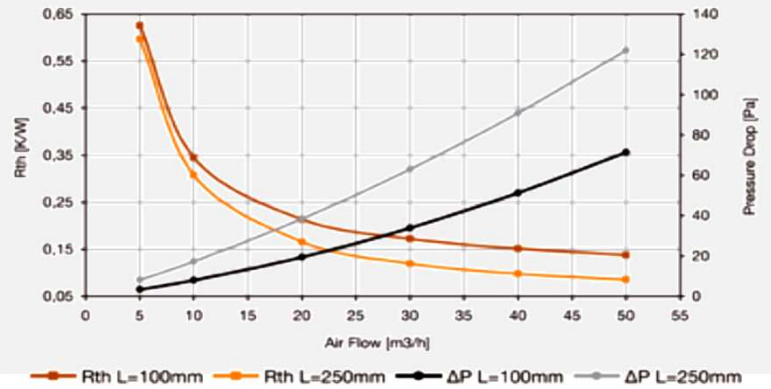
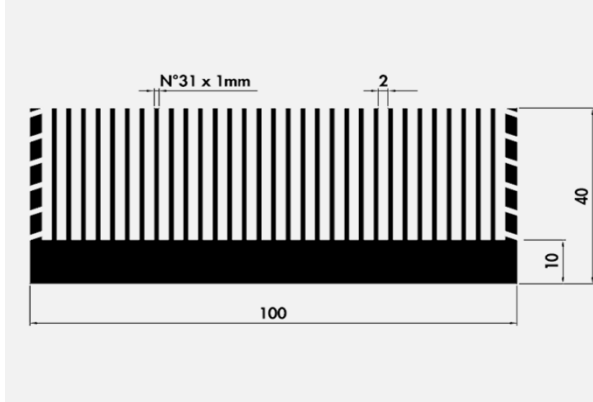
### Profils séries Pm et Pm+

#### STDPM18.01

P : 5,21 Kg/m

#### STDPM+18.01

P : 5,62 Kg/m

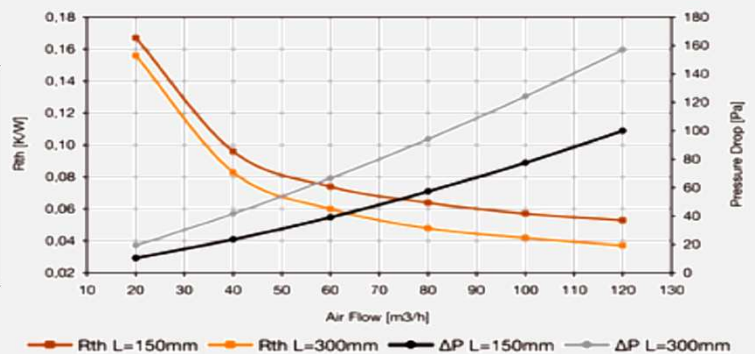
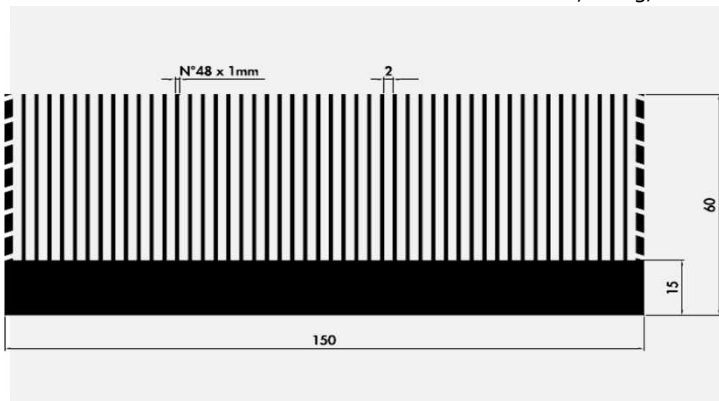


#### STDPM18.02

P: 11,18 Kg/m

#### STDPM+18.02

P: 12,39 Kg/m



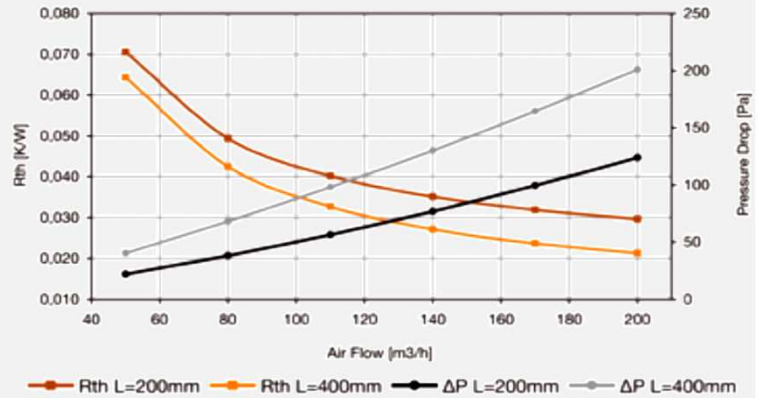
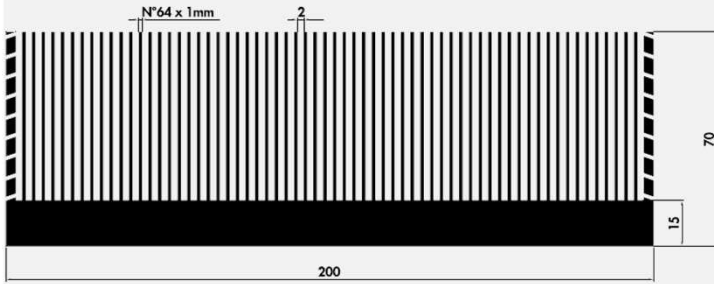
## SERIE Pm & Pm+ - suite

**STDPM18.03**

P: 17,6 Kg/m

**STDPM+18.03**

P: 18,5 Kg/m

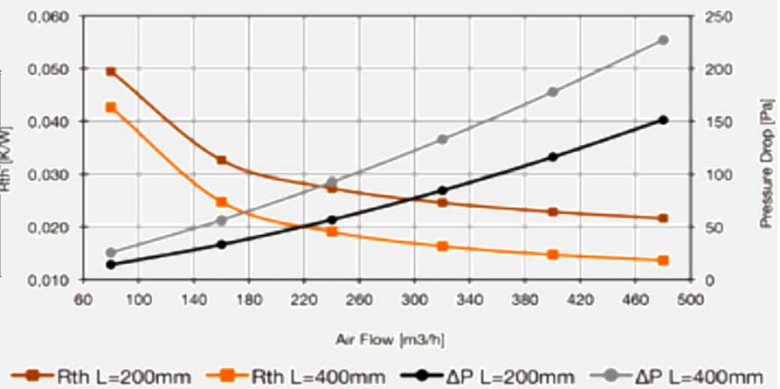
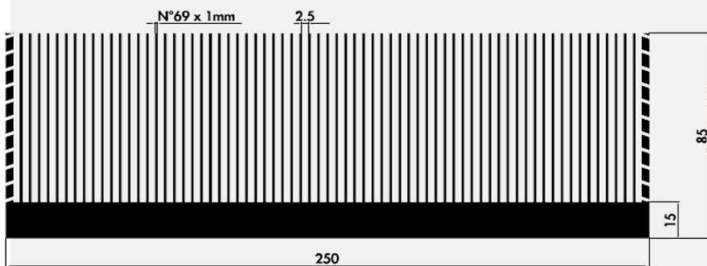


**STDPM18.04**

P: 23,17 Kg/m

**STDPM+18.04**

P: 24,3 Kg/m

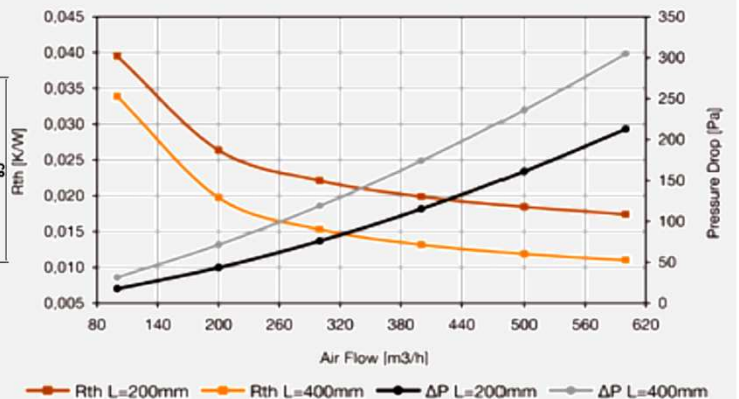
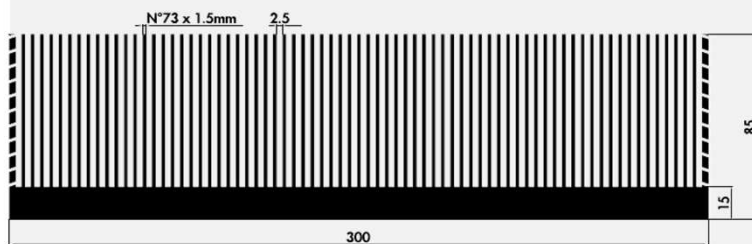


**STDPM18.05**

P: 32,85 Kg/m

**STDPM+18.05**

P: 33,89 Kg/m



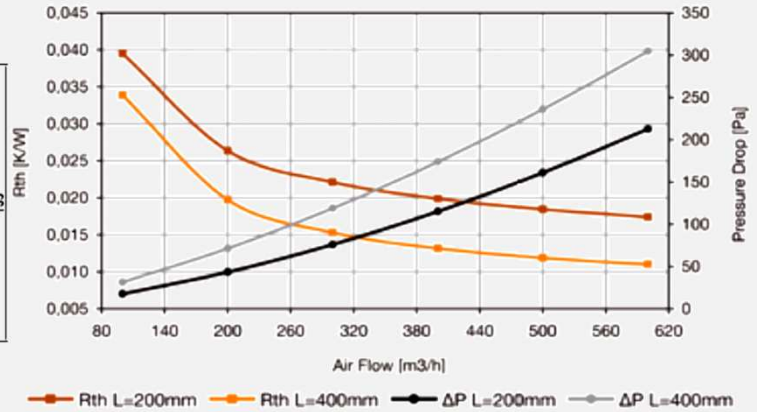
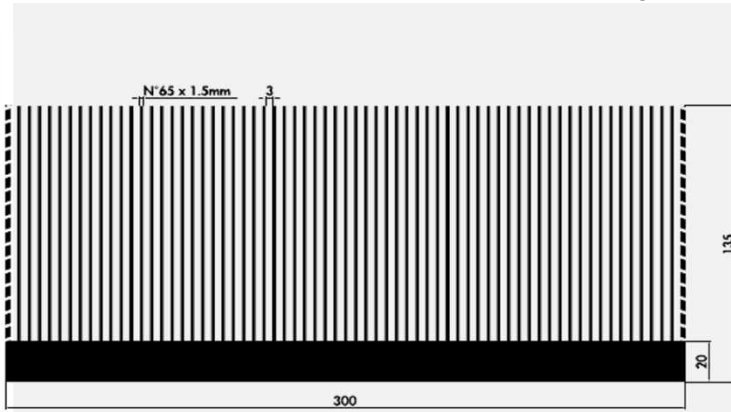
## SERIE Pm & Pm+ - suite

**STDPM18.06**

P: 46,47 Kg/m

**STDPM+18.06**

P: 47,87 Kg/m

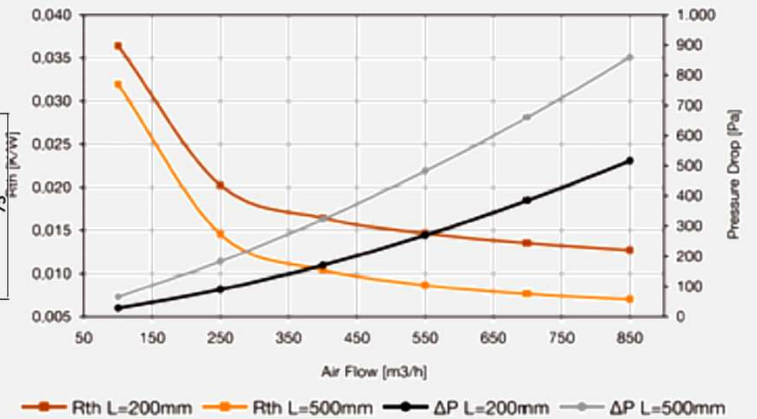
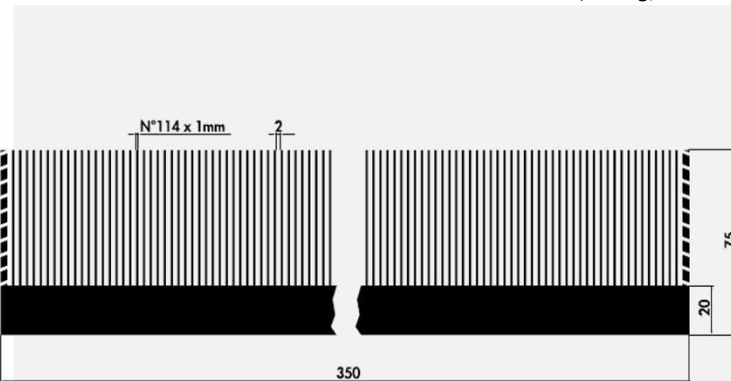


**STDPM18.07**

P: 35,83 Kg/m

**STDPM+18.07**

P: 36,72 Kg/m

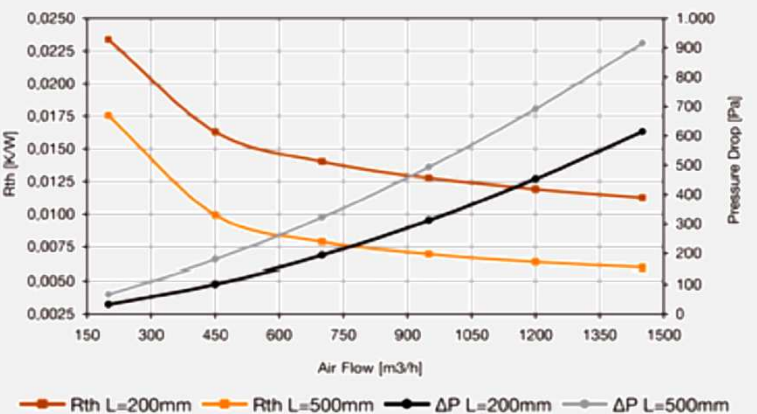
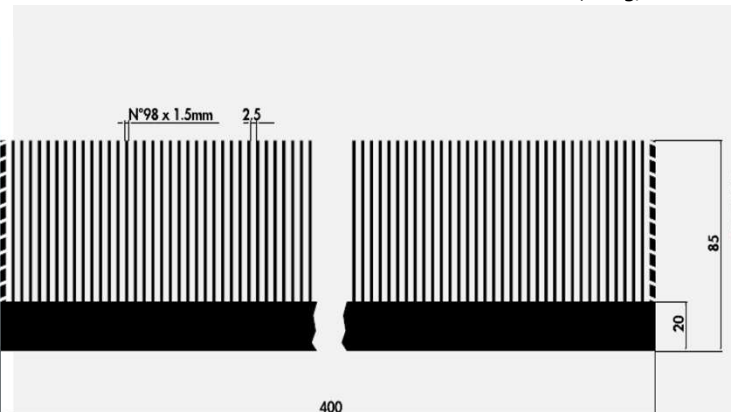


**STDPM18.08**

P: 47,4 Kg/m

**STDPM+18.08**

P: 48,36 Kg/m



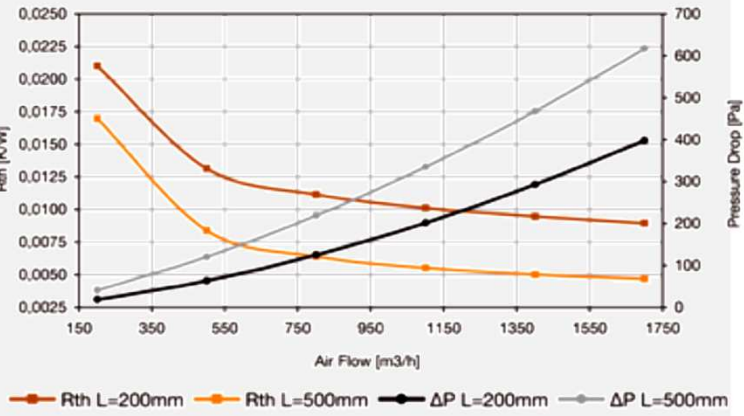
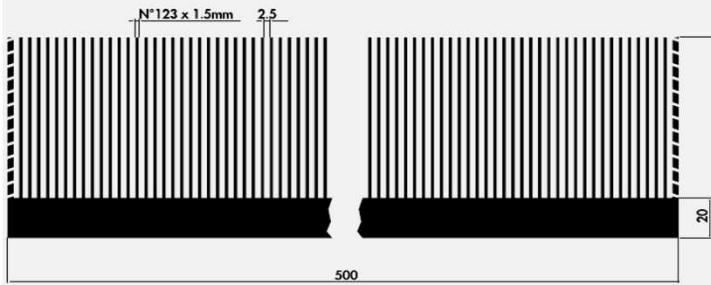
## SERIE Pm & Pm+ - suite

**STDPM18.09**

P: 66,85 Kg/m

**STDPM+18.09**

P: 68,04 Kg/m

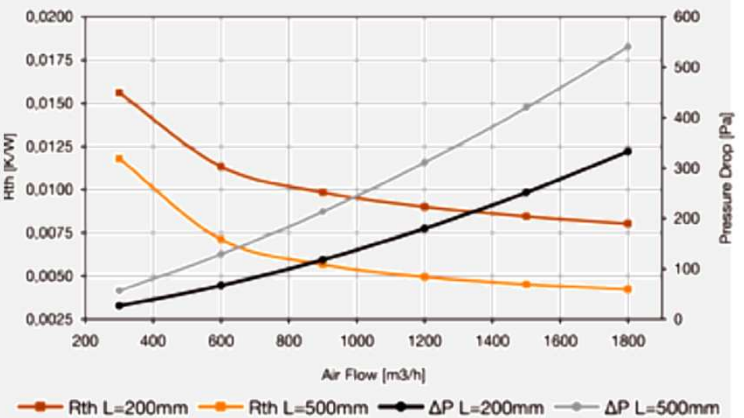
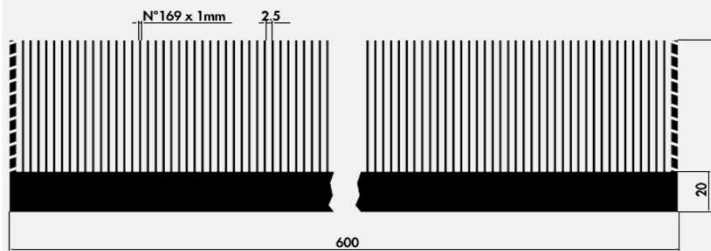


**STDPM18.10**

P: 62,06 Kg/m

**STDPM+18.10**

P: 63,11 Kg/m

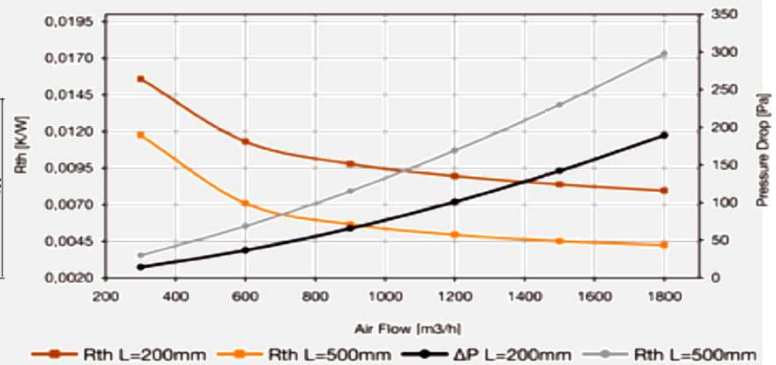
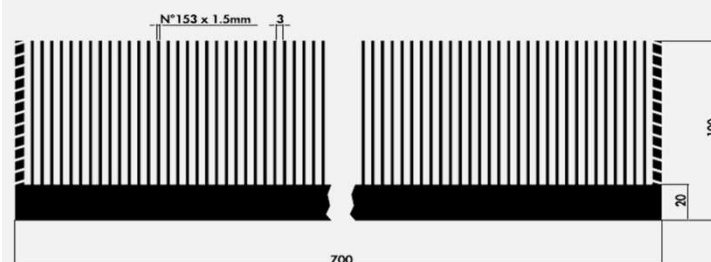


**STDPM18.11**

P: 87,37 Kg/m

**STDPM+18.11**

P: 89,21 Kg/m



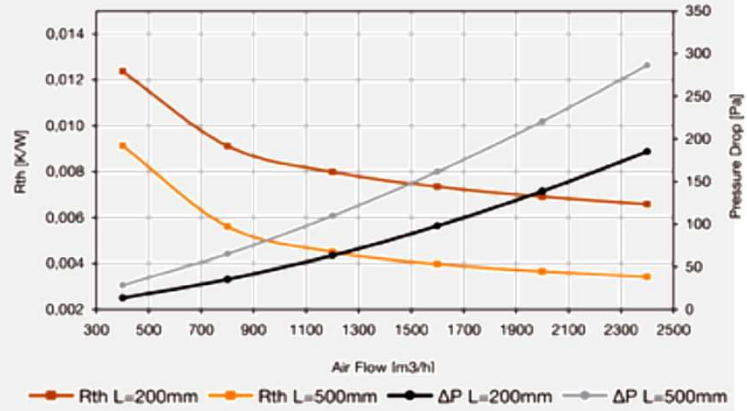
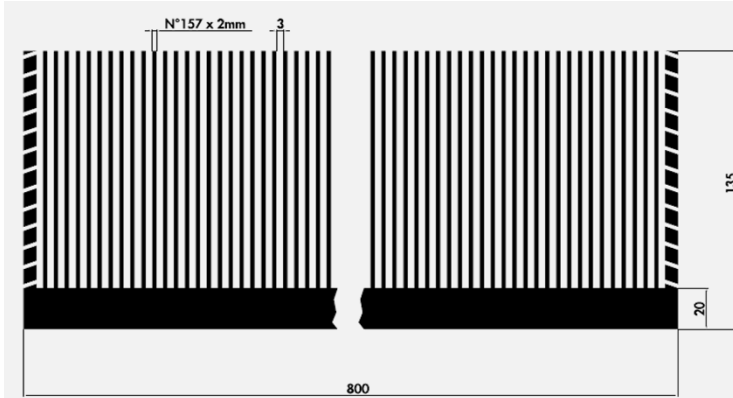
## SERIE PM & PM+ - suite

**STDPM18.12**

P: 140,7 Kg/m

**STDPM+18.12**

P: 144,42 Kg/m



## SERIE PB

### Ailettes brasées

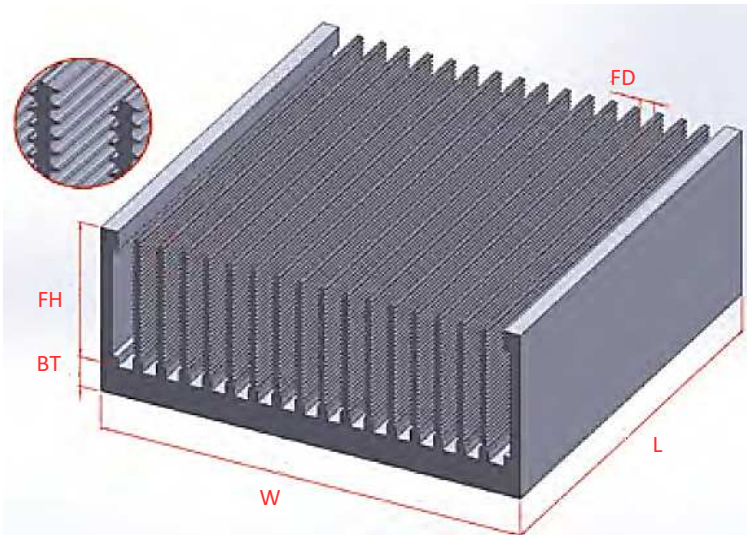
#### Spécifications dimensionnelles série PB

Propriétés	Repères	Valeurs
Largeur du dissipateur	W	max 1 000 mm
Longueur du dissipateur	L	max 1 000 mm
Epaisseur de la base	BT	5 ± 35 mm
Hauteur des ailettes	FH	max 150 mm
Distance entre ailettes	FD	min 2 mm
Ratio d'aspect	(FH/FD)	max 75:1
Tolérances	/	ISO 2768-mk

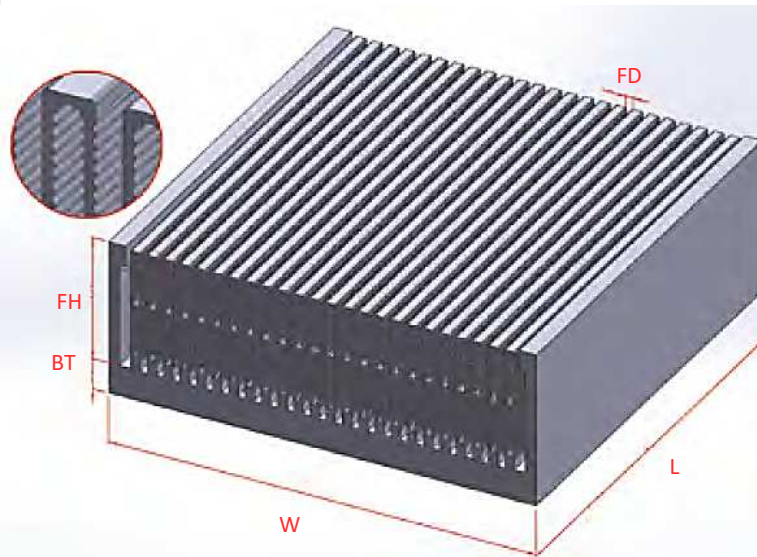
#### Matières

- Matière des ailettes : EN AW-1050A
- Matière des ailettes latérales : EN AW-6060
- Matière de la base : EN AW-1050A ou EN AW-6060

#### Série PBS



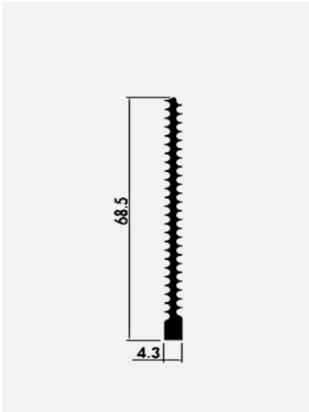
#### Série PBH



#### Profils série PB

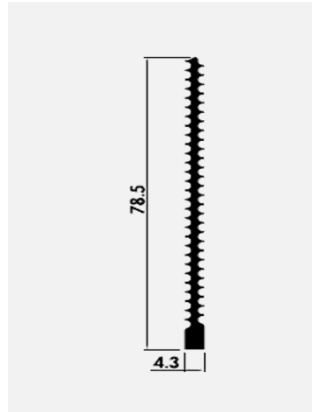
##### ● STDPBS18.01

P: 0,476 Kg/m



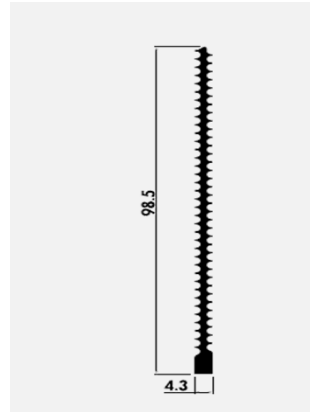
##### ● STDPBS18.02

P: 0,541 Kg/m



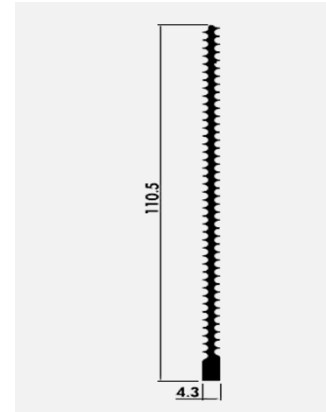
##### ● STDPBS18.03

P: 0,671 Kg/m



##### ● STDPBS18.04

P: 0,754 Kg/m



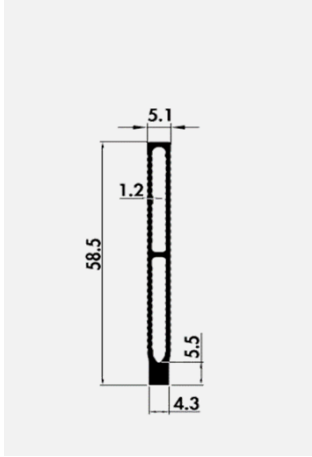


## SERIE PB - suite

### Ailettes brasées

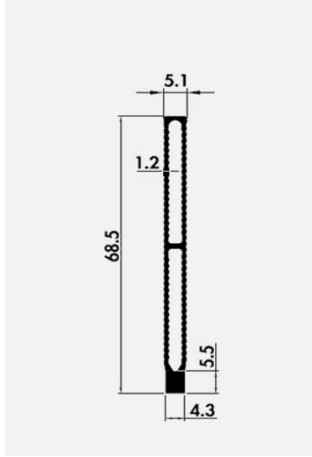
#### ● STDPBH18.01

P: 0,424 Kg/m



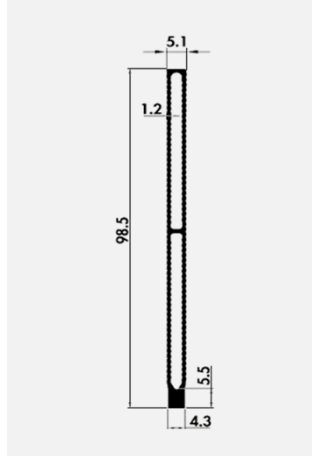
#### ● STDPBH18.02

P: 0,485 Kg/m



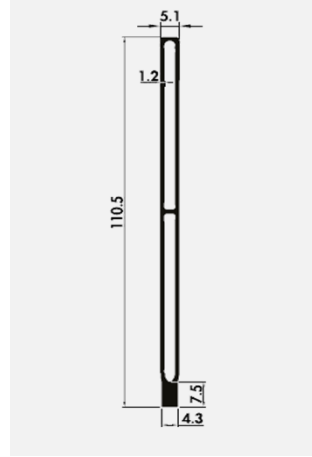
#### ● STDPBH18.03

P: 0,677 Kg/m



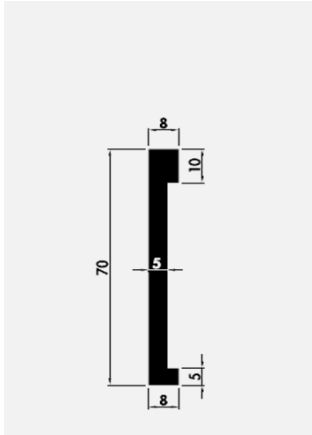
#### ● STDPBH18.04

P: 0,764 Kg/m



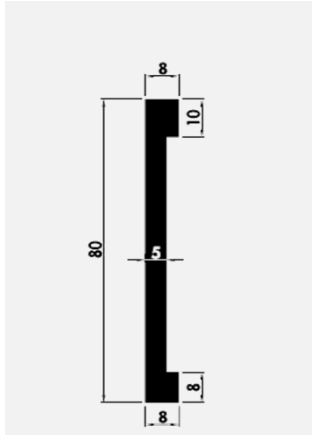
#### ● STDPBSF18.01

P: 1,066 Kg/m



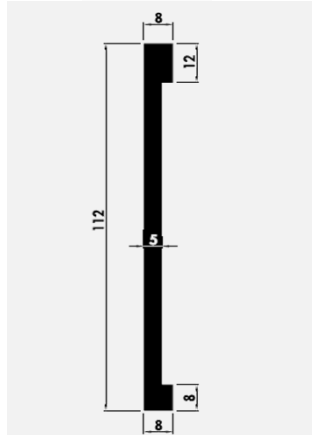
#### ● STDPBSF18.02

P: 1,226 Kg/m



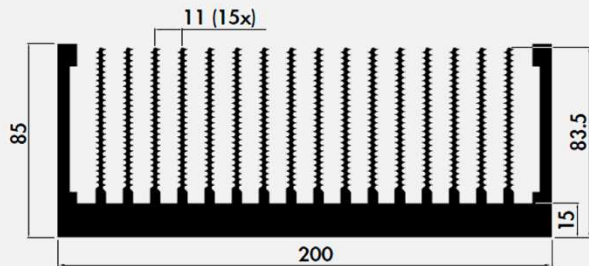
#### ● STDPBSF18.03

P: 1,67 Kg/m

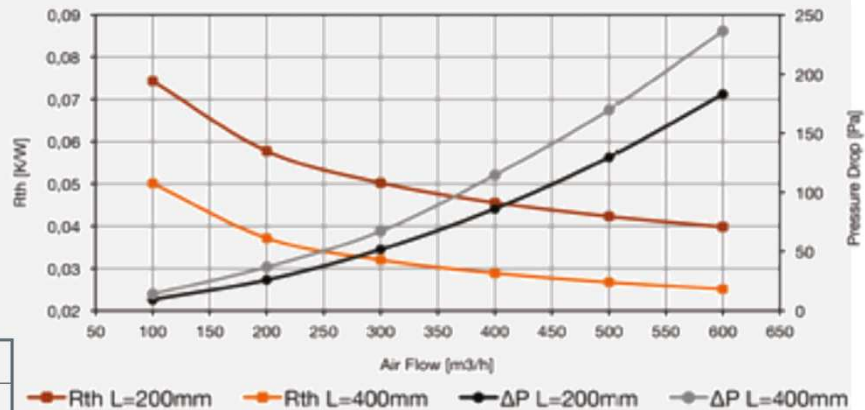


#### ● STDPBS18.05

P: 17,85 Kg/m



L [mm]	100	200	300	400
Rth,N (K/W)	0,449	0,278	0,210	0,172

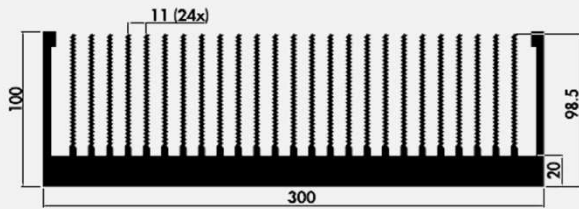


## SERIE PB - suite

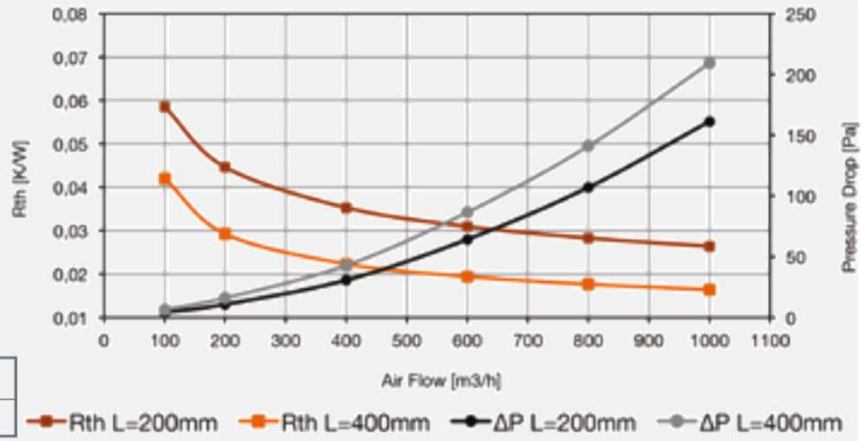
*Ailettes brasées*

### STDPBS18.06

P: 32,18 Kg/m

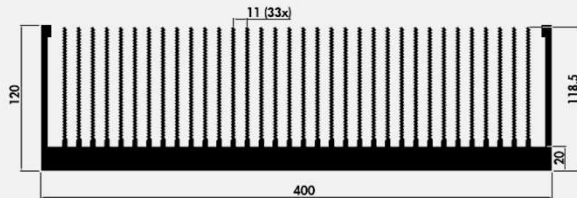


L [mm]	200	300	400	500
Rth,N (K/W)	0,191	0,144	0,118	0,101

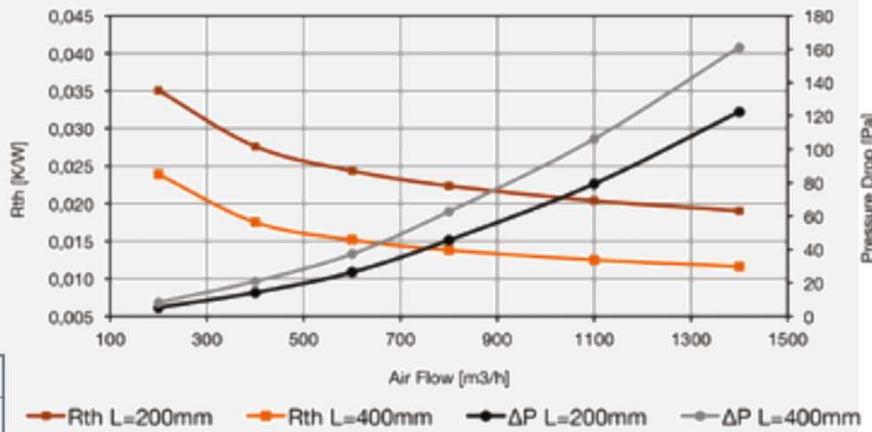


### STDPBS18.07

P: 47,31 Kg/m

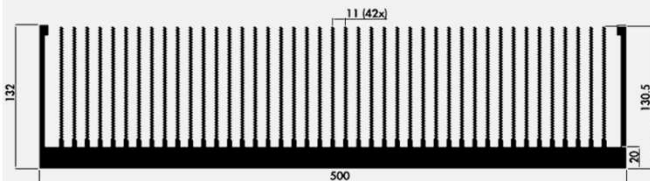


L [mm]	200	300	400	500
Rth,N (K/W)	0,134	0,101	0,083	0,071

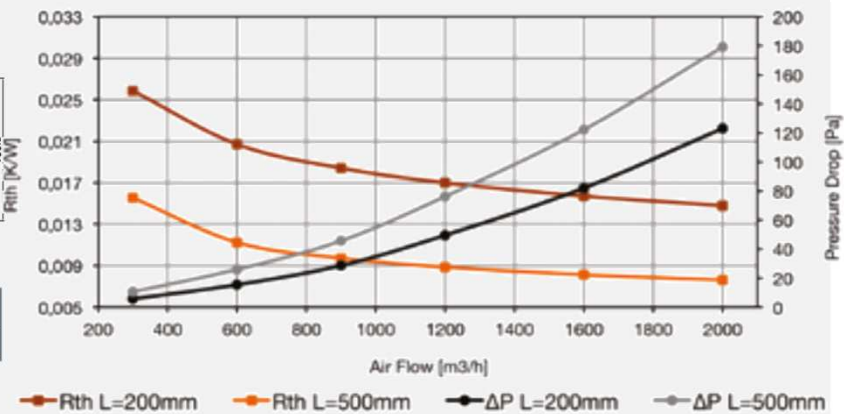


### STDPBS18.08

P: 62,79 Kg/m



L [mm]	200	300	400	500
Rth,N (K/W)	0,107	0,081	0,066	0,057

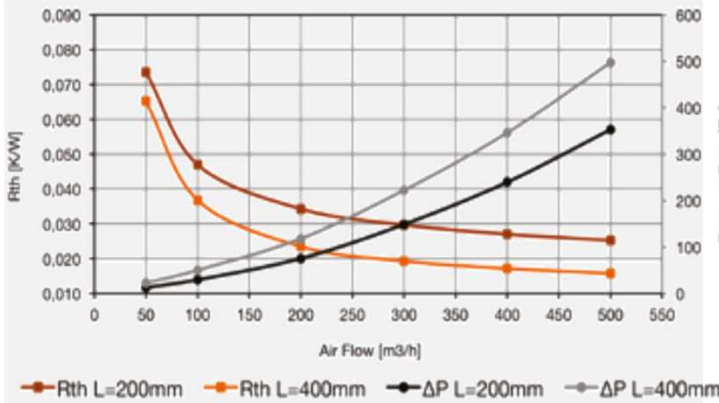
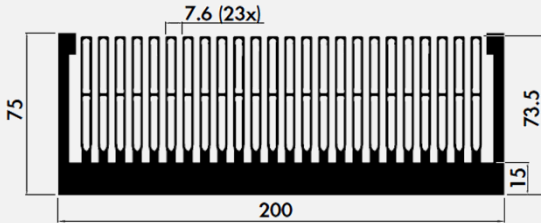


## SERIE PB - suite

*Ailettes brasées*

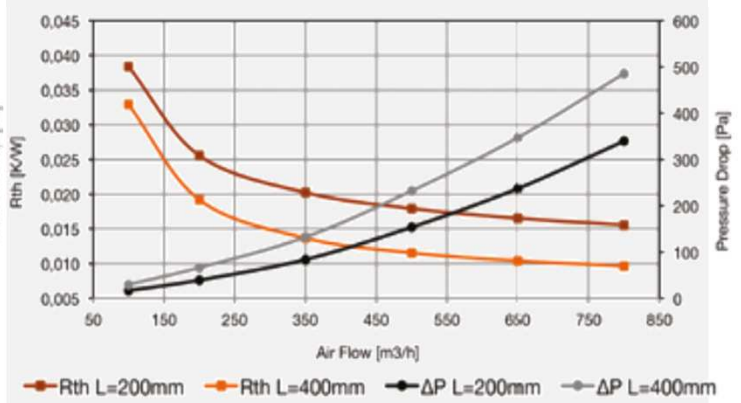
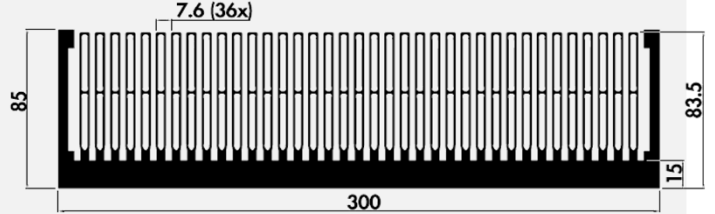
**STDPBH18.05**

P: 20,07 Kg/m



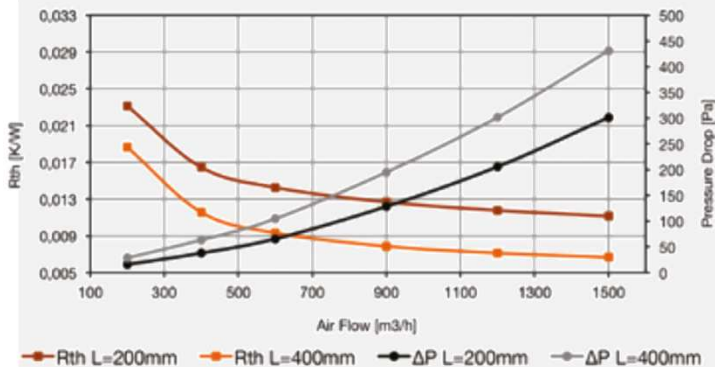
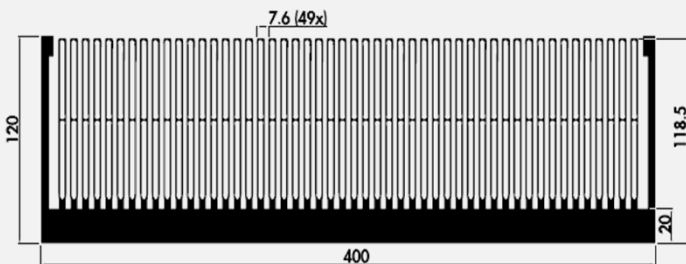
**STDPBH18.06**

P: 32,24 Kg/m



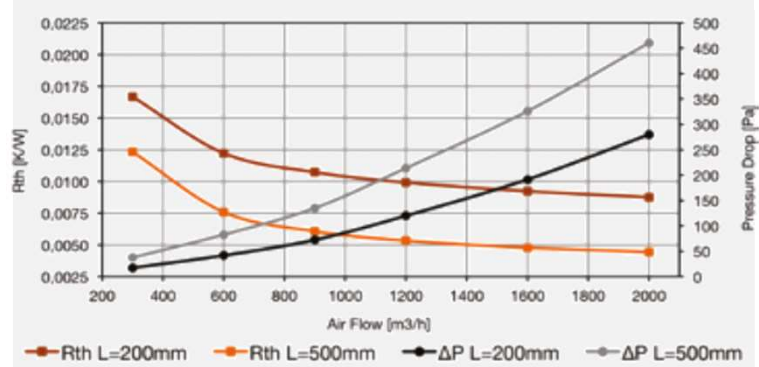
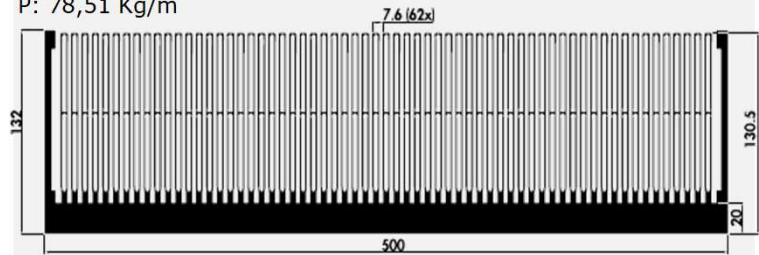
**STDPBH18.07**

P: 58,36 Kg/m



**STDPBH18.08**

P: 78,51 Kg/m

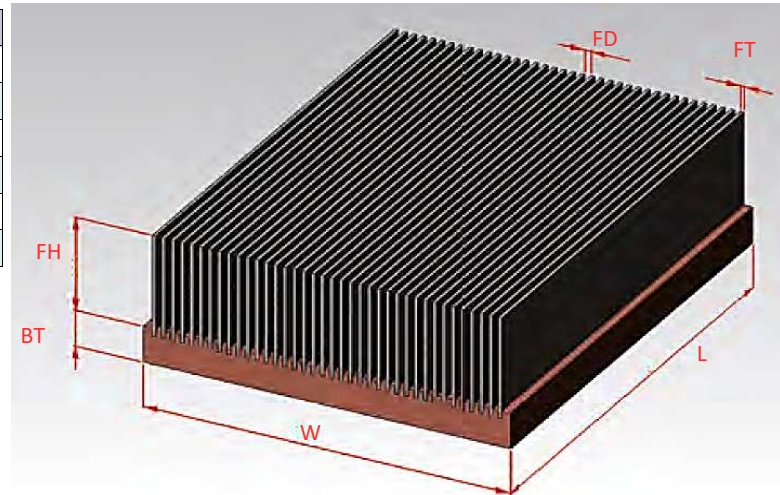


## SERIE PR

*Ailettes collées*

### Spécifications dimensionnelles série PR

Propriétés	Repères	Valeurs
Largeur du dissipateur	W	≤ 500 mm
Longueur du dissipateur	L	≤ 700 mm
Épaisseur de la base	BT	≥ 8 mm
Hauteur des ailettes	FH	≤ 150 mm
Largeur des ailettes	FT	≤ 3 mm
Distance entre ailettes	FD	≥ 3 mm

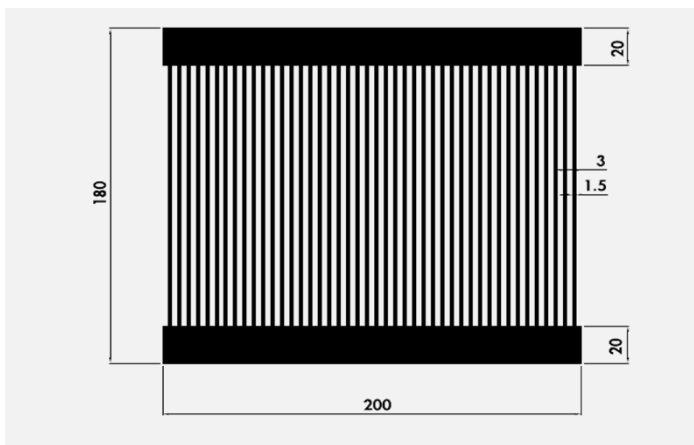


### Matières: base - ailettes

- Aluminium - Aluminium
- Aluminium - Cuivre
- Cuivre - cuivre

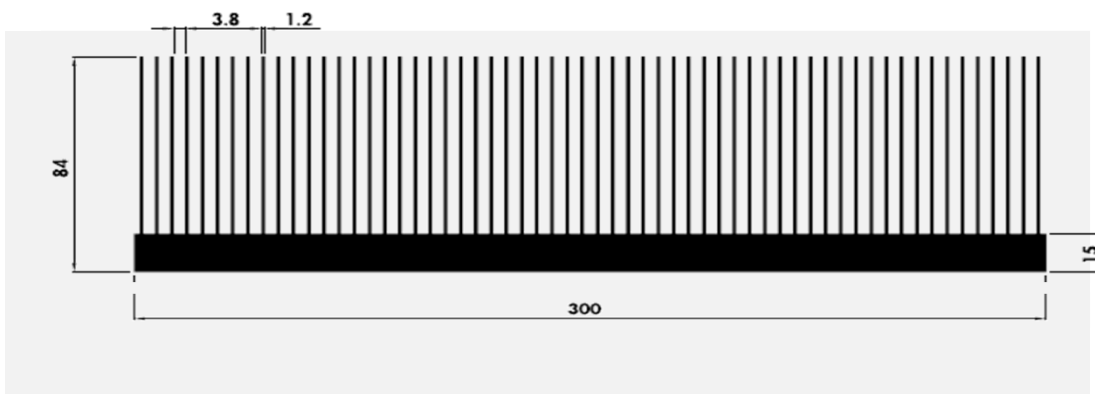
### Profils série PR

#### STDPR18.01



Rth N : 0,12 K/W  
 Rth F : 0,04 K/W  
 P : 46,55 Kg/m  
 L: 200 mm

#### STDPR18.02



Rth N : 0,12 K/W  
 Rth F : 0,039 K/W  
 P : 25,55 Kg/m  
 L: 300 mm

Les résultats ont été obtenus en conditions de laboratoire et doivent être considérés uniquement à titre indicatif. AB2E n'ayant aucun contrôle sur le matériel de ses clients et sur de nombreux autres facteurs, il relève de la responsabilité de l'utilisateur d'effectuer ses propres tests pour s'assurer que le produit correspond bien à ses besoins.