



CATÁLOGO GERAL DE PERFIS

ESQUADRIAS

BARRAS CHATAS

TUBOS

CANTONEIRAS

VERGALHÕES

PERFIS

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VITAL
ALUMÍNIO

BARRA CHATA



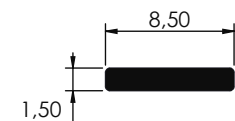
CÓDIGO	LARGURA POLEGADA	ESPESSURA POLEGADA	LARGURA mm	ESPESSURA mm	PESO Kg/m
BAR-001	*	*	8,50	1,50	0,034
BAR-036	*	*	9,00	1,20	0,029
BAR-035	3/8"	1/4"	9,53	6,35	0,164
BAR-031	*	*	12,00	2,00	0,063
BAR-046	1/2"	*	12,70	1,40	0,048
BAR-003	1/2"	*	12,70	2,40	0,082
BAR-064	*	*	12,70	3,20	0,109
BAR-048	1/2"	3/16"	12,70	4,76	0,164
BAR-005	1/2"	1/4"	12,70	6,35	0,218
BAR-006	1/2"	3/8"	12,70	9,53	0,328
BAR-004	*	1/8"	13,00	3,18	0,112
BAR-007	*	*	13,50	1,50	0,054
BAR-063	9/16"	1/8"	14,29	3,18	0,123
BAR-053	*	*	15,00	2,50	0,102
BAR-008	5/8"	*	15,88	1,50	0,064
BAR-009	5/8" RED.	1/8" RED.	15,88	3,18	0,130
BAR-050	5/8"	1/8"	15,88	3,18	0,137
BAR-010	5/8"	3/16"	15,88	4,76	0,204
BAR-011	5/8"	1/4"	15,88	6,35	0,273
BAR-039	5/8"	3/8"	15,88	9,53	0,410
BAR-037	*	*	16,00	2,00	0,084
BAR-012	*	*	18,00	2,00	0,095
BAR-065	*	*	19,00	4,80	0,237
BAR-014	3/4"	1/8"	19,05	3,18	0,163
BAR-051	3/4"	*	19,05	3,80	0,196
BAR-029	3/4"	3/16"	19,05	4,76	0,246
BAR-015	3/4"	1/4"	19,05	6,35	0,327
BAR-028	3/4"	3/8"	19,05	9,53	0,489
BAR-042	7/8"	1/8"	22,22	3,18	0,191
BAR-002	7/8"	3/16"	22,22	4,76	0,287
BAR-068	1"	*	25,40	1,58	0,108
BAR-062	1"	*	25,40	2,80	0,193
BAR-032	1"	1/8"	25,40	3,18	0,218
BAR-016	1"	3/16"	25,40	4,76	0,327
BAR-017	1"	1/4"	25,40	6,35	0,437
BAR-030	1"	5/16"	25,40	7,94	0,546
BAR-047	1"	3/8"	25,40	9,53	0,655

BARRA CHATA



CÓDIGO	LARGURA POLEGADA	ESPESSURA POLEGADA	LARGURA mm	ESPESSURA mm	PESO Kg/m
BAR-045	1 1/4"	*	31,75	2,60	0,223
BAR-061	1 1/4"	*	31,75	2,80	0,241
BAR-018	1 1/4"	1/8"	31,75	3,18	0,273
BAR-019	1 1/4"	1/4"	31,75	6,35	0,546
BAR-020	1 1/4"	5/16"	31,75	7,94	0,682
BAR-021	1 1/4"	3/8"	31,75	9,53	0,819
BAR-059	1 1/2"	1/16"	38,10	1,59	0,164
BAR-022	1 1/2"	1/8"	38,10	3,18	0,330
BAR-040	1 1/2"	3/16"	38,10	4,76	0,492
BAR-033	1 1/2"	1/4"	38,10	6,35	0,655
BAR-023	1 1/2"	5/16"	38,10	7,94	0,818
BAR-024	1 1/2"	3/8"	38,10	9,53	0,983
BAR-025	1 1/2"	1/2"	38,10	12,70	1,311
BAR-026	*	*	45,00	8,00	0,975
BAR-034	*	*	45,00	17,00	2,073
BAR-069	2"	3/16"	50,80	3,18	0,437
BAR-054	2"	3/16"	50,80	4,76	0,656
BAR-055	2"	1/4"	50,80	6,35	0,874
BAR-044	2"	3/8"	50,80	9,53	1,311
BAR-027	2"	1/2"	50,80	12,70	1,748
BAR-057	2"	5/8"	50,80	15,88	2,185
BAR-041	2"	3/4"	50,80	19,05	2,623
BAR-043	*	*	55,00	2,50	0,373
BAR-072	*	*	60,00	2,50	0,406
BAR-038	2 1/2"	1/8"	63,50	3,18	0,546
BAR-049	2 1/2"	3/16"	63,50	4,76	0,819
BAR-052	2 1/2"	1/4"	63,50	6,35	1,093
BAR-058	2 1/2"	1/2"	63,50	12,70	2,185
BAR-071	*	*	67,00	2,20	0,399
BAR-066	*	*	68,00	4,00	0,736
BAR-056	3"	1/2"	76,20	12,70	2,623
BAR-067	*	*	81,00	1,00	0,219
BAR-070	*	*	81,20	4,00	0,879
BAR-013	*	*	90,00	6,00	1,463
BAR-073	4"	1/8"	101,60	3,18	0,875
BAR-060	*	*	120,00	6,50	2,113

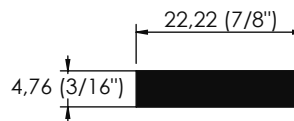
BAR-001



Escala 2:1

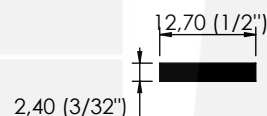
Area (mm²)
12,67
Peso (Kg/m)
0,034

BAR-002



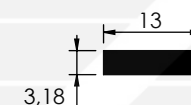
Area (mm²)
105,77
Peso (Kg/m)
0,287

BAR-003



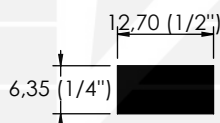
Area (mm²)
30,48
Peso (Kg/m)
0,082

BAR-004



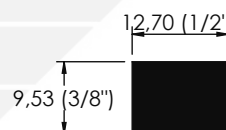
Area (mm²)
41,34
Peso (Kg/m)
0,112

BAR-005



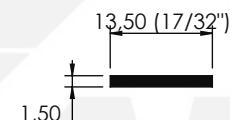
Area (mm²)
80,65
Peso (Kg/m)
0,218

BAR-006



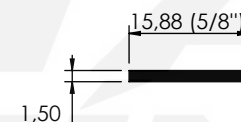
Area (mm²)
121,03
Peso (Kg/m)
0,328

BAR-007



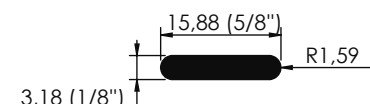
Area (mm²)
20,25
Peso (Kg/m)
0,054

BAR-008



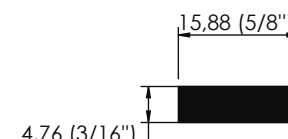
Area (mm²)
23,82
Peso (Kg/m)
0,064

BAR-009



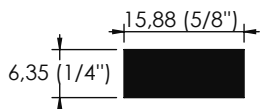
Area (mm²)
48,33
Peso (Kg/m)
0,130

BAR-010



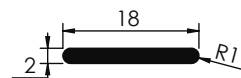
Area (mm²)
75,60
Peso (Kg/m)
0,204

BAR-011



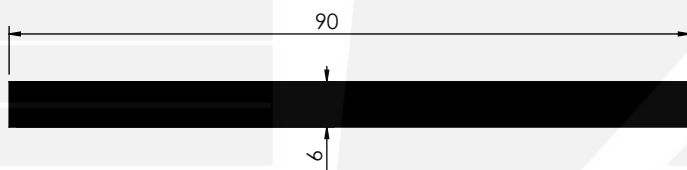
Area (mm²)
100,81
Peso (Kg/m)
0,273

BAR-012



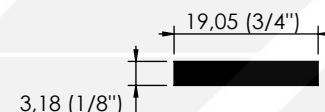
Area (mm²)
35,14
Peso (Kg/m)
0,095

BAR-013



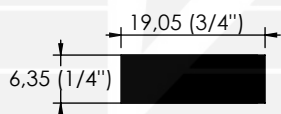
Area (mm²)
540,00
Peso (Kg/m)
1,463

BAR-014



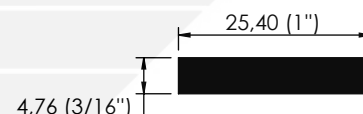
Area (mm²)
60,48
Peso (Kg/m)
0,163

BAR-015



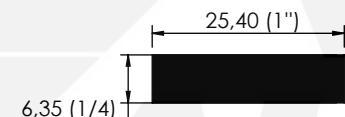
Area (mm²)
120,97
Peso (Kg/m)
0,327

BAR-016



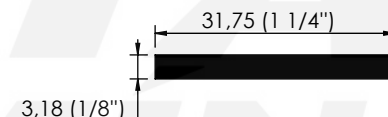
Area (mm²)
120,97
Peso (Kg/m)
0,327

BAR-017



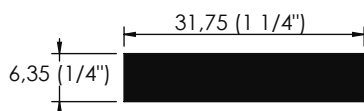
Area (mm²)
161,29
Peso (Kg/m)
0,437

BAR-018



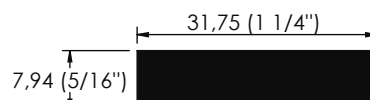
Area (mm²)
100,81
Peso (Kg/m)
0,273

BAR-019



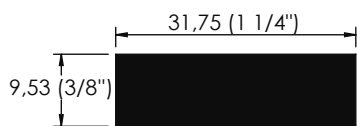
Area (mm²)
201,61
Peso (Kg/m)
0,546

BAR-020



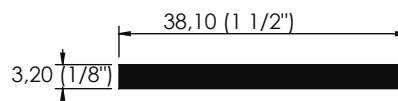
Area (mm²)
252,02
Peso (Kg/m)
0,682

BAR-021



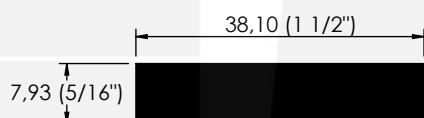
Area (mm²)
302,26
Peso (Kg/m)
0,819

BAR-022



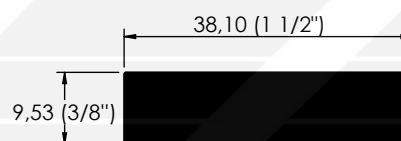
Area (mm²)
121,92
Peso (Kg/m)
0,330

BAR-023



Area (mm²)
302,13
Peso (Kg/m)
0,818

BAR-024



Area (mm²)
362,94
Peso (Kg/m)
0,983

BAR-025



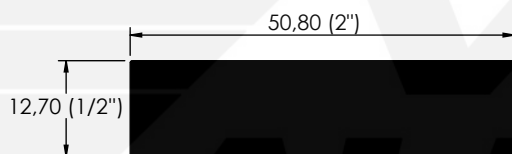
Area (mm²)
483,87
Peso (Kg/m)
1,311

BAR-026



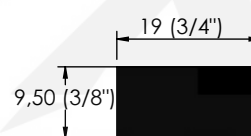
Area (mm²)
360
Peso (Kg/m)
0,975

BAR-027



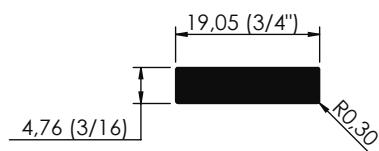
Area (mm²)
645,02
Peso (Kg/m)
1,748

BAR-028



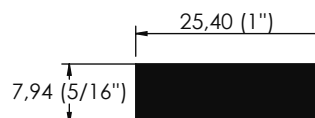
Area (mm²)
180,50
Peso (Kg/m)
0,489

BAR-029



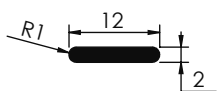
Area (mm²)
90,65
Peso (Kg/m)
0,246

BAR-030



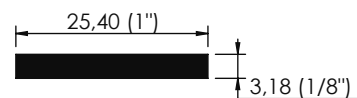
Area (mm²)
201,63
Peso (Kg/m)
0,546

BAR-031



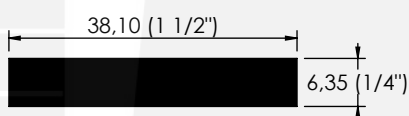
Area (mm²)
23,14
Peso (Kg/m)
0,063

BAR-032



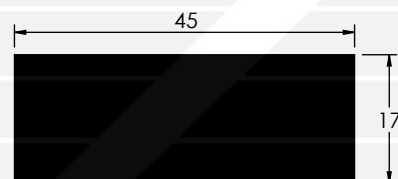
Area (mm²)
80,77
Peso (Kg/m)
0,218

BAR-033



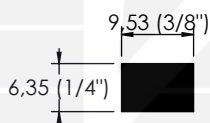
Area (mm²)
241,93
Peso (Kg/m)
0,655

BAR-034



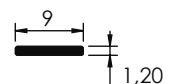
Area (mm²)
765
Peso (Kg/m)
2,073

BAR-035



Area (mm²)
60,48
Peso (Kg/m)
0,164

BAR-036



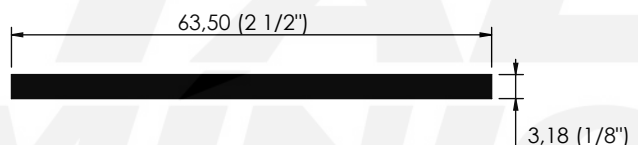
Area (mm²)
10,72
Peso (Kg/m)
0,029

BAR-037



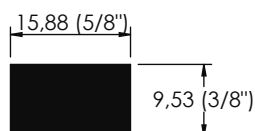
Area (mm²)
31,14
Peso (Kg/m)
0,084

BAR-038



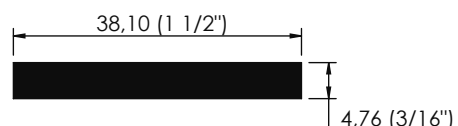
Area (mm²)
201,61
Peso (Kg/m)
0,546

BAR-039



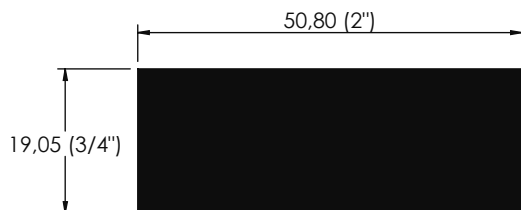
Area (mm²)
151,21
Peso (Kg/m)
0,410

BAR-040



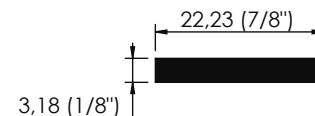
Area (mm²)
181,45
Peso (Kg/m)
0,492

BAR-041



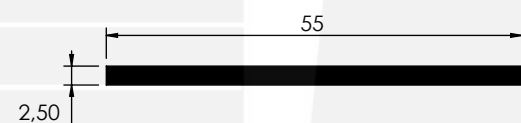
Area (mm²)
967,74
Peso (Kg/m)
2,623

BAR-042



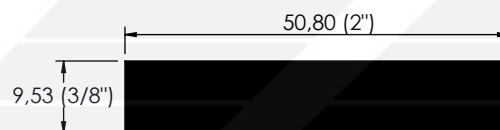
Area (mm²)
70,56
Peso (Kg/m)
0,191

BAR-043



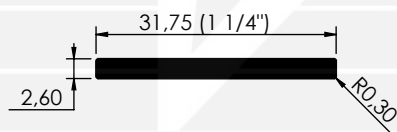
Area (mm²)
137,50
Peso (Kg/m)
0,373

BAR-044



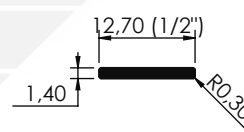
Area (mm²)
483,87
Peso (Kg/m)
1,311

BAR-045



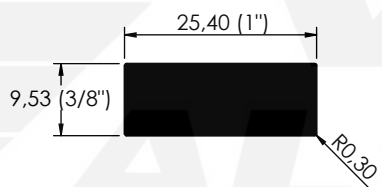
Area (mm²)
82,47
Peso (Kg/m)
0,223

BAR-046



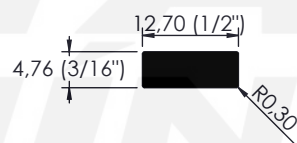
Area (mm²)
17,70
Peso (Kg/m)
0,048

BAR-047



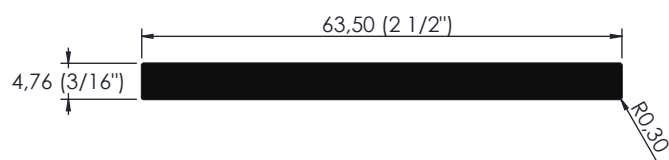
Area (mm²)
241,86
Peso (Kg/m)
0,655

BAR-048



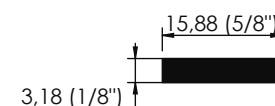
Area (mm²)
60,41
Peso (Kg/m)
0,164

BAR-049



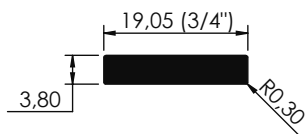
Area (mm²)
302,34
Peso (Kg/m)
0,819

BAR-050



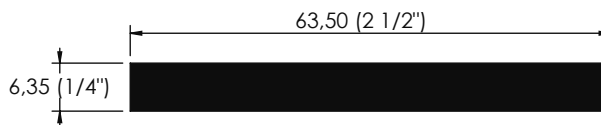
Area (mm²)
50,40
Peso (Kg/m)
0,137

BAR-051



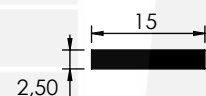
Area (mm²)
72,31
Peso (Kg/m)
0,196

BAR-052



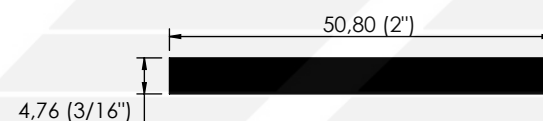
Area (mm²)
403,22
Peso (Kg/m)
1,093

BAR-053



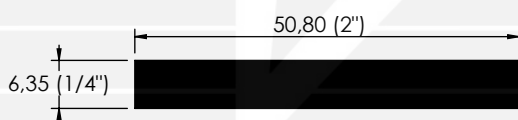
Area (mm²)
37,50
Peso (Kg/m)
0,102

BAR-054



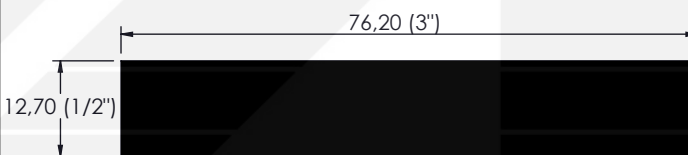
Area (mm²)
241,94
Peso (Kg/m)
0,656

BAR-055



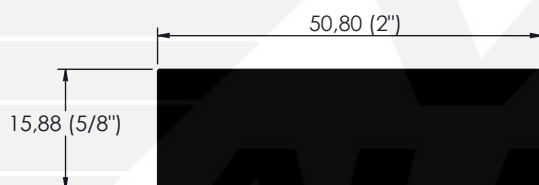
Area (mm²)
322,58
Peso (Kg/m)
0,874

BAR-056



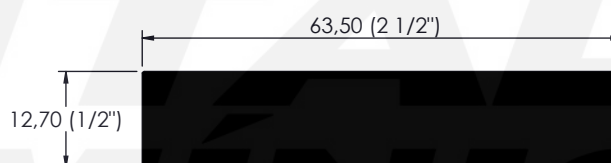
Area (mm²)
967,74
Peso (Kg/m)
2,623

BAR-057



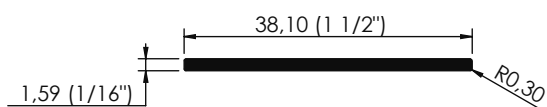
Area (mm²)
806,37
Peso (Kg/m)
2,185

BAR-058



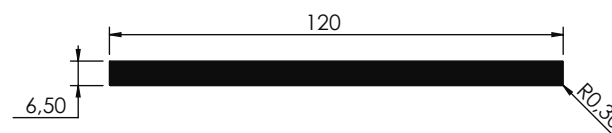
Area (mm²)
806,37
Peso (Kg/m)
2,185

BAR-059



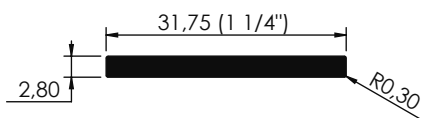
Area (mm²)
60,41
Peso (Kg/m)
0,164

BAR-060



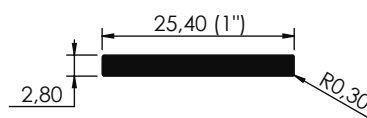
Escala 1:2
Area (mm²)
779,92
Peso (Kg/m)
2,113

BAR-061



Area (mm²)
88,82
Peso (Kg/m)
0,241

BAR-062



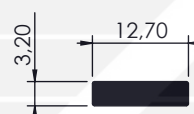
Area (mm²)
71,04
Peso (Kg/m)
0,193

BAR-063



Area (mm²)
45,36
Peso (Kg/m)
0,123

BAR-064



Area (mm²)
41
Peso (Kg/m)
0,109

BAR-065



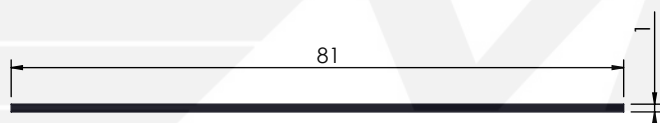
Area (mm²)
87,77
Peso (Kg/m)
0,237

BAR-066



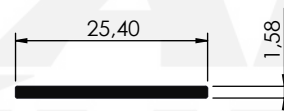
Area (mm²)
271,92
Peso (Kg/m)
0,736

BAR-067



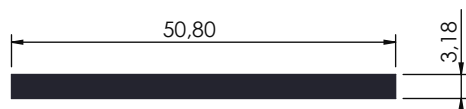
Area (mm²)
81,00
Peso (Kg/m)
0,219

BAR-068



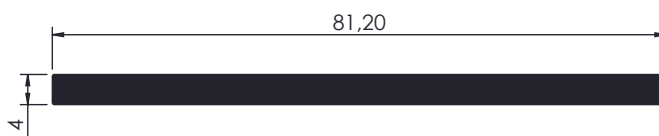
Area (mm²)
40,05
Peso (Kg/m)
0,108

BAR-069



Area (mm²)
161,29
Peso (Kg/m)
0,437

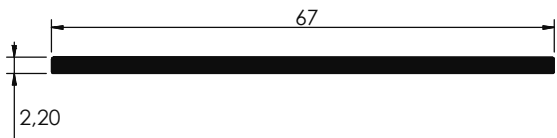
BAR-070



Area (mm²)
324,72
Peso (Kg/m)
0,879

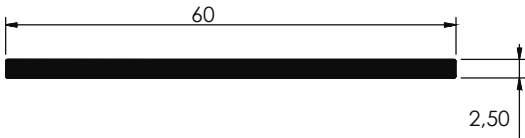
BARRA CHATA

BAR-071



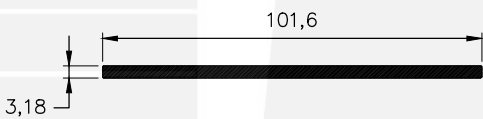
Area (mm²)
147,32
Peso (Kg/m)
0,399

BAR-072



Area (mm²)
149,92
Peso (Kg/m)
0,406

BAR-073



Escala 1:2
Area (mm²)
323
Peso (Kg/m)
0,875

BAR-

Area (mm²)
Peso (Kg/m)

BAR-

Area (mm²)
Peso (Kg/m)

BAR-

Area (mm²)
Peso (Kg/m)

BAR-

Area (mm²)
Peso (Kg/m)

BAR-

Area (mm²)
Peso (Kg/m)

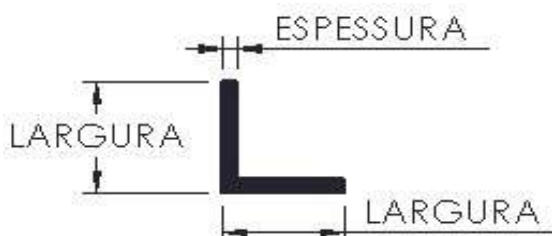
BAR-

Area (mm²)
Peso (Kg/m)

BAR-

Area (mm²)
Peso (Kg/m)

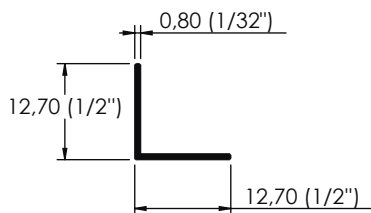
CANTONEIRA



ÍNDICE

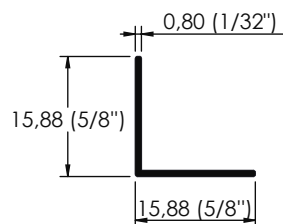
CÓDIGO	LARGURA POLEGADA	ESPESSURA POLEGADA	LARGURA mm	ESPESSURA mm	PESO Kg/m
CANT-001	1/2"	1/32"	12,70	0,80	0,053
CANT-022	1/2" RED.	1/32" RED.	12,70	0,80	0,051
CANT-012	1/2"	*	12,70	1,10	0,072
CANT-015	1/2"	1/16"	12,70	1,58	0,102
CANT-002	5/8"	1/32"	15,88	0,80	0,067
CANT-021	5/8" RED.	1/32" RED.	15,88	0,80	0,065
CANT-013	5/8"	*	15,88	1,10	0,091
CANT-016	5/8"	1/16"	15,88	1,58	0,129
CANT-032	* ESTRIADA	* ESTRIADA	17,49	1,30	0,107
CANT-003	3/4"	1/32"	19,05	0,80	0,081
CANT-019	3/4" RED.	1/32" RED.	19,05	0,80	0,079
CANT-004	3/4"	*	19,05	1,00	0,101
CANT-029	3/4"	*	19,05	1,40	0,139
CANT-005	*	*	20,00	2,00	0,206
VT-454	*	*	23 X 6,50	3,00	0,208
CANT-025	*	*	24,50 X 12,50	2,50	0,234
CANT-034	*	*	24,90 X 17,00	2,20	0,235
CANT-031	* ESTRIADA	* ESTRIADA	24,97	1,20	0,148
CANT-033	1" X 1/2"	1/32"	25,40 X 12,70	0,80	0,081
CANT-006	1"	1/32"	25,40	0,80	0,108
CANT-020	1" RED.	1/32" RED.	25,40	0,80	0,107
CANT-014	1"	*	25,40	1,10	0,148
CANT-028	1"	*	25,40	1,40	0,187
CANT-017	1"	1/16"	25,40	1,58	0,211
CANT-026	1"	1/8"	25,40	3,18	0,410
CANT-007	1 1/4"	3/16"	31,75	4,76	0,758
CANT-023	1 1/2" RED.	*	38,10	1,50	0,300
CANT-027	1 1/2" X 1"	1/8"	38,10 X 25,40	3,18	0,519
CANT-024	1 1/2"	3/16"	38,10	4,76	0,922
CANT-018	2"	1/8"	50,80	3,18	0,847
CANT-008	2"	3/16"	50,80	4,76	1,250
CANT-009	*	*	75 X 25	9,50	2,330
CANT-011	*	*	76,40 X 24,90	6,20	1,594
CANT-035	*	*	100 X 33,3	9,30	3,099
CANT-036	*	*	100 X 34,00	9,50	3,194
CANT-010	*	*	100 X 34,00	9,50	3,205

CANT-001



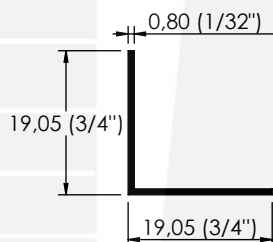
Area (mm²)
19,58
Peso (Kg/m)
0,053

CANT-002



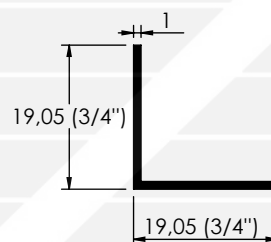
Area (mm²)
24,67
Peso (Kg/m)
0,067

CANT-003



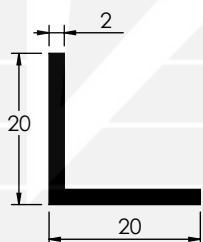
Area (mm²)
29,84
Peso (Kg/m)
0,081

CANT-004



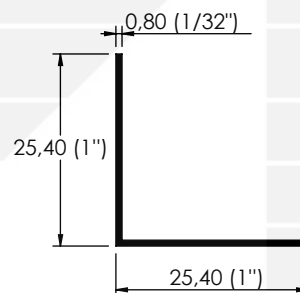
Area (mm²)
37,10
Peso (Kg/m)
0,101

CANT-005



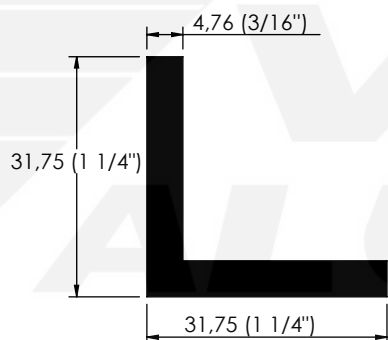
Area (mm²)
76,00
Peso (Kg/m)
0,206

CANT-006



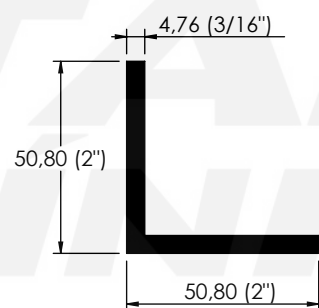
Area (mm²)
40,00
Peso (Kg/m)
0,108

CANT-007



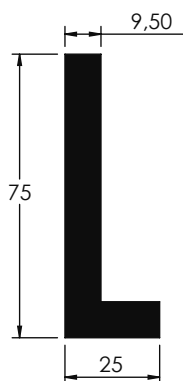
Area (mm²)
279,60
Peso (Kg/m)
0,758

CANT-008



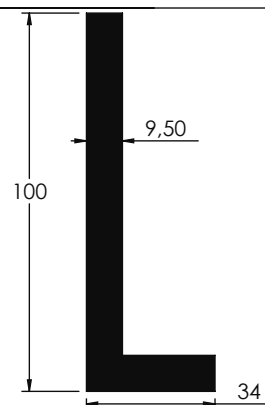
Escala 1:2
Area (mm²)
461,19
Peso (Kg/m)
1,250

CANT-009



Escala 1:2
Area (mm²)
859,75
Peso (Kg/m)
2,330

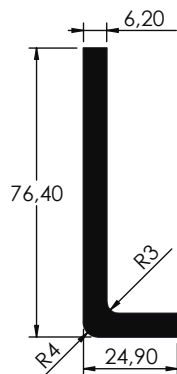
CANT-010



Escala 1:2
Area (mm²)
1.182,75
Peso (Kg/m)
3,205

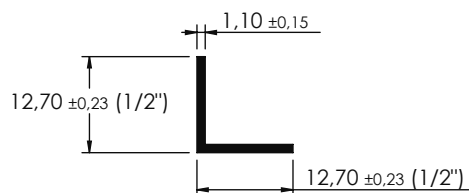
CANT-011

Escala 1:2
Area (mm²)
588,04
Peso (Kg/m)
1,594



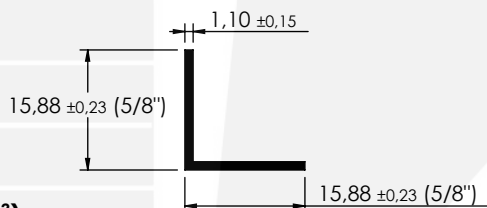
CANT-012

Area (mm²)
26,73
Peso (Kg/m)
0,072



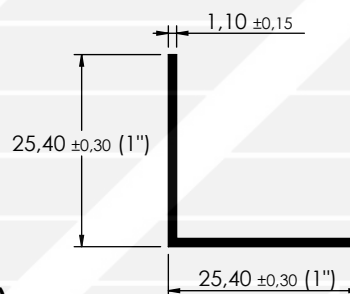
CANT-013

Area (mm²)
33,72
Peso (Kg/m)
0,091



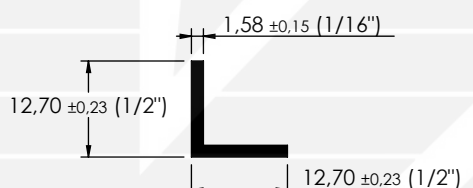
CANT-014

Area (mm²)
54,67
Peso (Kg/m)
0,148



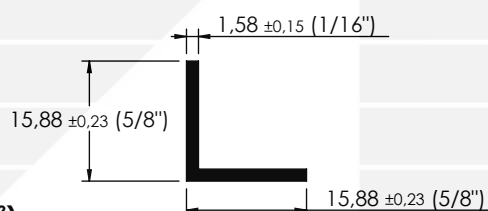
CANT-015

Area (mm²)
37,64
Peso (Kg/m)
0,102



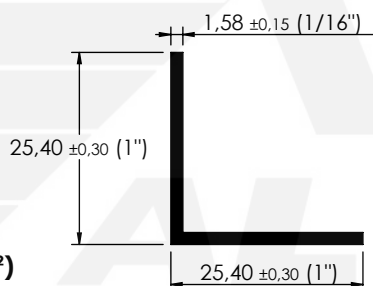
CANT-016

Area (mm²)
47,67
Peso (Kg/m)
0,129



CANT-017

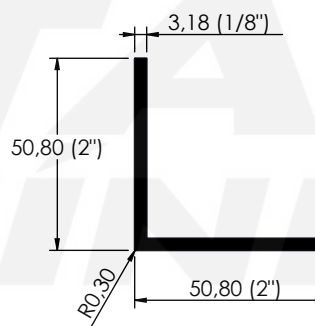
Area (mm²)
77,77
Peso (Kg/m)
0,211



CANT-018

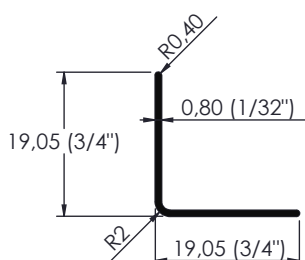
Escala 1:2

Area (mm²)
312,42
Peso (Kg/m)
0,847



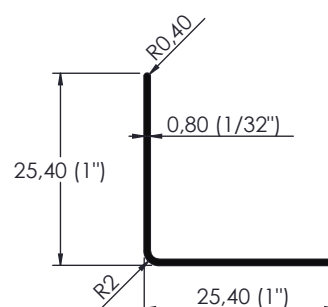
CANT-019

Area (mm²)
29,15
Peso (Kg/m)
0,079

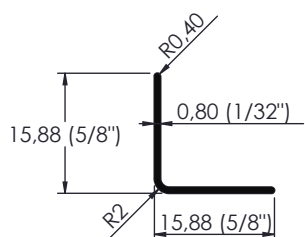


CANT-020

Area (mm²)
39,31
Peso (Kg/m)
0,107

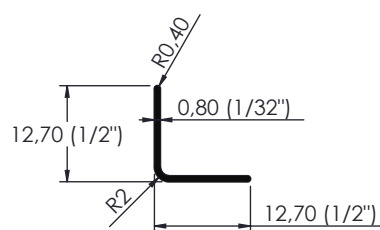


CANT-021



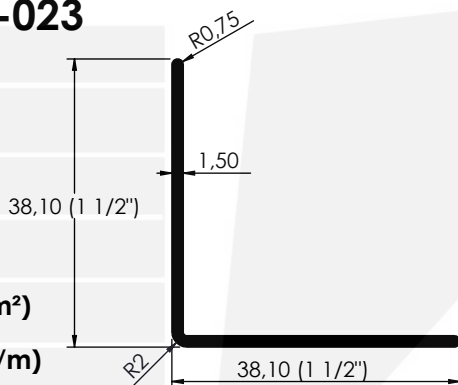
Area (mm²)
24,07
Peso (Kg/m)
0,065

CANT-022



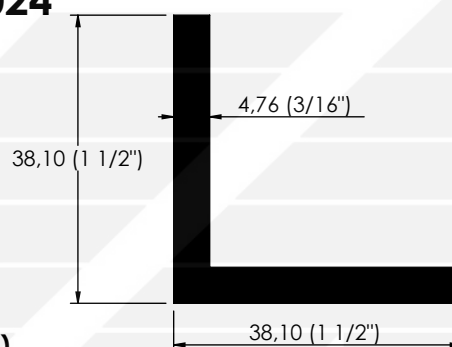
Area (mm²)
18,99
Peso (Kg/m)
0,051

CANT-023



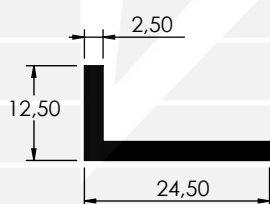
Area (mm²)
110,76
Peso (Kg/m)
0,300

CANT-024



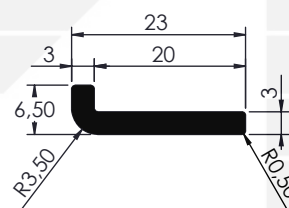
Area (mm²)
340,22
Peso (Kg/m)
0,922

CANT-025



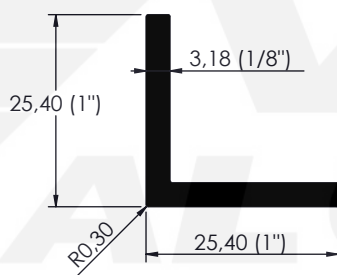
Area (mm²)
86,25
Peso (Kg/m)
0,234

VT-454



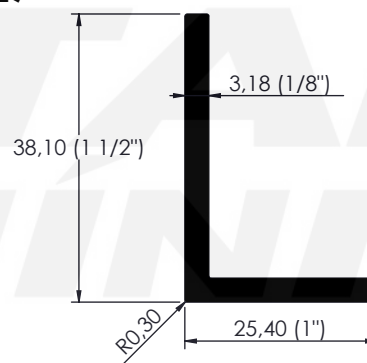
Area (mm²)
76,71
Peso (Kg/m)
0,208

CANT-026



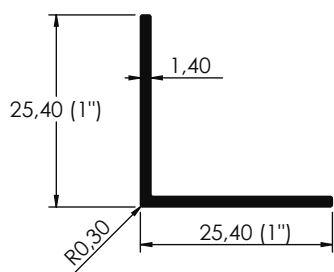
Area (mm²)
151,13
Peso (Kg/m)
0,410

CANT-027



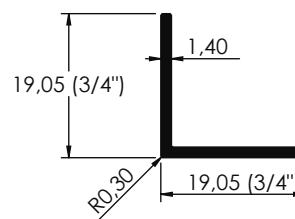
Area (mm²)
191,45
Peso (Kg/m)
0,519

CANT-028



Area (mm²)
69,08
Peso (Kg/m)
0,187

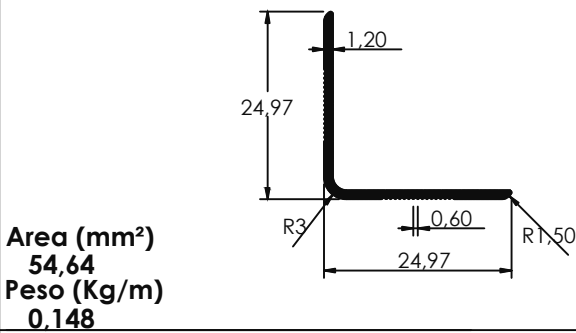
CANT-029



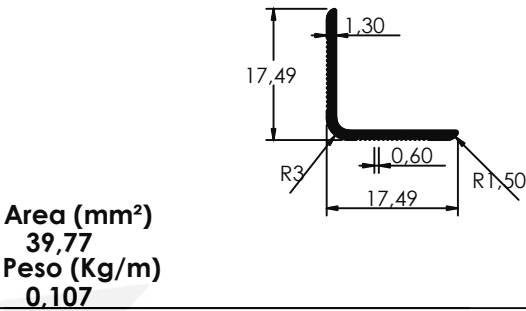
Area (mm²)
51,30
Peso (Kg/m)
0,139

CANTONEIRA

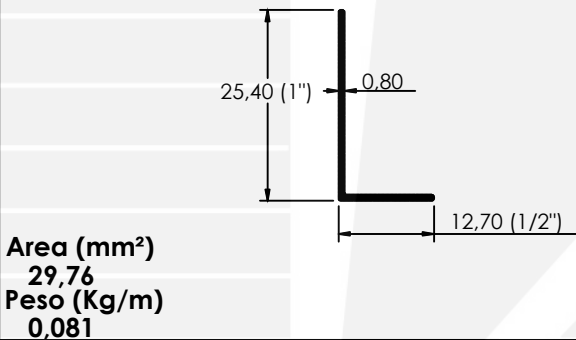
CANT-031



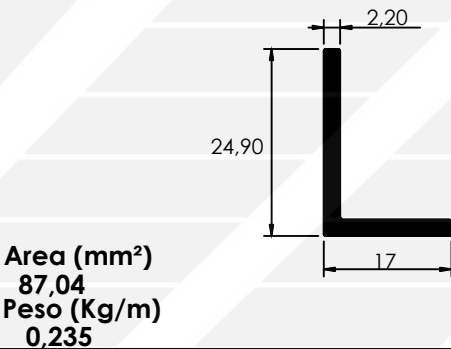
CANT-032



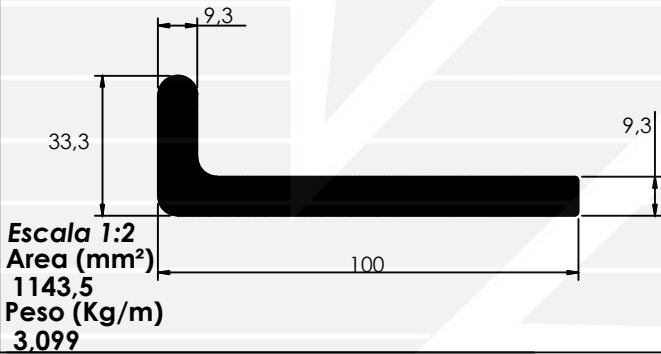
CANT-033



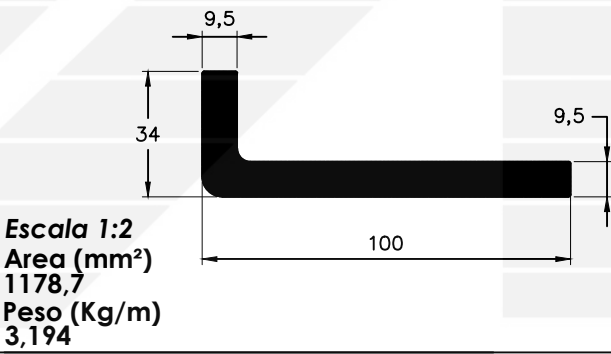
CANT-034



CANT-035



CANT-036



CANT-

Area (mm²)
Peso (Kg/m)

CANT-

Area (mm²)
Peso (Kg/m)

CANT-

Area (mm²)
Peso (Kg/m)

CANT-

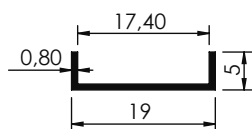
Area (mm²)
Peso (Kg/m)

CANTONEIRA EM U



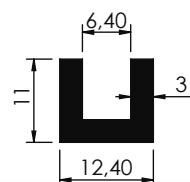
CÓDIGO	ALTURA mm	LARGURA mm	ESPESSURA mm	PESO Kg/m
VT-024	5,00	19,00	0,80	0,059
VT-167	5,00	21,00	1,00	0,079
VT-093	8,00	7,00	0,80	0,046
VT-259	9,65	16,00	2,50	0,205
VT-621	10,00	23,00	2,35	0,244
VT-135	11,00	37,00	0,80	0,124
VT-305	11,00	26,60	0,80	0,102
VT-070	11,00	12,40	3,00	0,230
VT-301	12,70	12,70	1,00	0,098
VT-229	12,70	8,10	1,10	0,089
VT-403	12,70	12,70	1,58	0,150
VT-418	15,70	16,20	1,70	0,204
VT-591	15,87	15,87	1,50	0,181
VT-206	16,00	105,00	2,50	0,887
VT-562	19,00	11,00	0,90	0,115
VT-618	19,00	89,30	1,10	0,371
VT-488	19,05	19,05	5,43 X 5,30	0,678
VT-561	20,00	14,00	0,90	0,127
VT-391	20,00	37,00 GRAU	1,00	0,203
VT-742	21,90	10,90	0,80	0,120
VT-413	22,00	11,00	1,40	0,197
VT-499	22,00	12,70	3,20	0,436
VT-498	22,00	22,00	3,20	0,517
VT-864	22,20	14,80 GRAU	1,20	0,190
VT-869	22,22	12,79 GRAU	1,20	0,184
VT-629	24,00	146,00	7,50	3,638
VT-462	24,80	11,20	1,10	0,173
VT-463	24,80	13,20	1,10	0,179
VT-666	25,00	15,00	0,90	0,154
VT-074	25,00	91,90	1,20	0,453
VT-664	25,30	25,30	1,40	0,277
VT-868	30,00	11,00	1,15	0,188
VT-617	30,00	96,80	1,20 X 1,00	0,468
VT-415	48,00	14,40	1,20	0,350
VT-628	65,00	120,00	10,00	6,233

VT-024



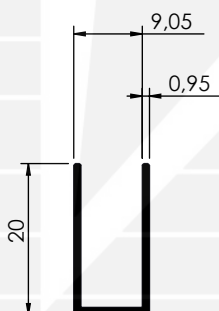
Area (mm²)
21,92
Peso (Kg/m)
0,059

VT-070



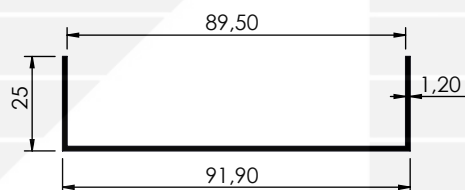
Area (mm²)
85,20
Peso (Kg/m)
0,230

VT-719



Area (mm²)
45,98
Peso (Kg/m)
0,128

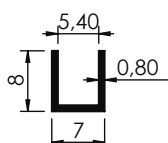
VT-074



Escala 1:2

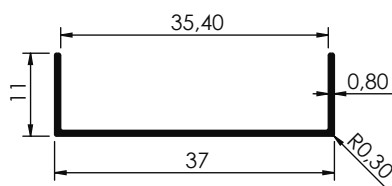
Area (mm²)
167,40
Peso (Kg/m)
0,453

VT-093



Area (mm²)
17,12
Peso (Kg/m)
0,046

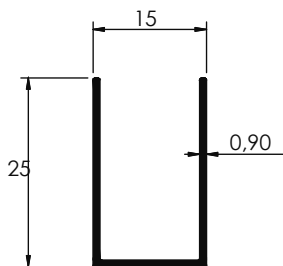
VT-135



Area (mm²)
45,84
Peso (Kg/m)
0,124

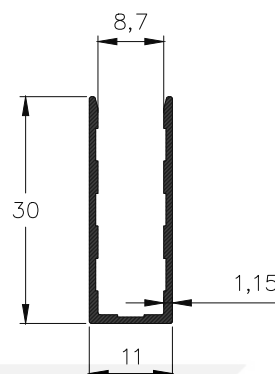
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VT-666



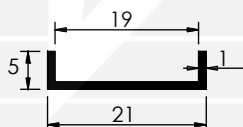
Area (mm²)
56,80
Peso (Kg/m)
0,154

VT-868



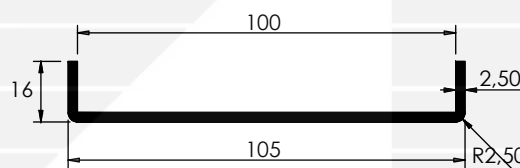
Area (mm²)
69,5
Peso (Kg/m)
0,188

VT-167



Area (mm²)
29,00
Peso (Kg/m)
0,079

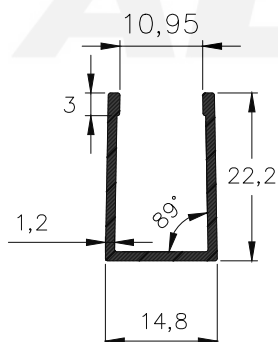
VT-206



Escala 1:2

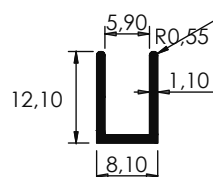
Area (mm²)
327,32
Peso (Kg/m)
0,887

VT-864



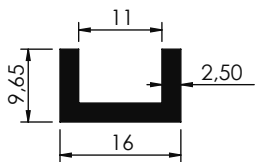
Area (mm²)
70,14
Peso (Kg/m)
0,190

VT-229



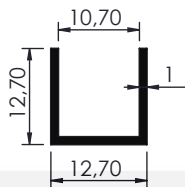
Area (mm²)
32,85
Peso (Kg/m)
0,089

VT-259



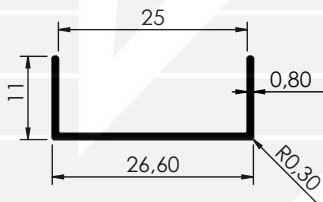
Area (mm²)
75,75
Peso (Kg/m)
0,205

VT-301



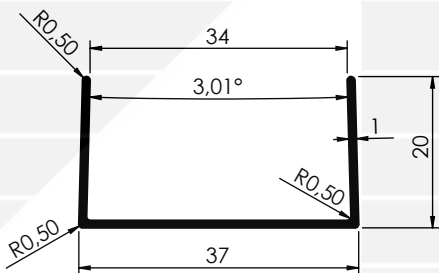
Area (mm²)
36,10
Peso (Kg/m)
0,098

VT-305



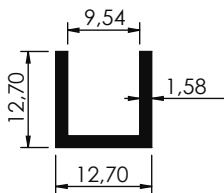
Area (mm²)
37,52
Peso (Kg/m)
0,102

VT-391



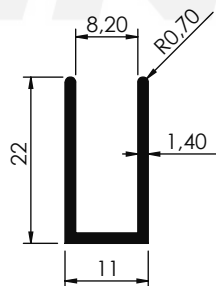
Area (mm²)
74,80
Peso (Kg/m)
0,203

VT-403



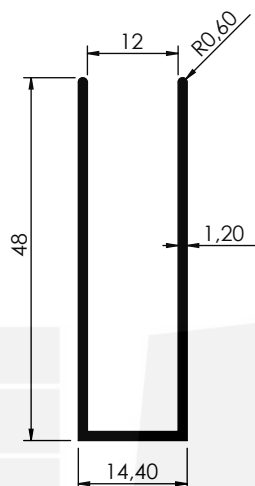
Area (mm²)
55,21
Peso (Kg/m)
0,150

VT-413



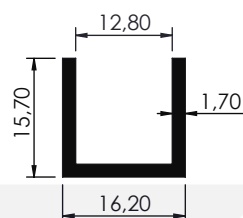
Area (mm²)
72,66
Peso (Kg/m)
0,197

VT-415



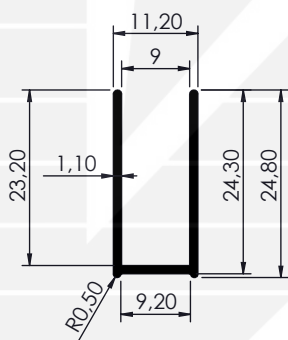
Area (mm²)
129,29
Peso (Kg/m)
0,350

VT-418



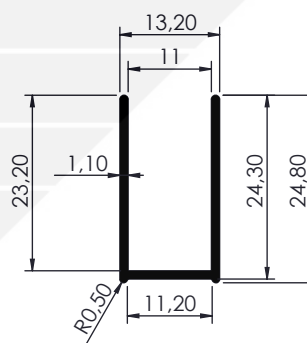
Area (mm²)
75,14
Peso (Kg/m)
0,204

VT-462



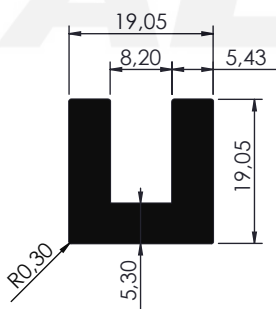
Area (mm²)
63,91
Peso (Kg/m)
0,173

VT-463



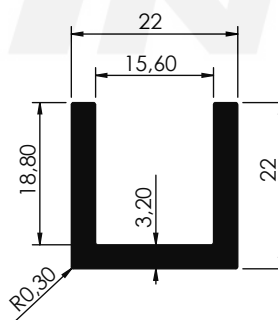
Area (mm²)
66,11
Peso (Kg/m)
0,179

VT-488



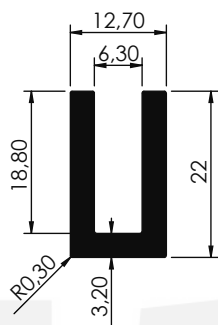
Area (mm²)
250,04
Peso (Kg/m)
0,678

VT-498



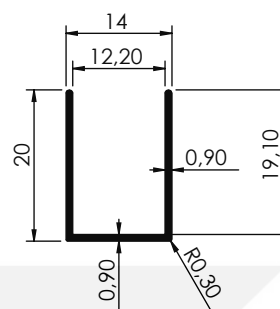
Area (mm²)
190,64
Peso (Kg/m)
0,517

VT-499



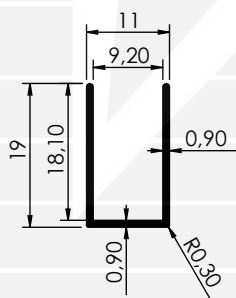
Area (mm²)
160,88
Peso (Kg/m)
0,436

VT-561



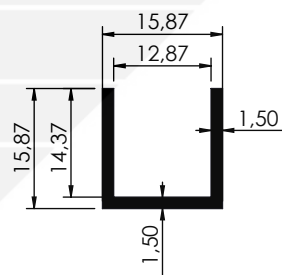
Area (mm²)
46,77
Peso (Kg/m)
0,127

VT-562



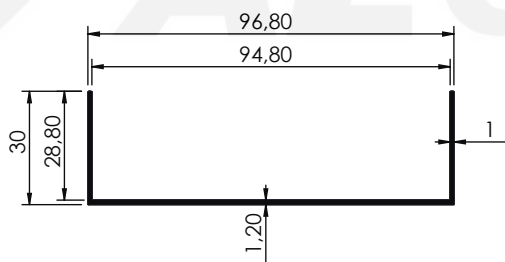
Area (mm²)
42,27
Peso (Kg/m)
0,115

VT-591



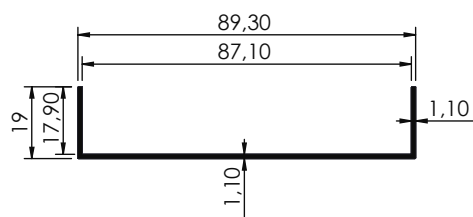
Area (mm²)
66,91
Peso (Kg/m)
0,181

VT-617



Escala 1:2
Area (mm²)
173,64
Peso (Kg/m)
0,468

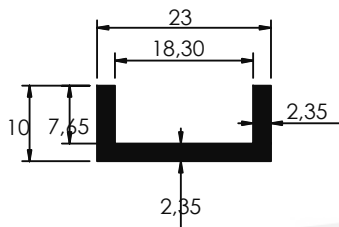
VT-618



Escala 1:2
Area (mm²)
137,50
Peso (Kg/m)
0,371

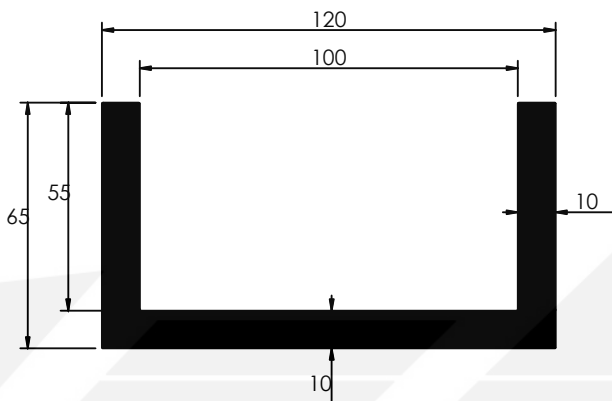
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VT-621



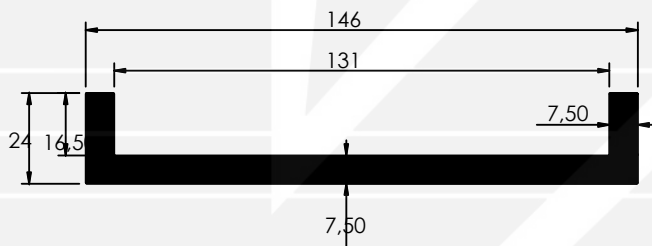
Area (mm²)
90,00
Peso (Kg/m)
0,244

VT-628



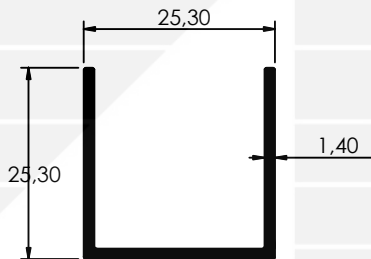
Escala 1:2
Area (mm²)
2.299,92
Peso (Kg/m)
6,233

VT-629



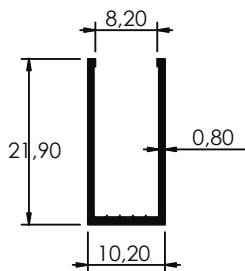
Escala 1:2
Area (mm²)
1.342,42
Peso (Kg/m)
3,638

VT-664



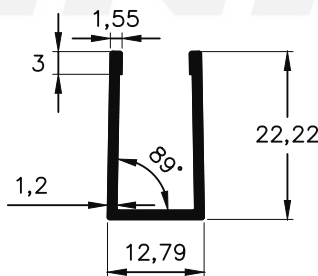
Area (mm²)
102,26
Peso (Kg/m)
0,227

VT-742



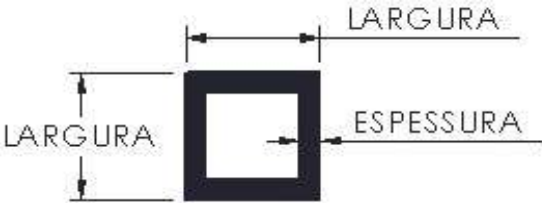
Area (mm²)
44,11
Peso (Kg/m)
0,120

VT-869



Area (mm²)
67,8
Peso (Kg/m)
0,184

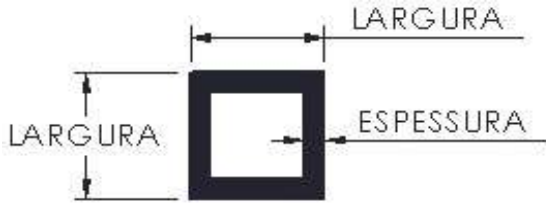
TUBO QUADRADO



ÍNDICE

CÓDIGO	LARGURA POLEGADA	ESPESSURA POLEGADA	LARGURA mm	ESPESSURA mm	PESO Kg/m
TUQ-036	*	*	9,50	1,00	0,092
TUQ-013	*	1/16"	9,60	1,58	0,137
TUQ-022	*	*	10,10	1,00	0,093
TUQ-016	*	1/32"	12,50	0,80	0,101
TUQ-001	1/2"	1/32"	12,70	0,80	0,103
TUQ-002	1/2"	*	12,70	1,20	0,150
TUQ-020	1/2"	1/16"	12,70	1,58	0,190
TUQ-003	1/2"	1/8"	12,70	3,18	0,328
TUQ-030	*	1/32"	13,80	0,80	0,113
TUQ-033	*	1/32"	14,00	0,80	0,114
TUQ-004	5/8"	1/32"	15,88	0,80	0,131
TUQ-005	5/8"	1/16"	15,88	1,58	0,245
TUQ-017	*	*	16,00	1,00	0,163
TUQ-012	3/4"	1/16"	19,05	1,58	0,299
TUQ-031	*	1/16"	19,90	1,58	0,290
TUQ-043	*	*	20,00	0,80	0,166
TUQ-025	*	*	20,00	1,10	0,225
TUQ-006	*	*	20,00	1,40	0,284
TUQ-021	*	*	20,00	2,30	0,441
TUQ-018	7/8"	*	22,22	5,00	0,933
TUQ-047	*	*	23,00	0,80	0,192
TUQ-039	*	1/32"	24,50	0,80	0,205
TUQ-038	*	1/32"	25,00	0,80	0,210
TUQ-024	*	*	25,00	1,10	0,285
TUQ-028	1"	1/32"	25,40	0,80	0,213
TUQ-041	1"	*	25,40	1,20	0,315
TUQ-032	1"	*	25,40	1,35	0,352
TUQ-046	1"	*	25,40	1,50	0,373
TUQ-007	1"	1/16"	25,40	1,58	0,408
TUQ-019	1"	*	25,40	2,00	0,507
TUQ-015	*	*	30,00	1,20	0,375
TUQ-008	*	1/16"	30,00	1,58	0,487
TUQ-026	*	*	35,00	2,00	0,715
TUQ-035	*	*	38,00	1,10	0,440
TUQ-009	1 1/2"	1/16"	38,10	1,58	0,625
TUQ-014	1 1/2"	*	38,10	2,80	1,071
TUQ-029	*	*	50,00	1,20	0,635
TUQ-010	*	1/16""	50,00	1,58	0,829

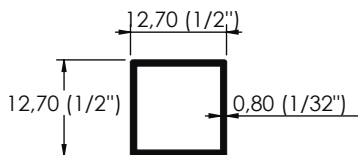
TUBO QUADRADO



CÓDIGO	LARGURA POLEGADA	ESPESSURA POLEGADA	LARGURA mm	ESPESSURA mm	PESO Kg/m
TUQ-027	*	*	50,00	2,00	1,040
TUQ-034	*	1/8"	50,00	3,18	1,611
TUQ-040	2"	*	50,80	1,00	0,540
TUQ-037	*	*	60,00	3,50	2,140
TUQ-023	3"	1/16"	76,20	1,58	1,284
TUQ-011	3"	*	76,20	2,00	1,608

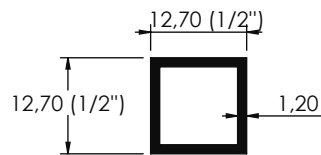
VITAL
ALUMÍNIO

TUQ-001



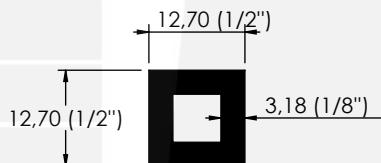
Area (mm²)
38,00
Peso (Kg/m)
0,103

TUQ-002



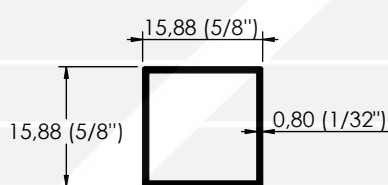
Area (mm²)
55,20
Peso (Kg/m)
0,150

TUQ-003



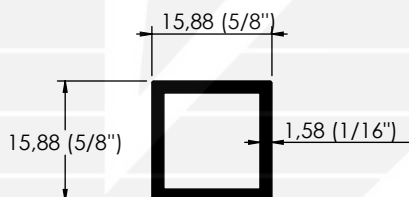
Area (mm²)
120,97
Peso (Kg/m)
0,328

TUQ-004



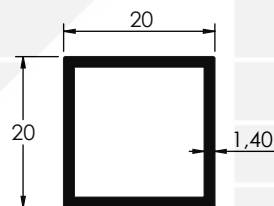
Area (mm²)
48,18
Peso (Kg/m)
0,131

TUQ-005



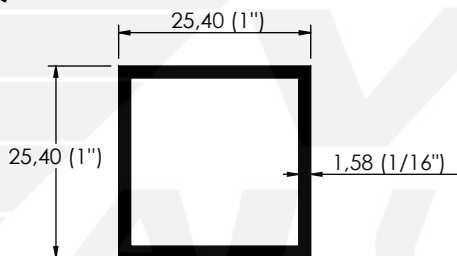
Area (mm²)
90,30
Peso (Kg/m)
0,245

TUQ-006



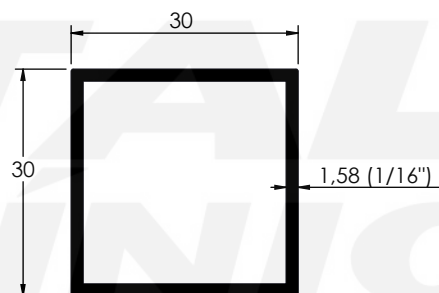
Area (mm²)
104,08
Peso (Kg/m)
0,284

TUQ-007



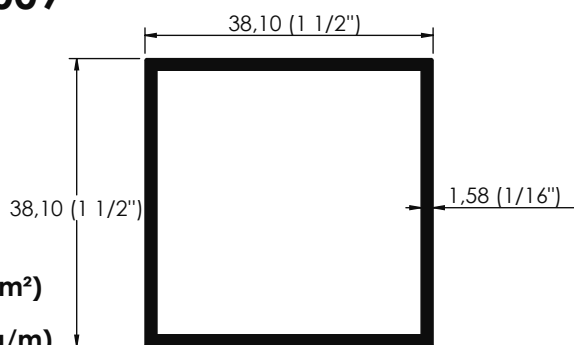
Area (mm²)
150,54
Peso (Kg/m)
0,408

TUQ-008



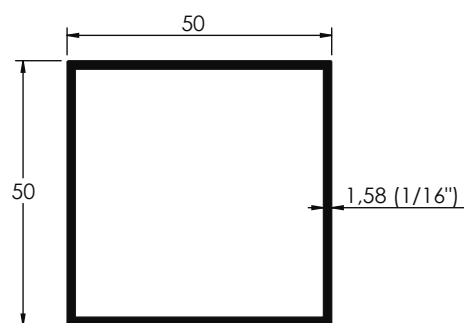
Area (mm²)
179,54
Peso (Kg/m)
0,487

TUQ-009



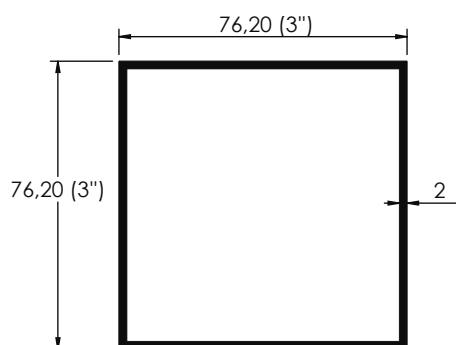
Area (mm²)
230,73
Peso (Kg/m)
0,625

TUQ-010



Area (mm²)
306,01
Peso (Kg/m)
0,829

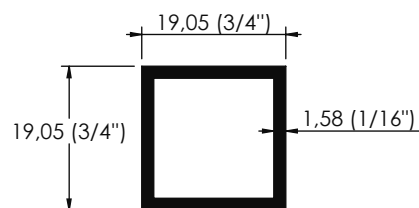
TUQ-011



Escala 1:2

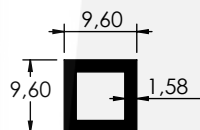
Area (mm²)
593,52
Peso (Kg/m)
1,608

TUQ-012



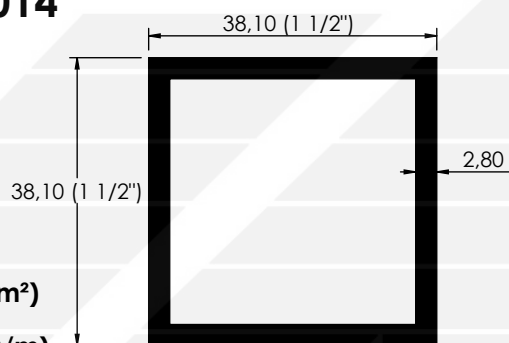
Area (mm²)
110,41
Peso (Kg/m)
0,299

TUQ-013



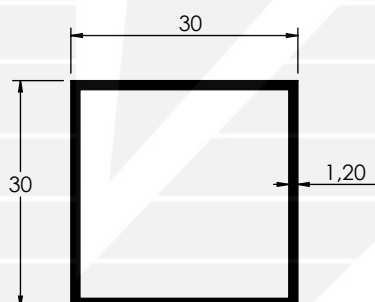
Area (mm²)
50,69
Peso (Kg/m)
0,137

TUQ-014



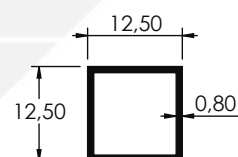
Area (mm²)
395,36
Peso (Kg/m)
1,071

TUQ-015



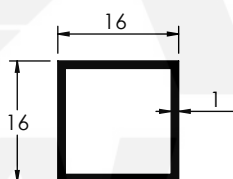
Area (mm²)
138,24
Peso (Kg/m)
0,375

TUQ-016



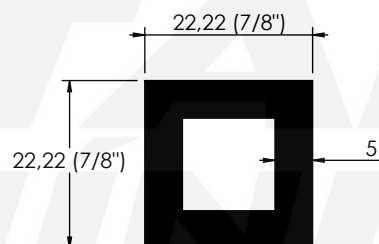
Area (mm²)
37,44
Peso (Kg/m)
0,101

TUQ-017



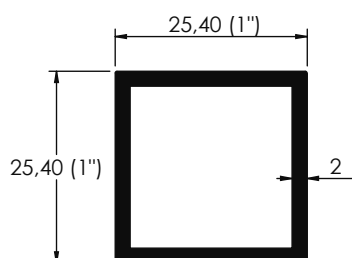
Area (mm²)
60,00
Peso (Kg/m)
0,163

TUQ-018



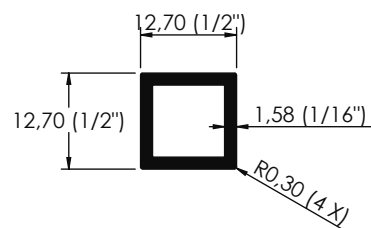
Area (mm²)
344,40
Peso (Kg/m)
0,933

TUQ-019



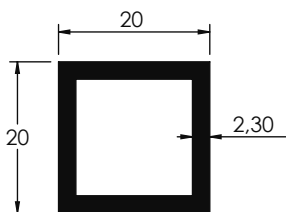
Area (mm²)
187,12
Peso (Kg/m)
0,507

TUQ-020



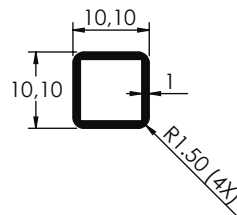
Area (mm²)
70,20
Peso (Kg/m)
0,190

TUQ-021



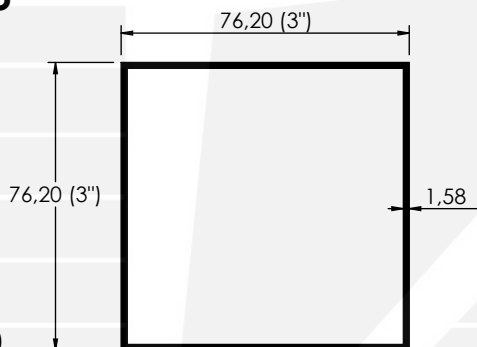
Area (mm²)
162,84
Peso (Kg/m)
0,441

TUQ-022



Area (mm²)
34,47
Peso (Kg/m)
0,093

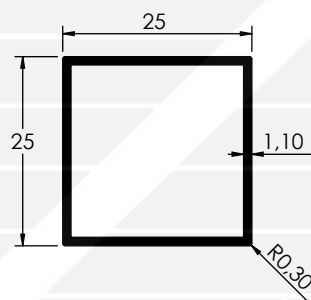
TUQ-023



Escala 1:2

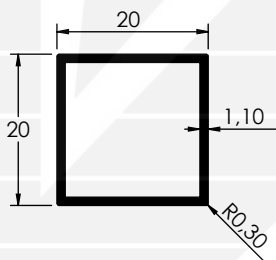
Area (mm²)
473,79
Peso (Kg/m)
1,284

TUQ-024



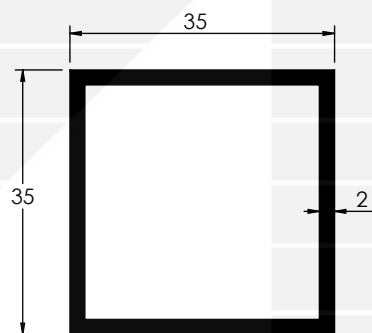
Area (mm²)
105,08
Peso (Kg/m)
0,285

TUQ-025



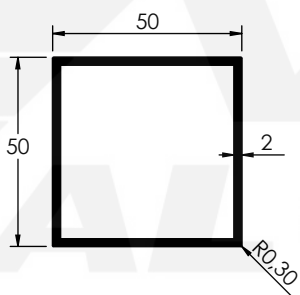
Area (mm²)
83,08
Peso (Kg/m)
0,225

TUQ-026



Area (mm²)
264,00
Peso (Kg/m)
0,715

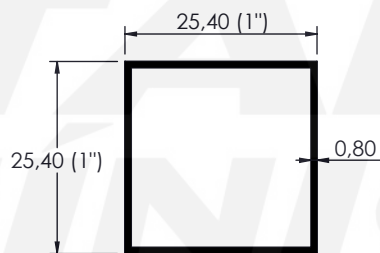
TUQ-027



Escala 1:2

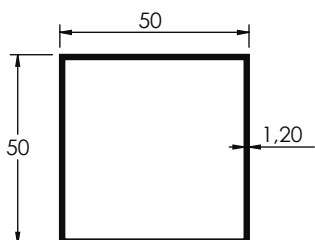
Area (mm²)
383,92
Peso (Kg/m)
1,040

TUQ-028



Area (mm²)
78,72
Peso (Kg/m)
0,213

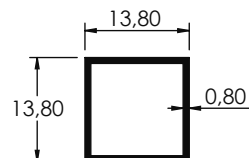
TUQ-029



Escala 1:2

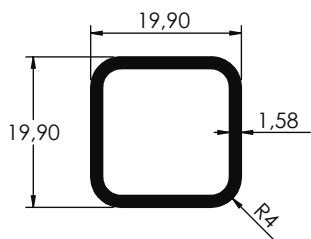
Area (mm²)
234,24
Peso (Kg/m)
0,635

TUQ-030



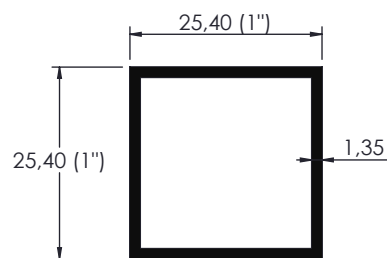
Area (mm²)
41,60
Peso (Kg/m)
0,113

TUQ-031



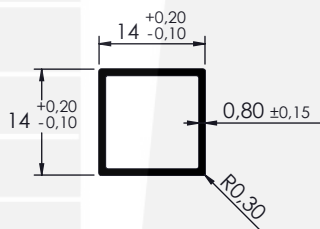
Area (mm²)
107,08
Peso (Kg/m)
0,290

TUQ-032



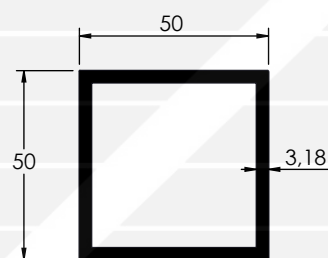
Area (mm²)
129,87
Peso (Kg/m)
0,352

TUQ-033



Area (mm²)
42,24
Peso (Kg/m)
0,114

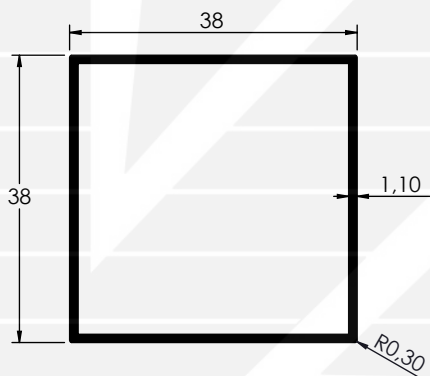
TUQ-034



Escala 1:2

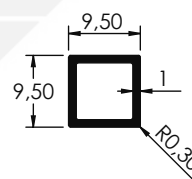
Area (mm²)
594,60
Peso (Kg/m)
1,611

TUQ-035



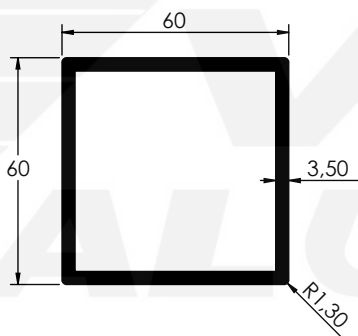
Area (mm²)
162,28
Peso (Kg/m)
0,440

TUQ-036



Area (mm²)
34,00
Peso (Kg/m)
0,092

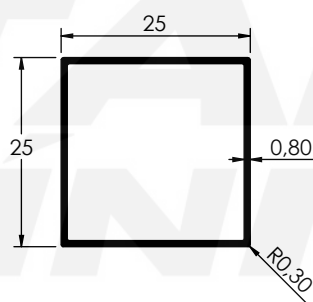
TUQ-037



Escala 1:2

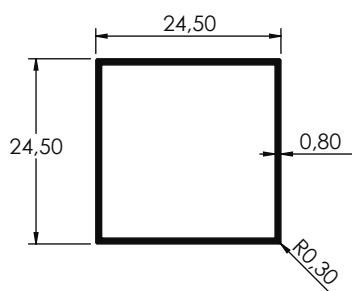
Area (mm²)
789,55
Peso (Kg/m)
2,140

TUQ-038



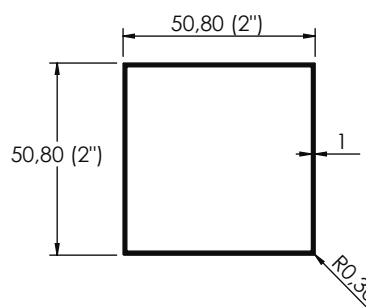
Area (mm²)
77,44
Peso (Kg/m)
0,210

TUQ-039



Area (mm²)
75,76
Peso (Kg/m)
0,205

TUQ-040



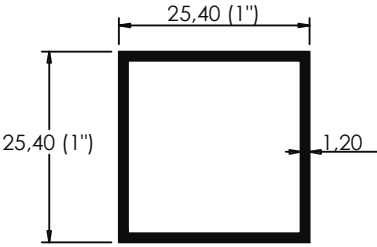
Escala 1:2

Area (mm²)
199,20
Peso (Kg/m)
0,540

TUBO QUADRADO

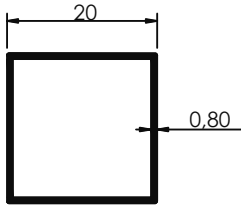
INDICE

TUQ-041



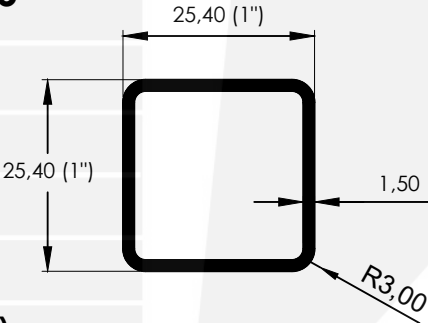
Area (mm²)
116,16
Peso (Kg/m)
0,315

TUQ-043



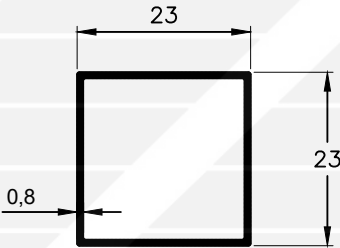
Area (mm²)
61,36
Peso (Kg/m)
0,166

TUQ-046



Area (mm²)
137,6
Peso (Kg/m)
0,373

TUQ-47



Area (mm²)
71
Peso (Kg/m)
0,192

TUQ-

Area (mm²)
Peso (Kg/m)

TUQ-

Area (mm²)
Peso (Kg/m)

TUQ-

Area (mm²)
Peso (Kg/m)

TUQ-038

Area (mm²)
Peso (Kg/m)

TUQ-

Area (mm²)
Peso (Kg/m)

TUQ-

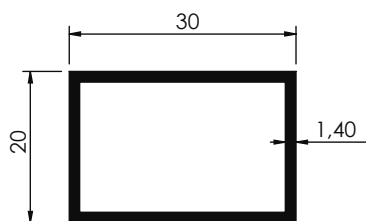
Area (mm²)
Peso (Kg/m)

RETANGULARES



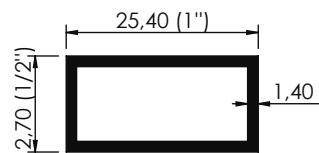
CÓDIGO	ALTURA POLEGADA	LARGURA POLEGADA	ESPESSURA POLEGADA	ALTURA mm	LARGURA mm	ESPESSURA mm	PESO Kg/m
VT-139	*	5/8"	1/32"	7,70	15,88	0,80	0,095
VT-245	*	*	*	8,80	13,40	0,80	0,089
VT-129	3/8"	*	*	9,52	53,00	1,40	0,453
VT-417	*	*	*	10,00	20,00	1,20	0,166
VT-246	1/2"	*	*	12,70	17,70	1,00	0,153
VT-594	1/2"	3/4"	*	12,70	19,05	1,60	0,247
VT-671	*	*	*	12,70	25,40	1,00	0,196
VT-011	1/2"	1"	*	12,70	25,40	1,40	0,268
VT-115	1/2"	1"	1/16"	12,70	25,40	1,58	0,299
VT-198	1/2"	*	*	12,70	50,40	1,00	0,331
VT-257	1/2"	*	1/16"	12,70	50,40	1,58	0,513
VT-830	*	*	*	12,80	17,80	2,00	0,143
VT-023	5/8"	1 1/4"	1/16"	15,88	31,75	1,58	0,381
VT-829	*	*	*	17,20	22,00	2,00	0,187
VT-201	*	*	*	20,00	30,20	1,00	0,261
VT-009	*	*	*	20,00	30,00	1,40	0,358
VT-840	*	*	*	20,00	50,00	1,50	0,551
VT-251	*	*	*	22,80	28,50	0,85	0,211
VT-098	REFORÇADA	*	1/32"	23,00	46,00	0,80	0,339
VT-291	*	*	1/32"	23,00	46,00	0,80	0,292
VT-067	*	*	*	25,00	50,00	1,60	0,622
VT-092	*	*	1/8"	25,00	50,00	3,18	1,181
VT-697	*	*	*	25,40	38,10	2,00	0,645
VT-100	1"	2"	1/32"	25,40	50,80	0,80	0,323
VT-101	REFORÇADA	2"	1/32"	25,40	50,80	0,80	0,375
VT-570	REFORÇADA	2"	*	25,40	50,80	1,00	0,422
VT-872	1"	2"	*	25,40	50,80	1,05	0,488
VT-180	1"	2"	*	25,40	50,80	1,10	0,441
VT-122	1"	2"	*	25,40	50,80	1,20	0,521
VT-832	1"	2"	*	25,40	50,80	1,35	0,538
VT-120	1"	3"	*	25,40	76,20	1,45	0,775
VT-026	1"	1 1/2'	1/16"	25,40	38,10	1,58	0,517
VT-181	1"	2"	*	25,40	50,80	2,00	0,783
VT-464	*	*	*	38,00	60,00	1,30	0,672
VT-468	1 1/2"	3"	*	38,10	76,20	1,20	0,728
VT-469	REFORÇADA	3"	*	38,10	76,20	1,20	0,780
VT-862	1 1/2"	*	*	38,10	101,60	1,60	1,183
VT-700	REFORÇADA	*	*	40,00	20,00	0,95	0,346
VT-495	*	*	*	50,00	100,00	1,20	0,960
VT-527	*	*	1/16"	50,00	100,00	1,58	1,257

VT-009



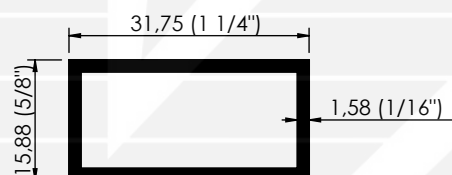
Area (mm²)
132,16
Peso (Kg/m)
0,358

VT-011



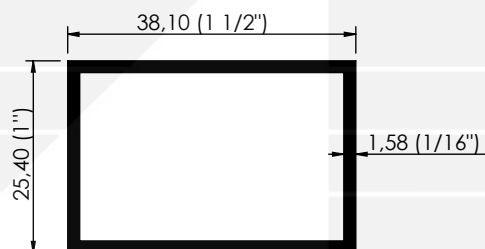
Area (mm²)
98,84
Peso (Kg/m)
0,268

VT-023



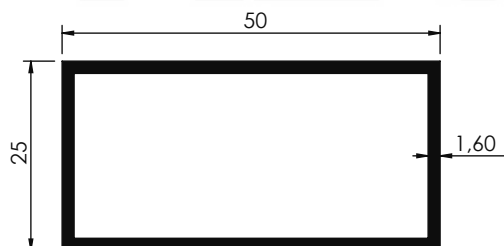
Area (mm²)
140,51
Peso (Kg/m)
0,381

VT-026



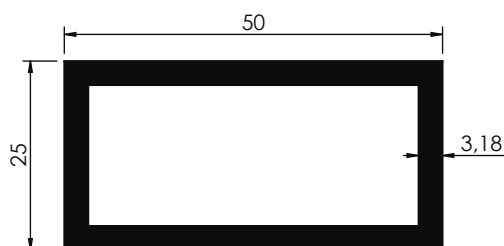
Area (mm²)
190,67
Peso (Kg/m)
0,517

VT-067



Area (mm²)
229,76
Peso (Kg/m)
0,622

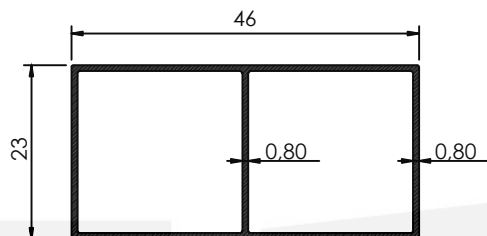
VT-092



Area (mm²)
435,93
Peso (Kg/m)
1,181

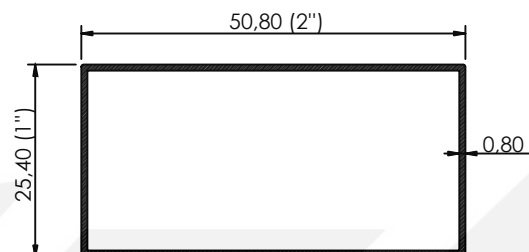
RETANGULARES

VT-098



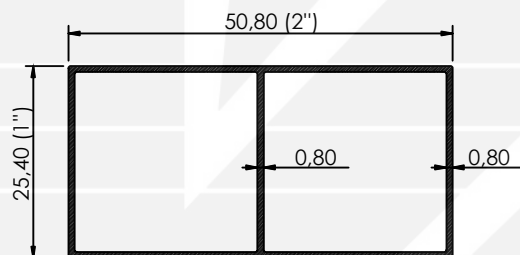
Area (mm²)
125,04
Peso (Kg/m)
0,339

VT-100



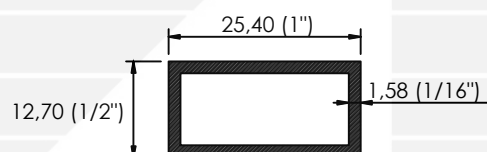
Area (mm²)
119,28
Peso (Kg/m)
0,323

VT-101



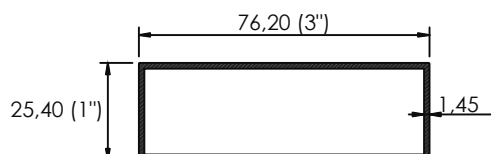
Area (mm²)
138,48
Peso (Kg/m)
0,375

VT-115



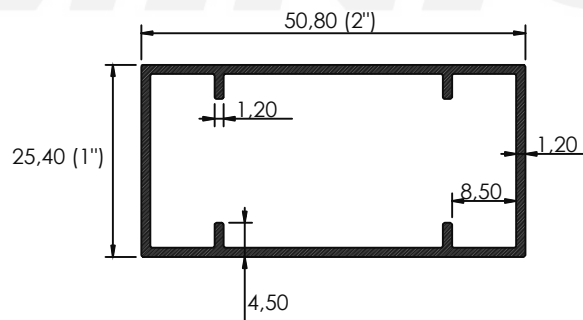
Area (mm²)
110,41
Peso (Kg/m)
0,299

VT-120



Escala 1:2
Area (mm²)
296,15
Peso (Kg/m)
0,775

VT-122



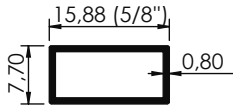
Area (mm²)
192,96
Peso (Kg/m)
0,521

VT-129



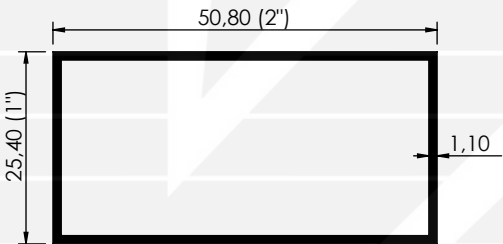
Area (mm²)
167,14
Peso (Kg/m)
0,453

VT-139



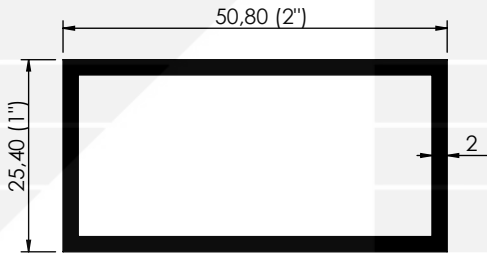
Area (mm²)
35,09
Peso (Kg/m)
0,095

VT-180



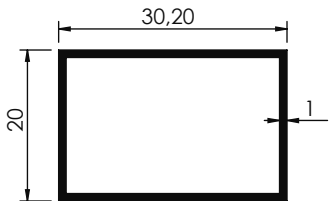
Area (mm²)
162,80
Peso (Kg/m)
0,441

VT-181



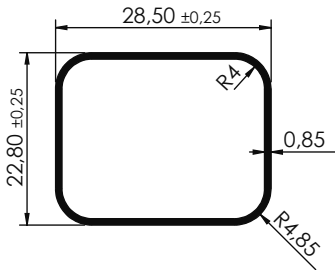
Area (mm²)
288,80
Peso (Kg/m)
0,783

VT-201



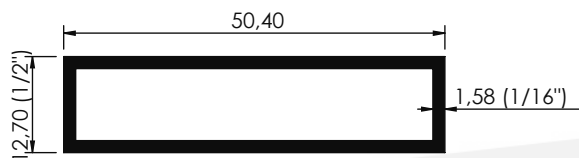
Area (mm²)
96,40
Peso (Kg/m)
0,261

VT-251



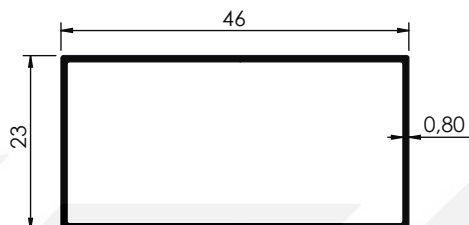
Area (mm²)
77,86
Peso (Kg/m)
0,211

VT-257



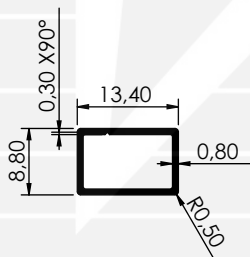
Area (mm²)
189,41
Peso (Kg/m)
0,513

VT-291



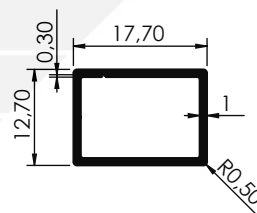
Area (mm²)
107,84
Peso (Kg/m)
0,292

VT-245



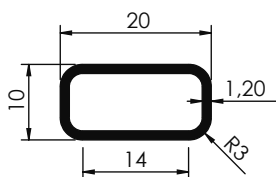
Area (mm²)
32,73
Peso (Kg/m)
0,089

VT-246



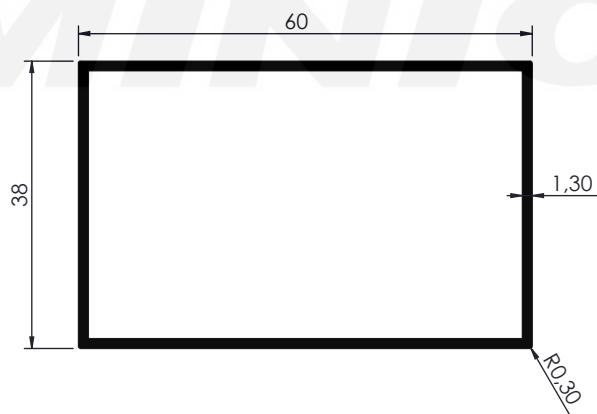
Area (mm²)
56,57
Peso (Kg/m)
0,153

VT-417



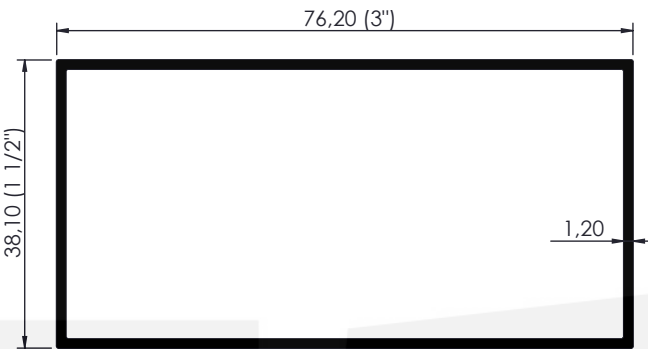
Area (mm²)
61,30
Peso (Kg/m)
0,166

VT-464



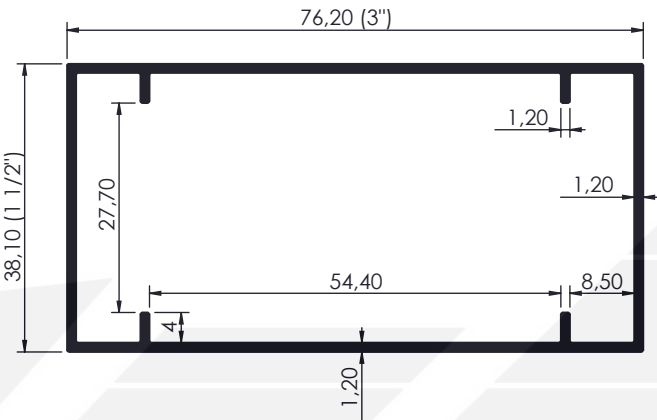
Area (mm²)
247,96
Peso (Kg/m)
0,672

VT-468



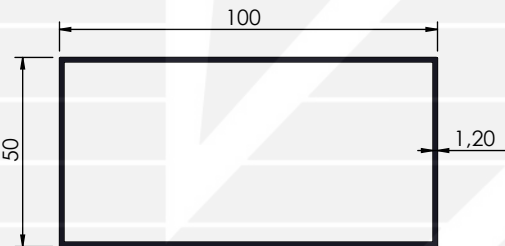
Area (mm²)
268,56
Peso (Kg/m)
0,728

VT-469



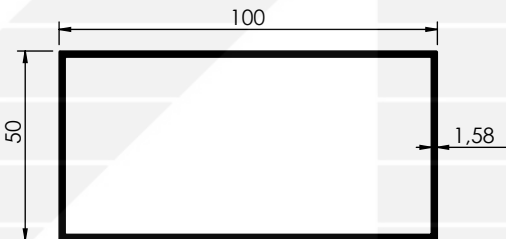
Area (mm²)
287,76
Peso (Kg/m)
0,780

VT-495



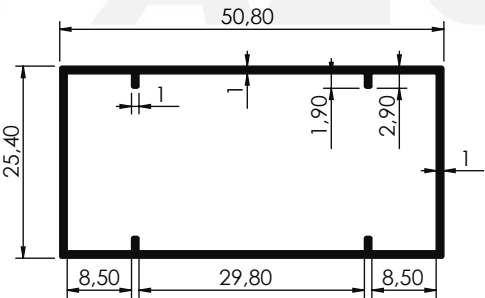
Escala 1:2
Area (mm²)
354,24
Peso (Kg/m)
0,960

VT-527



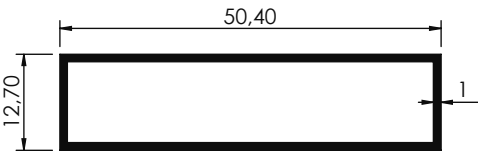
Escala 1:2
Area (mm²)
464,01
Peso (Kg/m)
1,257

VT-570



Area (mm²)
155,77
Peso (Kg/m)
0,422

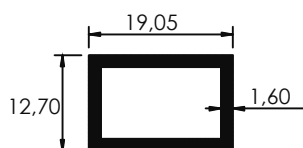
VT-198



Area (mm²)
122,20
Peso (Kg/m)
0,331

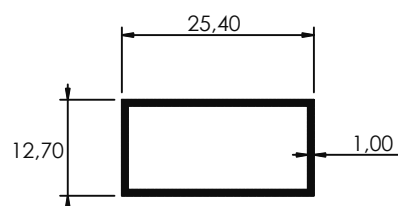
RETANGULARES

VT-594



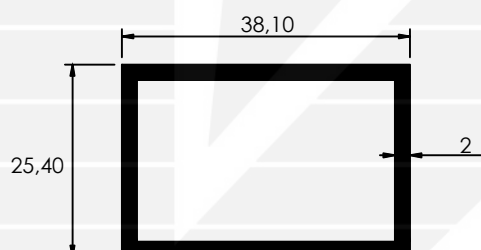
Area (mm²)
91,36
Peso (Kg/m)
0,247

VT-671



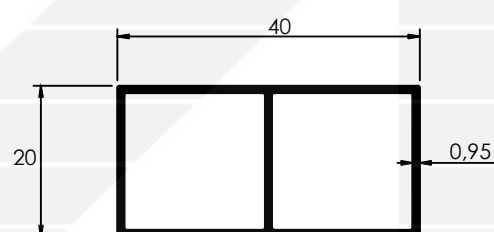
Area (mm²)
72,2
Peso (Kg/m)
0,196

VT-697



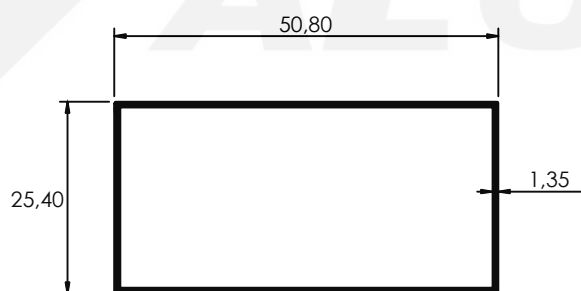
Area (mm²)
238
Peso (Kg/m)
0,645

VT-700



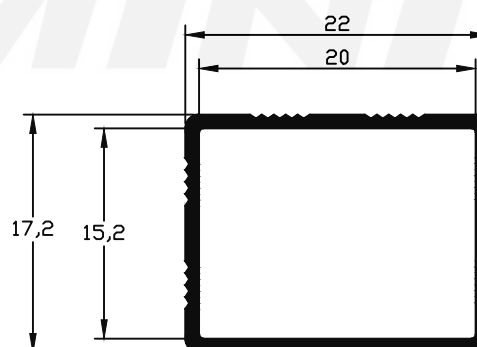
Area (mm²)
127,65
Peso (Kg/m)
0,346

VT-832



Area (mm²)
198,7
Peso (Kg/m)
0,538

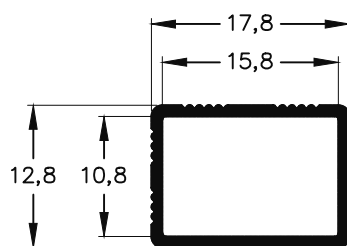
VT-829



Area (mm²)
69,1
Peso (Kg/m)
0,187

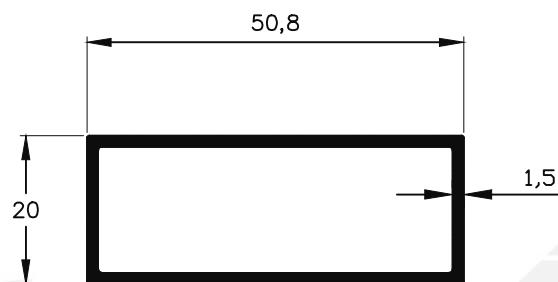
RETANGULARES

VT-830



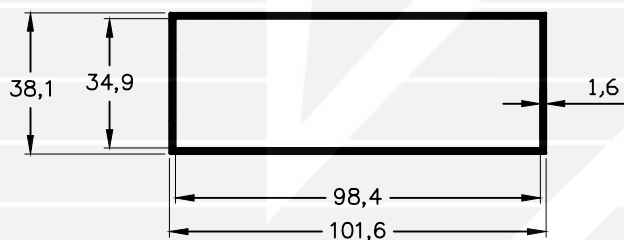
Area (mm²)
52,9
Peso (Kg/m)
0,143

VT-840



Area (mm²)
203,5
Peso (Kg/m)
0,551

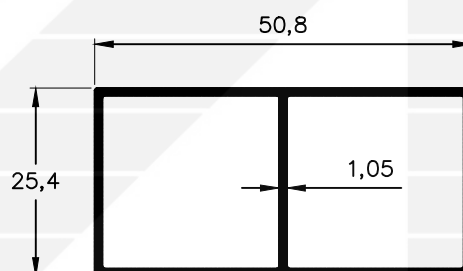
VT-862



Escala 1:0.5

Area (mm²)
436,8
Peso (Kg/m)
1,183

VT-872



Area (mm²)
180,15
Peso (Kg/m)
0,488

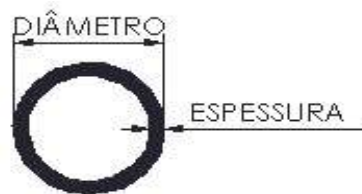
VT-

Area (mm²)
Peso (Kg/m)

VT-

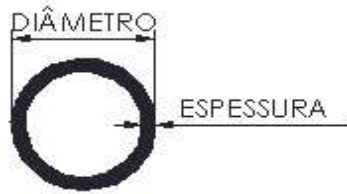
Area (mm²)
Peso (Kg/m)

TUBO REDONDO



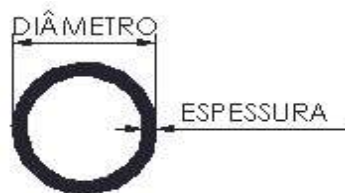
CÓDIGO	DIÂMETRO POLEGADA	ESPESSURA POLEGADA	DIÂMETRO mm	ESPESSURA mm	PESO Kg/m
TUB-001	5/16"	*	7,94	1,00	0,059
TUB-107	*	*	7,94	1,75	0,092
TUB-100	*	*	9,00	1,50	0,095
TUB-047	3/8"	*	9,53	1,00	0,073
TUB-039	3/8"	*	9,53	1,10	0,079
TUB-038	3/8"	1/16"	9,53	1,58	0,107
TUB-091	3/8"	*	9,53	2,01	0,129
TUB-003	3/8"	*	9,53	2,38	0,145
TUB-004	3/8"	*	9,53	2,66	0,156
TUB-002	3/8"	*	9,53	3,02	0,167
TUB-061	3/8"	*	9,53	3,15	0,171
TUB-060	*	*	11,00	1,20	0,100
TUB-112	*	*	12,00	1,50	0,134
TUB-046	*	*	12,50	1,00	0,098
TUB-101	*	*	12,70	1,00	0,100
TUB-040	1/2"	*	12,70	1,20	0,117
TUB-005	1/2"	1/16"	12,70	1,58	0,150
TUB-071	1/2"	*	12,70	3,60	0,279
TUB-076	9/16"	*	14,29	1,00	0,113
TUB-106	*	*	15,00	0,80	0,097
TUB-044	*	1/8"	15,00	3,18	0,320
TUB-045	*	*	15,10	1,23	0,145
TUB-083	5/8"	1/32"	15,88	0,80	0,103
TUB-007	5/8"	*	15,88	1,00	0,127
TUB-082	5/8"	*	15,88	1,20	0,150
TUB-054	5/8"	*	15,88	1,30	0,161
TUB-006	5/8"	1/16"	15,88	1,58	0,192
TUB-105	*	*	15,88	3,00	0,335
TUB-103	*	*	15,88	3,17	0,343
TUB-113	*	*	19,00	6,80	0,706
TUB-012	3/4"	1/32"	19,05	0,80	0,124
TUB-055	3/4"	*	19,05	1,00	0,154
TUB-011	3/4"	*	19,05	1,20	0,182
TUB-086	3/4"	*	19,05	1,40	0,210
TUB-010	3/4"	1/16"	19,05	1,58	0,234
TUB-008	3/4"	1/8"	19,05	3,18	0,429
TUB-052	3/4"	*	19,05	4,77	0,580
TUB-069	3/4"	*	19,05	5,53	0,636

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CÓDIGO	DIÂMETRO POLEGADA	ESPESSURA POLEGADA	DIÂMETRO mm	ESPESSURA mm	PESO Kg/m
TUB-078	3/4"	*	19,05	7,43	0,735
TUB-072	*	1/32"	21,00	0,80	0,138
TUB-115	*	1/16"	21,08	1,58	0,272
TUB-085	7/8"	1/32"	22,22	0,80	0,146
TUB-056	7/8"	*	22,22	1,00	0,181
TUB-014	7/8"	*	22,22	1,20	0,215
TUB-013	7/8"	1/16"	22,22	1,58	0,278
TUB-049	7/8"	*	22,22	2,50	0,420
TUB-089	7/8"	1/8"	22,22	3,18	0,515
TUB-080	7/8"	*	22,22	7,01	0,908
TUB-118	*	*	23,00	1,50	0,274
TUB-114	*	*	23,00	2,20	0,389
TUB-119	*	*	23,20	1,00	0,189
TUB-065	1"	1/32"	25,40	0,80	0,168
TUB-020	1"	*	25,40	1,00	0,208
TUB-019	1"	*	25,40	1,20	0,247
TUB-018	1"	1/16"	25,40	1,58	0,320
TUB-017	1"	*	25,40	2,00	0,398
TUB-041	1"	*	25,40	2,80	0,539
TUB-016	1"	*	25,40	3,00	0,572
TUB-087	1"	*	25,40	5,70	0,956
TUB-015	1"	*	25,40	8,70	1,237
TUB-075	*	*	26,60	2,80	0,567
TUB-116	*	*	27,50	2,50	0,532
TUB-067	*	*	28,40	1,00	0,233
TUB-023	1 1/8"	1/32"	28,58	0,80	0,189
TUB-021	1 1/8"	*	28,58	1,30	0,302
TUB-042	1 1/8"	1/16"	28,58	1,58	0,363
TUB-088	1 1/8"	1/8"	28,58	3,18	0,687
TUB-077	1 1/8"	*	28,58	5,00	1,004
TUB-024	*	*	30,00	2,00	0,477
TUB-074	*	*	31,10	2,15	0,530
TUB-066	1 1/4"	1/32"	31,75	0,80	0,211
TUB-027	1 1/4"	*	31,75	1,00	0,262
TUB-009	1 1/4"	*	31,75	1,20	0,312
TUB-026	1 1/4"	1/16"	31,75	1,58	0,406
TUB-102	*	*	31,75	2,00	0,506
TUB-094	1 1/4"	*	31,75	2,20	0,553
TUB-051	1 1/4"	*	31,75	2,38	0,595
TUB-025	1 1/4"	*	31,75	3,00	0,734
TUB-079	1 1/4"	*	31,75	5,00	1,139
TUB-117	*	*	32,10	1,90	0,488

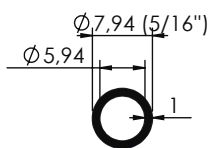
TUBO REDONDO



ÍNDICE

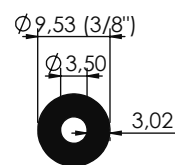
CÓDIGO	DIÂMETRO POLEGADA	ESPESSURA POLEGADA	DIÂMETRO mm	ESPESSURA mm	PESO Kg/m
TUB-109	*	*	33,50	3,75	0,949
TUB-030	*	*	33,52	2,36	0,626
TUB-092	*	*	35,00	1,00	0,289
TUB-110	*	*	35,00	2,00	0,561
TUB-048	*	*	37,00	2,15	0,638
TUB-093	*	*	37,40	1,60	0,488
TUB-099	*	*	38,10	0,80	0,254
TUB-028	1 1/2"	*	38,10	1,20	0,377
TUB-029	1 1/2"	*	38,10	1,50	0,467
TUB-053	1 1/2"	*	38,10	1,80	0,556
TUB-068	1 1/2"	*	38,10	2,40	0,729
TUB-057	1 1/2"	*	38,10	3,00	0,896
TUB-108	*	*	40,00	4,15	1,266
TUB-059	*	*	41,00	2,00	0,664
TUB-050	*	*	42,20	4,50	1,444
TUB-111	*	*	42,80	2,40	0,825
TUB-031	*	*	43,70	2,60	0,910
TUB-063	*	*	44,00	5,30	1,746
TUB-073	*	*	44,50	1,50	0,549
TUB-032	*	*	45,80	3,65	1,310
TUB-033	*	*	47,00	6,75	2,313
TUB-096	*	*	47,30	1,60	0,623
TUB-070	2"	1/32"	50,80	0,80	0,341
TUB-034	2"	*	50,80	1,20	0,507
TUB-043	2"	1/16"	50,80	1,58	0,662
TUB-022	2"	*	50,80	2,40	0,989
TUB-064	2"	1/8"	50,80	3,18	1,287
TUB-037	2"	*	50,80	3,60	1,447
TUB-081	2"	*	50,80	4,00	1,594
TUB-062	*	*	56,50	13,25	4,878
TUB-097	2 1/2"	*	63,50	1,00	0,532
TUB-058	2 1/2"	*	63,50	2,00	1,047
TUB-084	2 1/2"	1/2"	63,50	12,70	5,493
TUB-104	*	*	63,50	15,88	6,436
TUB-095	*	*	72,00	1,60	0,959
TUB-035	3"	1/16"	76,20	1,58	1,004
VT-789	*	*	76,80	2,00	1,274

TUB-001



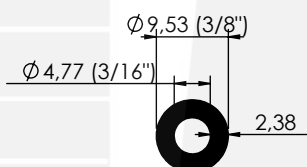
Area (mm²)
21,80
Peso (Kg/m)
0,059

TUB-002



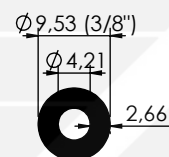
Area (mm²)
61,71
Peso (Kg/m)
0,167

TUB-003



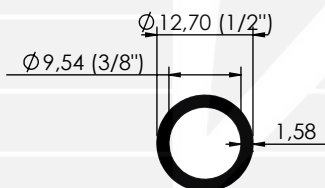
Area (mm²)
53,46
Peso (Kg/m)
0,145

TUB-004



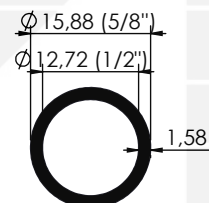
Area (mm²)
57,41
Peso (Kg/m)
0,156

TUB-005



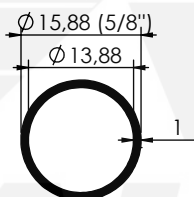
Area (mm²)
55,20
Peso (Kg/m)
0,150

TUB-006



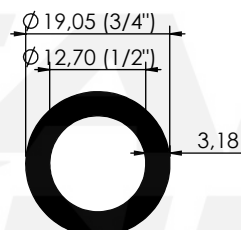
Area (mm²)
70,98
Peso (Kg/m)
0,192

TUB-007



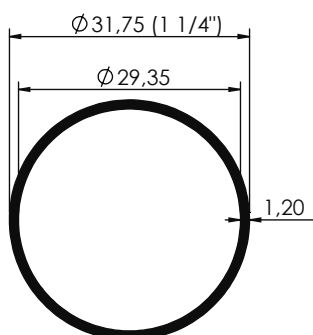
Area (mm²)
46,75
Peso (Kg/m)
0,127

TUB-008



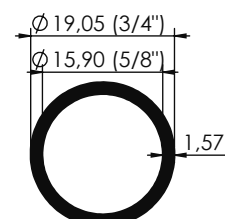
Area (mm²)
158,35
Peso (Kg/m)
0,429

TUB-009



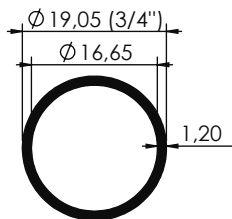
Area (mm²)
115,17
Peso (Kg/m)
0,312

TUB-010



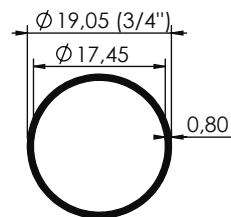
Area (mm²)
86,41
Peso (Kg/m)
0,234

TUB-011



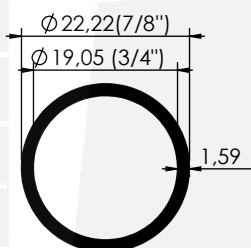
Area (mm²)
67,29
Peso (Kg/m)
0,182

TUB-012



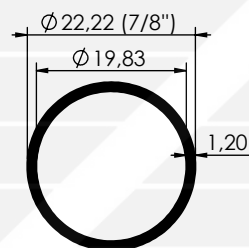
Area (mm²)
45,87
Peso (Kg/m)
0,124

TUB-013



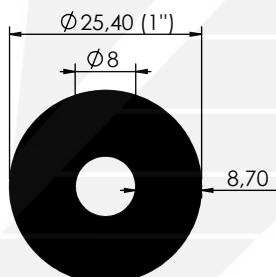
Area (mm²)
102,75
Peso (Kg/m)
0,278

TUB-014



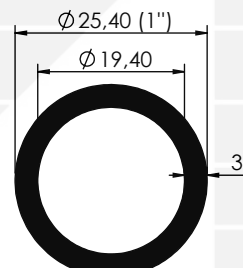
Area (mm²)
79,26
Peso (Kg/m)
0,215

TUB-015



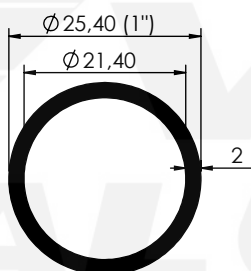
Area (mm²)
456,44
Peso (Kg/m)
1,237

TUB-016



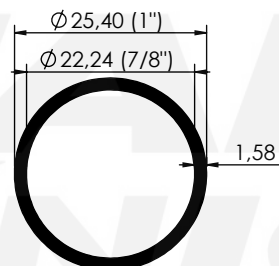
Area (mm²)
211,12
Peso (Kg/m)
0,572

TUB-017



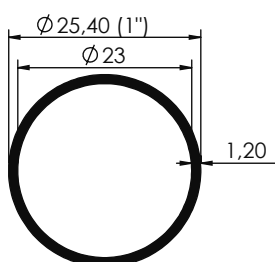
Area (mm²)
147,03
Peso (Kg/m)
0,398

TUB-018



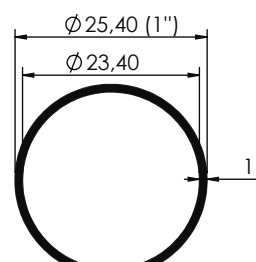
Area (mm²)
118,24
Peso (Kg/m)
0,320

TUB-019



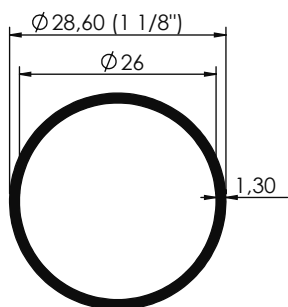
Area (mm²)
91,23
Peso (Kg/m)
0,247

TUB-020



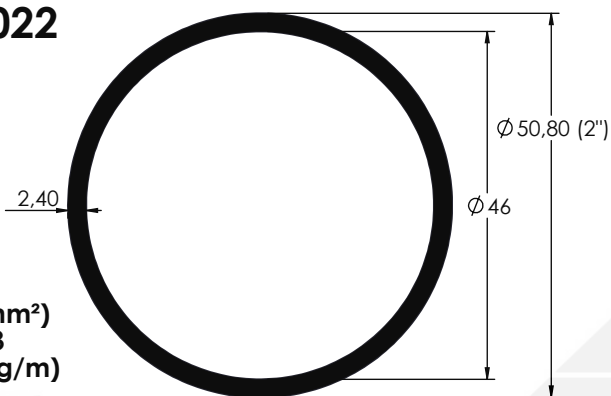
Area (mm²)
76,65
Peso (Kg/m)
0,208

TUB-021



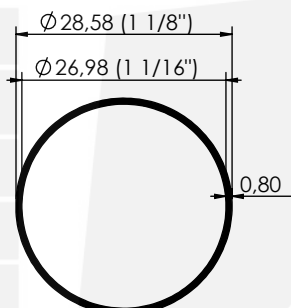
Area (mm²)
111,50
Peso (Kg/m)
0,302

TUB-022



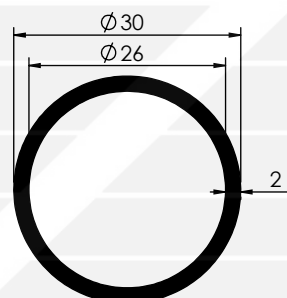
Area (mm²)
364,93
Peso (Kg/m)
0,989

TUB-023



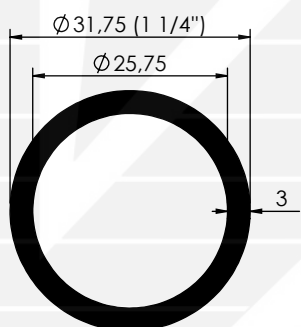
Area (mm²)
69,82
Peso (Kg/m)
0,189

TUB-024



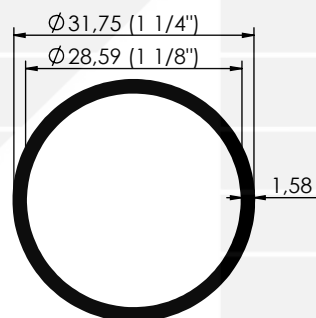
Area (mm²)
175,93
Peso (Kg/m)
0,477

TUB-025



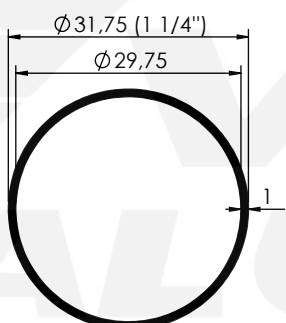
Area (mm²)
270,96
Peso (Kg/m)
0,734

TUB-026



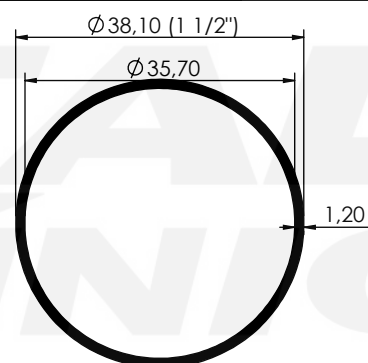
Area (mm²)
149,76
Peso (Kg/m)
0,406

TUB-027



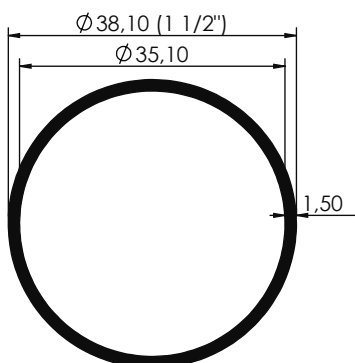
Area (mm²)
96,60
Peso (Kg/m)
0,262

TUB-028



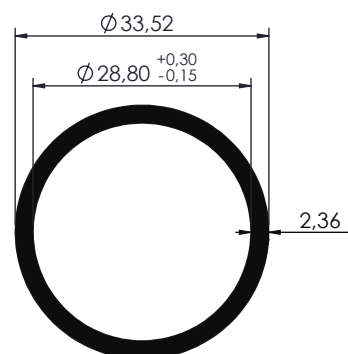
Area (mm²)
139,11
Peso (Kg/m)
0,377

TUB-029



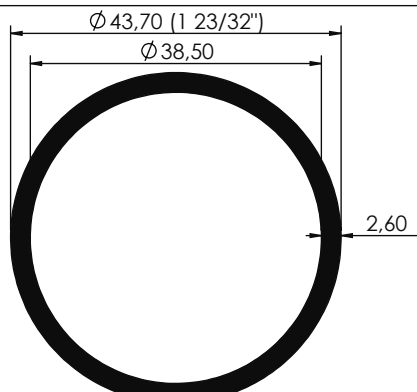
Area (mm²)
172,47
Peso (Kg/m)
0,467

TUB-030



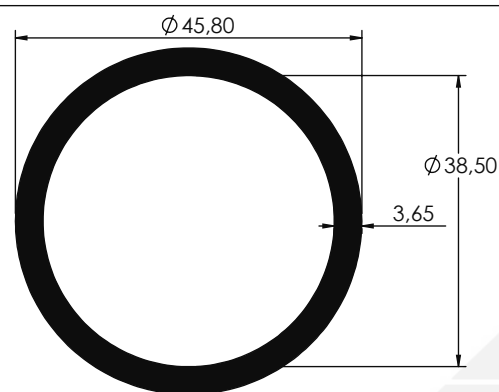
Area (mm²)
231,03
Peso (Kg/m)
0,626

TUB-031



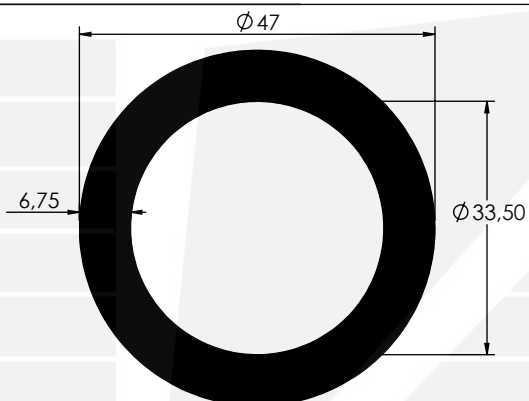
Area (mm²)
335,71
Peso (Kg/m)
0,910

TUB-032



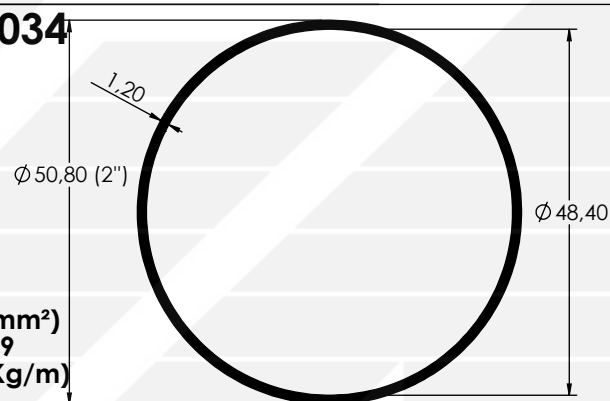
Area (mm²)
483,33
Peso (Kg/m)
1,310

TUB-033



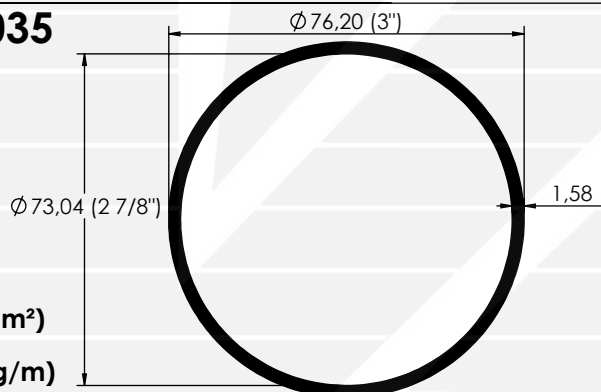
Area (mm²)
853,53
Peso (Kg/m)
2,313

TUB-034



Area (mm²)
186,99
Peso (Kg/m)
0,507

TUB-035

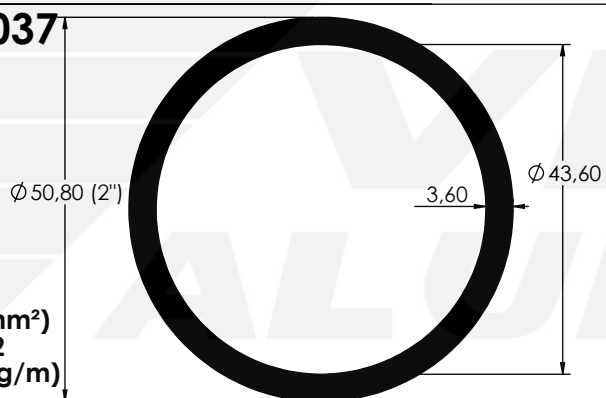


Area (mm²)
370,39
Peso (Kg/m)
1,004

TUB-

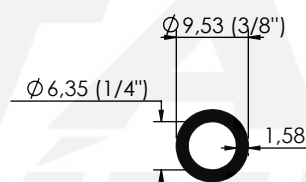
Area (mm²)
Peso (Kg/m)

TUB-037



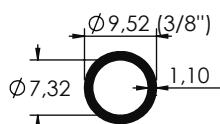
Area (mm²)
533,82
Peso (Kg/m)
1,447

TUB-038



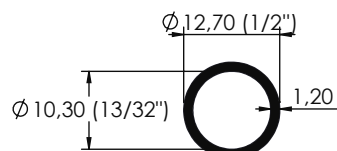
Area (mm²)
39,46
Peso (Kg/m)
0,107

TUB-039



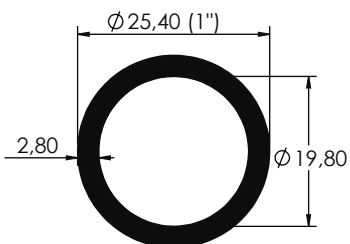
Area (mm²)
29,10
Peso (Kg/m)
0,079

TUB-040



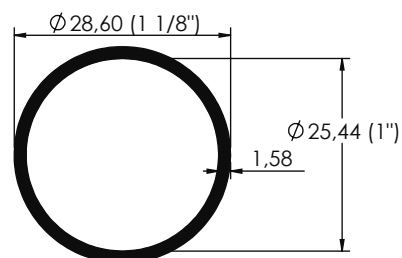
Area (mm²)
43,35
Peso (Kg/m)
0,117

TUB-041



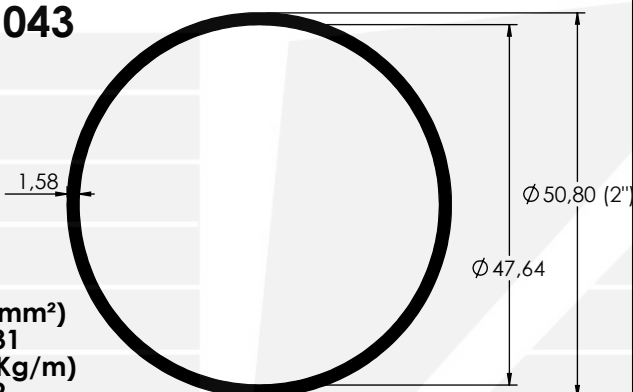
Area (mm²)
198,80
Peso (Kg/m)
0,539

TUB-042



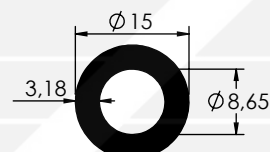
Area (mm²)
134,12
Peso (Kg/m)
0,363

TUB-043



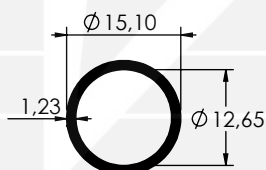
Area (mm²)
244,31
Peso (Kg/m)
0,662

TUB-044



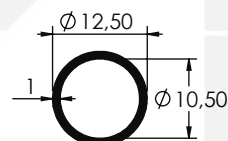
Area (mm²)
117,95
Peso (Kg/m)
0,320

TUB-045



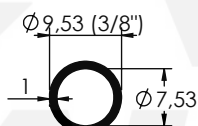
Area (mm²)
53,40
Peso (Kg/m)
0,145

TUB-046



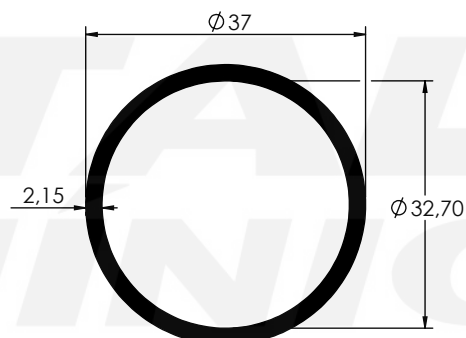
Area (mm²)
36,13
Peso (Kg/m)
0,098

TUB-047



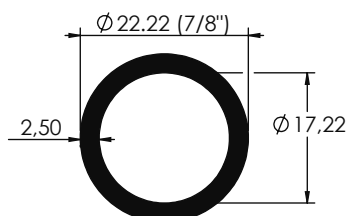
Area (mm²)
26,80
Peso (Kg/m)
0,073

TUB-048



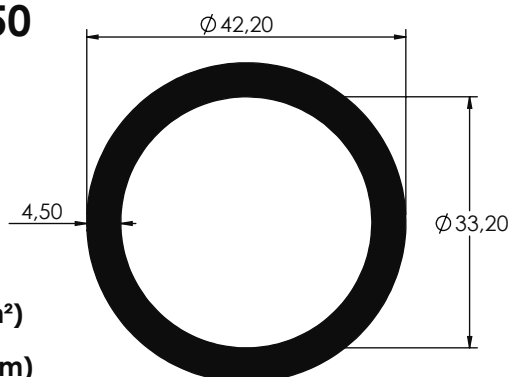
Area (mm²)
235,39
Peso (Kg/m)
0,638

TUB-049



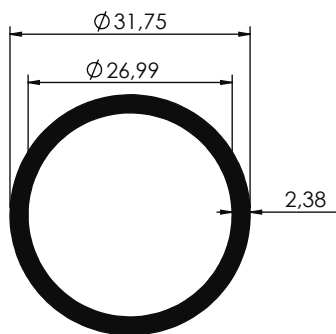
Area (mm²)
154,88
Peso (Kg/m)
0,420

TUB-050



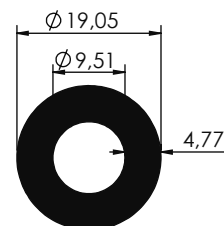
Area (mm²)
532,97
Peso (Kg/m)
1,444

TUB-051



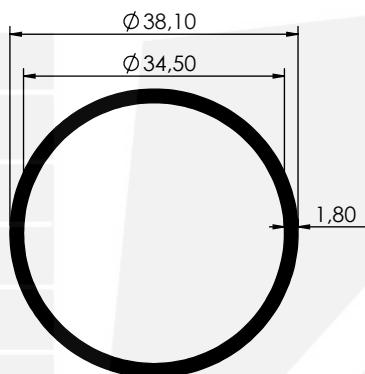
Area (mm²)
219,60
Peso (Kg/m)
0,595

TUB-052



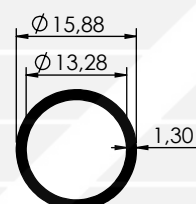
Area (mm²)
213,99
Peso (Kg/m)
0,580

TUB-053



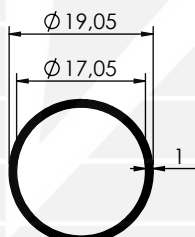
Area (mm²)
205,27
Peso (Kg/m)
0,556

TUB-054



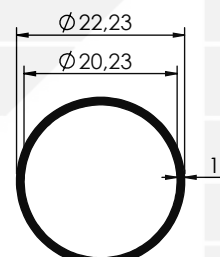
Area (mm²)
59,55
Peso (Kg/m)
0,161

TUB-055



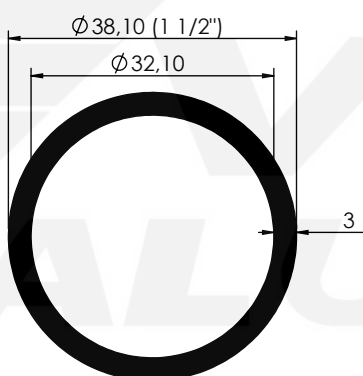
Area (mm²)
56,71
Peso (Kg/m)
0,154

TUB-056



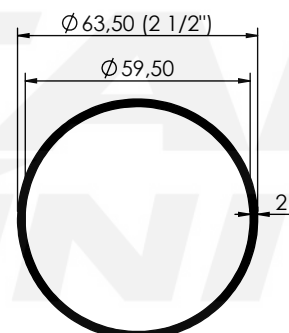
Area (mm²)
66,70
Peso (Kg/m)
0,181

TUB-057



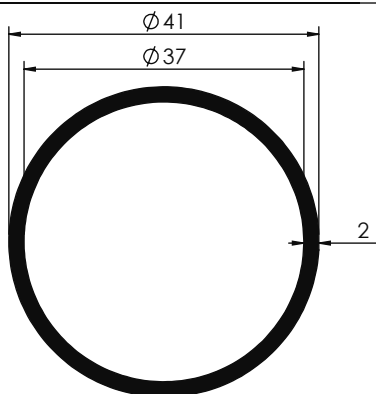
Area (mm²)
330,81
Peso (Kg/m)
0,896

TUB-058



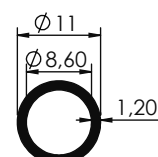
Area (mm²)
386,42
Peso (Kg/m)
1,047

TUB-059



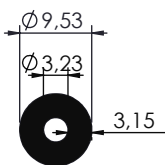
Area (mm²)
245,04
Peso (Kg/m)
0,664

TUB-060



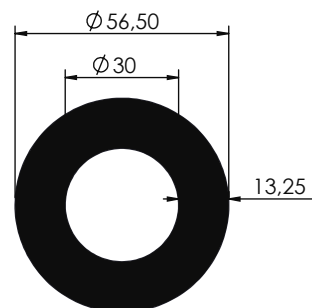
Area (mm²)
36,95
Peso (Kg/m)
0,100

TUB-061



Area (mm²)
63,14
Peso (Kg/m)
0,171

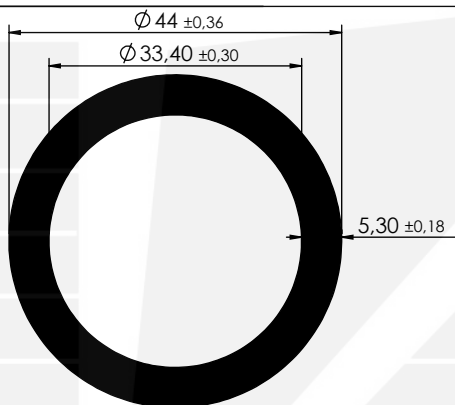
TUB-062



Escala 1:2

Area (mm²)
1.800,33
Peso (Kg/m)
4,878

TUB-063



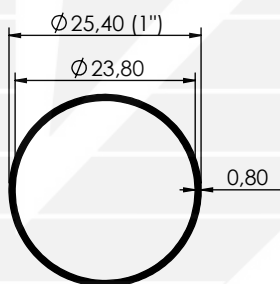
Area (mm²)
644,37
Peso (Kg/m)
1,746

TUB-064



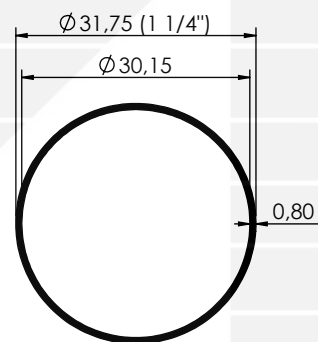
Area (mm²)
475,04
Peso (Kg/m)
1,287

TUB-065



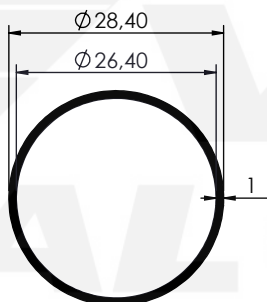
Area (mm²)
61,83
Peso (Kg/m)
0,168

TUB-066



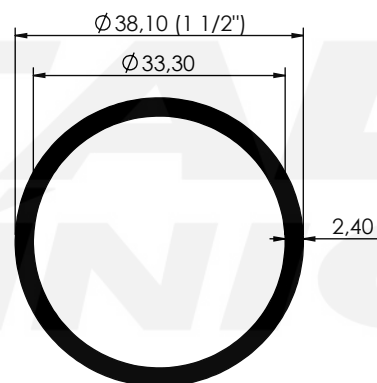
Area (mm²)
77,79
Peso (Kg/m)
0,211

TUB-067



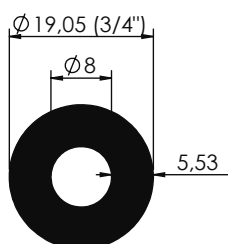
Area (mm²)
86,08
Peso (Kg/m)
0,233

TUB-068



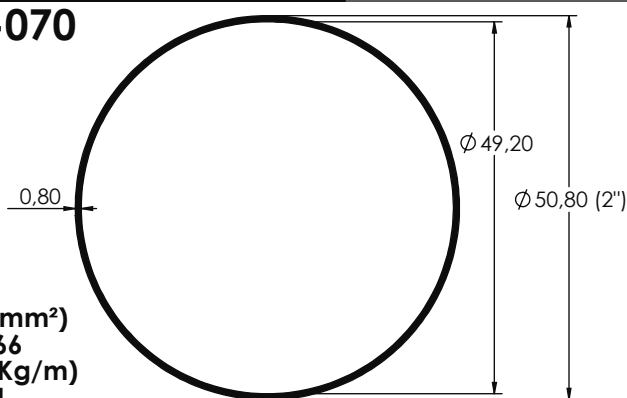
Area (mm²)
269,17
Peso (Kg/m)
0,729

TUB-069



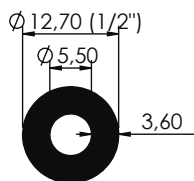
Area (mm²)
234,76
Peso (Kg/m)
0,636

TUB-070



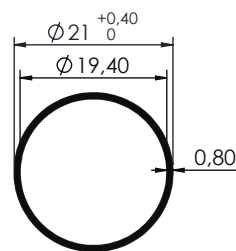
Area (mm²)
125,66
Peso (Kg/m)
0,341

TUB-071



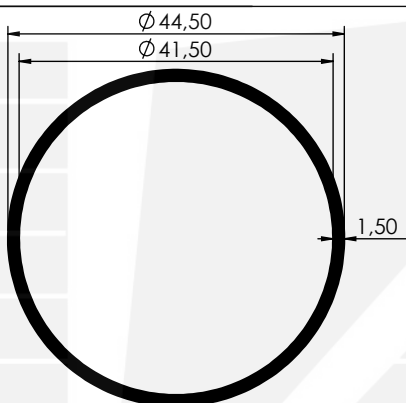
Area (mm²)
102,92
Peso (Kg/m)
0,279

TUB-072



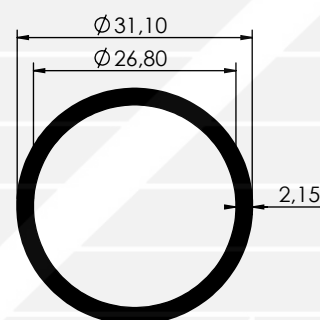
Area (mm²)
50,77
Peso (Kg/m)
0,138

TUB-073



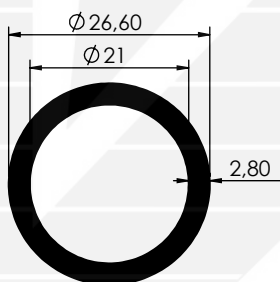
Area (mm²)
202,63
Peso (Kg/m)
0,549

TUB-074



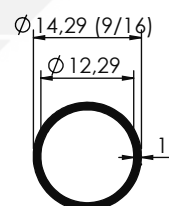
Area (mm²)
195,54
Peso (Kg/m)
0,530

TUB-075



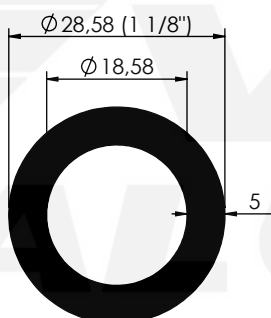
Area (mm²)
209,36
Peso (Kg/m)
0,567

TUB-076



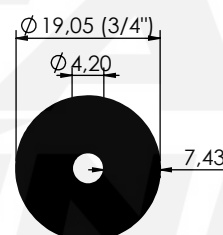
Area (mm²)
41,74
Peso (Kg/m)
0,113

TUB-077



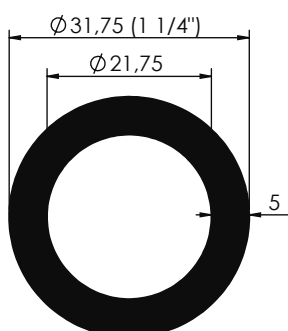
Area (mm²)
370,32
Peso (Kg/m)
1,004

TUB-078



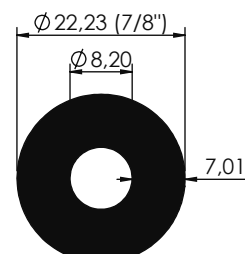
Area (mm²)
271,17
Peso (Kg/m)
0,735

TUB-079



Area (mm²)
420,19
Peso (Kg/m)
1,139

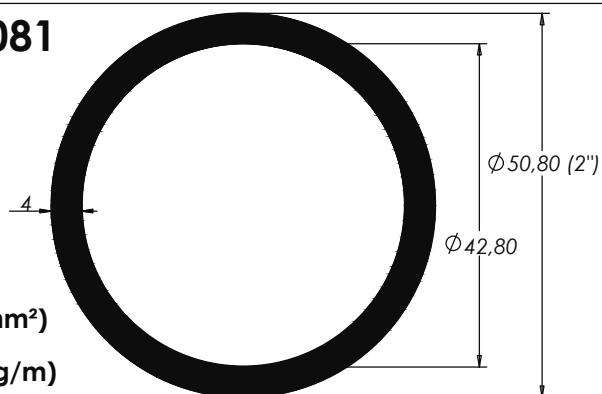
TUB-080



Area (mm²)
335,14
Peso (Kg/m)
0,908

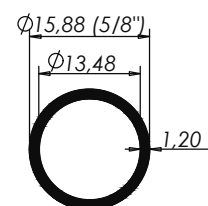
TUBO REDONDO

TUB-081



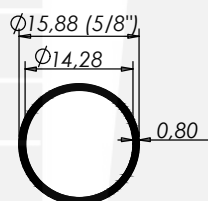
Area (mm²)
588,11
Peso (Kg/m)
1,594

TUB-082



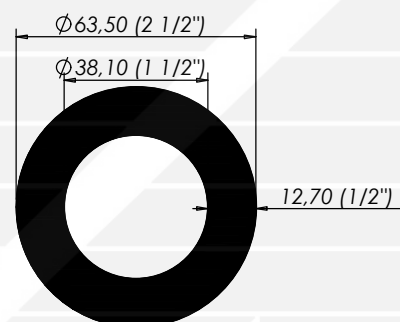
Area (mm²)
55,32
Peso (Kg/m)
0,150

TUB-083



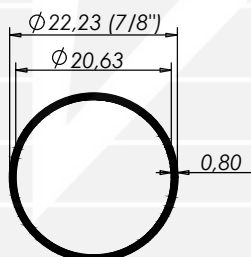
Area (mm²)
37,89
Peso (Kg/m)
0,103

TUB-084



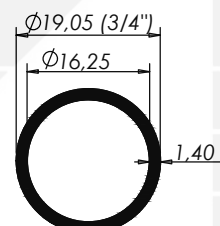
Escala 1:2
Area (mm²)
2.026,83
Peso (Kg/m)
5,493

TUB-085



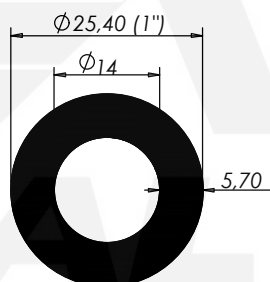
Area (mm²)
53,85
Peso (Kg/m)
0,146

TUB-086



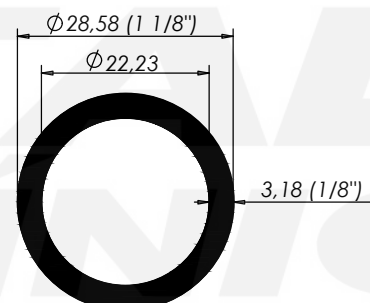
Area (mm²)
77,63
Peso (Kg/m)
0,210

TUB-087



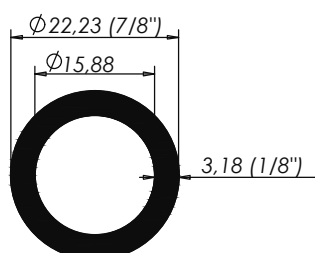
Area (mm²)
352,77
Peso (Kg/m)
0,956

TUB-088



Area (mm²)
253,35
Peso (Kg/m)
0,687

TUB-089



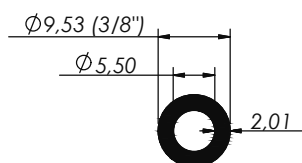
Area (mm²)
190,02
Peso (Kg/m)
0,515

TUB-

Area (mm²)
Peso (Kg/m)

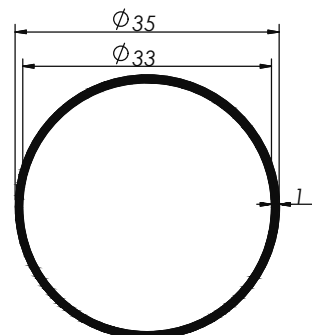
TUBO REDONDO

TUB-091



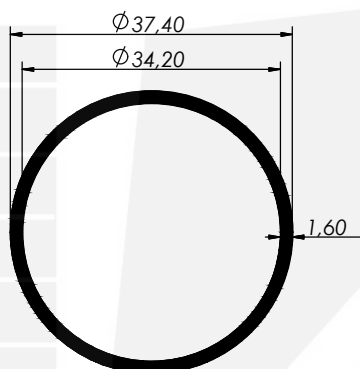
Area (mm²)
47,50
Peso (Kg/m)
0,129

TUB-092



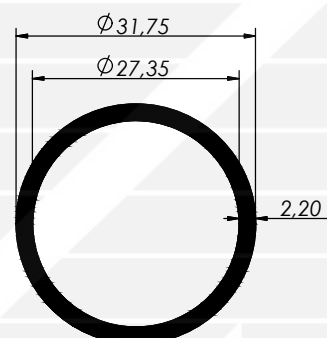
Area (mm²)
106,81
Peso (Kg/m)
0,289

TUB-093



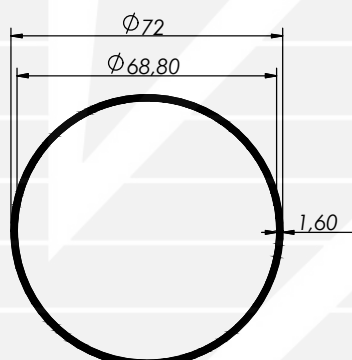
Area (mm²)
179,95
Peso (Kg/m)
0,488

TUB-094



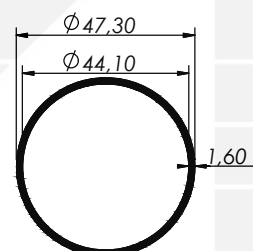
Area (mm²)
204,23
Peso (Kg/m)
0,553

TUB-095



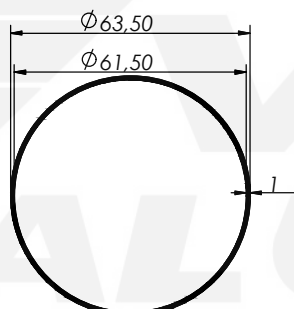
Escala 1:2
Area (mm²)
353,87
Peso (Kg/m)
0,959

TUB-096



Escala 1:2
Area (mm²)
229,71
Peso (Kg/m)
0,623

TUB-097

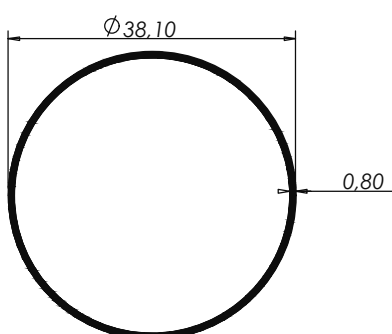


Escala 1:2
Area (mm²)
196,35
Peso (Kg/m)
0,532

TUB-

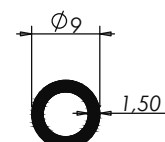
Area (mm²)
Peso (Kg/m)

TUB-099



Area (mm²)
93,74
Peso (Kg/m)
0,254

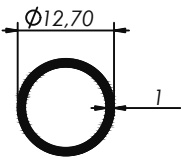
TUB-100



Area (mm²)
35,35
Peso (Kg/m)
0,095

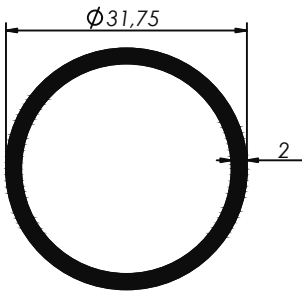
TUBO REDONDO

TUB-101



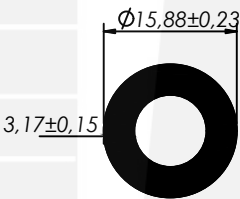
Escala 1:4
Area (mm²)
36,76
Peso (Kg/m)
0,100

TUB-102



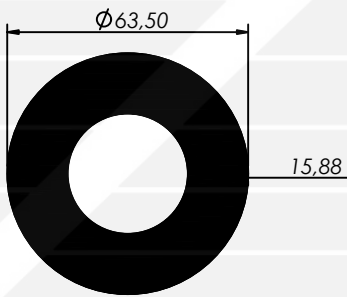
Area (mm²)
186,92
Peso (Kg/m)
0,506

TUB-103



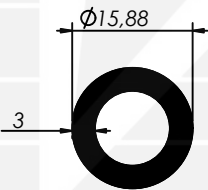
Area (mm²)
126,58
Peso (Kg/m)
0,343

TUB-104



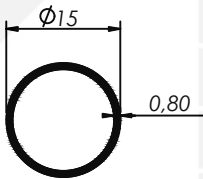
Escala 1:2
Area (mm²)
2.375,19
Peso (Kg/m)
6,436

TUB-105



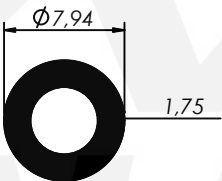
Area (mm²)
123,65
Peso (Kg/m)
0,335

TUB-106



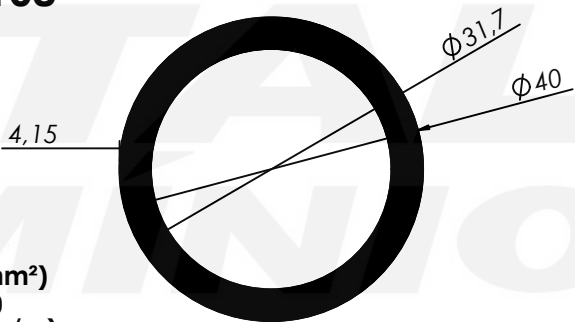
Area (mm²)
35,68
Peso (Kg/m)
0,097

TUB-107



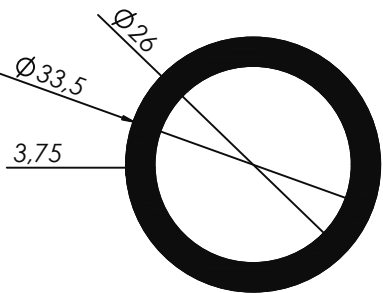
Escala 1:2
Area (mm²)
34,02
Peso (Kg/m)
0,092

TUB-108



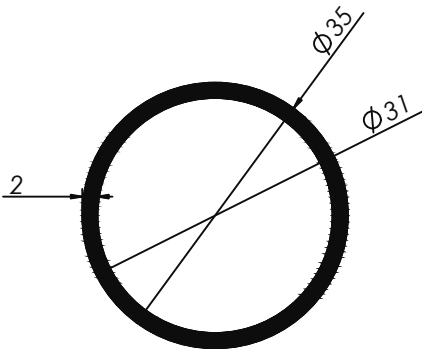
Area (mm²)
467,40
Peso (Kg/m)
1,266

TUB-109



Area (mm²)
350,48
Peso (Kg/m)
0,949

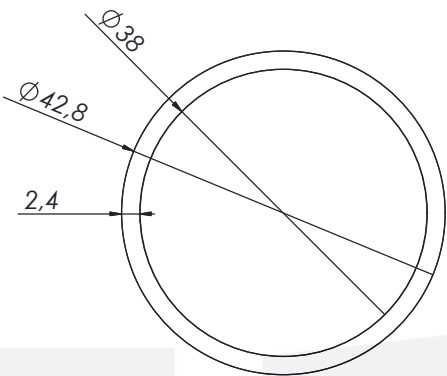
TUB-110



Area (mm²)
207,34
Peso (Kg/m)
0,561

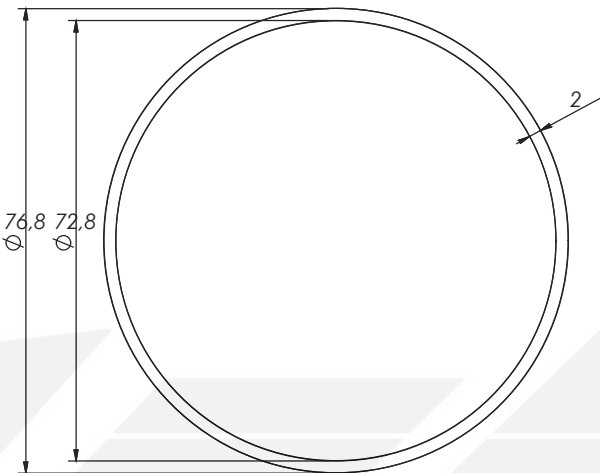
TUBO REDONDO

TUB-111



Area (mm²)
304,61
Peso (Kg/m)
0,825

VT-789



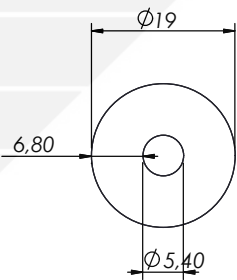
Area (mm²)
470
Peso (Kg/m)
1,274

TUB-112



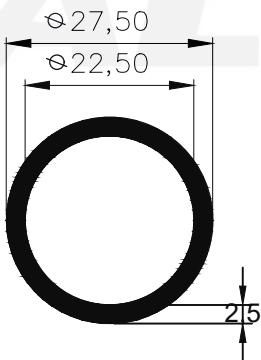
Area (mm²)
49,48
Peso (Kg/m)
0,134

TUB-113



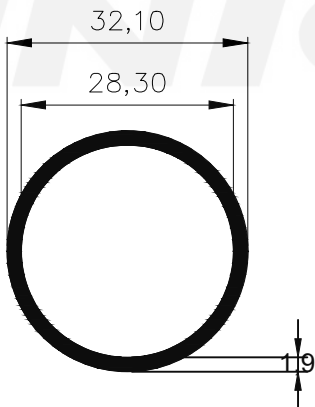
Area (mm²)
260,6
Peso (Kg/m)
0,706

TUB-116



Area (mm²)
196,35
Peso (Kg/m)
0,532

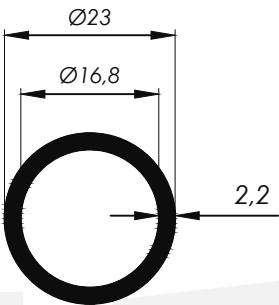
TUB-117



Area (mm²)
180,3
Peso (Kg/m)
0,488

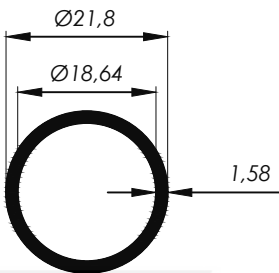
TUBO REDONDO

TUB-114



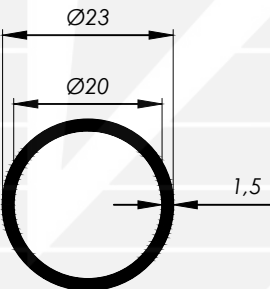
Area (mm²)
143,76
Peso (Kg/m)
0,389

TUB-115



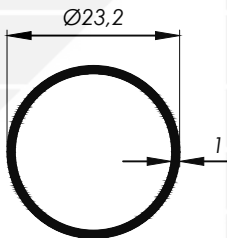
Area (mm²)
100,37
Peso (Kg/m)
0,272

TUB-118



Area (mm²)
101,32
Peso (Kg/m)
0,274

TUB-119



Area (mm²)
69,75
Peso (Kg/m)
0,189

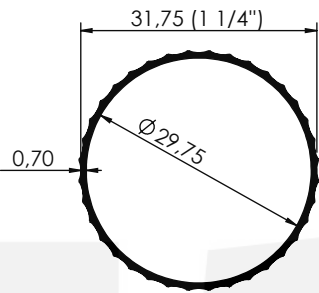
TUB-

TUB-

Area (mm²)
Peso (Kg/m)

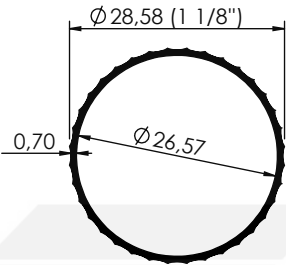
Area (mm²)
Peso (Kg/m)

VT-050



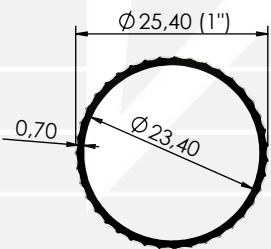
Area (mm²)
78,48
Peso (Kg/m)
0,212

VT-051



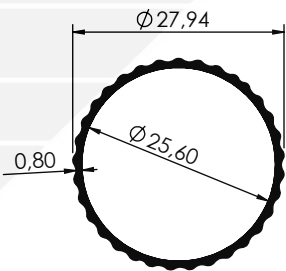
Area (mm²)
71,13
Peso (Kg/m)
0,192

VT-083



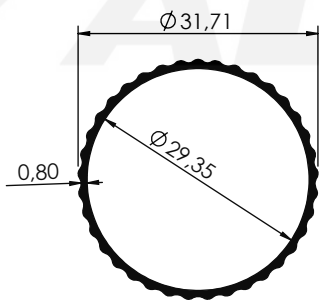
Area (mm²)
61,91
Peso (Kg/m)
0,167

VT-608



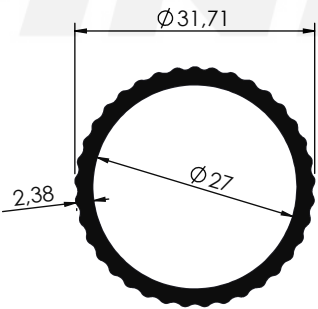
Area (mm²)
84,50
Peso (Kg/m)
0,229

VT-610



Area (mm²)
94,47
Peso (Kg/m)
0,256

VT-622

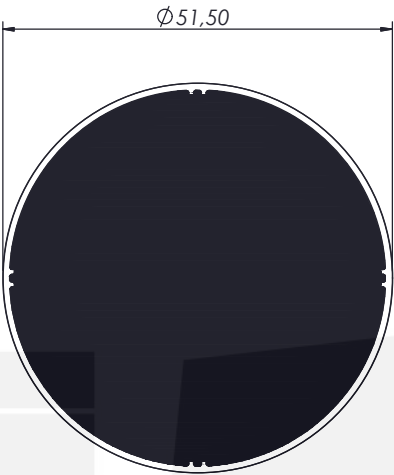


Area (mm²)
198,48
Peso (Kg/m)
0,538

TUBOS ESTRIADO / FRISADO

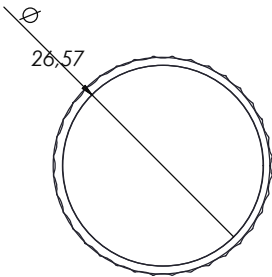
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VT-639



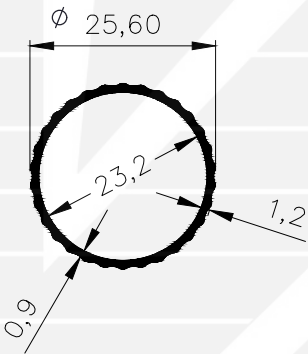
Area (mm²)
146,51
Peso (Kg/m)
0,397

VT-732



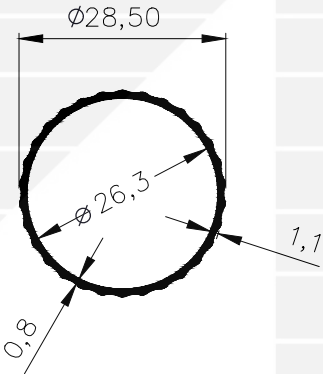
Area (mm²)
92,41
Peso (Kg/m)
0,250

VT-834



Area (mm²)
78,7
Peso (Kg/m)
0,213

VT-835



Area (mm²)
79,3
Peso (Kg/m)
0,215

VT-

VT-

Area (mm²)
Peso (Kg/m)

Area (mm²)
Peso (Kg/m)

VERGALHÃO REDONDO

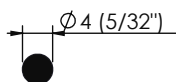


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CÓDIGO	DIÂMETRO POLEGADA	DIÂMETRO mm	PESO Kg/m
VER-017	*	3,50	0,026
VER-015	5/32" (ESTRIADO)	4,00 (ESTRIADO)	0,028
VER-001	5/32"	4,00	0,034
VER-020	*	5,40	0,062
VER-002	1/4"	6,35	0,086
VER-012	5/16"	7,90	0,133
VER-013	*	8,00	0,136
VER-003	3/8"	9,53	0,193
VER-014	*	10,00	0,213
VER-004	*	12,00	0,307
VER-005	1/2"	12,70	0,343
VER-006	9/16"	14,29	0,435
VER-007	5/8"	15,88	0,537
VER-008	3/4"	19,05	0,772
VER-009	7/8"	22,22	1,052
VER-010	1"	25,40	1,373
VER-011	1 1/4"	31,75	2,146
VER-016	1 1/2"	38,10	3,090
VER-018	4"	101,60	21,971
VER-019	5"	127,00	34,320

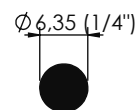
VITAL
ALUMÍNIO

VER-001



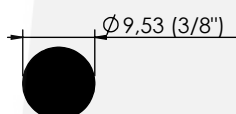
Area (mm²)
12,57
Peso (Kg/m)
0,034

VER-002



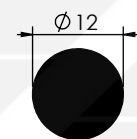
Area (mm²)
31,67
Peso (Kg/m)
0,086

VER-003



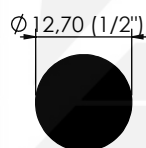
Area (mm²)
71,33
Peso (Kg/m)
0,193

VER-004



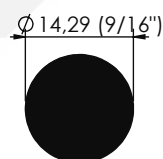
Area (mm²)
113,10
Peso (Kg/m)
0,307

VER-005



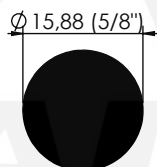
Area (mm²)
126,68
Peso (Kg/m)
0,343

VER-006



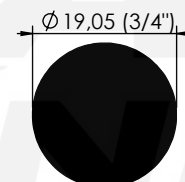
Area (mm²)
160,38
Peso (Kg/m)
0,435

VER-007



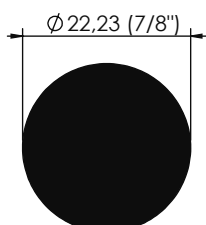
Area (mm²)
198,06
Peso (Kg/m)
0,537

VER-008



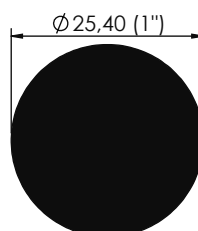
Area (mm²)
285,02
Peso (Kg/m)
0,772

VER-009



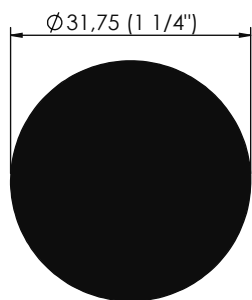
Area (mm²)
388,12
Peso (Kg/m)
1,052

VER-010



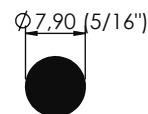
Area (mm²)
506,71
Peso (Kg/m)
1,373

VER-011



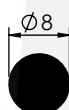
Area (mm²)
791,73
Peso (Kg/m)
2,146

VER-012



Area (mm²)
49,02
Peso (Kg/m)
0,133

VER-013



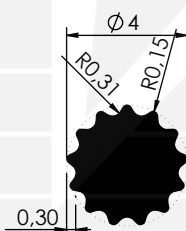
Area (mm²)
50,27
Peso (Kg/m)
0,136

VER-014



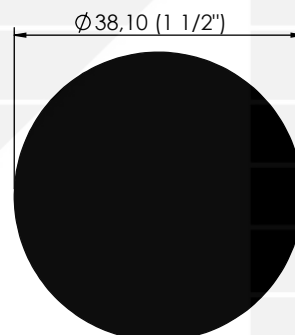
Area (mm²)
78,54
Peso (Kg/m)
0,213

VER-015



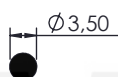
Escala 4:1
Area (mm²)
10,54
Peso (Kg/m)
0,028

VER-016



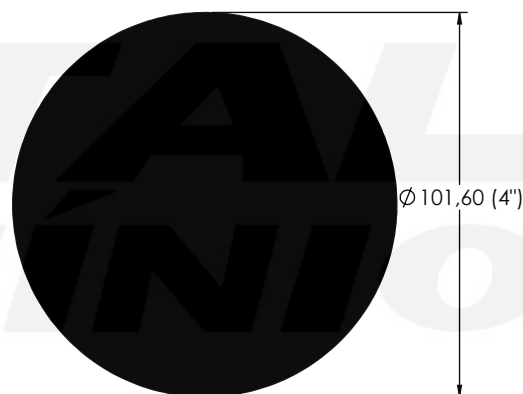
Area (mm²)
1.140,09
Peso (Kg/m)
3,090

VER-017



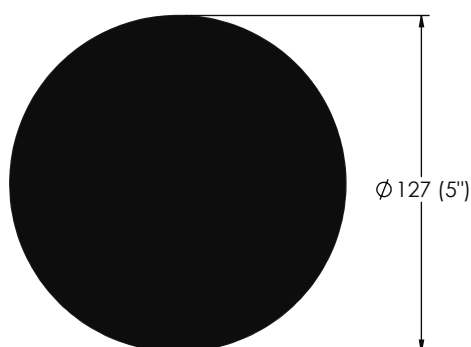
Area (mm²)
9,62
Peso (Kg/m)
0,026

VER-018



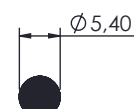
Escala 1:2
Area (mm²)
8.107,32
Peso (Kg/m)
21,971

VER-019



Escala 1:3
Area (mm²)
12.667,69
Peso (Kg/m)
34,329

VER-020



Area (mm²)
22,90
Peso (Kg/m)
0,062

VERGALHÃO QUADRADO

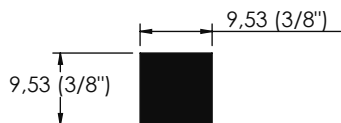


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CÓDIGO	LARGURA POLEGADA	LARGURA mm	PESO Kg/m
VEQ-007	*	3,17	0,027
VEQ-004	*	5,70	0,085
VEQ-013	*	6,00	0,097
VEQ-008	*	8,00	0,173
VEQ-001	3/8"	9,53	0,246
VEQ-002	1/2"	12,70	0,437
VEQ-006	5/8"	15,88	0,683
VEQ-003	3/4"	19,05	0,983
VEQ-012	7/8"	22,22	1,338
VEQ-009	1"	25,40	1,748
VEQ-005	*	30,00	2,439
VEQ-011	1 1/4"	31,75	2,732
VEQ-010	1 1/2"	38,10	3,934

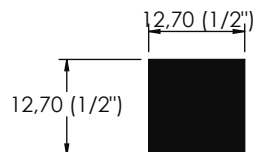
VITAL
ALUMÍNIO

VEQ-001



Area (mm²)
90,82
Peso (Kg/m)
0,246

VEQ-002



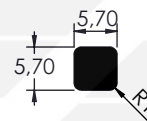
Area (mm²)
161,29
Peso (Kg/m)
0,437

VEQ-003



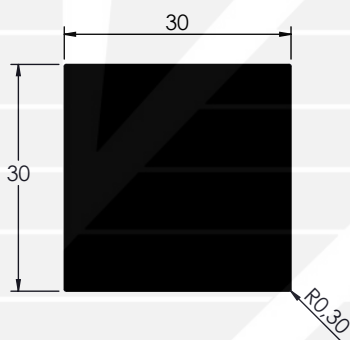
Area (mm²)
362,90
Peso (Kg/m)
0,983

VEQ-004



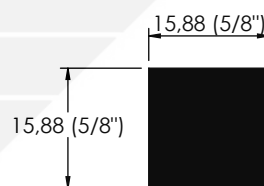
Area (mm²)
31,63
Peso (Kg/m)
0,085

VEQ-005



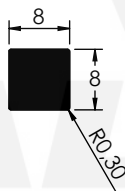
Area (mm²)
900,00
Peso (Kg/m)
2,439

VEQ-006



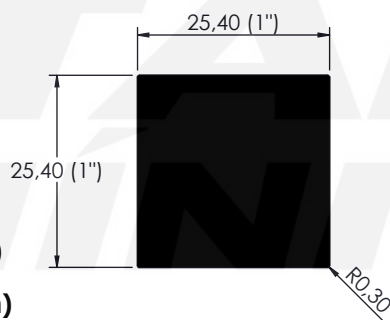
Area (mm²)
252,02
Peso (Kg/m)
0,683

VEQ-008



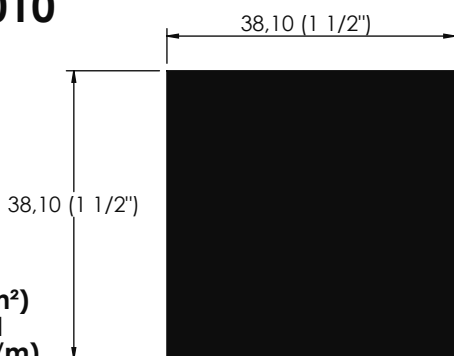
Area (mm²)
63,92
Peso (Kg/m)
0,173

VEQ-009



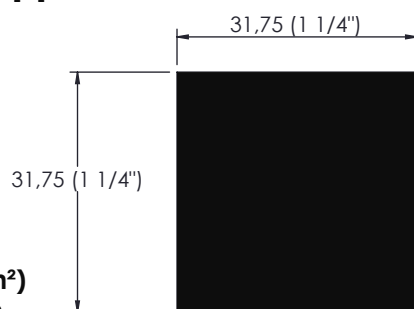
Area (mm²)
645,08
Peso (Kg/m)
1,748

VEQ-010



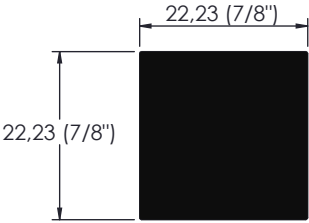
Area (mm²)
1.451,61
Peso (Kg/m)
3,934

VEQ-011



Area (mm²)
1.008,06
Peso (Kg/m)
2,732

VEQ-012



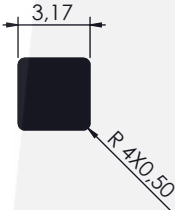
Area (mm²)
493,87
Peso (Kg/m)
1,338

VEQ-013



Area (mm²)
35,92
Peso (Kg/m)
0,097

VEQ-007



Area (mm²)
9,83
Peso (Kg/m)
0,027

VEQ-

Area (mm²)
Peso (Kg/m)

VEQ-

Area (mm²)
Peso (Kg/m)

VEQ-

Area (mm²)
Peso (Kg/m)

VEQ-

Area (mm²)
Peso (Kg/m)

VEQ-

Area (mm²)
Peso (Kg/m)

VEQ-

Area (mm²)
Peso (Kg/m)

VEQ-

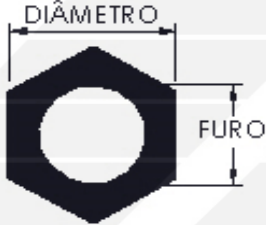
Area (mm²)
Peso (Kg/m)

SEXTAVADO



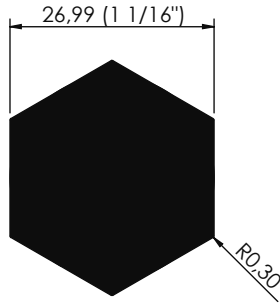
CÓDIGO	DIÂMETRO POLEGADA	DIÂMETRO mm	PESO Kg/m
VT-799	*	7,20	0,122
VT-004	3/8"	9,53	0,213
VT-009	1/2"	12,70	0,378
VT-112	5/8"	15,88	0,592
VT-005	3/4"	19,05	0,852
VT-006	7/8	22,22	1,159
VT-001	1 1/16"	26,99	1,709
VT-002	1 3/8"	34,93	2,863
VT-003	1 5/8"	41,28	3,998

SEXTAVADO
VAZADO



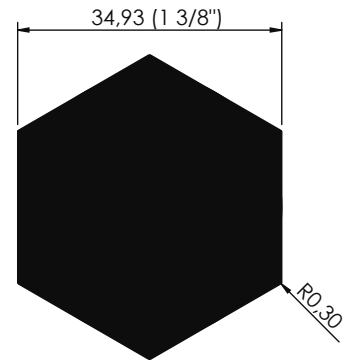
CÓDIGO	DIÂMETRO POLEGADA	FURO POLEGADA	DIÂMETRO mm	FURO mm	PESO Kg/m
VT-007	1"	*	25,40	8,80	1,349
VT-010	*	*	26,93	14	1,285
VT-003	*	5/8"	30,00	15,88	1,484
VT-004	*	3/4"	30,00	19,05	1,248
VT-008	1 1/4"	*	31,75	8,80	2,201

VT-001



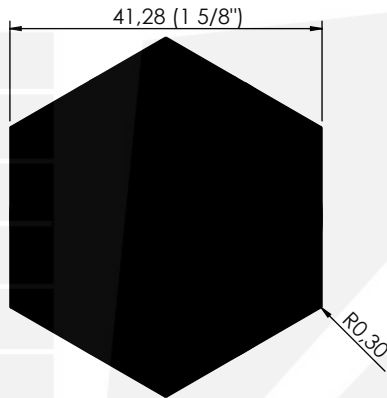
Area (mm²)
630,72
Peso (Kg/m)
1,709

VT-002



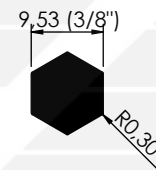
Area (mm²)
1.056,31
Peso (Kg/m)
2,863

VT-003



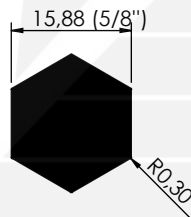
Area (mm²)
1.475,35
Peso (Kg/m)
3,998

VT-004



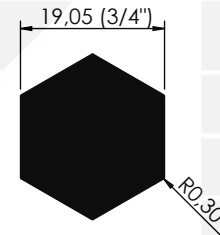
Area (mm²)
78,54
Peso (Kg/m)
0,213

VT-112



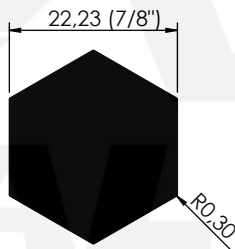
Area (mm²)
218,39
Peso (Kg/m)
0,592

VT-005



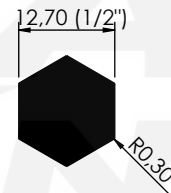
Area (mm²)
314,25
Peso (Kg/m)
0,852

VT-006



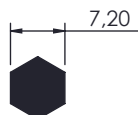
Area (mm²)
427,74
Peso (Kg/m)
1,159

VT-009



Area (mm²)
139,65
Peso (Kg/m)
0,378

VT-799

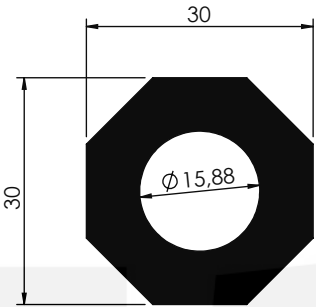


Area (mm²)
44,9
Peso (Kg/m)
0,122

VT-

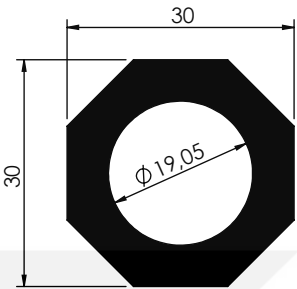
Area (mm²)
Peso (Kg/m)

VT-003



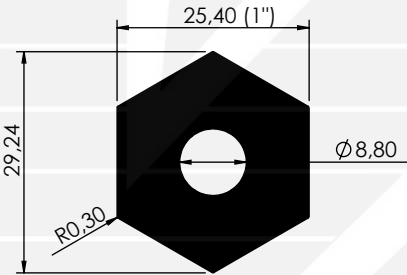
Area (mm²)
547,53
Peso (Kg/m)
1,484

VT-004



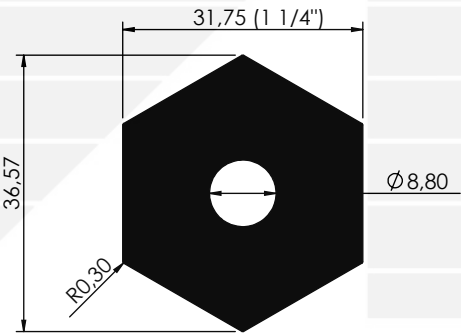
Area (mm²)
460,56
Peso (Kg/m)
1,248

VTS-007



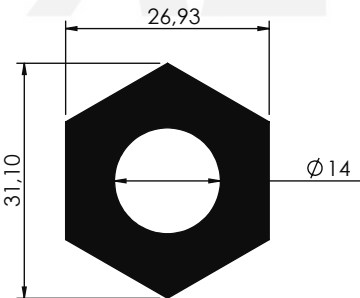
Area (mm²)
497,87
Peso (Kg/m)
1,349

VTS-008



Area (mm²)
812,16
Peso (Kg/m)
2,201

VTS-010



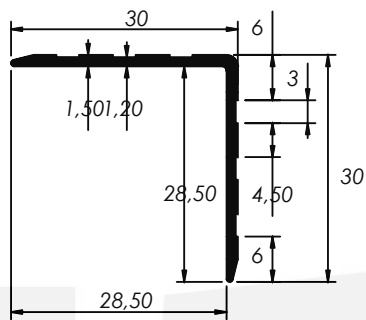
Area (mm²)
474,28
Peso (Kg/m)
1,285

VT-

Area (mm²)
Peso (Kg/m)

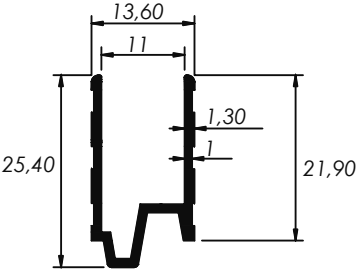
CASE

VT-595



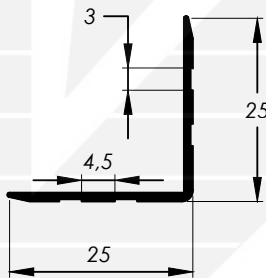
Area (mm²)
79,57
Peso (Kg/m)
0,215

VT-596



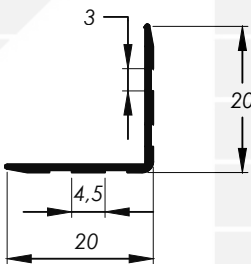
Area (mm²)
74,77
Peso (Kg/m)
0,202

VT-856



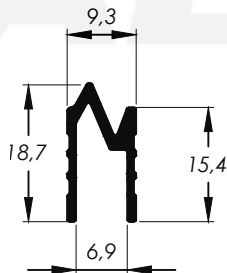
Area (mm²)
52,40
Peso (Kg/m)
0,142

VT-857



Area (mm²)
37
Peso (Kg/m)
0,100

VT-859

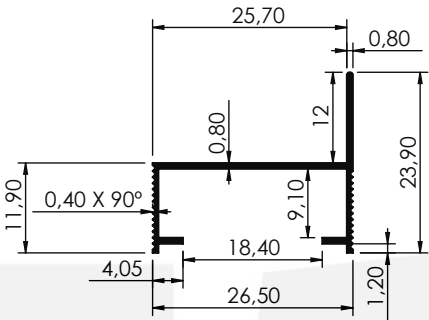


Area (mm²)
54,75
Peso (Kg/m)
0,148

VT-

Area (mm²)
Peso (Kg/m)

VT-072

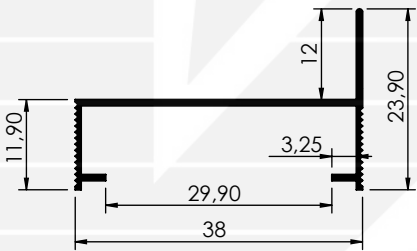


Area (mm²)
49,37
Peso (Kg/m)
0,133

VT-

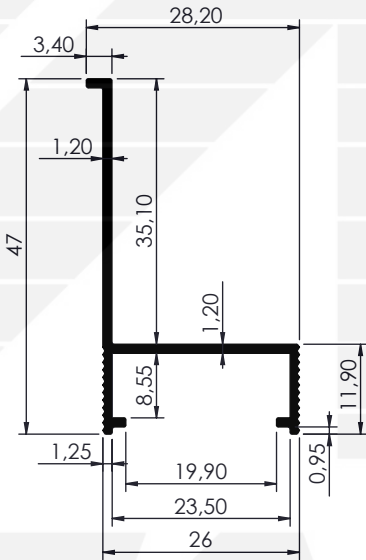
Area (mm²)
Peso (Kg/m)

VT-076



Area (mm²)
58,57
Peso (Kg/m)
0,158

VT-487 (VCM-151)



Area (mm²)
103,41
Peso (Kg/m)
0,280

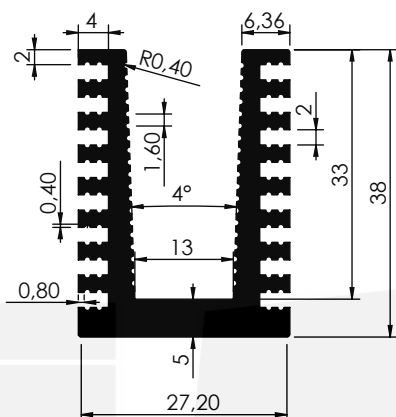
VT-

VT-

Area (mm²)
Peso (Kg/m)

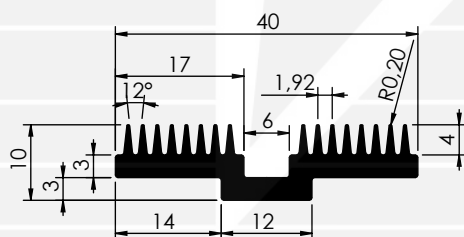
Area (mm²)
Peso (Kg/m)

VT-015



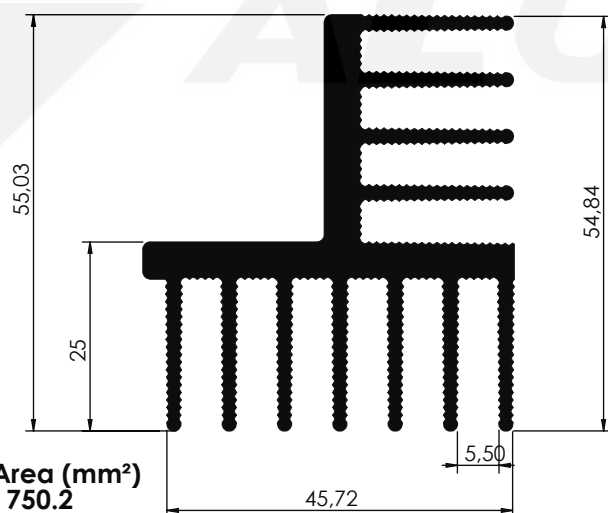
Area (mm²)
443,17
Peso (Kg/m)
1,201

VT-197



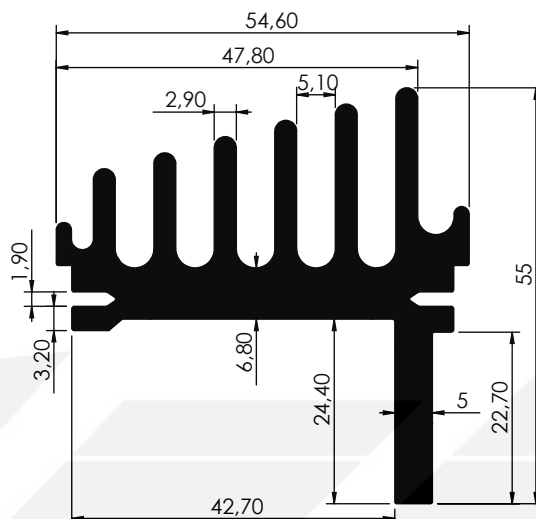
Area (mm²)
186,46
Peso (Kg/m)
0,511

VT-491



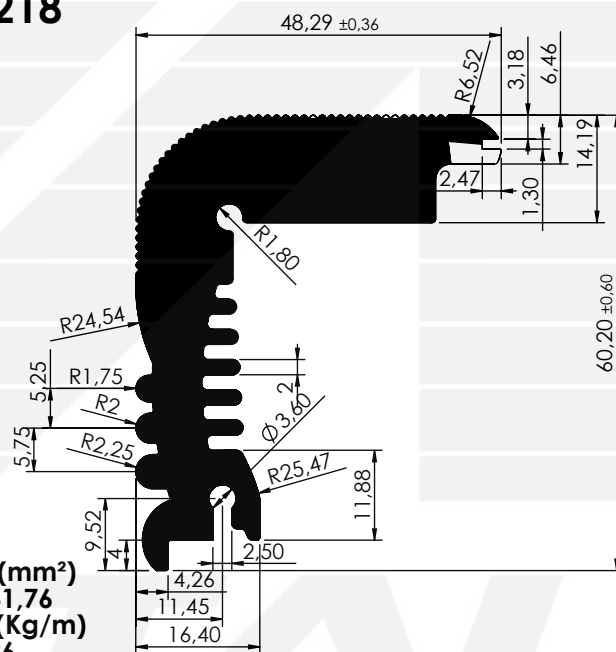
Area (mm²)
750.2
Peso (Kg/m)
2.033

VT-123



Area (mm²)
845,42
Peso (Kg/m)
2,291

VT-218



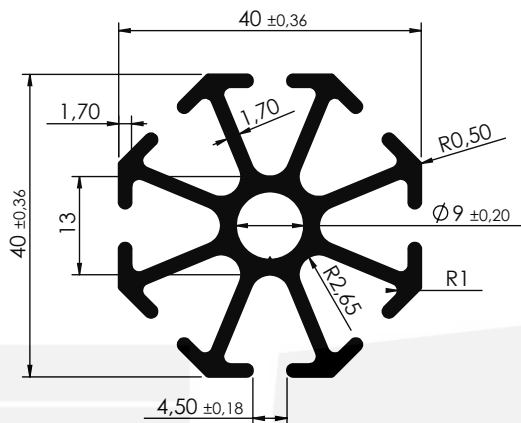
Area (mm²)
1.031,76
Peso (Kg/m)
2,796

VT-

Area (mm²)

Peso (Kg/m)

VT-308



Area (mm²)
416,84
Peso (Kg/m)
1,130

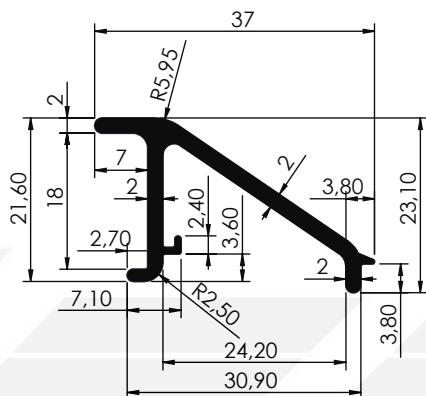
VT-

Area (mm²)
Peso (Kg/m)

VT-

Area (mm²)
Peso (Kg/m)

VT-309



Area (mm²)
137,04
Peso (Kg/m)
0,371

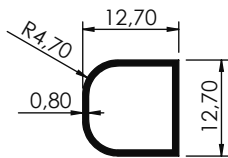
VT-

Area (mm²)
Peso (Kg/m)

VT-

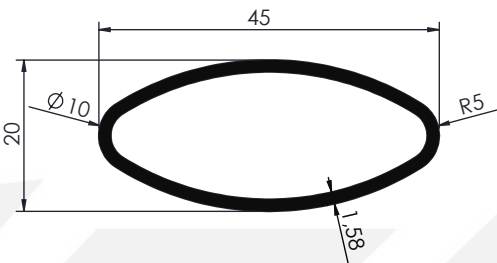
Area (mm²)
Peso (Kg/m)

VT-175



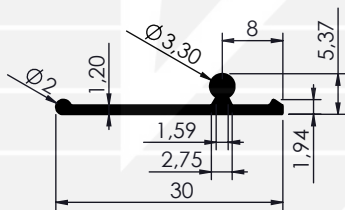
Area (mm²)
35,13
Peso (Kg/m)
0,095

VT-304



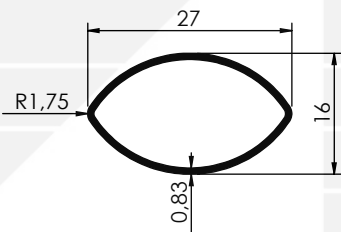
Area (mm²)
158,32
Peso (Kg/m)
0,429

VT-303



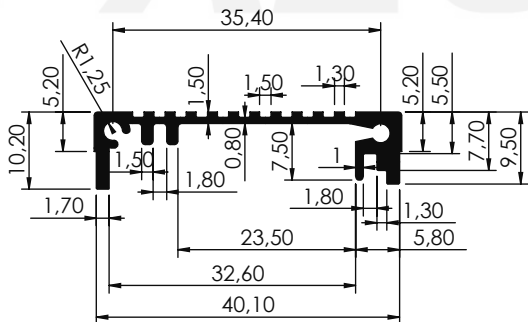
Area (mm²)
48,31
Peso (Kg/m)
0,131

VT-010



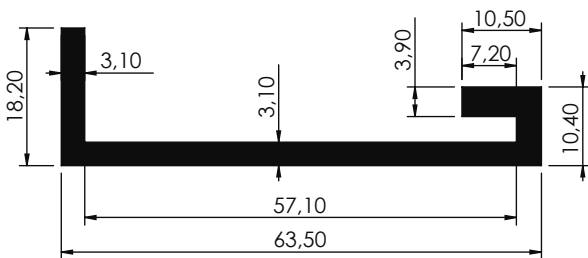
Area (mm²)
52,96
Peso (Kg/m)
0,144

VT-013



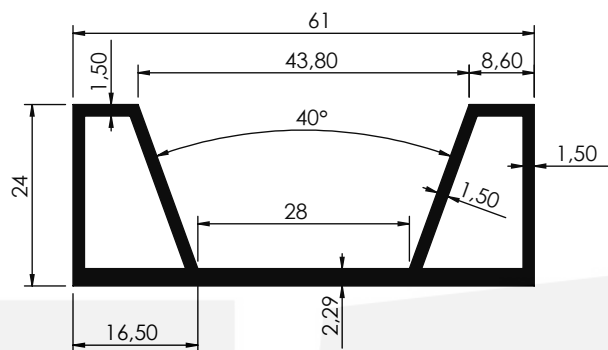
Area (mm²)
99,41
Peso (Kg/m)
0,269

VT-028



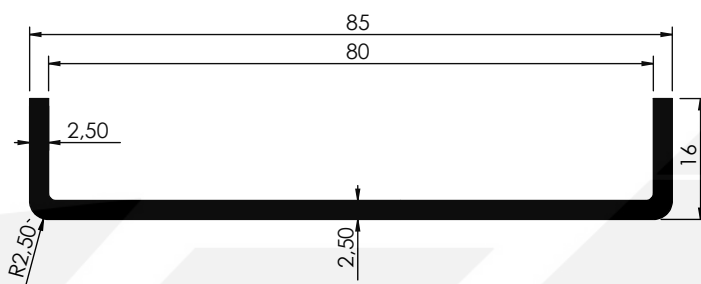
Area (mm²)
295,83
Peso (Kg/m)
0,802

VT-029



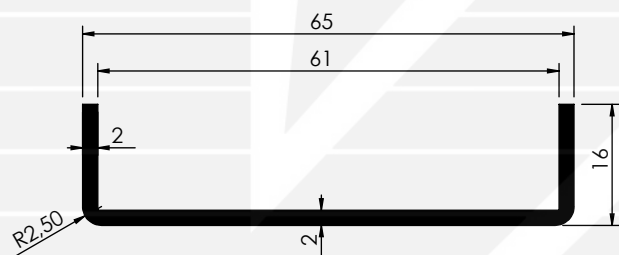
Area (mm²)
291,73
Peso (Kg/m)
0,791

VT-031



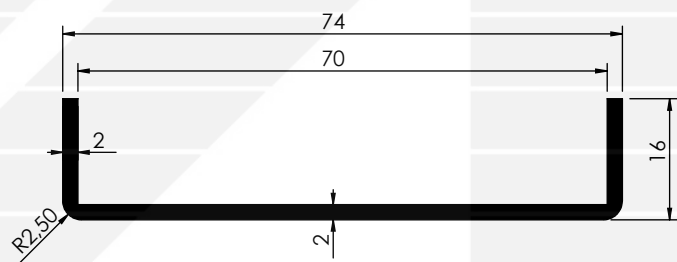
Area (mm²)
277,75
Peso (Kg/m)
0,753

VT-032



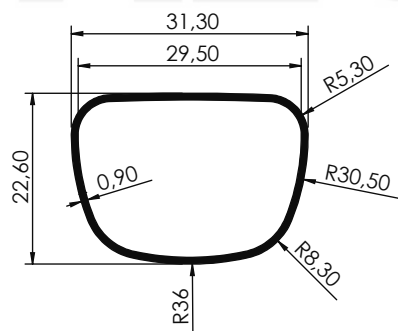
Area (mm²)
183,32
Peso (Kg/m)
0,497

VT-033



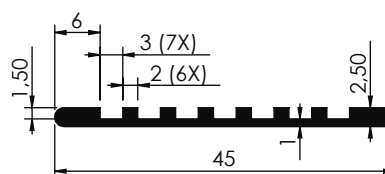
Area (mm²)
201,32
Peso (Kg/m)
0,546

VT-270



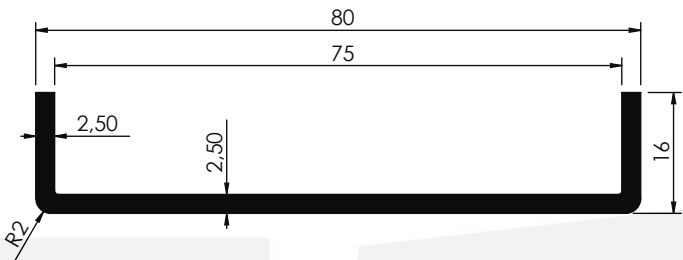
Area (mm²)
80,15
Peso (Kg/m)
0,217

VT-264



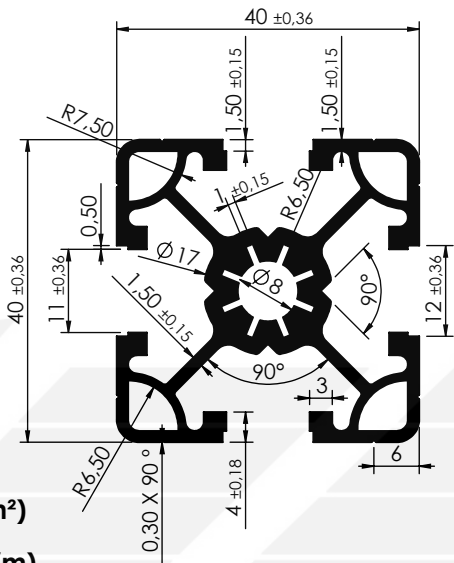
Area (mm²)
79,66
Peso (Kg/m)
0,216

VT-054



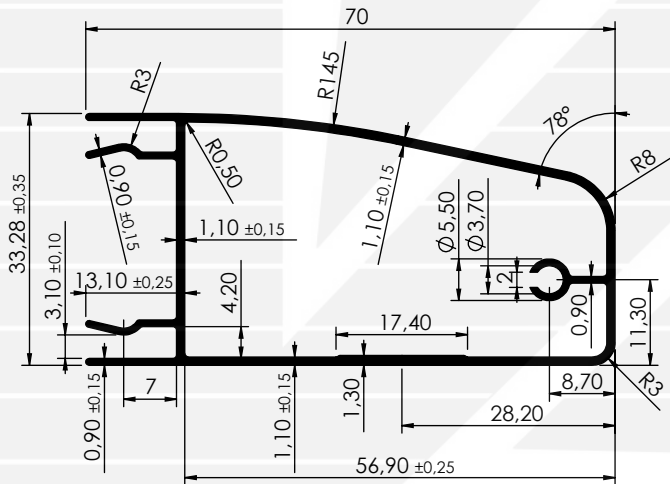
Area (mm²)
265,89
Peso (Kg/m)
0,720

VT-256



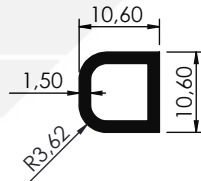
Area (mm²)
474,63
Peso (Kg/m)
1,286

VT-241



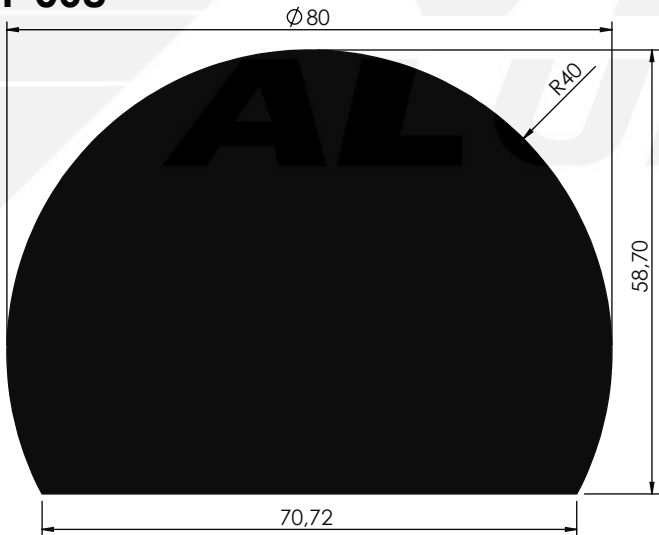
Area (mm²)
246,96
Peso (Kg/m)
0,669

VT-176



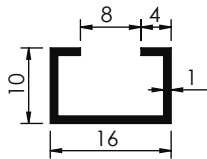
Area (mm²)
51,05
Peso (Kg/m)
0,138

VT-068



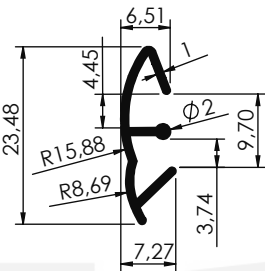
Area (mm²)
3.952,84
Peso (Kg/m)
10,712

VT-069



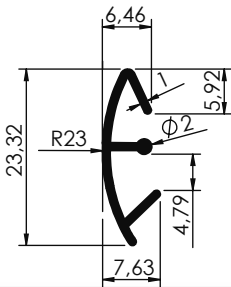
Area (mm²)
40,00
Peso (Kg/m)
0,108

VT-087



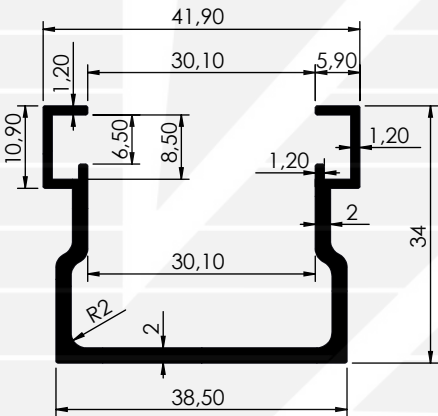
Area (mm²)
43,72
Peso (Kg/m)
0,118

VT-088



Area (mm²)
44,37
Peso (Kg/m)
0,120

VT-099

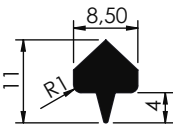


Area (mm²)
220,94
Peso (Kg/m)
0,598

VT-

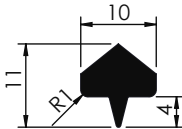
Area (mm²)
Peso (Kg/m)

VT-113



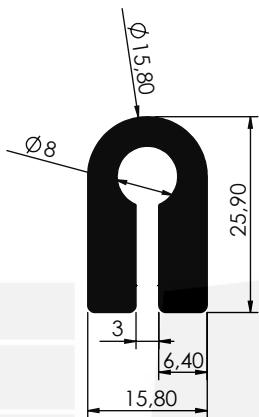
Area (mm²)
47,98
Peso (Kg/m)
0,130

VT-114



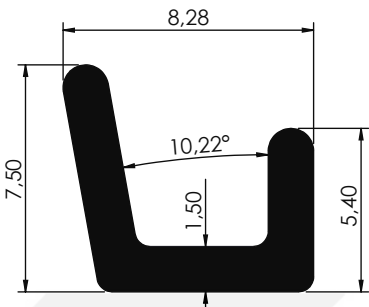
Area (mm²)
55,48
Peso (Kg/m)
0,150

VT-126



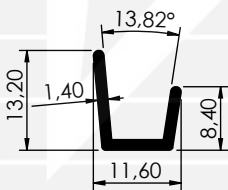
Area (mm²)
289,03
Peso (Kg/m)
0,783

VT-127



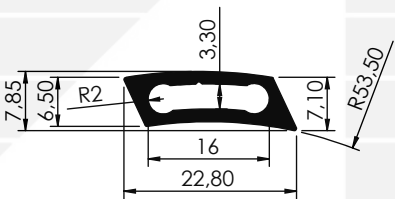
Escala 4:1
Area (mm²)
25,31
Peso (Kg/m)
0,069

VT-128



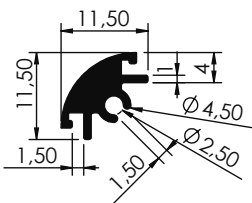
Area (mm²)
39,24
Peso (Kg/m)
0,106

VT-140



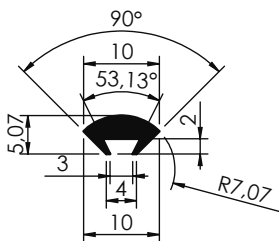
Area (mm²)
79,61
Peso (Kg/m)
0,216

VT-141



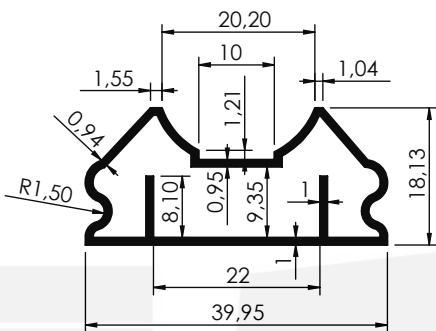
Area (mm²)
54,11
Peso (Kg/m)
0,147

VT-162



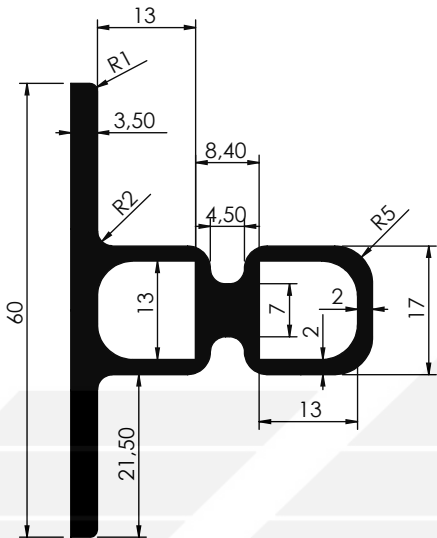
Area (mm²)
27,27
Peso (Kg/m)
0,074

VT-172



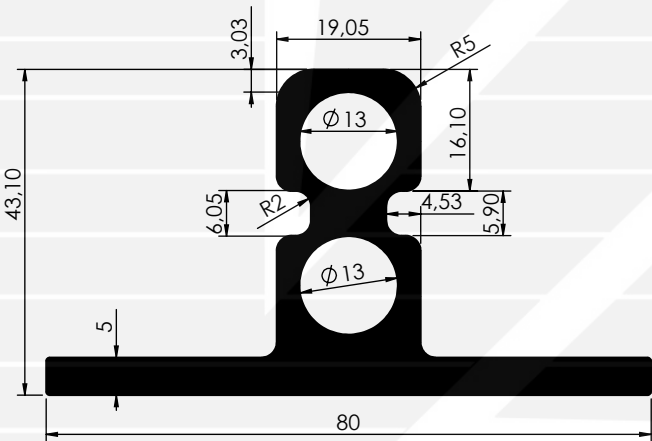
Area (mm²)
126,81
Peso (Kg/m)
0,344

VT-173



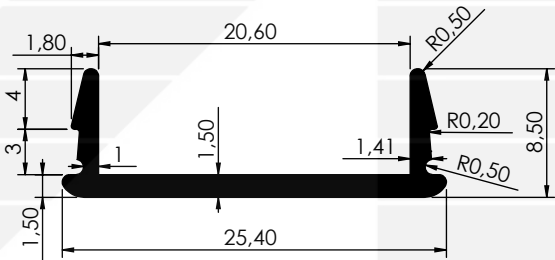
Area (mm²)
451,01
Peso (Kg/m)
1,222

VT-174



Area (mm²)
797,66
Peso (Kg/m)
2,162

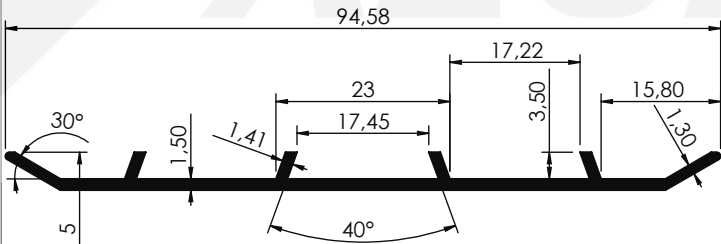
VT-240



Escala 2:1

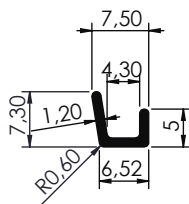
Area (mm²)
55,64
Peso (Kg/m)
0,151

VT-204



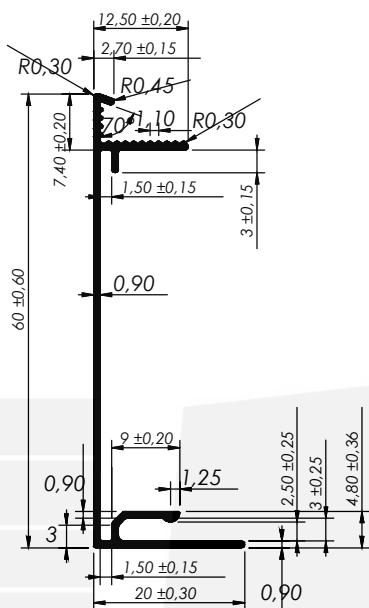
Area (mm²)
161,84
Peso (Kg/m)
0,439

VT-212

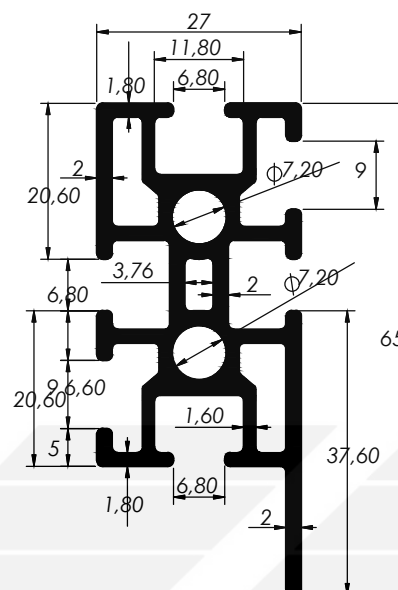


Area (mm²)
19,50
Peso (Kg/m)
0,053

VT-378

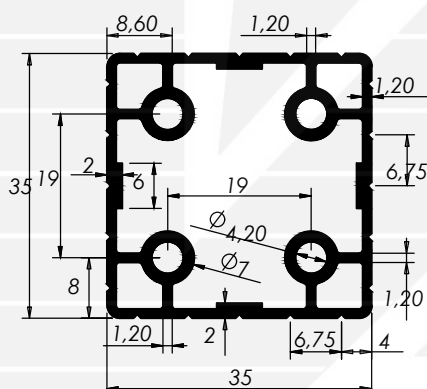


Area (mm²)
98,65
Peso (Kg/m)
0,267



Area (mm²)
500,12
Peso (Kg/m)
1,355

VT-379

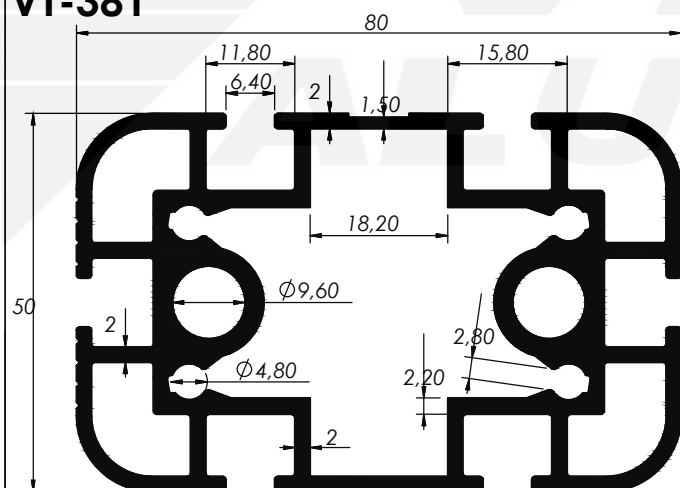


Area (mm²)
305,87
Peso (Kg/m)
0,829

VT-

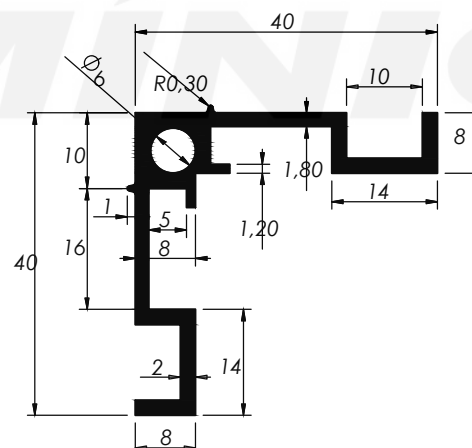
Area (mm²)

Peso (Kg/m)

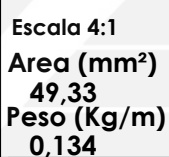
VT-381

Area (mm²)
1.084,67
Peso (Kg/m)
2,939

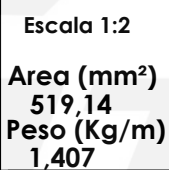
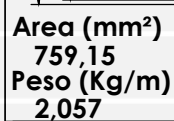
VT-392



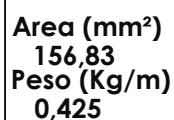
Area (mm²)
236,78
Peso (Kg/m)
0,642

VT-456

VT-401



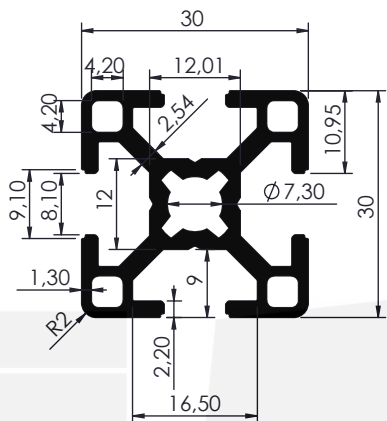
VT-



Area (mm²)

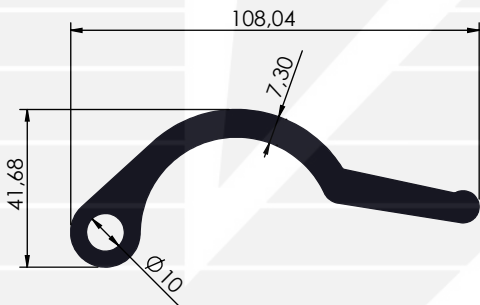
Peso (Kg/m)

VT-455



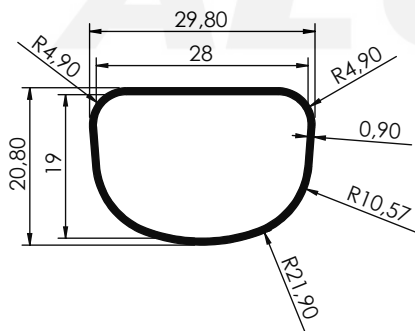
Area (mm²)
312,58
Peso (Kg/m)
0,847

VT-481



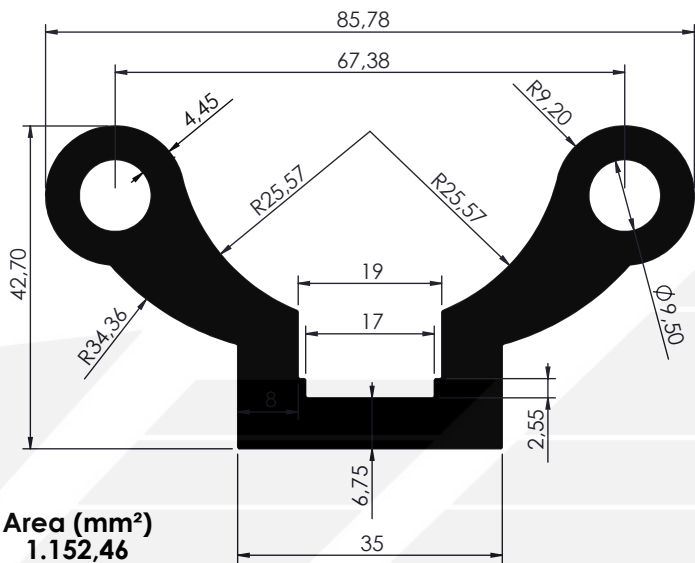
Escala 1:2
Area (mm²)
1.061,95
Peso (Kg/m)
2,878

VT-497



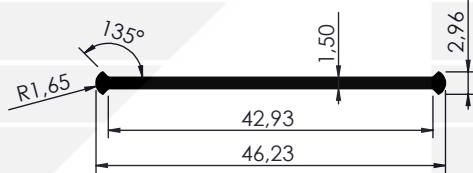
Area (mm²)
74,80
Peso (Kg/m)
0,203

VT-480



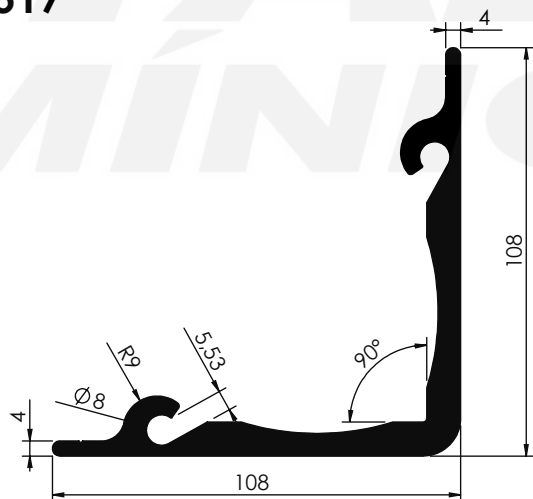
Area (mm²)
1.152,46
Peso (Kg/m)
3,123

VT-490



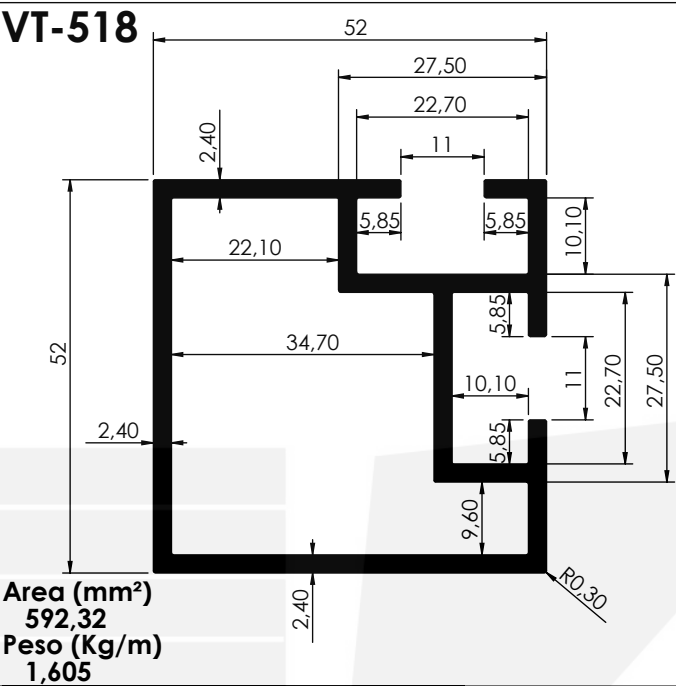
Area (mm²)
71,54
Peso (Kg/m)
0,194

VT-517

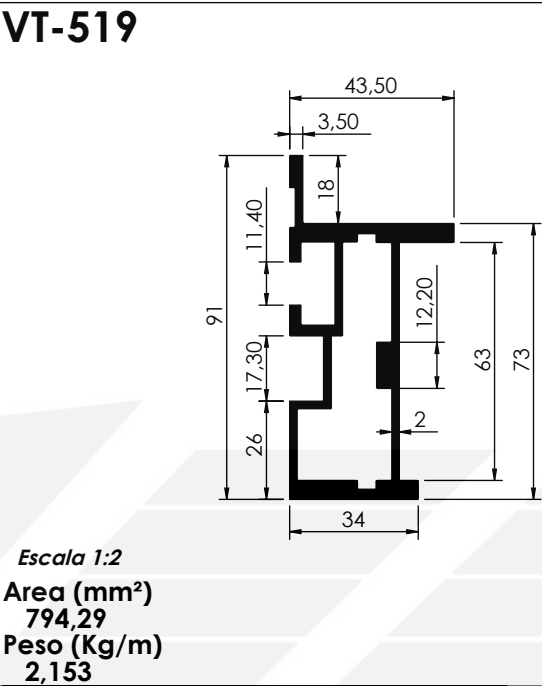


Escala 1:2
Area (mm²)
1.515,43
Peso (Kg/m)
4,107

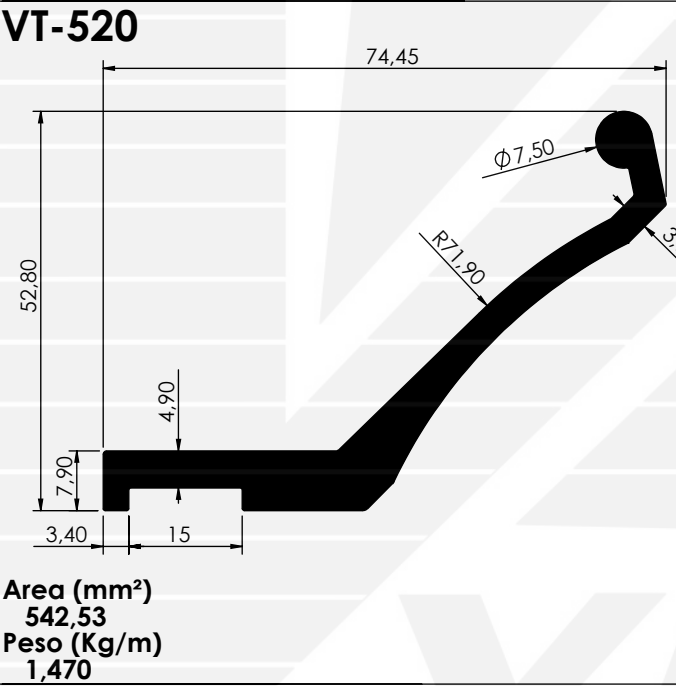
VT-518



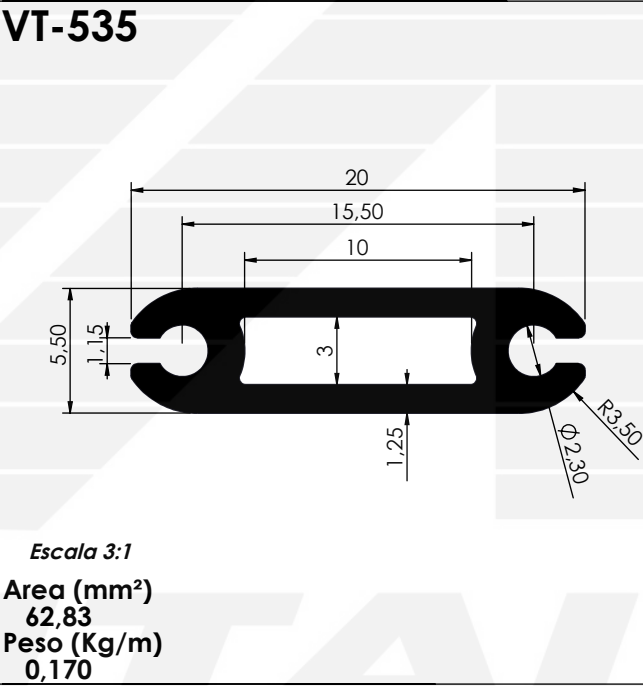
VT-519



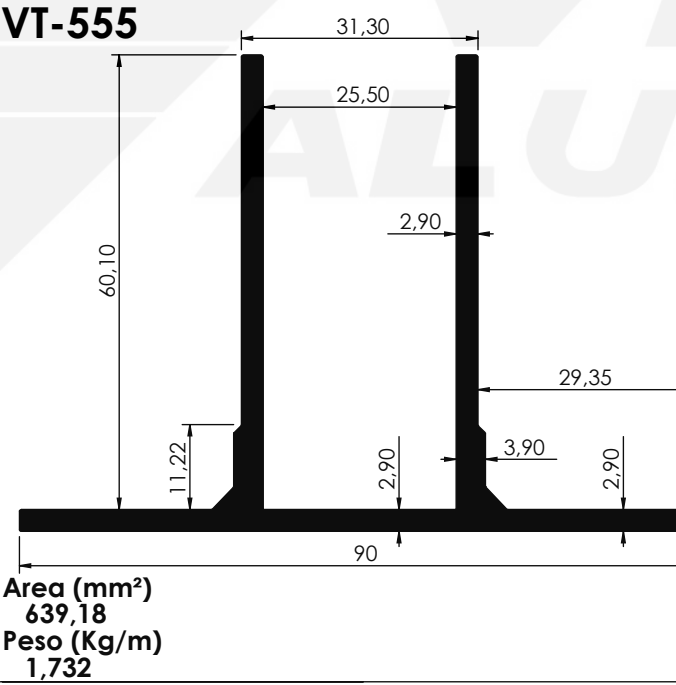
VT-520



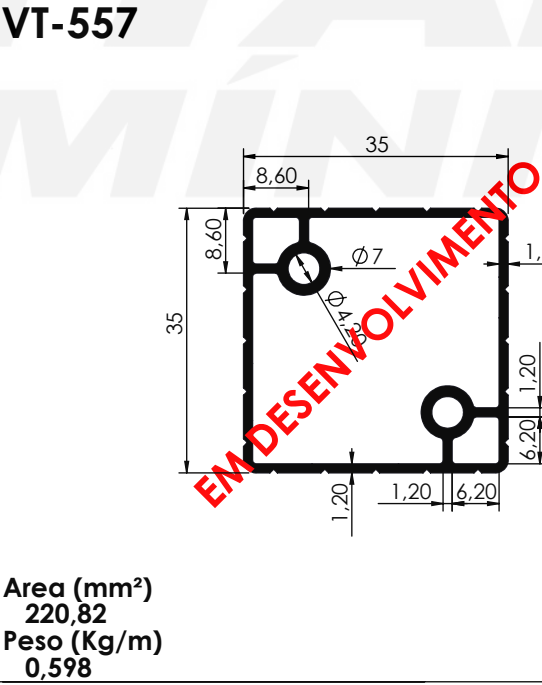
VT-535



VT-555

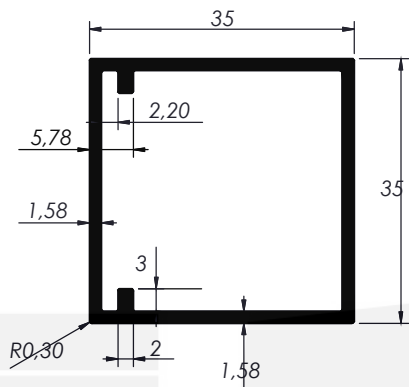


VT-557



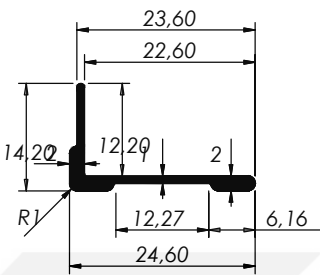
EQUIPAMENTOS INDUSTRIAIS

VT-479



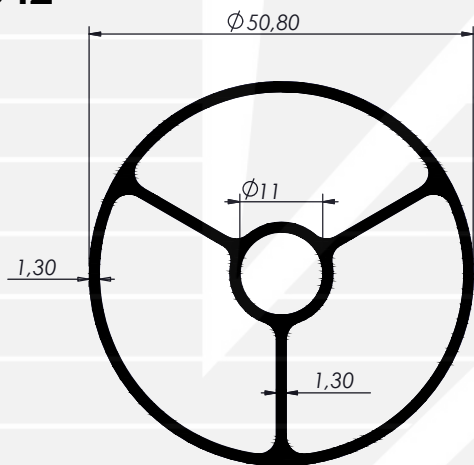
Area (mm²)
223,21
Peso (Kg/m)
0,605

VT-578



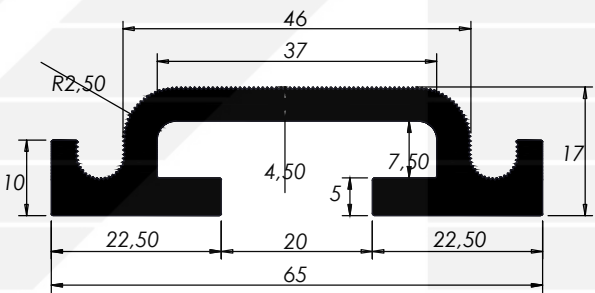
Area (mm²)
51,16
Peso (Kg/m)
0,139

VT-642



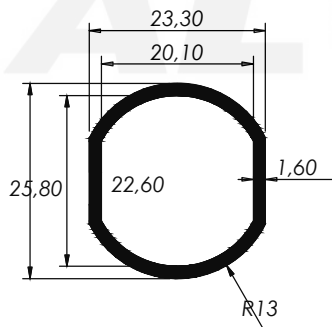
Area (mm²)
332,59
Peso (Kg/m)
0,901

VT-585



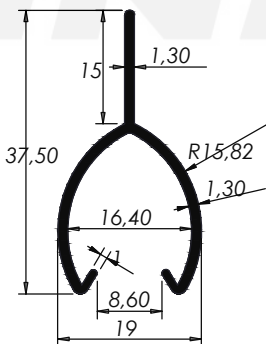
Area (mm²)
511,70
Peso (Kg/m)
1,387

VT-586



Area (mm²)
120,63
Peso (Kg/m)
0,327

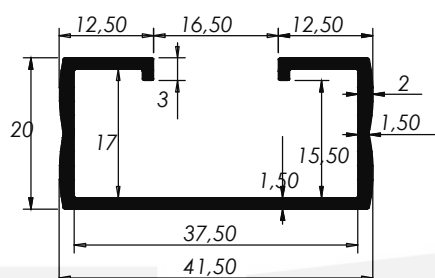
VT-587



Area (mm²)
92,21
Peso (Kg/m)
0,250

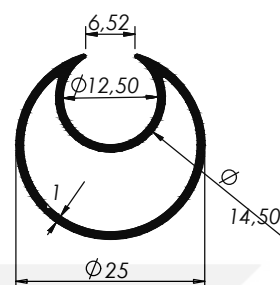
EQUIPAMENTOS INDUSTRIAIS

VT-601



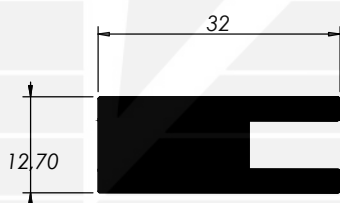
Area (mm²)
164,78
Peso (Kg/m)
0,447

VT-612



Area (mm²)
97,54
Peso (Kg/m)
0,264

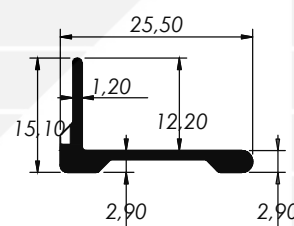
VT-643



Escada 1:2

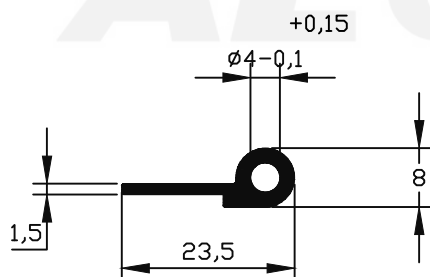
Area (mm²)
329,48
Peso (Kg/m)
0,892

VT-620



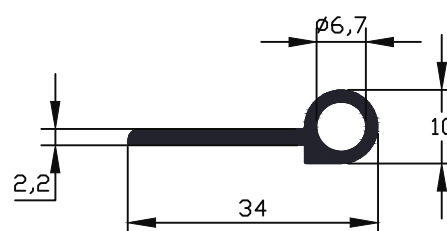
Area (mm²)
67,90
Peso (Kg/m)
0,184

VT-774



Area (mm²)
67,23
Peso (Kg/m)
0,182

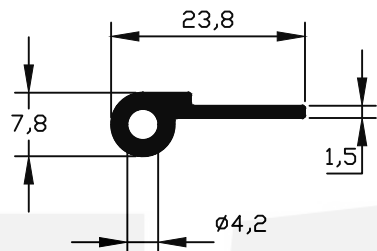
VT-775



Area (mm²)
100,94
Peso (Kg/m)
0,273

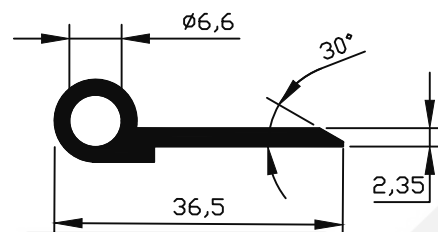
EQUIPAMENTOS INDUSTRIAIS

VT-836



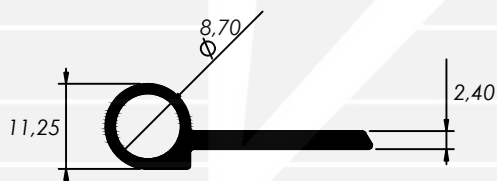
Area (mm²)
64,4
Peso (Kg/m)
0,174

VT-035



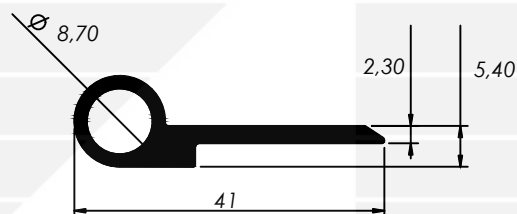
Area (mm²)
119,58
Peso (Kg/m)
0,324

VT-712



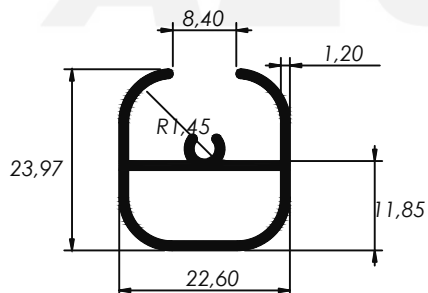
Area (mm²)
103,51
Peso (Kg/m)
0,280

VT-731



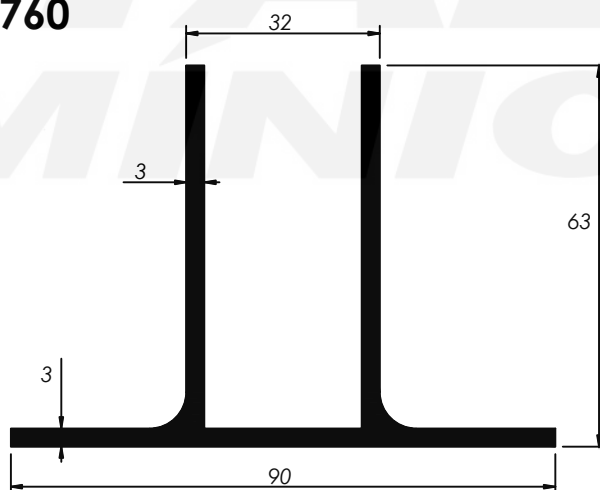
Area (mm²)
138,35
Peso (Kg/m)
0,375

VT-749



Area (mm²)
115,82
Peso (Kg/m)
0,313

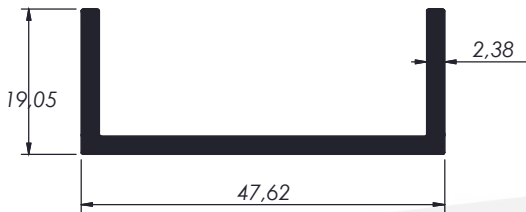
VT-760



Area (mm²)
645,45
Peso (Kg/m)
1,749

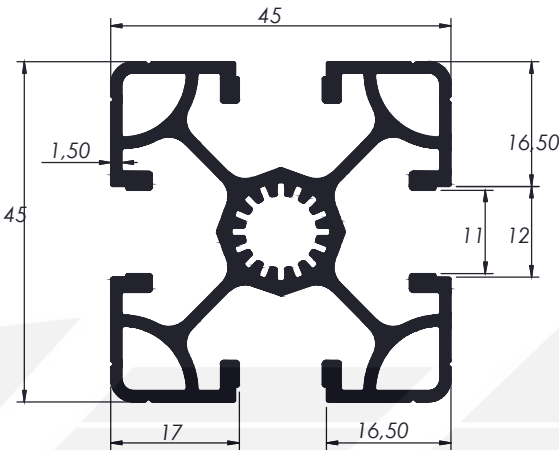
EQUIPAMENTOS INDUSTRIAIS

VT-765



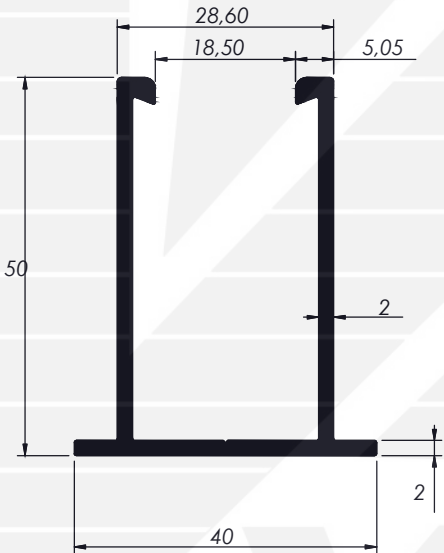
Area (mm²)
192,61
Peso (Kg/m)
0,522

VT-771



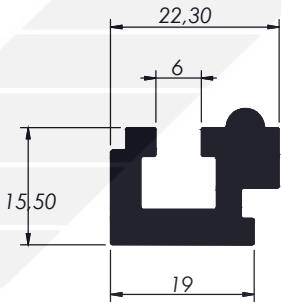
Area (mm²)
540,52
Peso (Kg/m)
1,464

VT-798



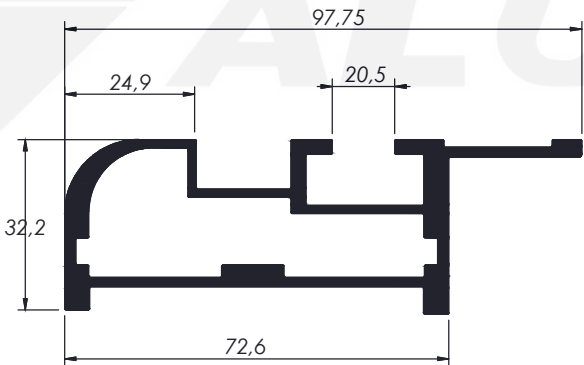
Area (mm²)
289,5
Peso (Kg/m)
0,785

VT-808



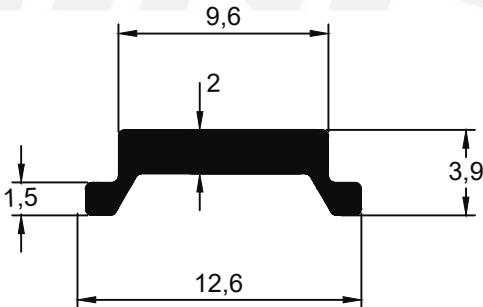
Area (mm²)
225,1
Peso (Kg/m)
0,610

VT-817



Area (mm²)
642,4
Peso (Kg/m)
1,741

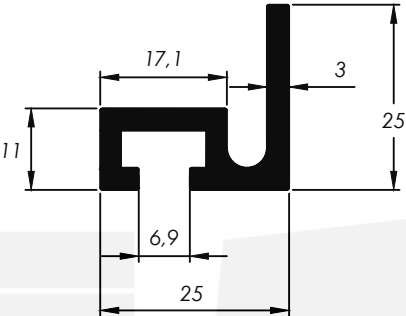
VT-837



Escala 3:1
Area (mm²)
25
Peso (Kg/m)
0,068

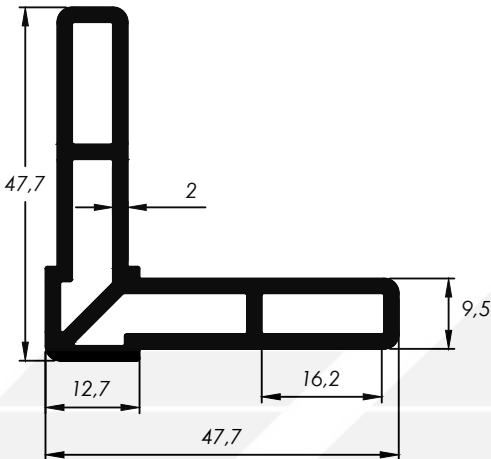
EQUIPAMENTOS INDUSTRIAIS

VT-858



Area (mm²)
204,03
Peso (Kg/m)
0,553

VT-861



Area (mm²)
406,08
Peso (Kg/m)
1,100

VT-

VT-

Area (mm²)
Peso (Kg/m)

Area (mm²)
Peso (Kg/m)

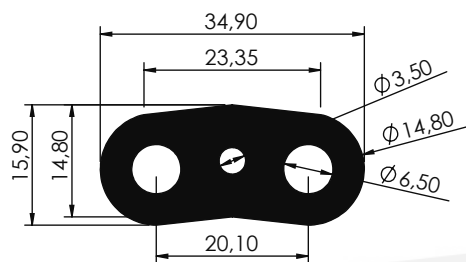
VT-

VT-

Area (mm²)
Peso (Kg/m)

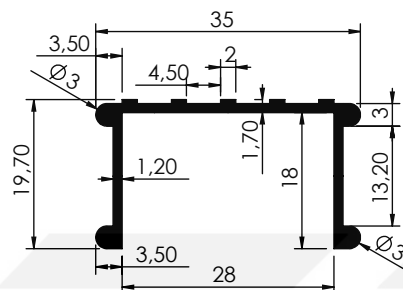
Area (mm²)
Peso (Kg/m)

VT-036



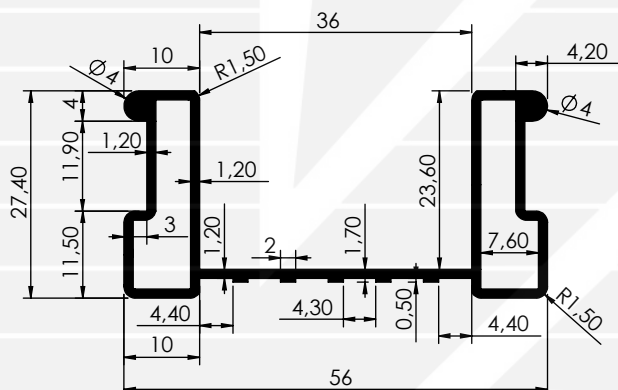
Area (mm²)
393,42
Peso (Kg/m)
1,066

VT-037



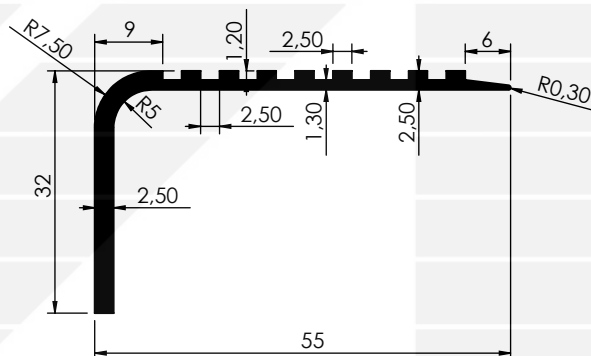
Area (mm²)
108,42
Peso (Kg/m)
0,294

VT-038



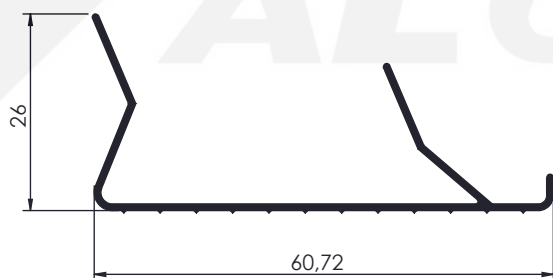
Area (mm²)
232,94
Peso (Kg/m)
0,631

VT-409



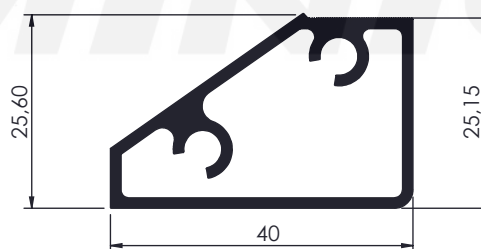
Area (mm²)
170,99
Peso (Kg/m)
0,463

VT-660



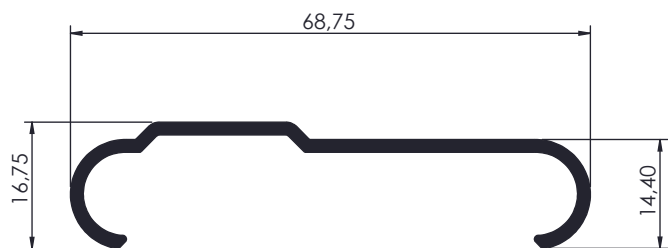
Area (mm²)
158,03
Peso (Kg/m)
0,428

VT-661



Area (mm²)
859,96
Peso (Kg/m)
2,330

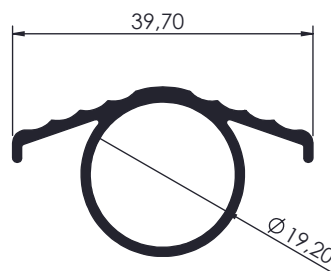
VT-662



Escala 2:1

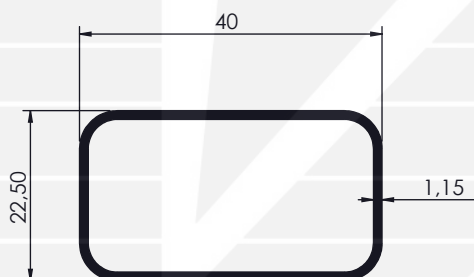
Area (mm²)
653
Peso (Kg/m)
1,769

VT-663



Area (mm²)
133,73
Peso (Kg/m)
0,362

VT-672



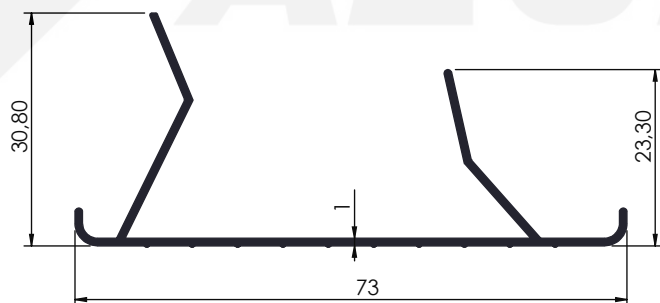
Area (mm²)
129,72
Peso (Kg/m)
0,351

VT-673



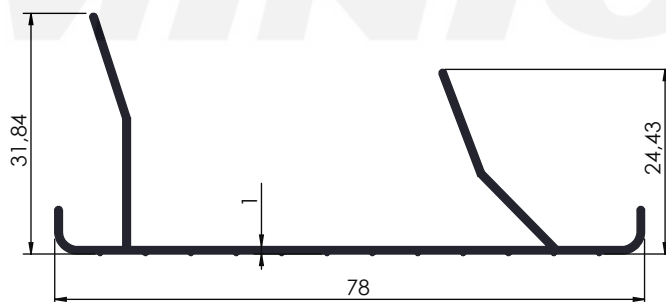
Area (mm²)
189,45
Peso (Kg/m)
0,513

VT-733



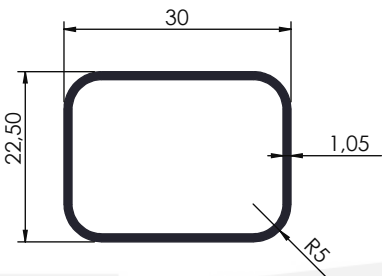
Area (mm²)
138,53
Peso (Kg/m)
0,375

VT-734



Area (mm²)
146,83
Peso (Kg/m)
0,398

VT-738



Area (mm²)
 97,77
 Peso (Kg/m)
 0,265

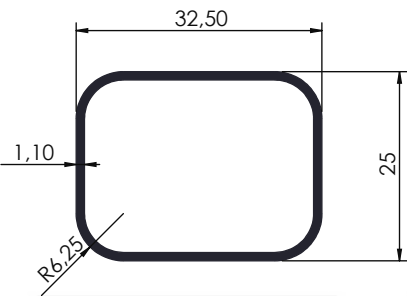
VT-

Area (mm²)
 Peso (Kg/m)

VT-

Area (mm²)
 Peso (Kg/m)

VT-745



Area (mm²)
 110,9
 Peso (Kg/m)
 0,300

VT-

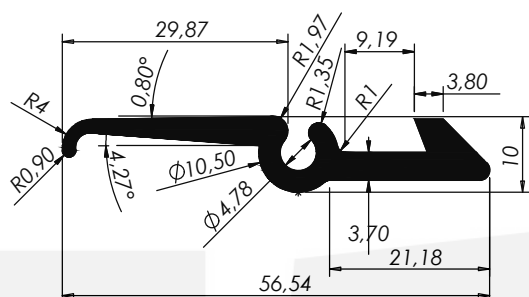
Area (mm²)
 Peso (Kg/m)

VT-

Area (mm²)
 Peso (Kg/m)

ESQUADRIAS

VT-034

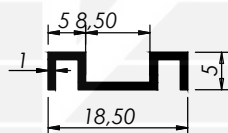


Area (mm²)
230,39
Peso (Kg/m)
0,624

VT-

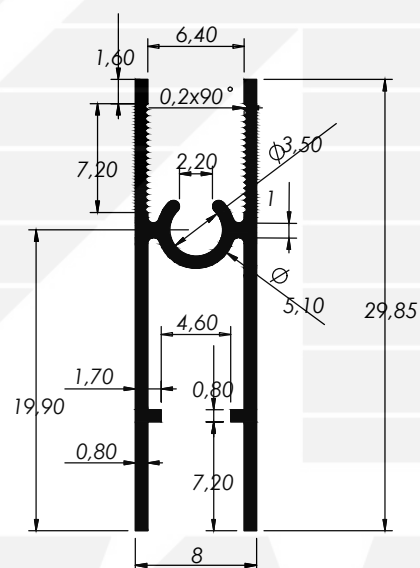
Area (mm²)
Peso (Kg/m)

VT-065



Area (mm²)
34,59
Peso (Kg/m)
0,093

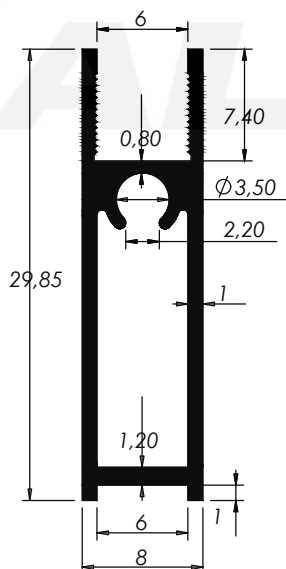
VT-075



Escala 2:1

Area (mm²)
57,90
Peso (Kg/m)
0,156

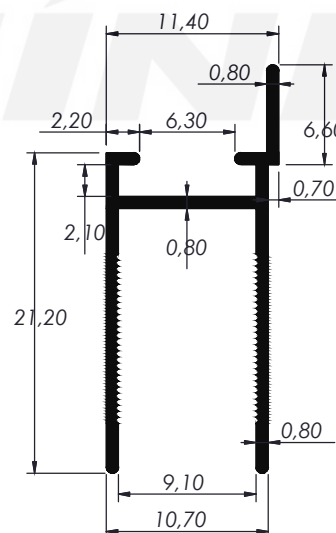
VT-080



Escala 2:1

Area (mm²)
80,10
Peso (Kg/m)
0,217

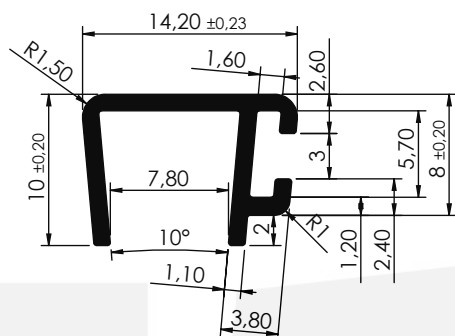
VT-081



Escala 2:1

Area (mm²)
46,06
Peso (Kg/m)
0,125

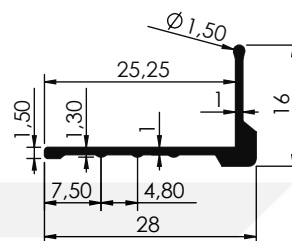
VT-317



Escala 2:1

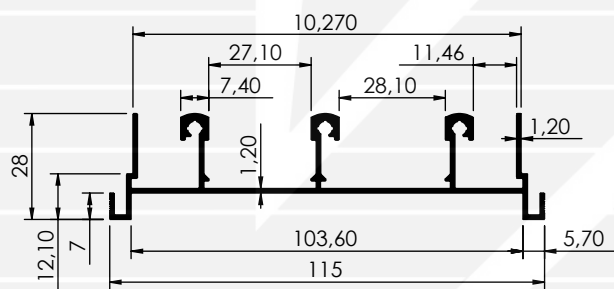
Area (mm²)
40,00
Peso (Kg/m)
0,109

VT-096



Area (mm²)
55,86
Peso (Kg/m)
0,151

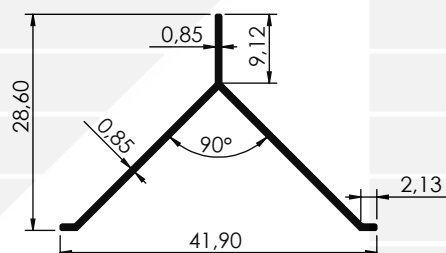
VT-452



Escala 1:2

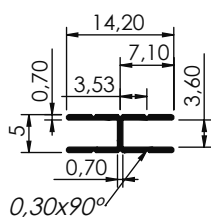
Area (mm²)
369,69
Peso (Kg/m)
1,002

VT-121



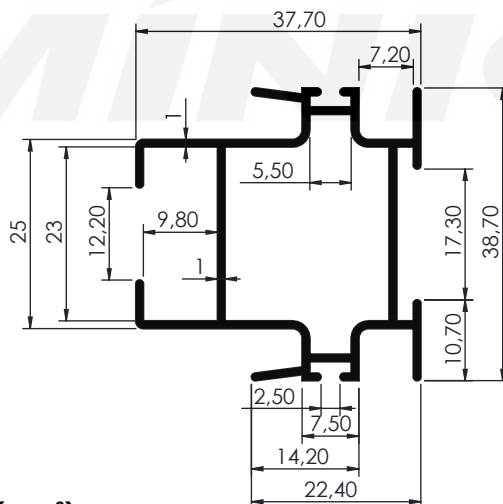
Area (mm²)
56,35
Peso (Kg/m)
0,153

VT-158



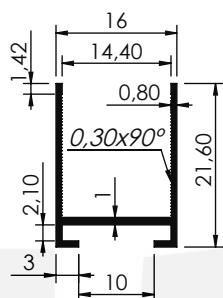
Area (mm²)
21,65
Peso (Kg/m)
0,059

VT-312



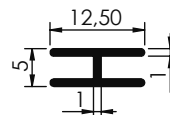
Area (mm²)
193,70
Peso (Kg/m)
0,525

VT-171



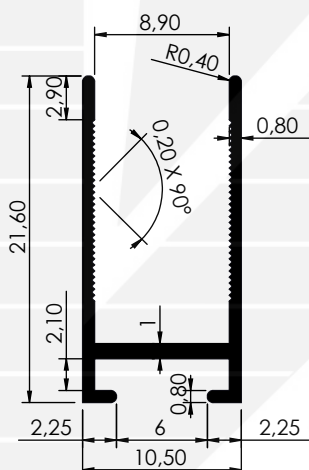
Area (mm²)
49,22
Peso (Kg/m)
0,133

VT-189



Area (mm²)
27,57
Peso (Kg/m)
0,075

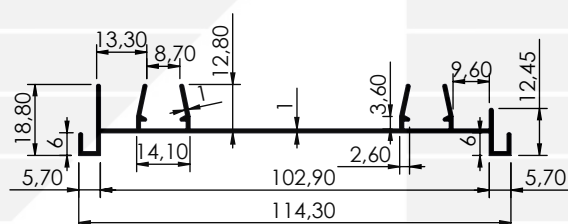
VT-205



Escala 2:1

Area (mm²)
43,11
Peso (Kg/m)
0,117

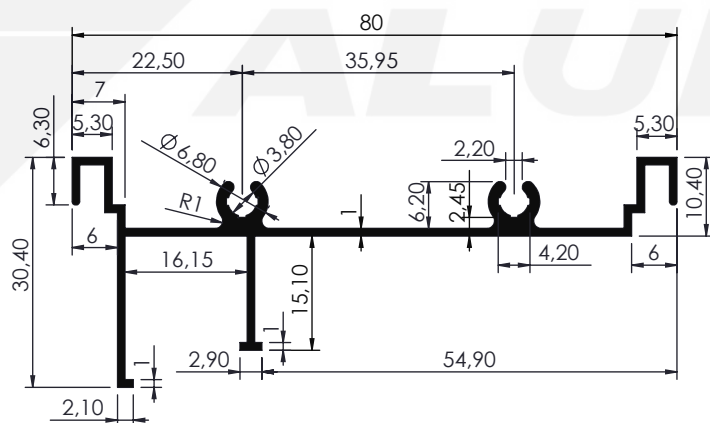
VT-213



Escala 1:2

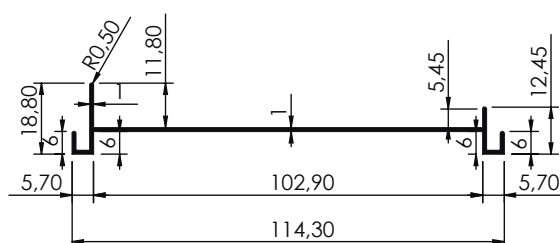
Area (mm²)
207,33
Peso (Kg/m)
0,562

VT-214



Area (mm²)
193,52
Peso (Kg/m)
0,524

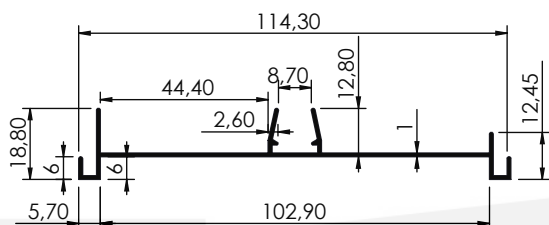
VT-215



Escala 1:2

Area (mm²)
153,12
Peso (Kg/m)
0,415

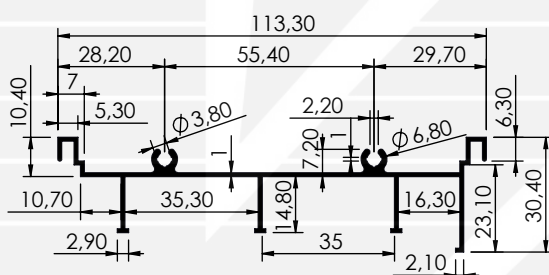
VT-216



Escaia 1:2

Area (mm²)
180,23
Peso (Kg/m)
0,488

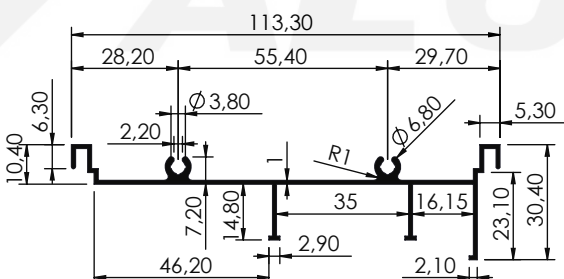
VT-222



Escaia 1:2

Area (mm²)
259,84
Peso (Kg/m)
0,704

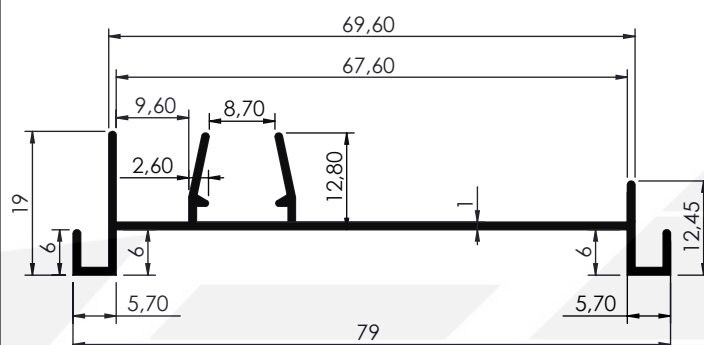
VT-237



Escaia 1:2

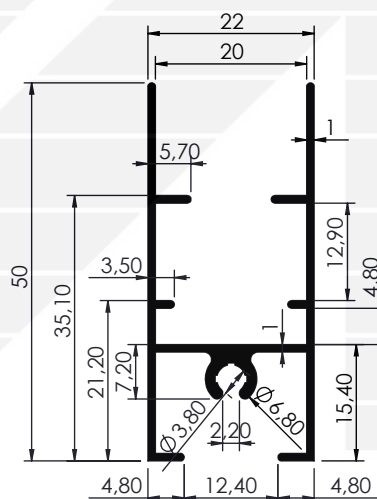
Area (mm²)
243,14
Peso (Kg/m)
0,659

VT-217



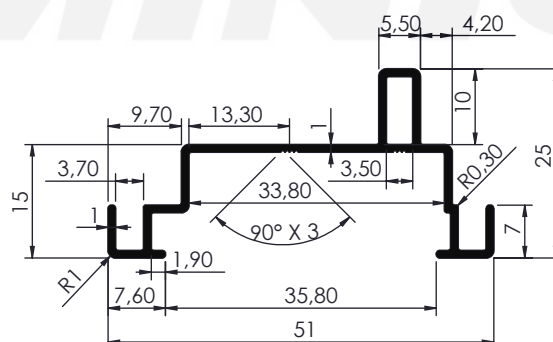
Area (mm²)
145,13
Peso (Kg/m)
0,393

VT-224



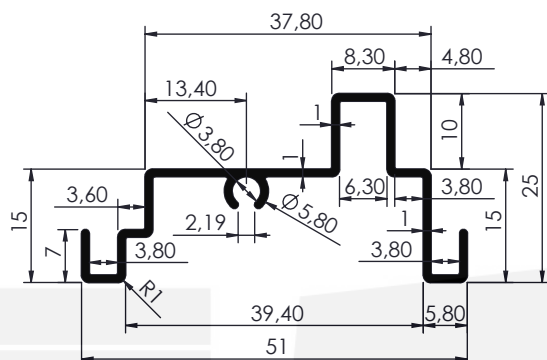
Area (mm²)
164,20
Peso (Kg/m)
0,445

VT-313



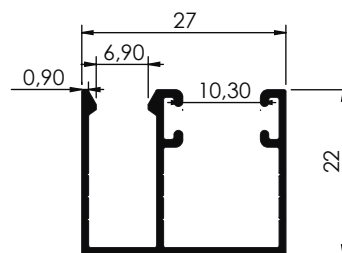
Area (mm²)
116,03
Peso (Kg/m)
0,314

VT-314



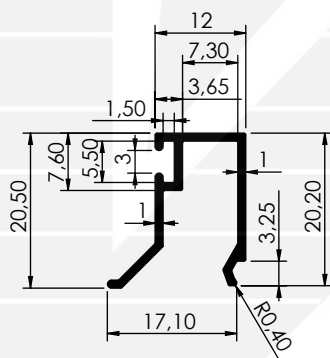
Area (mm²)
117,92
Peso (Kg/m)
0,320

VT-752



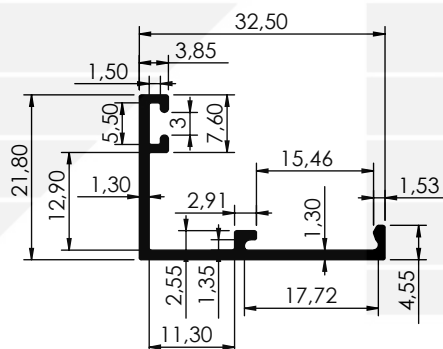
Area (mm²)
99,51
Peso (Kg/m)
0,269

VT-396



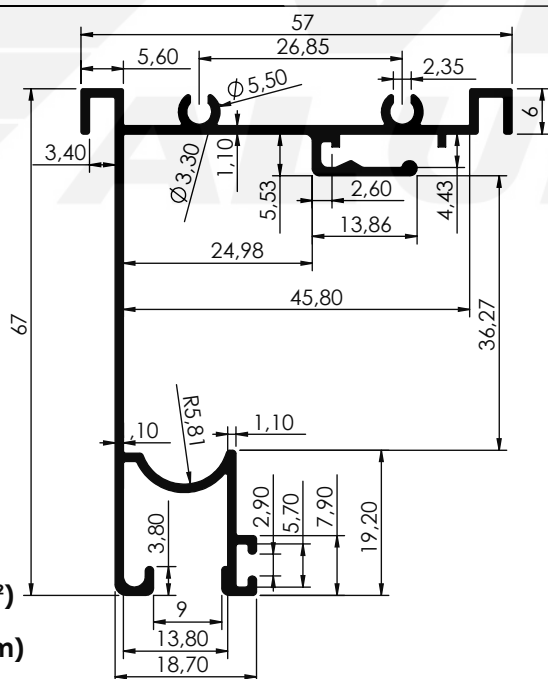
Area (mm²)
63,85
Peso (Kg/m)
0,173

VT-397



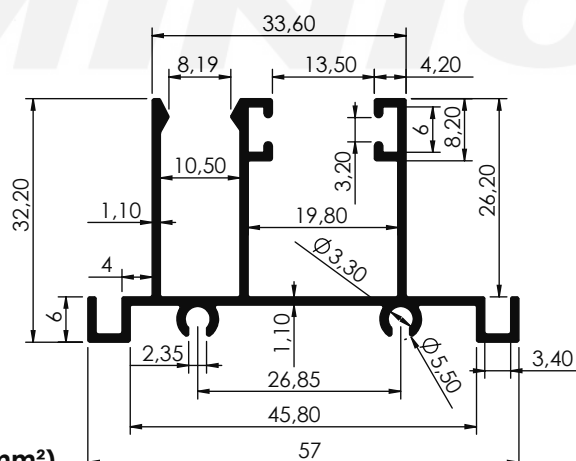
Area (mm²)
85,94
Peso (Kg/m)
0,233

VT-398



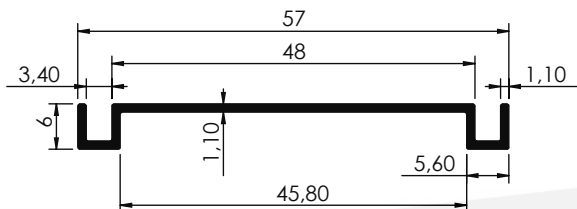
Area (mm²)
258,23
Peso (Kg/m)
0,700

VT-399



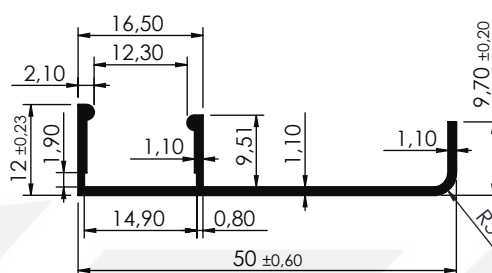
Area (mm²)
215,05
Peso (Kg/m)
0,583

VT-400



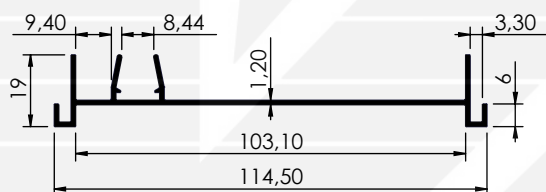
Area (mm²)
84,18
Peso (Kg/m)
0,228

VT-405



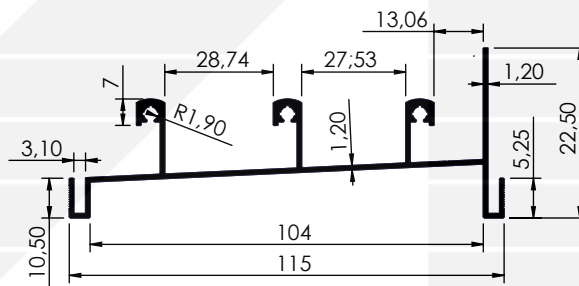
Area (mm²)
87,75
Peso (Kg/m)
0,238

VT-446



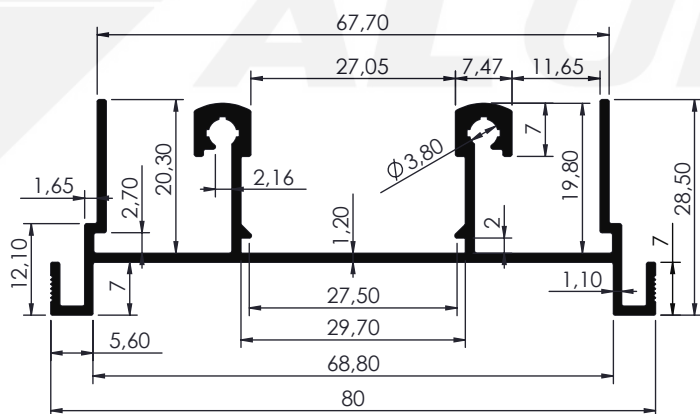
Escala 1:2
Area (mm²)
222,64
Peso (Kg/m)
0,603

VT-447



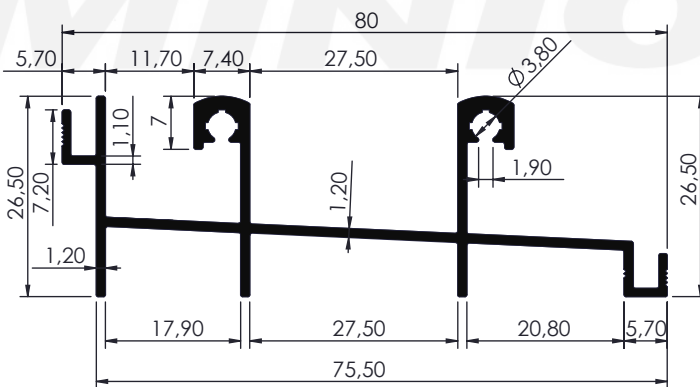
Escala 1:2
Area (mm²)
359,62
Peso (Kg/m)
0,975

VT-448



Area (mm²)
227,16
Peso (Kg/m)
0,751

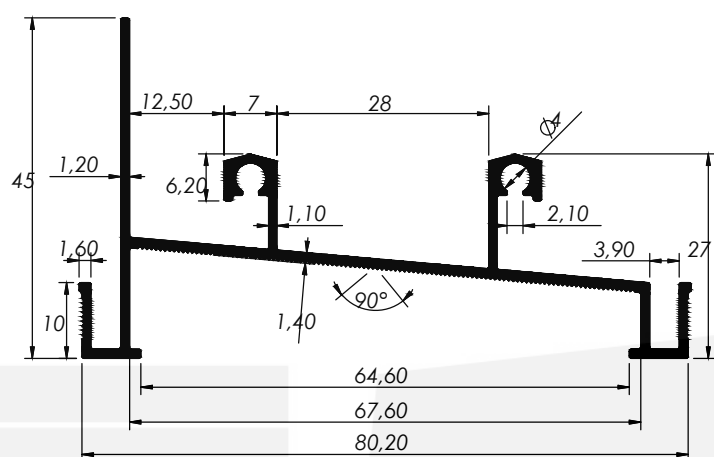
VT-449



Area (mm²)
251,10
Peso (Kg/m)
0,680

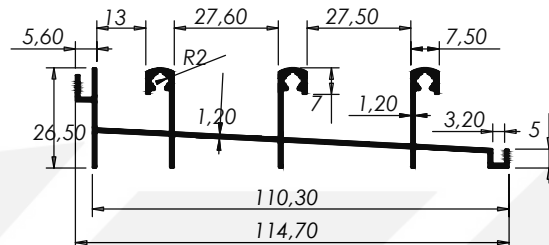
ESQUADRIAS

VT-450



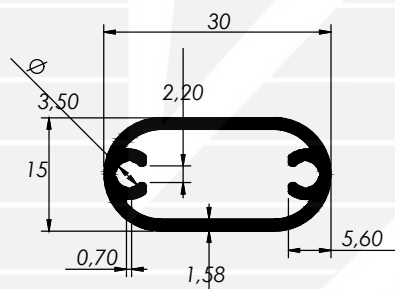
Area (mm²)
251,60
Peso (Kg/m)
0,682

VT-451



Escala 1:2
Area (mm²)
338,35
Peso (Kg/m)
0,917

VT-474

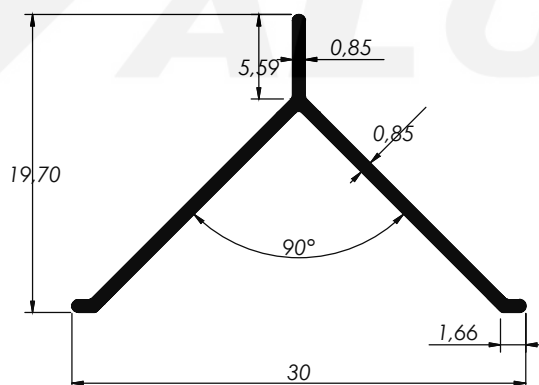


Area (mm²)
137,93
Peso (Kg/m)
0,374

VT-

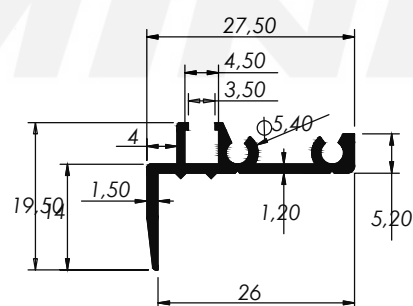
Area (mm²)
Peso (Kg/m)

VT-494



Escala 2:1
Area (mm²)
39,36
Peso (Kg/m)
0,107

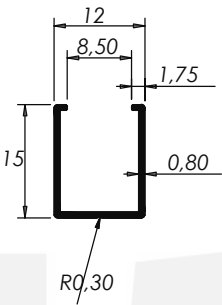
VT-500



Area (mm²)
78,97
Peso (Kg/m)
0,214

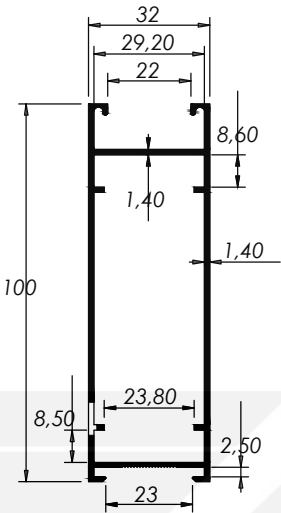
ESQUADRIAS

VT-515



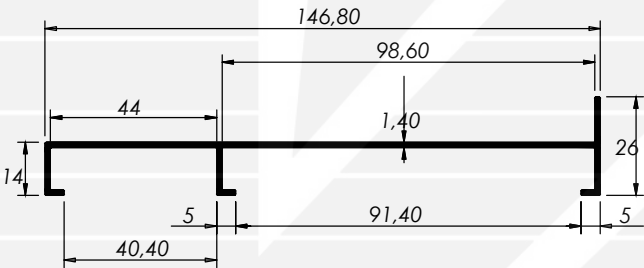
Area (mm²)
33,49
Peso (Kg/m)
0,091

VT-580



Escala 1:2
Area (mm²)
393,94
Peso (Kg/m)
1,068

VT-581

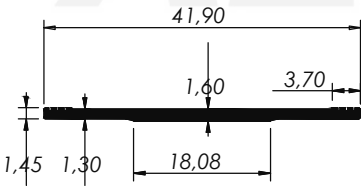


Escala 1:2
Area (mm²)
290,28
Peso (Kg/m)
0,787

VT-

Area (mm²)
Peso (Kg/m)

VT-603



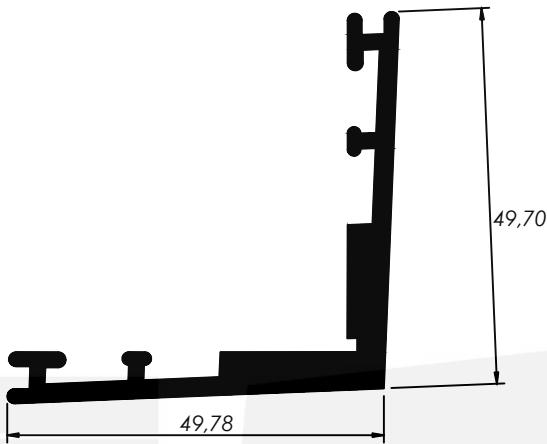
Area (mm²)
60,61
Peso (Kg/m)
0,164

VT-

Area (mm²)
Peso (Kg/m)

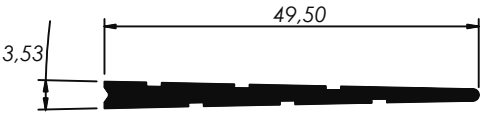
ESQUADRIAS

VT-637



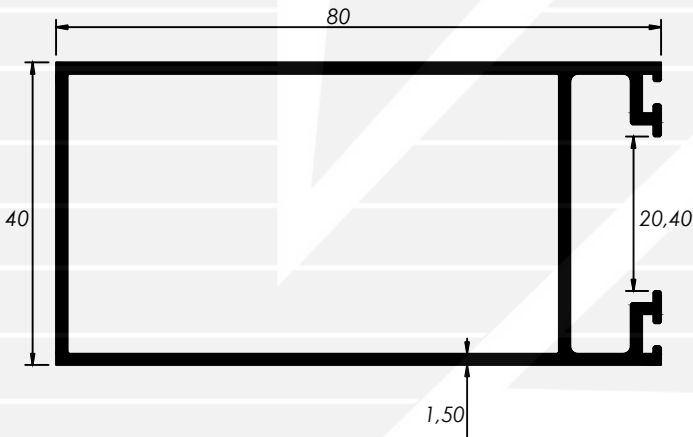
Area (mm²)
389,83
Peso (Kg/m)
1,056

VT-638



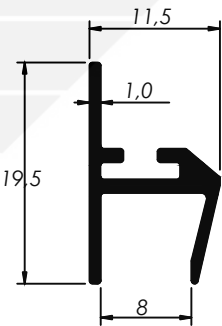
Area (mm²)
117,06
Peso (Kg/m)
0,317

VT-739



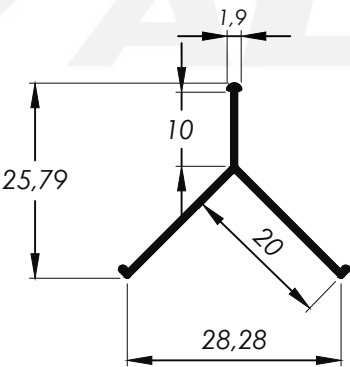
Area (mm²)
387,91
Peso (Kg/m)
1,051

VT-744



Escala 1,5:1
Area (mm²)
49,45
Peso (Kg/m)
0,134

VT-846

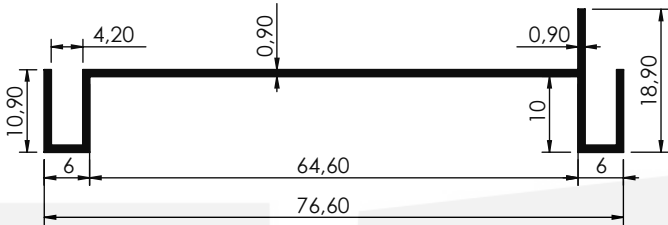


Area (mm²)
46,30
Peso (Kg/m)
0,126

VT-

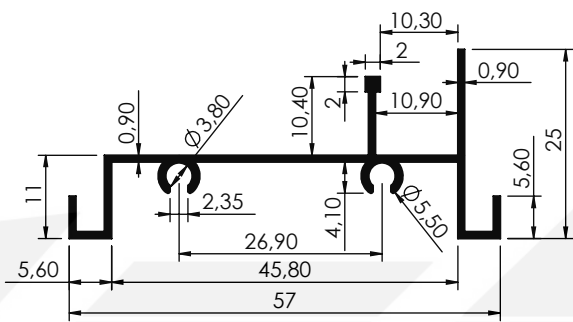
Area (mm²)
Peso (Kg/m)

VT-012



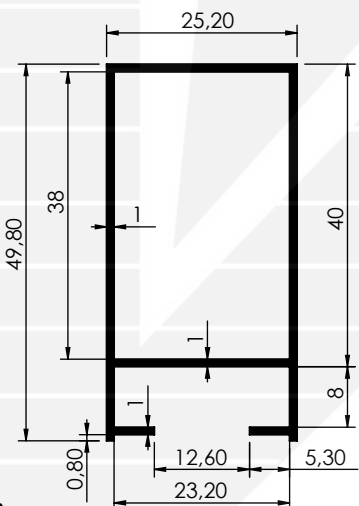
Area (mm²)
112,14
Peso (Kg/m)
0,304

VT-053



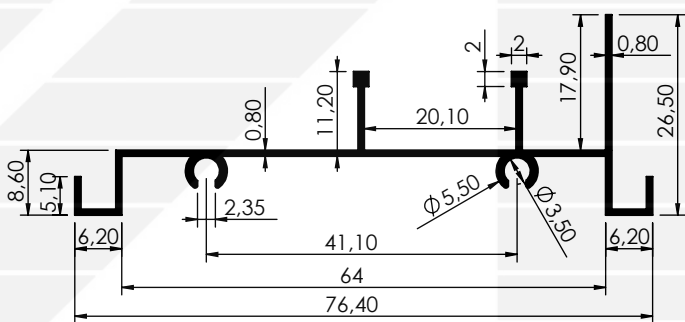
Area (mm²)
120,51
Peso (Kg/m)
0,326

VT-056



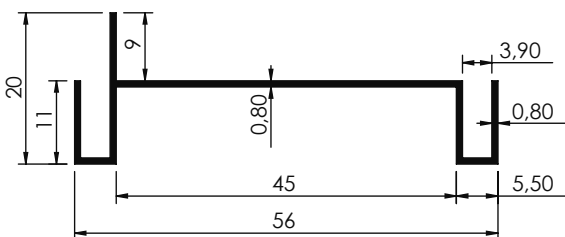
Area (mm²)
156,60
Peso (Kg/m)
0,424

VT-066



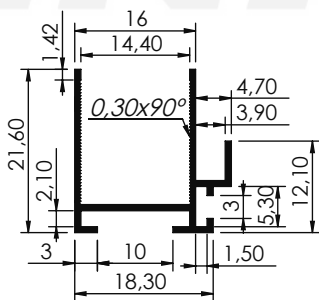
Area (mm²)
134,94
Peso (Kg/m)
0,365

VT-177

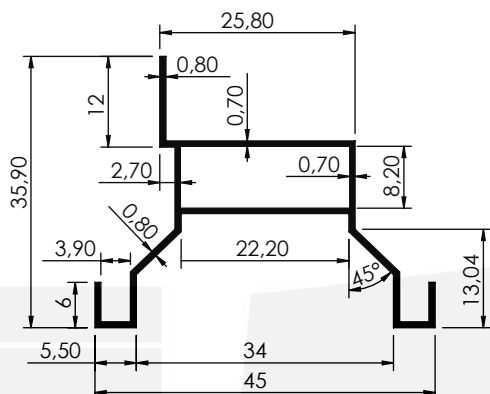


Area (mm²)
84,64
Peso (Kg/m)
0,229

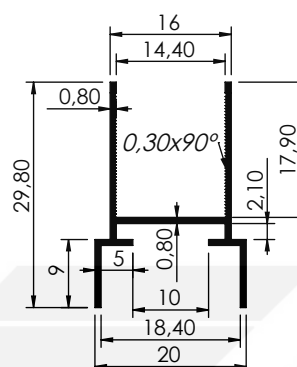
VT-179



Area (mm²)
57,90
Peso (Kg/m)
0,157

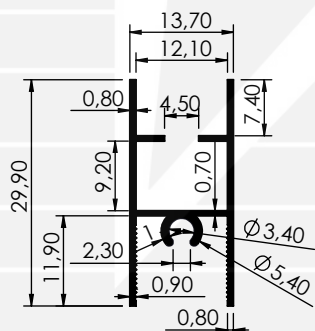
VT-184

Area (mm²)
99,39
Peso (Kg/m)
0,269

VT-185

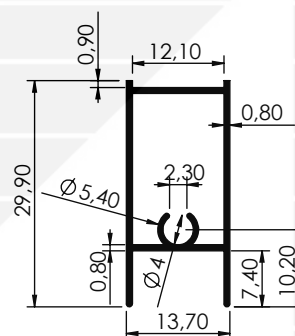
Area (mm²)
62,62
Peso (Kg/m)
0,170

VT-210



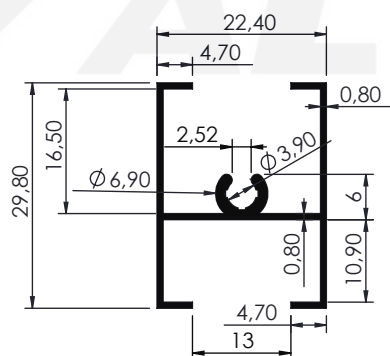
Area (mm²)
69,72
Peso (Kg/m)
0,189

VT-211



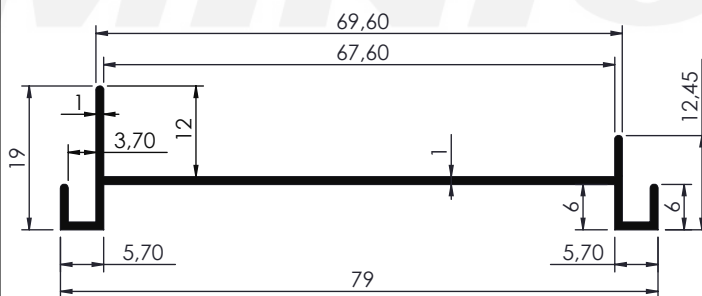
Area (mm²)
73,77
Peso (Kg/m)
0,199

VT-220



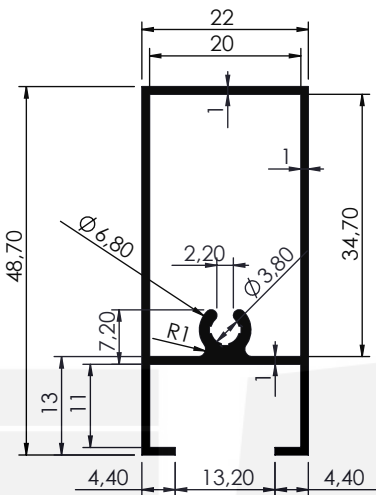
Area (mm²)
94,12
Peso (Kg/m)
0,255

VT-223



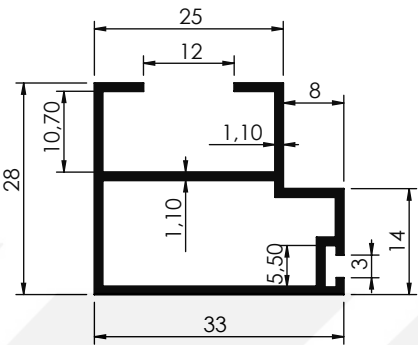
Area (mm²)
118,02
Peso (Kg/m)
0,320

VT-221



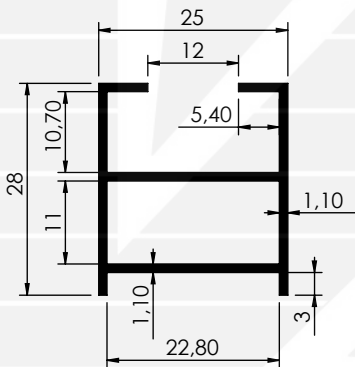
Area (mm²)
167,26
Peso (Kg/m)
0,453

VT-288



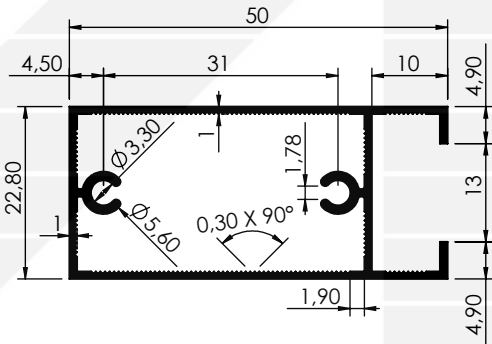
Area (mm²)
146,24
Peso (Kg/m)
0,396

VT-289



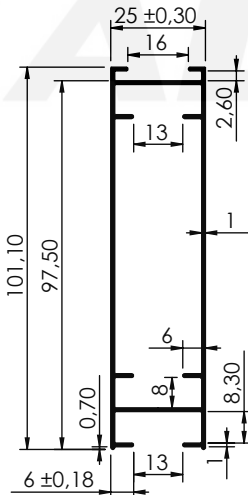
Area (mm²)
123,64
Peso (Kg/m)
0,343

VT-290



Area (mm²)
162,36
Peso (Kg/m)
0,440

VT-408

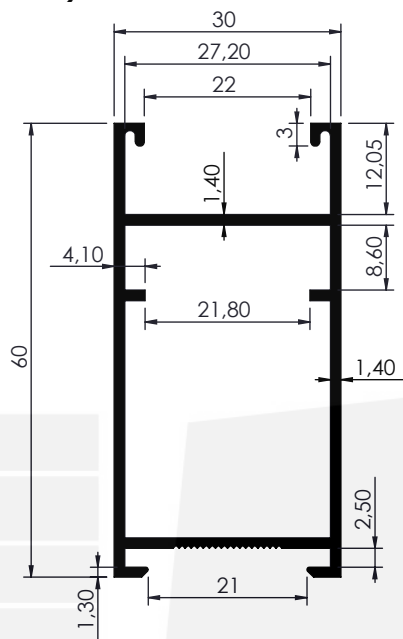


Escala 1:2
Area (mm²)
284,46
Peso (Kg/m)
0,771

VT-

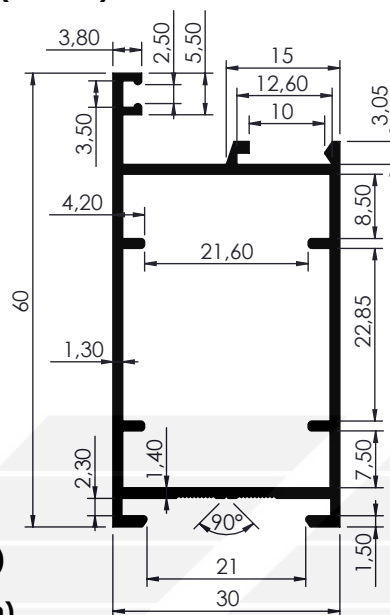
Area (mm²)
Peso (Kg/m)

VT-423 (VA-144)



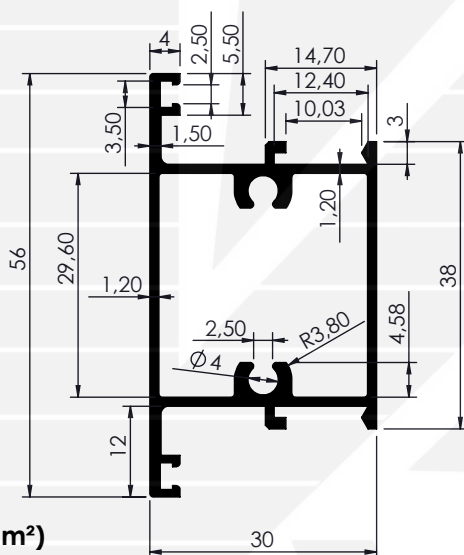
Area (mm²)
266,06
Peso (Kg/m)
0,721

VT-424 (VP-270)



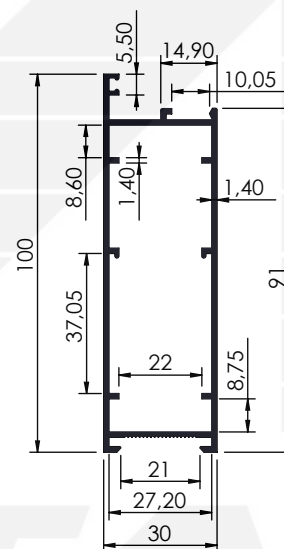
Area (mm²)
251,25
Peso (Kg/m)
0,681

VT-427 (VP-078)



Area (mm²)
251,55
Peso (Kg/m)
0,682

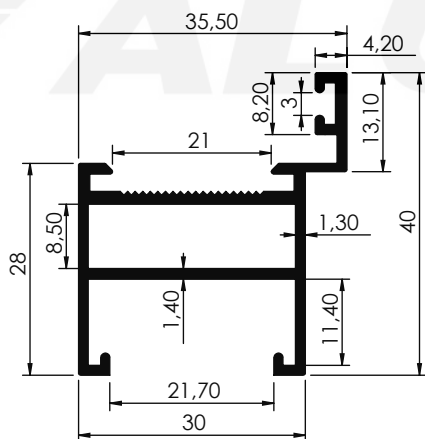
VT-428 (VP-264)



Escala 1:2

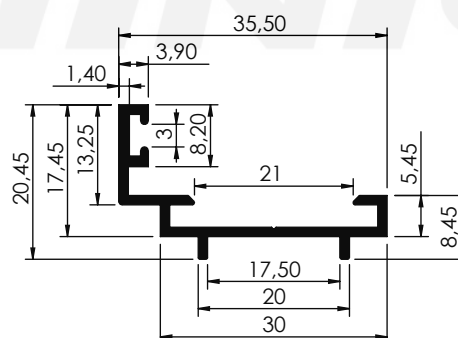
Area (mm²)
383,59
Peso (Kg/m)
1,040

VT-429 (VP-273)



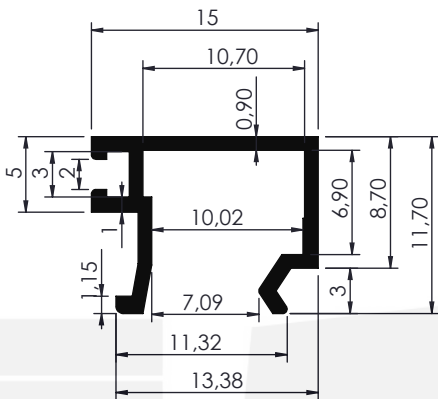
Area (mm²)
205,95
Peso (Kg/m)
0,558

VT-430 (VL-519)



Area (mm²)
94,82
Peso (Kg/m)
0,257

VT-431 (VU-482)



Escala 2:1

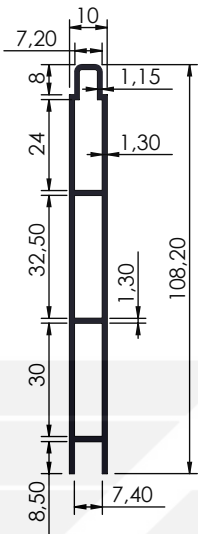
Area (mm²)

41,02

Peso (Kg/m)

0,111

VT-436



Escala 1:2

Area (mm²)

315,89

Peso (Kg/m)

0,856

VT-

VT-

Area (mm²)

Peso (Kg/m)

Area (mm²)

Peso (Kg/m)

VT-

VT-

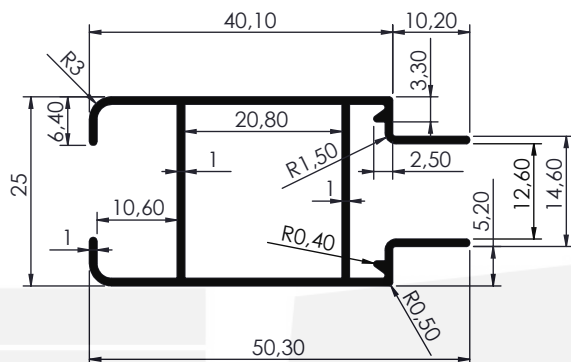
Area (mm²)

Peso (Kg/m)

Area (mm²)

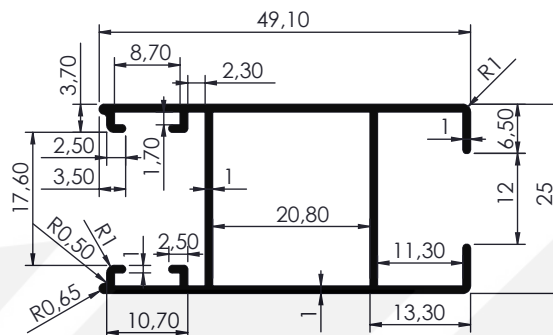
Peso (Kg/m)

VT-234



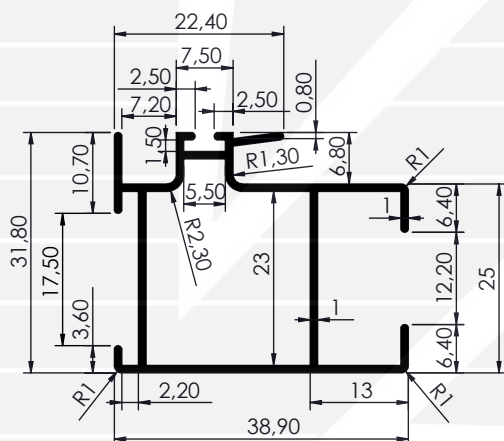
Area (mm²)
167,64
Peso (Kg/m)
0,454

VT-235 (VSU-055)



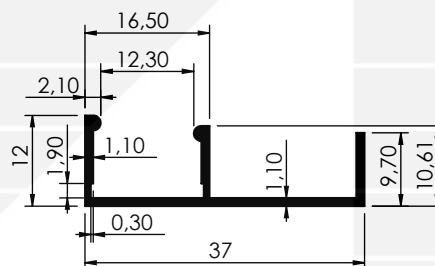
Area (mm²)
170,73
Peso (Kg/m)
0,463

VT-236 (VSU-056)



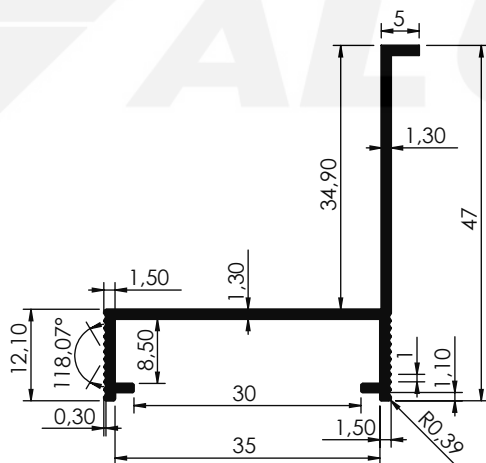
Area (mm²)
167,20
Peso (Kg/m)
0,453

VT-322



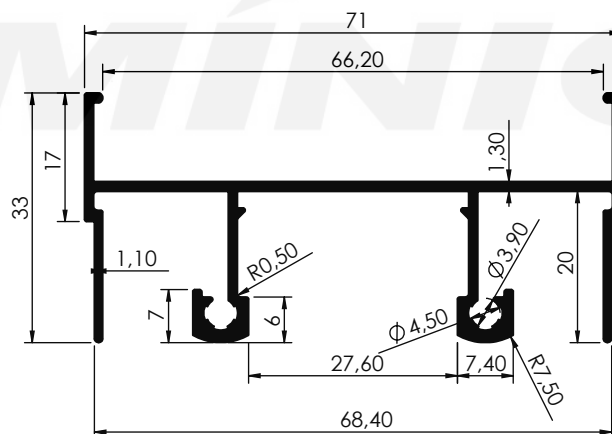
Area (mm²)
74,21
Peso (Kg/m)
0,201

VT-323



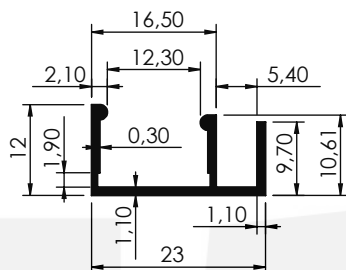
Area (mm²)
134,40
Peso (Kg/m)
0,364

VT-324 (VSU-001)



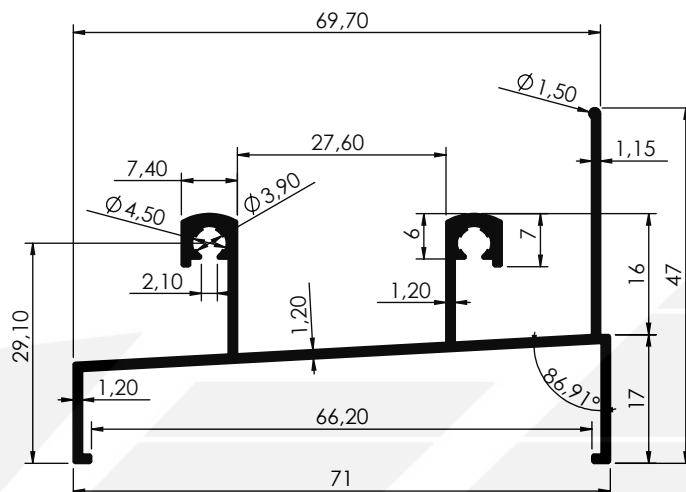
Area (mm²)
265,07
Peso (Kg/m)
0,723

VT-325



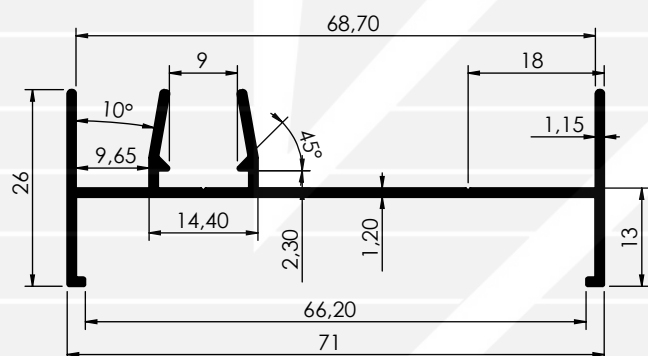
Area (mm²)
59,20
Peso (Kg/m)
0,160

VT-326 (VSU-002)



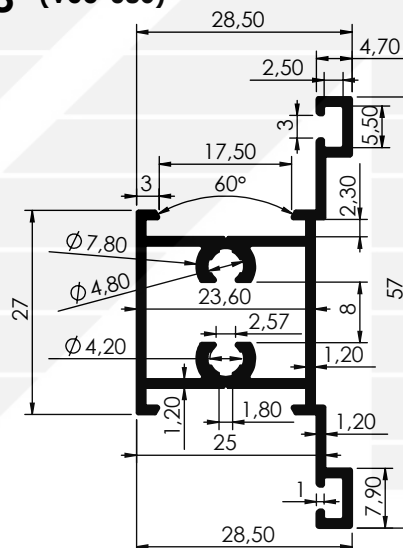
Area (mm²)
242,42
Peso (Kg/m)
0,656

VT-327 (VSU-003)



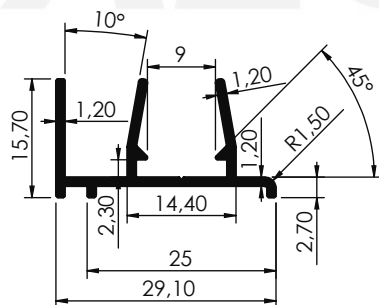
Area (mm²)
180,51
Peso (Kg/m)
0,489

VT-328 (VSU-086)



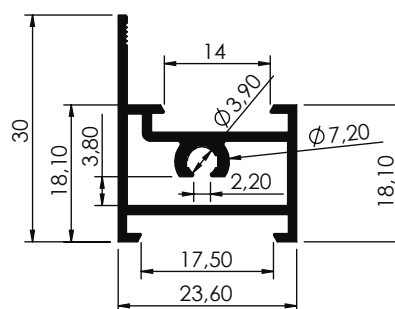
Area (mm²)
222,35
Peso (Kg/m)
0,603

VT-329 (VSU-008)



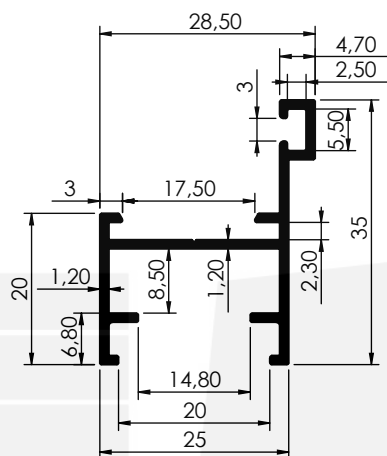
Area (mm²)
89,94
Peso (Kg/m)
0,243

VT-330 (VSU-082)



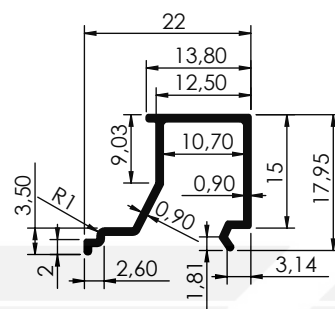
Area (mm²)
137,16
Peso (Kg/m)
0,371

VT-331 (VSU-079)



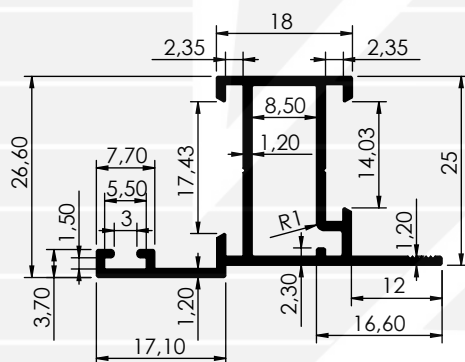
Area (mm²)
121,86
Peso (Kg/m)
0,330

VT-332 (VSU-103)



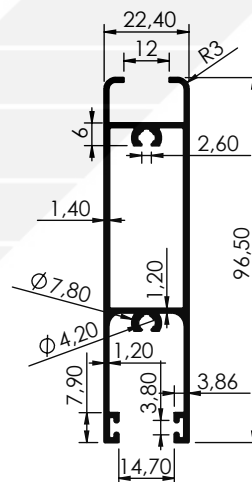
Area (mm²)
51,93
Peso (Kg/m)
0,140

VT-333 (VSU-200)



Area (mm²)
153,74
Peso (Kg/m)
0,416

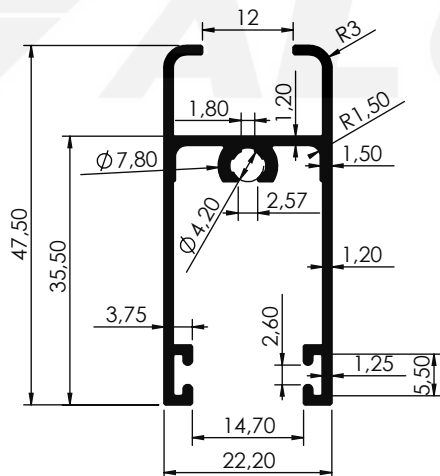
VT-334 (VSU-226)



Escala 1:2

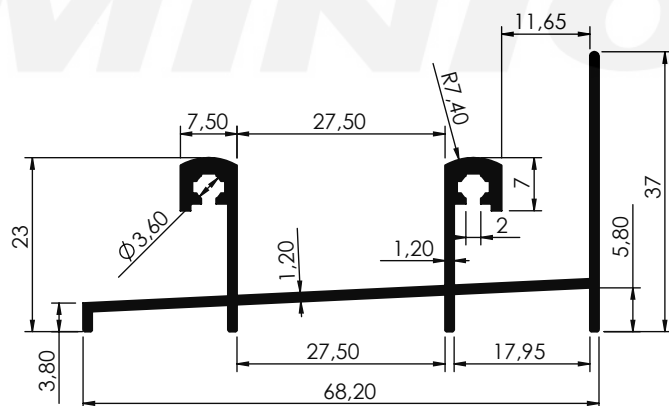
Area (mm²)
369,98
Peso (Kg/m)
1,003

VT-335 (VSU-186)



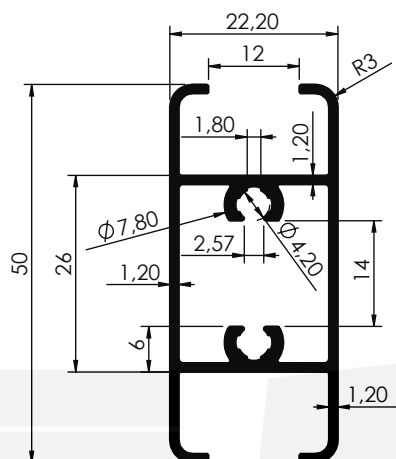
Area (mm²)
186,60
Peso (Kg/m)
0,506

VT-336 (VSU-228)



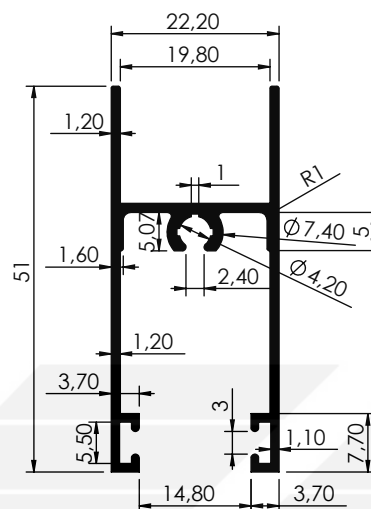
Area (mm²)
229,02
Peso (Kg/m)
0,620

VT-337 (VSU-188)



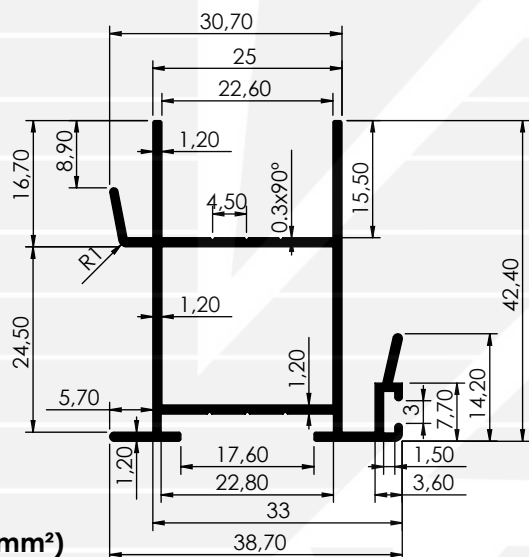
Area (mm²)
219,45
Peso (Kg/m)
0,595

VT-338 (VSU-187)



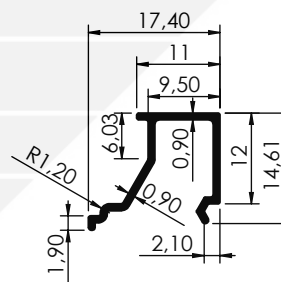
Area (mm²)
183,60
Peso (Kg/m)
0,500

VT-339 (VSU-069)



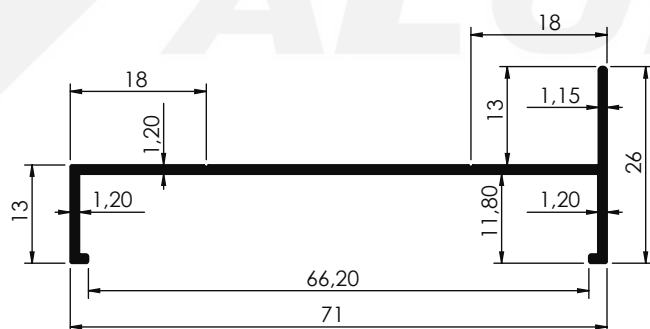
Area (mm²)
209,09
Peso (Kg/m)
0,566

VT-340 (VSU-102)



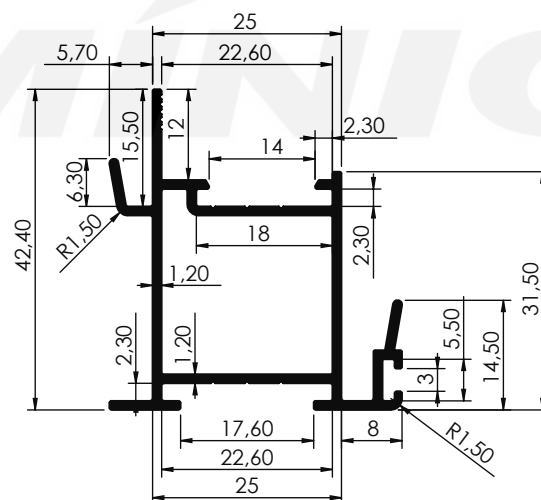
Area (mm²)
40,94
Peso (Kg/m)
0,110

VT-341 (VSU-007)



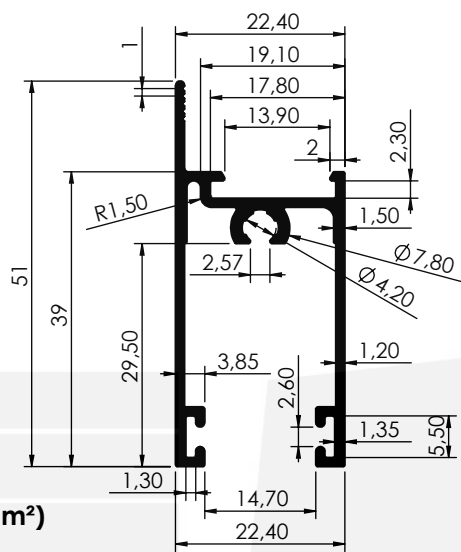
Area (mm²)
130,93
Peso (Kg/m)
0,354

VT-342 (VSU-042)



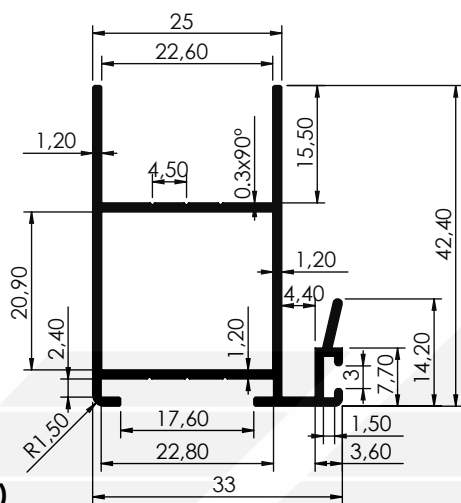
Area (mm²)
206,34
Peso (Kg/m)
0,559

VT-343 (VSU-053)



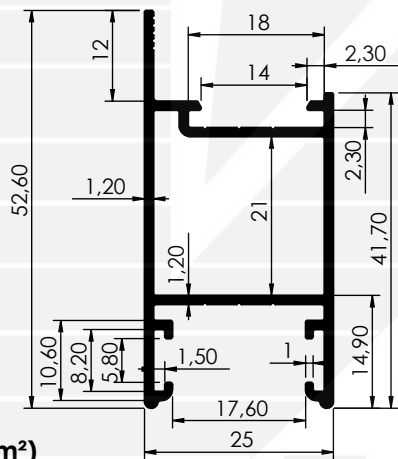
Area (mm²)
182,86
Peso (Kg/m)
0,496

VT-344 (VSU-070)



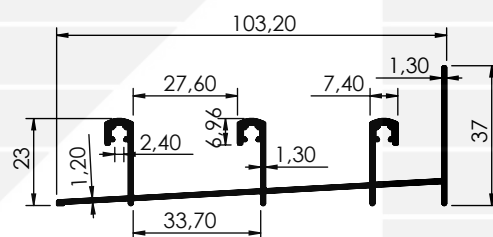
Area (mm²)
189,50
Peso (Kg/m)
0,513

VT-345 (VSU-039)



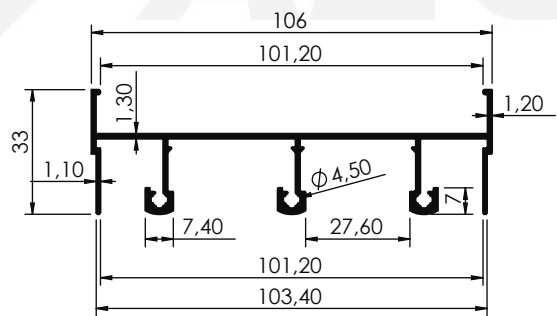
Area (mm²)
191,07
Peso (Kg/m)
0,518

VT-346 (VSU-230)



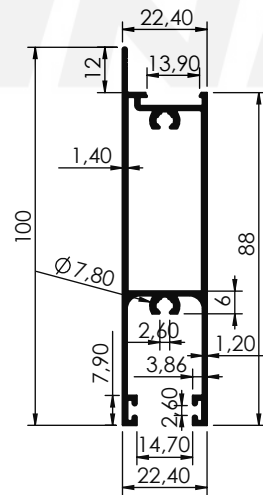
Escala 1:2
Area (mm²)
319,88
Peso (Kg/m)
0,866

VT-347 (VSU-010)



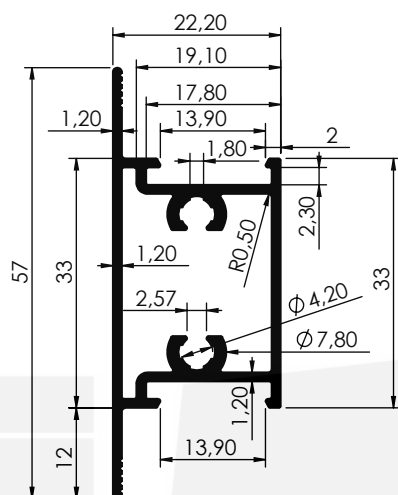
Escala 1:2
Area (mm²)
358,36
Peso (Kg/m)
0,971

VT-348 (VSU-225)



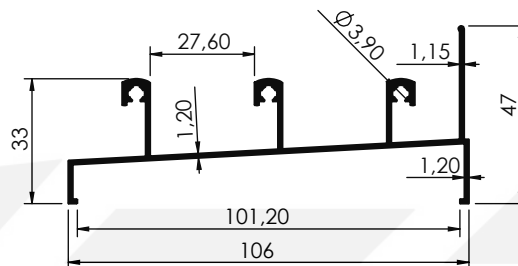
Escala 1:2
Area (mm²)
363,96
Peso (Kg/m)
0,986

VT-349 (VSU-227)



Area (mm²)
206,48
Peso (Kg/m)
0,560

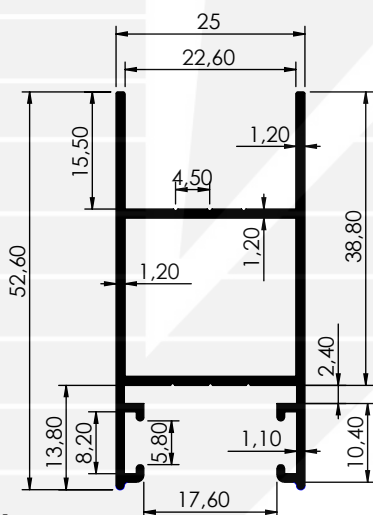
VT-350 (VSU-011)



Escala 1:2

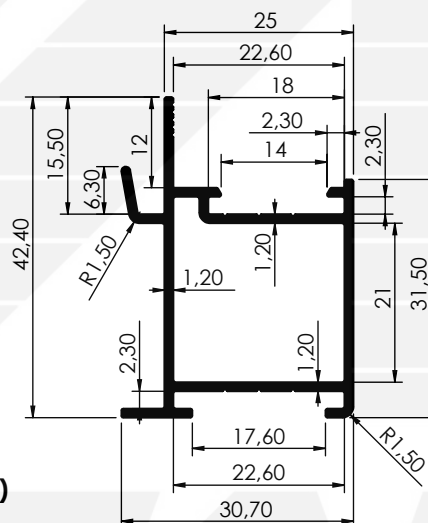
Area (mm²)
328,53
Peso (Kg/m)
0,890

VT-351 (VSU-068)



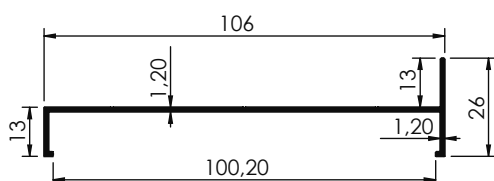
Area (mm²)
192,33
Peso (Kg/m)
0,521

VT-352 (VSU-040)



Area (mm²)
175,21
Peso (Kg/m)
0,475

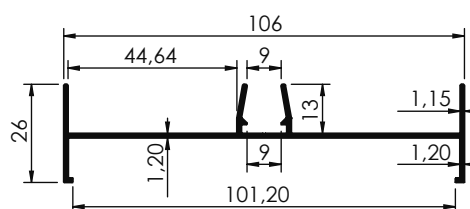
VT-353 (VSU-012)



Escala 1:2

Area (mm²)
172,84
Peso (Kg/m)
0,468

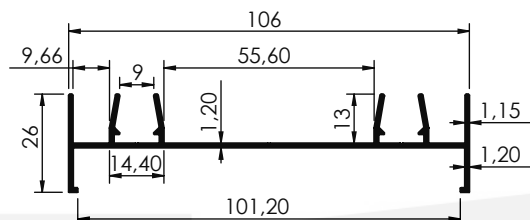
VT-354 (VSU-014)



Escala 1:2

Area (mm²)
222,60
Peso (Kg/m)
0,603

VT-355 (VSU-013)



Escala 1:2

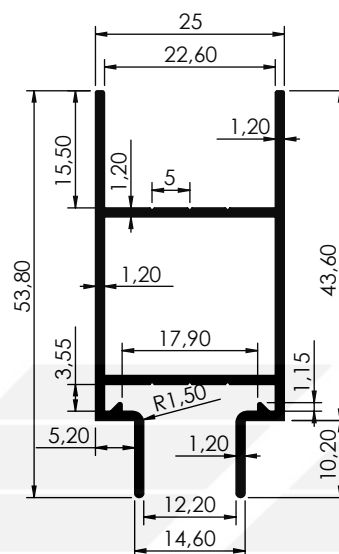
Area (mm²)

257,15

Peso (Kg/m)

0,696

VT-356 (VSU-191)



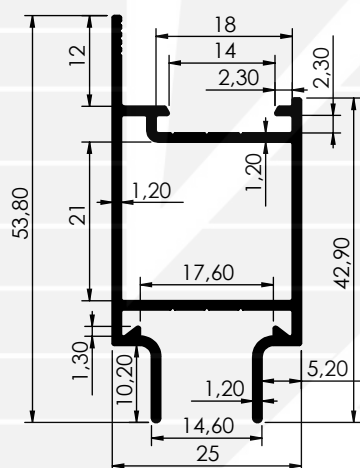
Area (mm²)

196,95

Peso (Kg/m)

0,533

VT-357 (VSU-192)



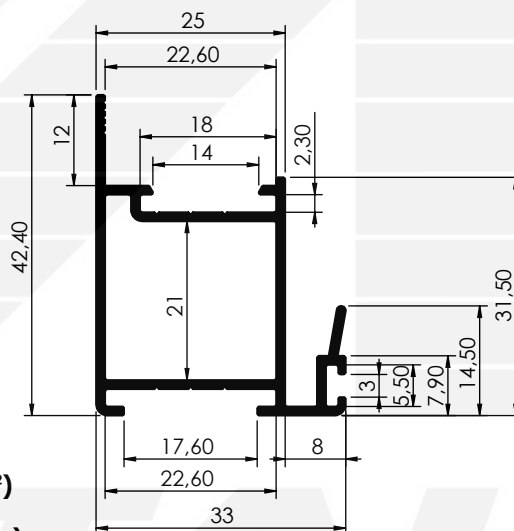
Area (mm²)

190,80

Peso (Kg/m)

0,517

VT-358 (VSU-041)



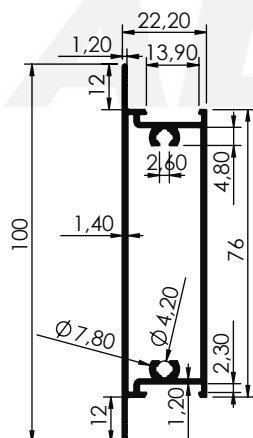
Area (mm²)

186,28

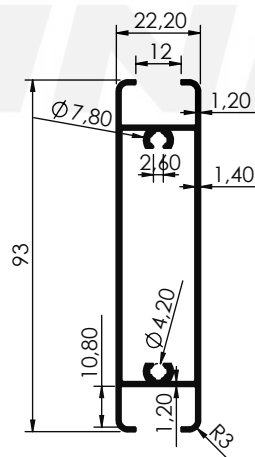
Peso (Kg/m)

0,505

VT-359 (VSU-050)



VT-360



Escala 1:2

Area (mm²)

337,72

Peso (Kg/m)

0,915

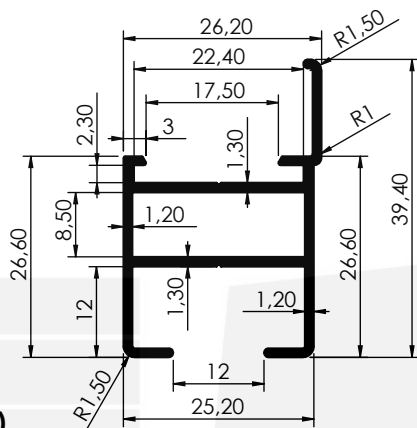
Escala 1:2

Area (mm²)

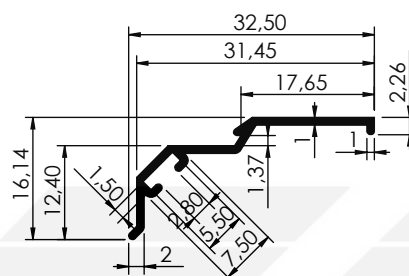
349,29

Peso (Kg/m)

0,947

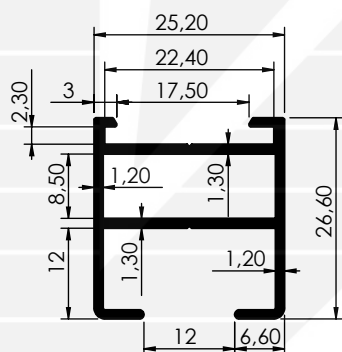
VT-361 (VSU-090)

Area (mm²)
158,67
Peso (Kg/m)
0,430

VT-362 (VSU-276)

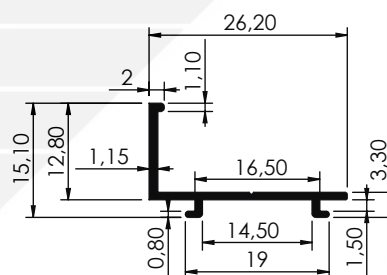
Area (mm²)
51,60
Peso (Kg/m)
0,139

VT-363 (VSU-091)



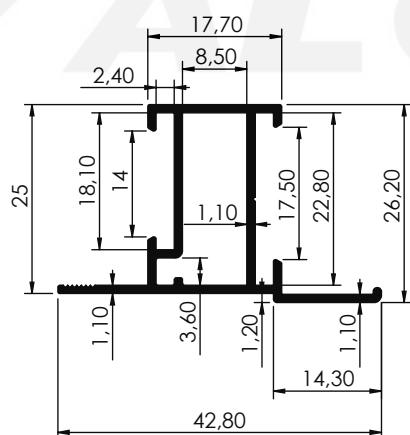
Area (mm²)
141,47
Peso (Kg/m)
0,383

VT-364 (VSU-084)



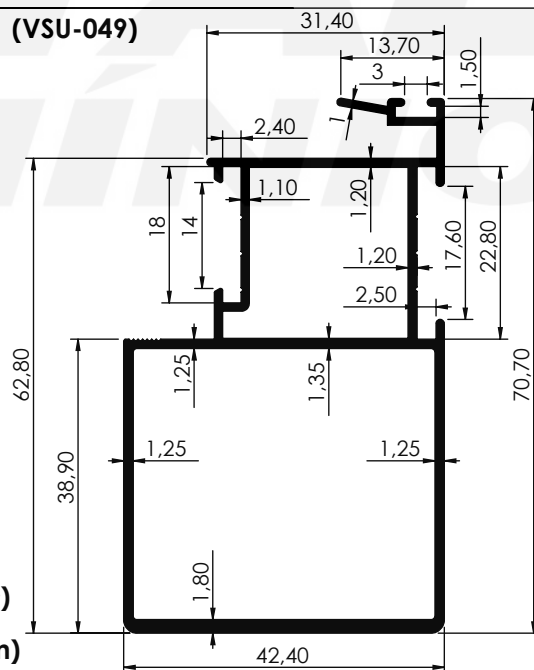
Area (mm²)
46,84
Peso (Kg/m)
0,127

VT-432 (VSU-081)



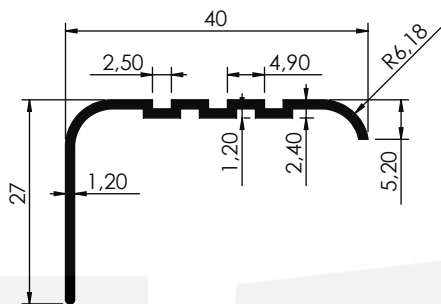
Area (mm²)
132,24
Peso (Kg/m)
0,358

VT-433 (VSU-049)



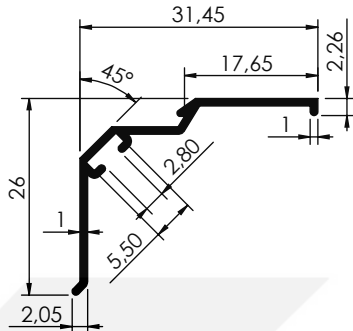
Area (mm²)
346,81
Peso (Kg/m)
0,940

VT-434 (VME-013)



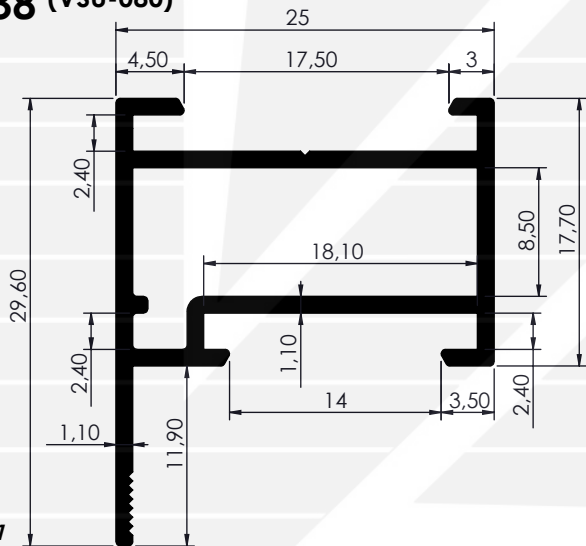
Area (mm²)
86,59
Peso (Kg/m)
0,235

VT-435 (VSU-276 ABA LONGA)



Area (mm²)
61,46
Peso (Kg/m)
0,167

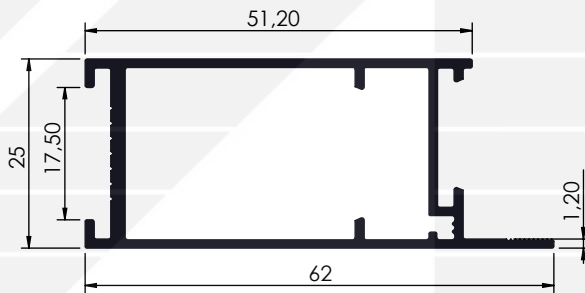
VT-438 (VSU-080)



Escala 2:1

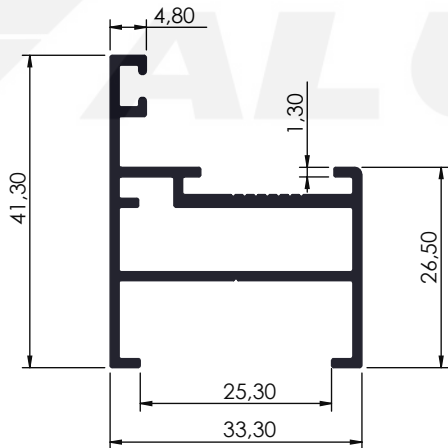
Area (mm²)
115,79
Peso (Kg/m)
0,314

VT-735 (VSU-111)



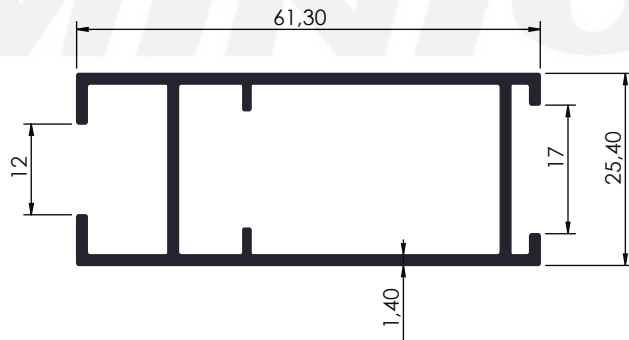
Area (mm²)
216,7
Peso (Kg/m)
0,587

VT-736 (VSU-279)

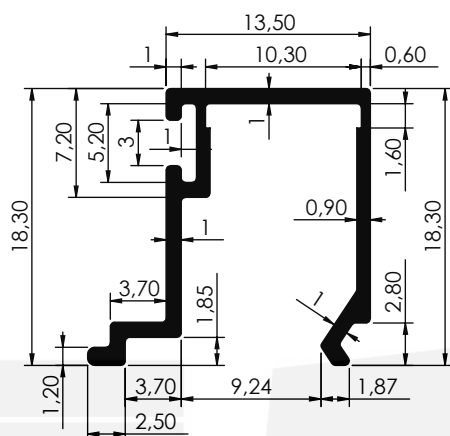


Area (mm²)
199,54
Peso (Kg/m)
0,540

VT-737 (VSU-241)



Area (mm²)
265,53
Peso (Kg/m)
0,719

VT-536 (VBG-057)

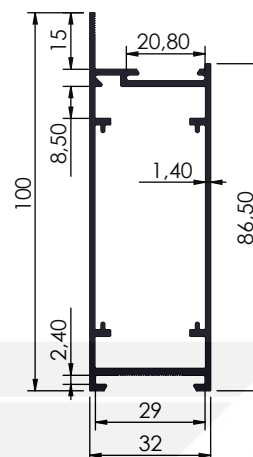
Escala 2:1

Area (mm²)

56,80

Peso (Kg/m)

0,154

VT-537 (VLG-042)

Escala 1:2

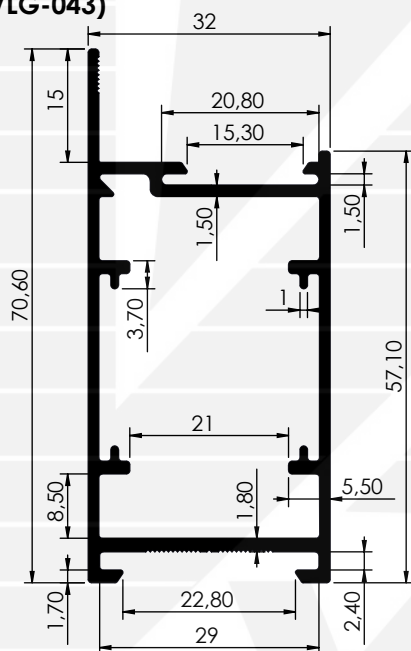
Area (mm²)

409,92

Peso (Kg/m)

1,111

VT-538 (VLG-043)

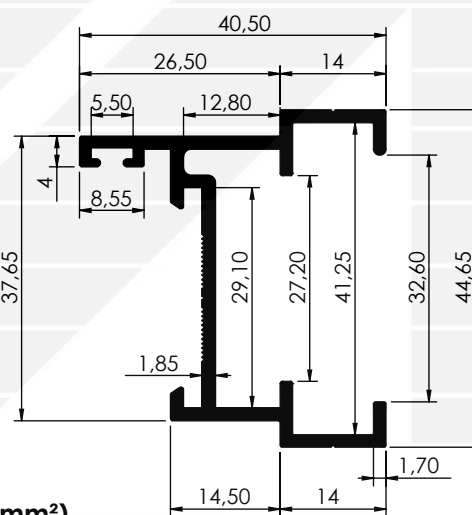
Area (mm²)

333,81

Peso (Kg/m)

0,905

VT-539 (VLG-056)

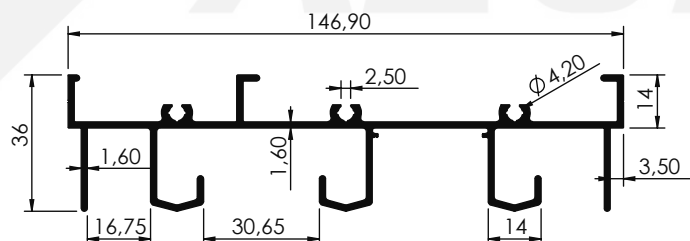
Area (mm²)

238,88

Peso (Kg/m)

0,647

VT-540 (VLG-062)



Escala 1:2

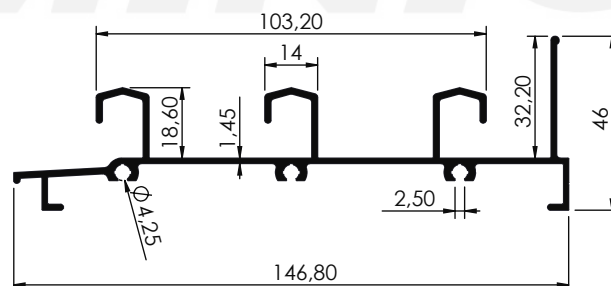
Area (mm²)

639,72

Peso (Kg/m)

1,734

VT-541 (VLG-066)



Escaia 1:2

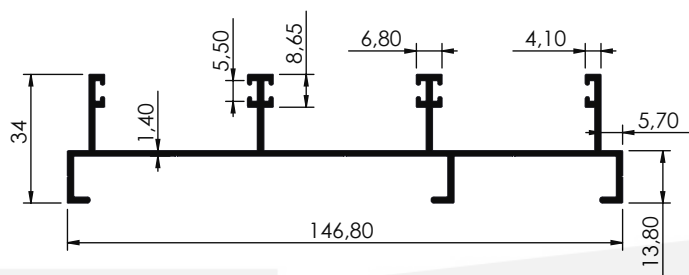
Area (mm²)

540,52

Peso (Kg/m)

1,465

VT-542 (VLG-064)



Escala 1:2

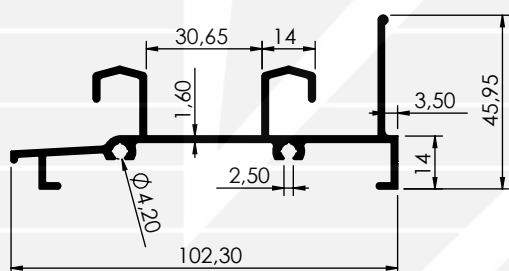
Area (mm²)

475,28

Peso (Kg/m)

1,288

VT-544 (VLG-047)



Escala 1:2

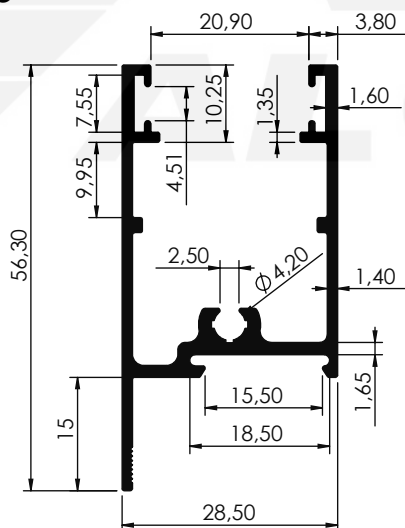
Area (mm²)

417,36

Peso (Kg/m)

1,131

VT-546 (VLG-006)



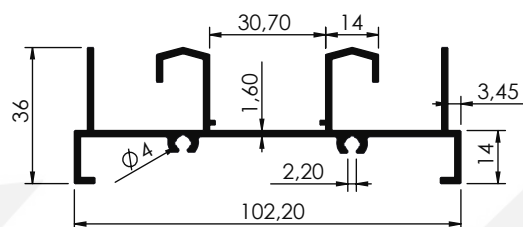
Area (mm²)

235,29

Peso (Kg/m)

0,638

VT-543 (VLG-044)



Escala 1:2

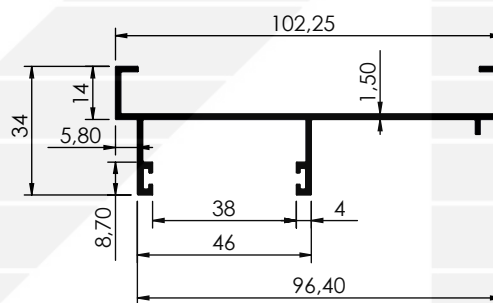
Area (mm²)

450,18

Peso (Kg/m)

1,220

VT-545 (VLG-124)



Escala 1:2

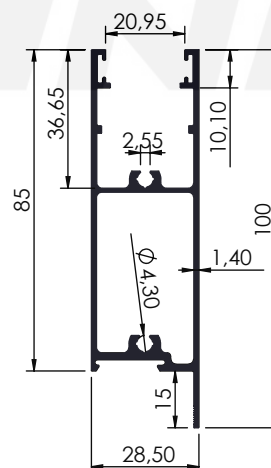
Area (mm²)

282,57

Peso (Kg/m)

0,766

VT-547 (VLG-007)



Escala 1:2

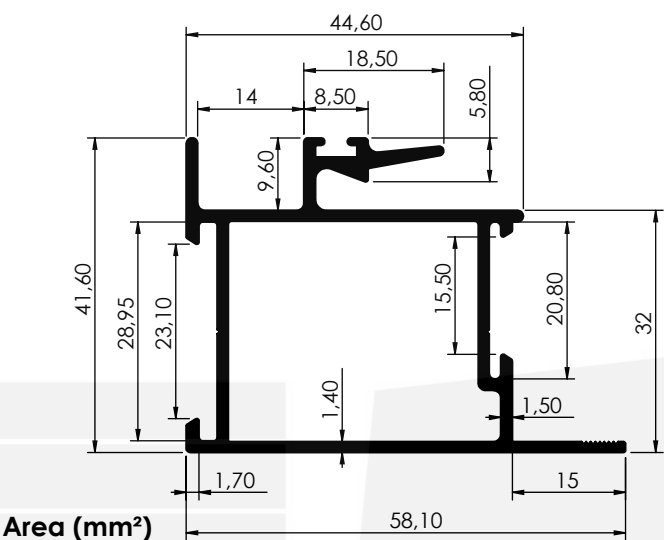
Area (mm²)

409,61

Peso (Kg/m)

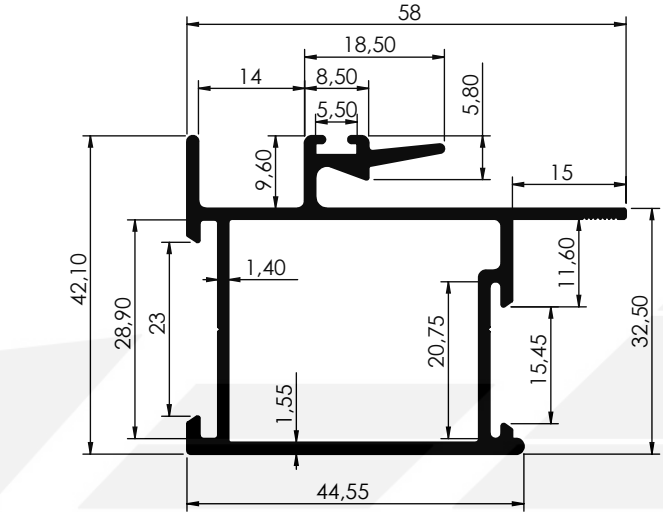
1,110

VT-548 (VLG-049)



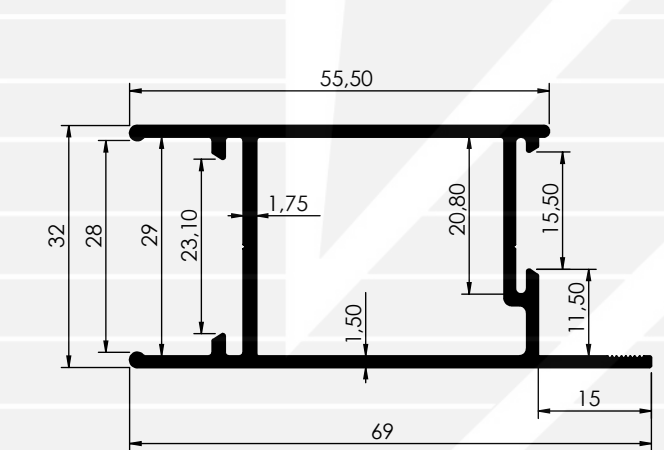
Area (mm²)
320,81
Peso (Kg/m)
0,869

VT-549 (VLG-048)



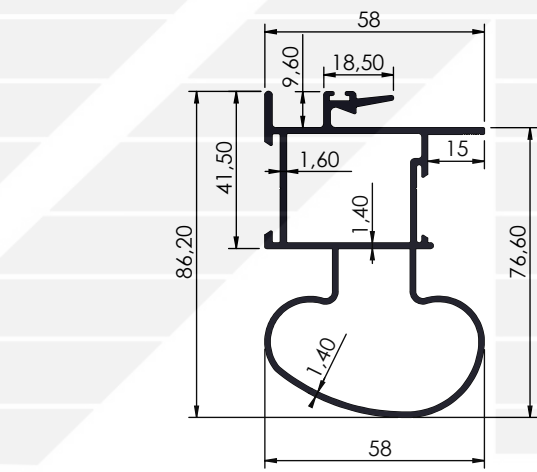
Area (mm²)
326,74
Peso (Kg/m)
0,885

VT-550 (VLG-050)



Area (mm²)
304,02
Peso (Kg/m)
0,824

VT-551 (VLG-021)



Escala 1:2
Area (mm²)
543,79
Peso (Kg/m)
1,474

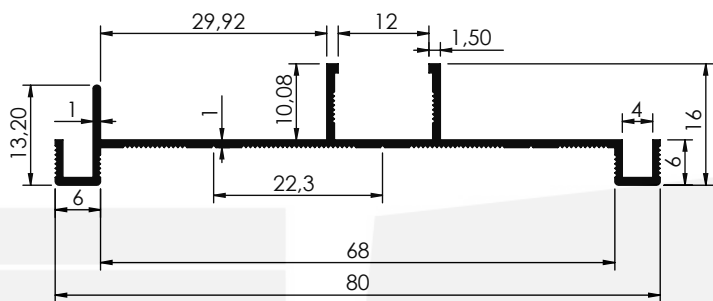
VT-

Area (mm²)
Peso (Kg/m)

VT-

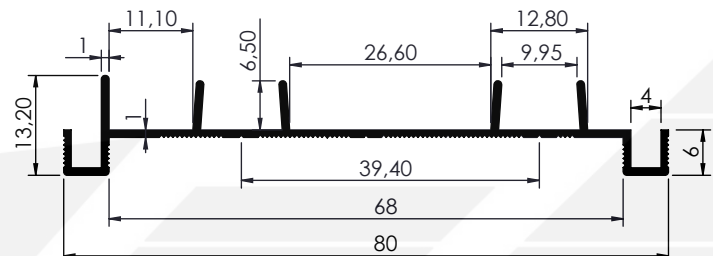
Area (mm²)
Peso (Kg/m)

VT-271



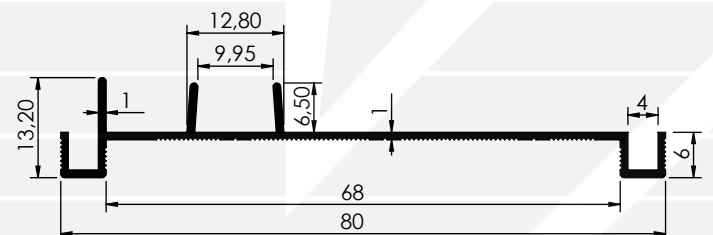
Area (mm²)
118,01
Peso (Kg/m)
0,320

VT-272



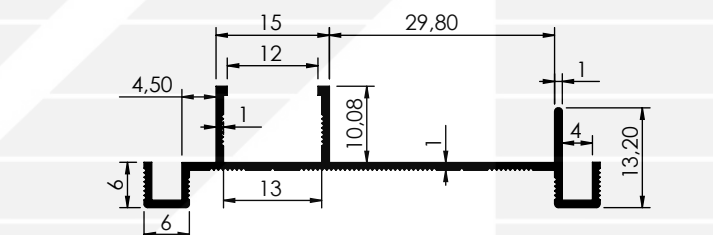
Area (mm²)
123,68
Peso (Kg/m)
0,335

VT-273



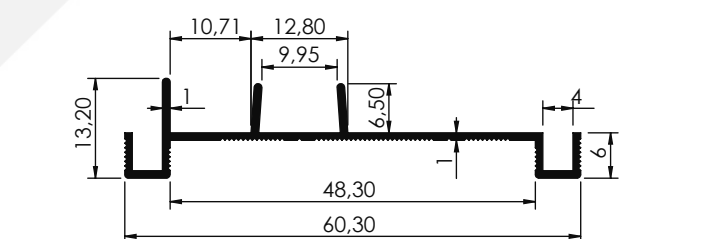
Area (mm²)
110,28
Peso (Kg/m)
0,299

VT-274



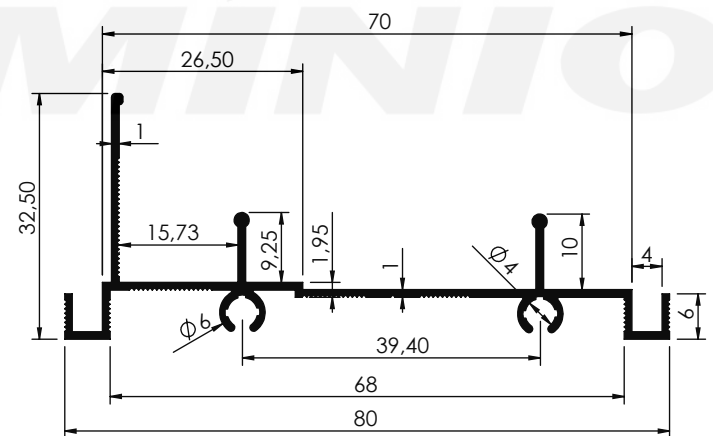
Area (mm²)
100,52
Peso (Kg/m)
0,272

VT-275



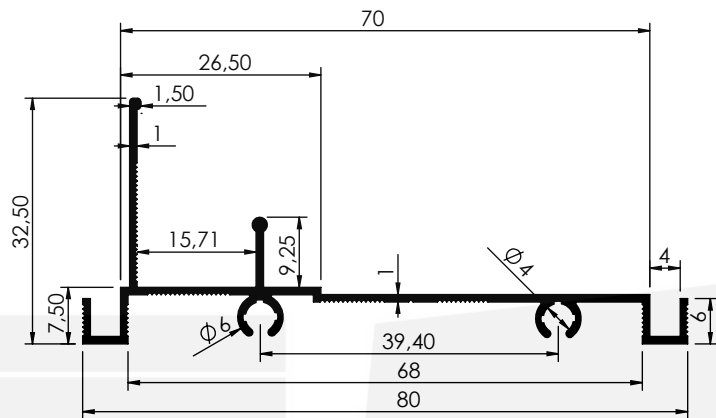
Area (mm²)
93,05
Peso (Kg/m)
0,252

VT-276



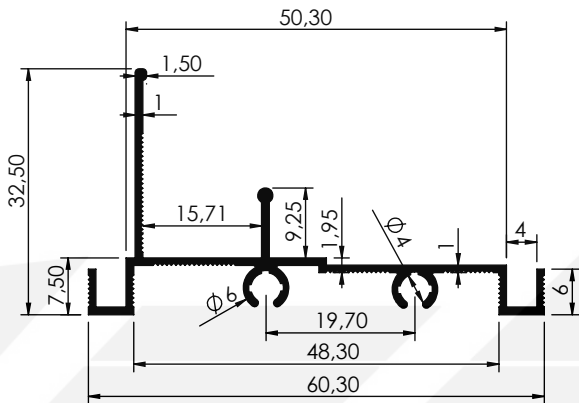
Area (mm²)
164,06
Peso (Kg/m)
0,445

VT-277



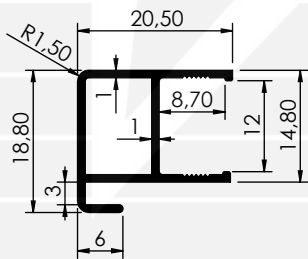
Area (mm²)
152,86
Peso (Kg/m)
0,414

VT-278



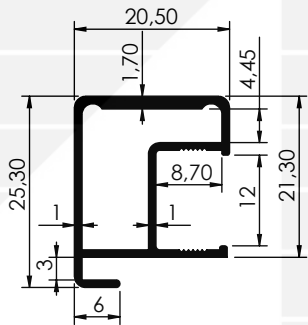
Area (mm²)
133,25
Peso (Kg/m)
0,361

VT-279



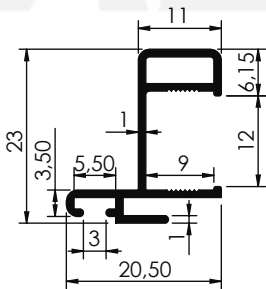
Area (mm²)
73,78
Peso (Kg/m)
0,200

VT-280



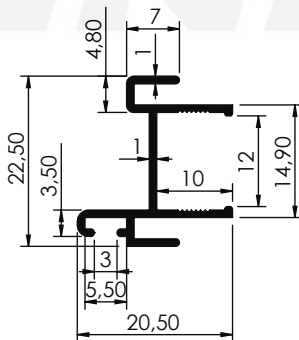
Area (mm²)
106,48
Peso (Kg/m)
0,289

VT-281



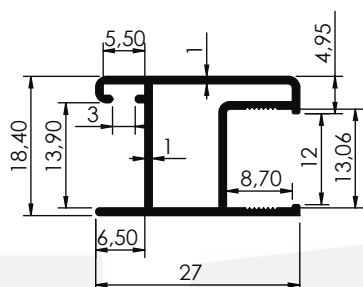
Area (mm²)
74,62
Peso (Kg/m)
0,202

VT-282



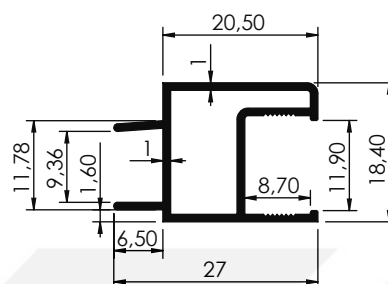
Area (mm²)
69,72
Peso (Kg/m)
0,189

VT-283



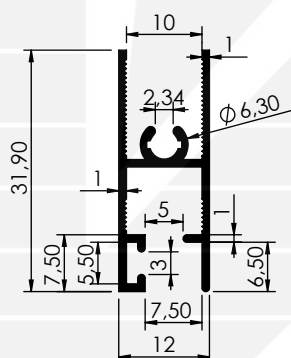
Area (mm²)
99,03
Peso (Kg/m)
0,268

VT-284



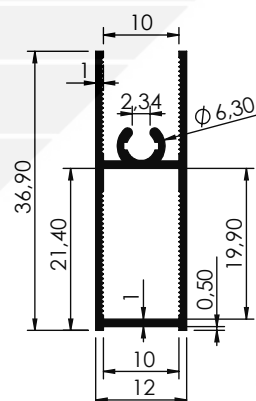
Area (mm²)
95,04
Peso (Kg/m)
0,258

VT-285



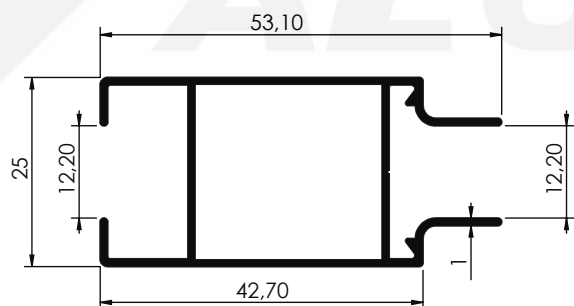
Area (mm²)
89,32
Peso (Kg/m)
0,242

VT-286



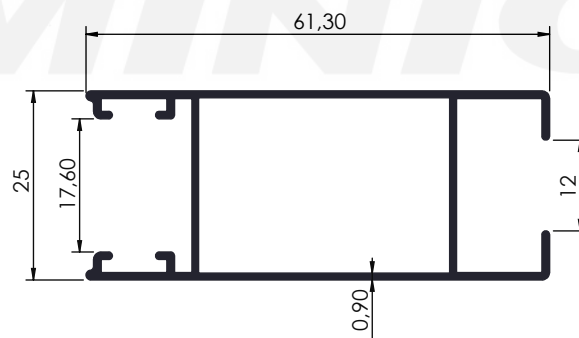
Area (mm²)
96,06
Peso (Kg/m)
0,260

VT-708



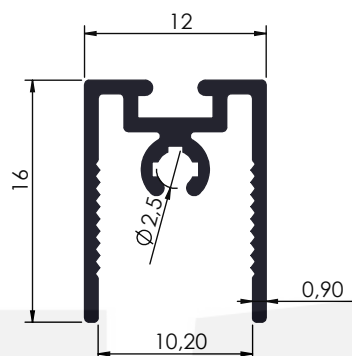
Area (mm²)
167,23
Peso (Kg/m)
0,453

VT-709



Area (mm²)
183,89
Peso (Kg/m)
0,498

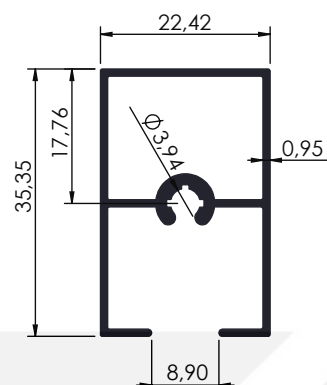
VT-710



Escala 2:1

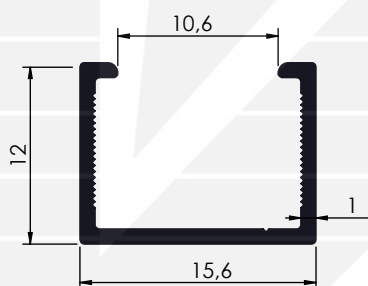
Area (mm²)
52,02
Peso (Kg/m)
0,141

VT-711



Area (mm²)
136,69
Peso (Kg/m)
0,370

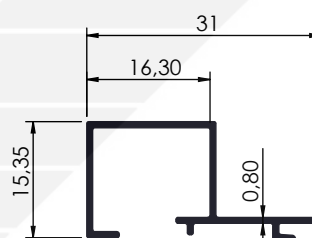
VT-713



Escala 2:1

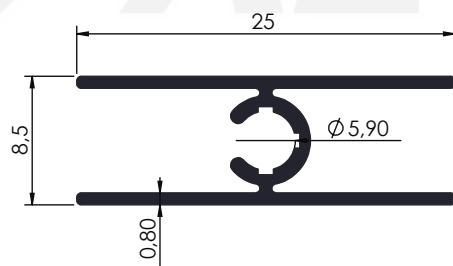
Area (mm²)
38,79
Peso (Kg/m)
0,105

VT-717



Area (mm²)
57,55
Peso (Kg/m)
0,156

VT-718



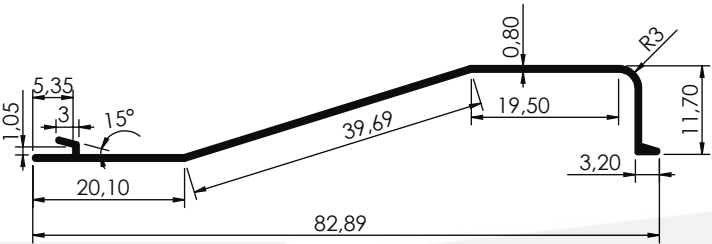
Escala 2:1

Area (mm²)
52,42
Peso (Kg/m)
0,142

VT-

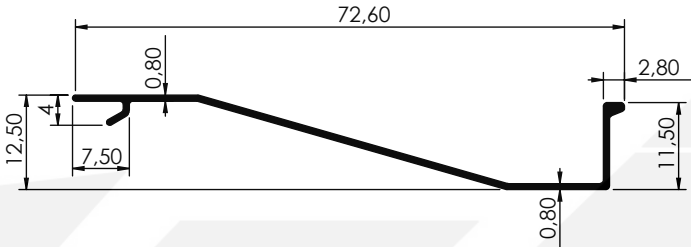
Area (mm²)
Peso (Kg/m)

VT-170



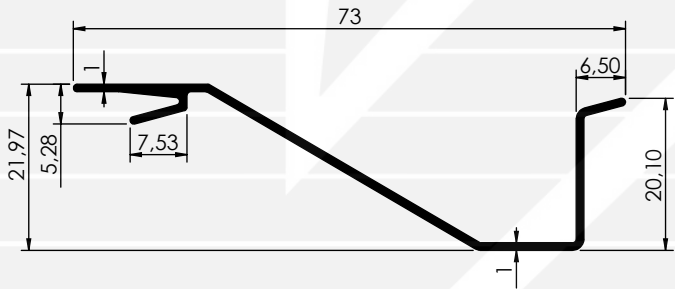
Area (mm²)
78,76
Peso (Kg/m)
0,213

VT-252



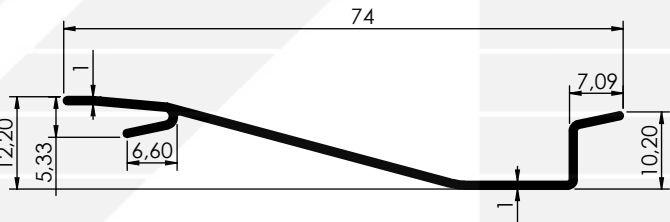
Area (mm²)
72,98
Peso (Kg/m)
0,198

VT-365 (VVZ-006)



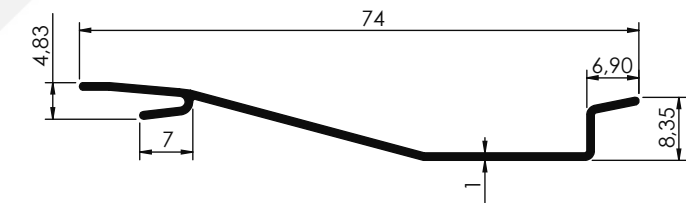
Area (mm²)
108,14
Peso (Kg/m)
0,293

VT-366 (VVZ-051)



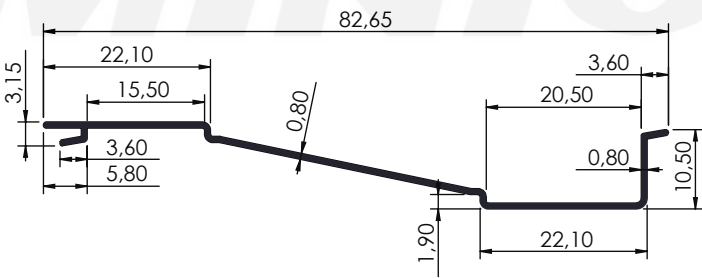
Area (mm²)
90,52
Peso (Kg/m)
0,245

VT-556



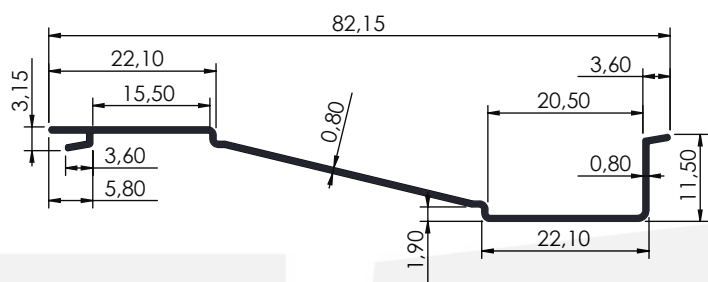
Area (mm²)
88,44
Peso (Kg/m)
0,240

VT-572



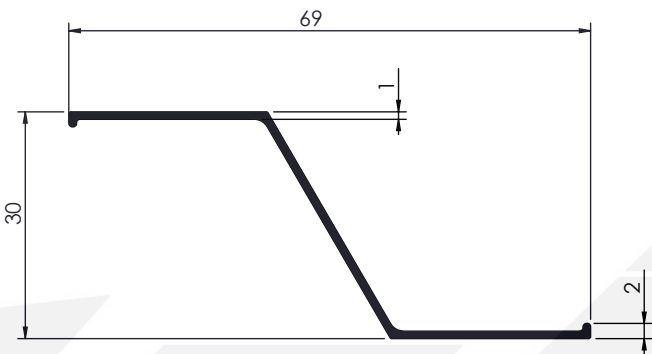
Area (mm²)
79,31
Peso (Kg/m)
0,215

VT-573



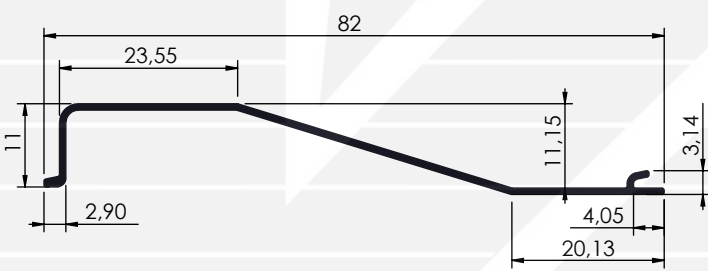
Area (mm²)
79,89
Peso (Kg/m)
0,217

VT-654



Area (mm²)
70,92
Peso (Kg/m)
0,238

VT-756



Area (mm²)
82,47
Peso (Kg/m)
0,223

VT-

Area (mm²)
Peso (Kg/m)

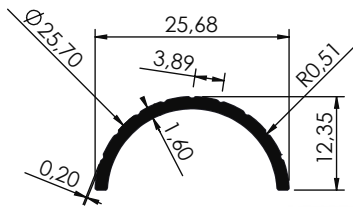
VT-

VT-

Area (mm²)
Peso (Kg/m)

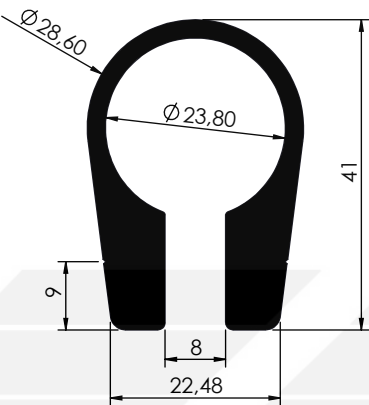
Area (mm²)
Peso (Kg/m)

VT-106



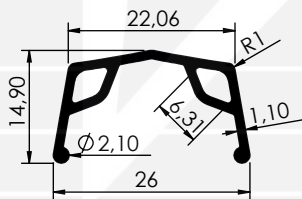
Area (mm²)
57,89
Peso (Kg/m)
0,157

VT-108



Area (mm²)
432,66
Peso (Kg/m)
1,173

VT-116



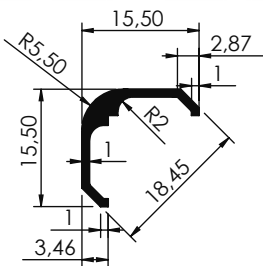
Area (mm²)
75,07
Peso (Kg/m)
0,203

VT-

Area (mm²)
Peso (Kg/m)

VT-

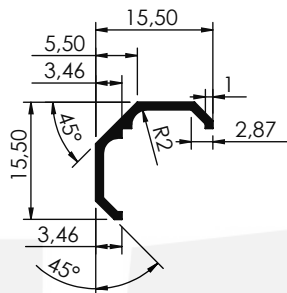
VT-163



Escala 1:2
Area (mm²)
Peso (Kg/m)

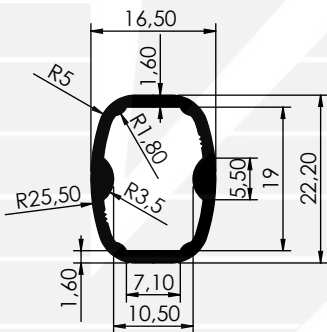
Area (mm²)
39,92
Peso (Kg/m)
0,108

VT-164



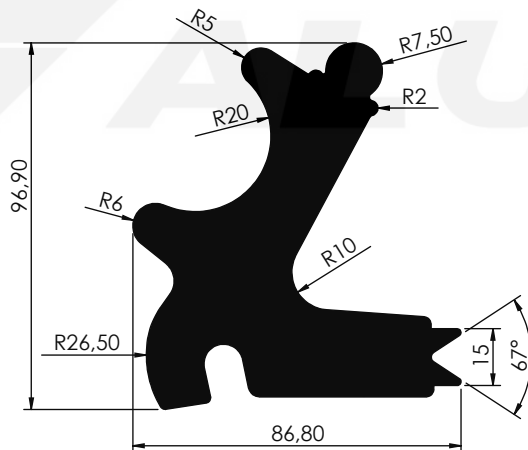
Area (mm²)
31,29
Peso (Kg/m)
0,085

VT-187



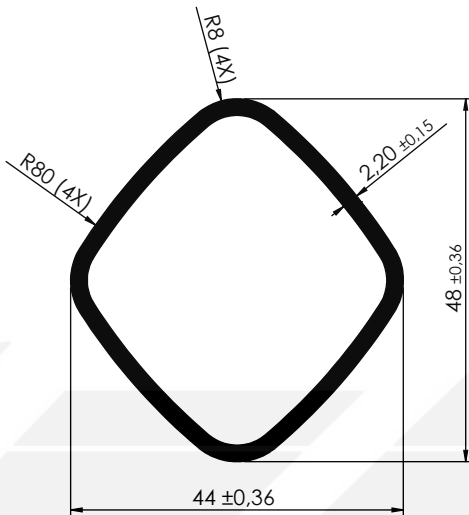
Area (mm²)
104,41
Peso (Kg/m)
0,283

VT-191



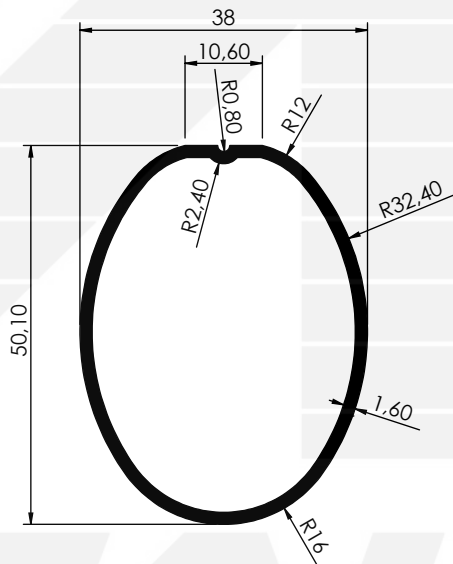
Escala 1:2
Area (mm²)
3.789,86
Peso (Kg/m)
10,271

VT-166



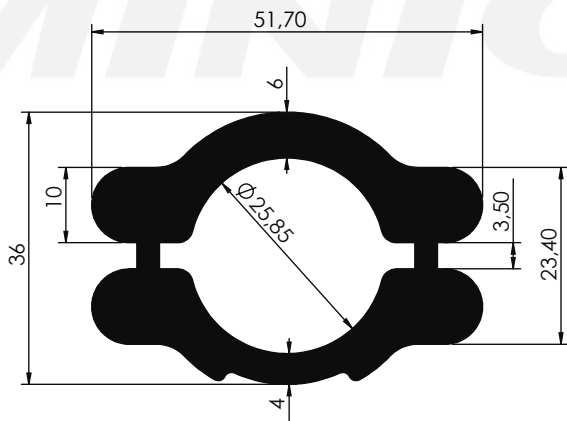
Area (mm²)
283,16
Peso (Kg/m)
0,767

VT-188



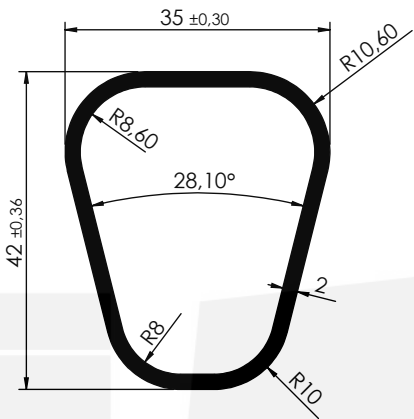
Area (mm²)
281,34
Peso (Kg/m)
0,592

VT-202



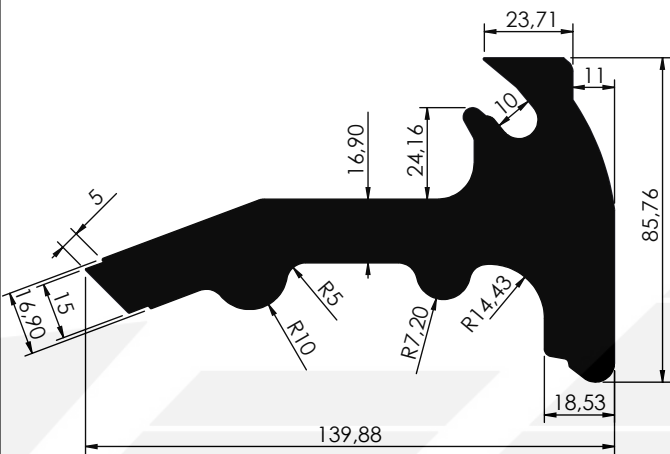
Area (mm²)
844,34
Peso (Kg/m)
2,288

VT-230



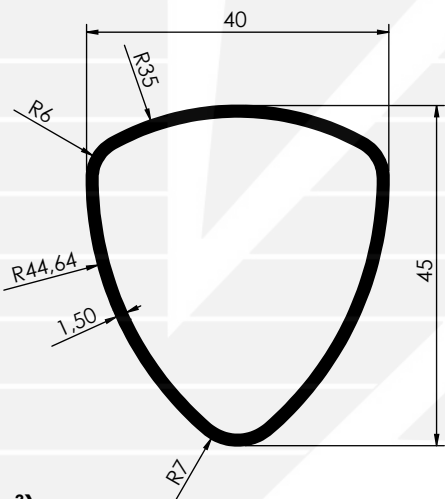
Area (mm²)
241,35
Peso (Kg/m)
0,654

VT-383



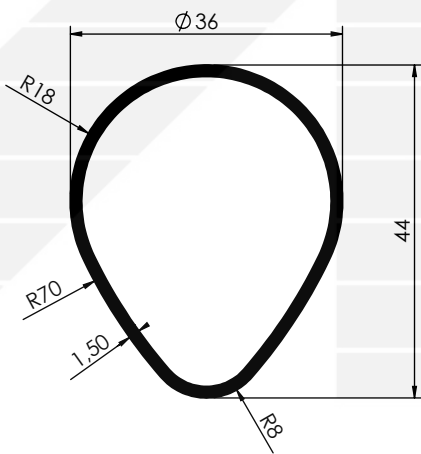
Escala 1:2
Area (mm²)
4.135,75
Peso (Kg/m)
11,208

VT-384



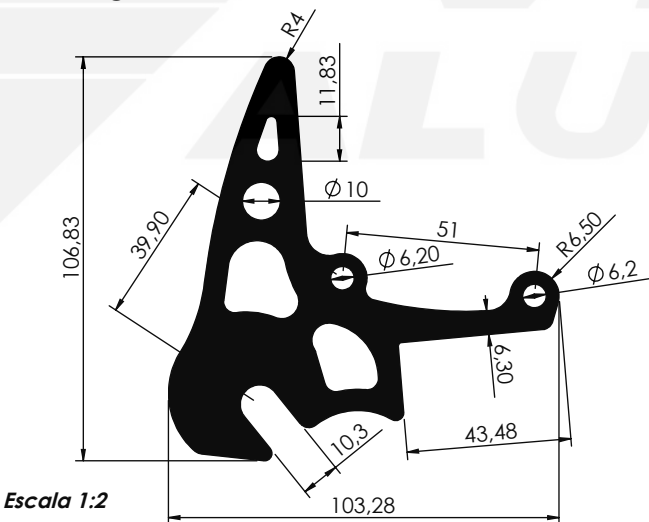
Area (mm²)
194,64
Peso (Kg/m)
0,527

VT-385



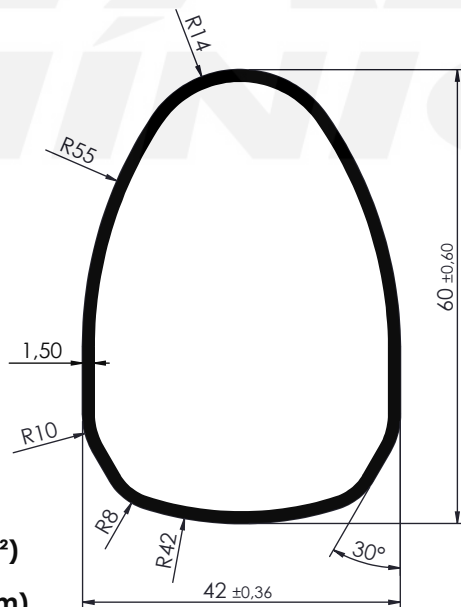
Area (mm²)
178,16
Peso (Kg/m)
0,483

VT-410



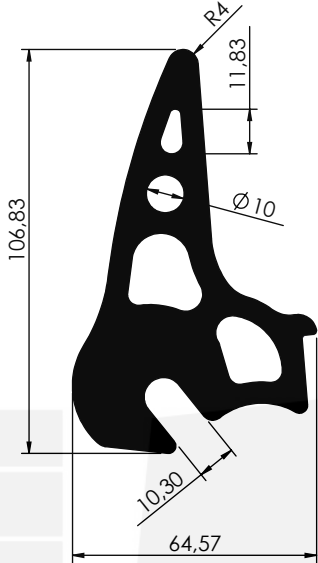
Escala 1:2
Area (mm²)
3.021,69
Peso (Kg/m)
8,189

VT-387



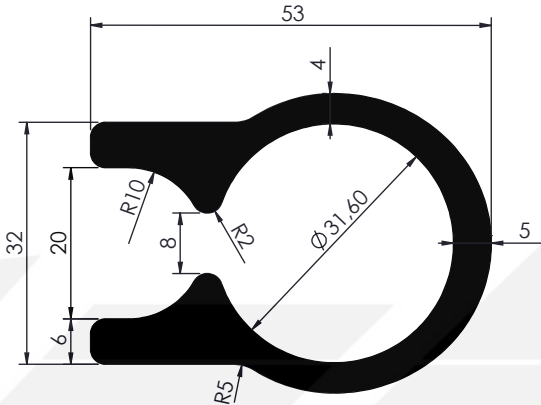
Area (mm²)
243,81
Peso (Kg/m)
0,661

VT-425



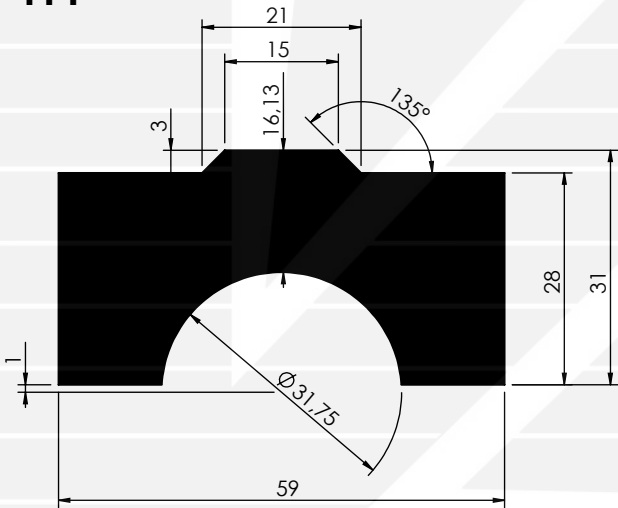
Escala 1:2
 Area (mm²)
 2.484,63
 Peso (Kg/m)
 6,733

VT-426



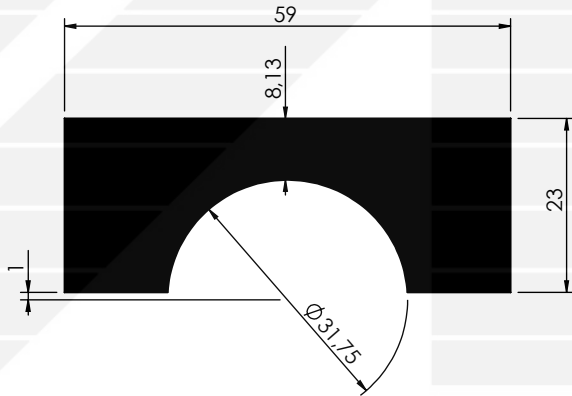
Area (mm²)
 676,49
 Peso (Kg/m)
 1,833

VT-411



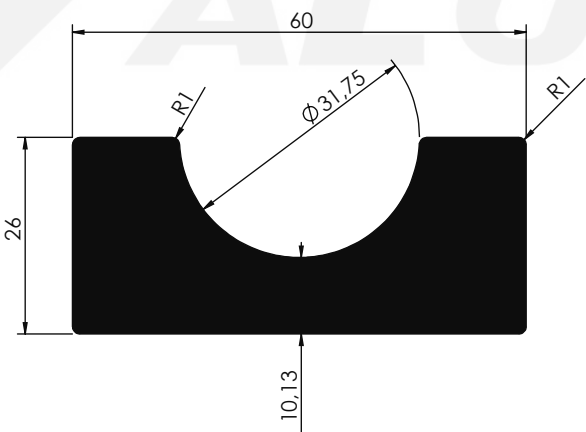
Area (mm²)
 1.341,86
 Peso (Kg/m)
 3,636

VT-412



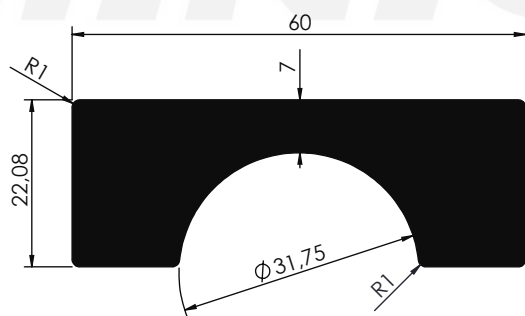
Area (mm²)
 992,86
 Peso (Kg/m)
 2,691

VT-421



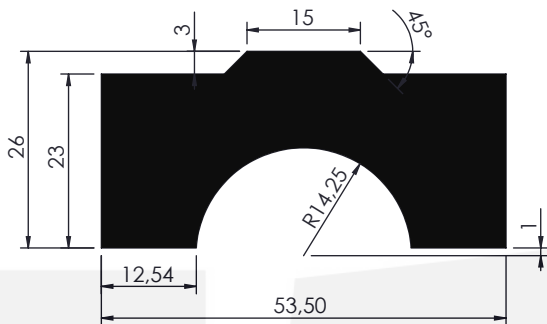
Area (mm²)
 1.162,89
 Peso (Kg/m)
 3,151

VT-422



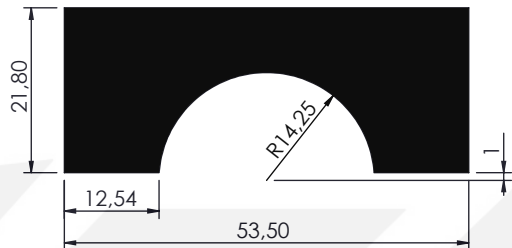
Area (mm²)
 952,96
 Peso (Kg/m)
 2,583

VT-444



Area (mm²)
994,01
Peso (Kg/m)
2,694

VT-445



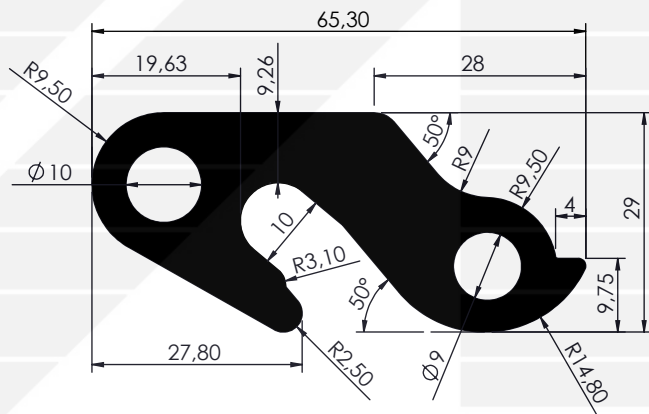
Area (mm²)
875,81
Peso (Kg/m)
2,373

VT-461



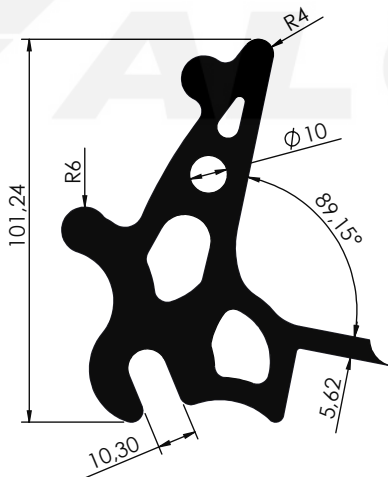
Area (mm²)
848,61
Peso (Kg/m)
2,300

VT-465



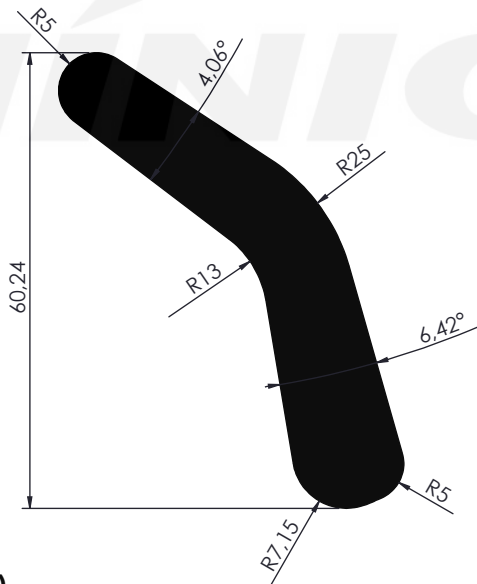
Area (mm²)
967,83
Peso (Kg/m)
2,623

VT-483



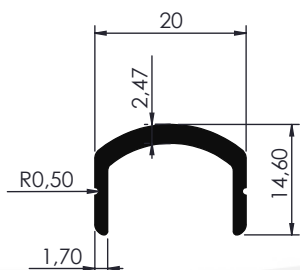
Escala 1:2
Area (mm²)
2.556,70
Peso (Kg/m)
6,929

VT-484



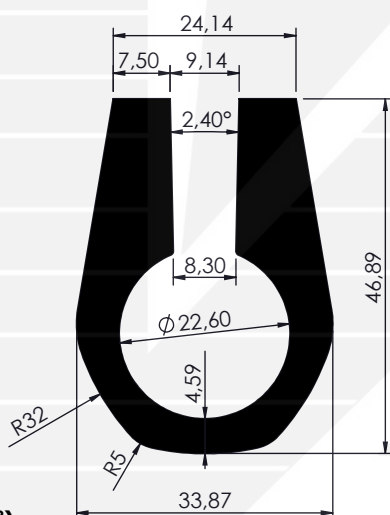
Area (mm²)
858,35
Peso (Kg/m)
2,326

VT-485



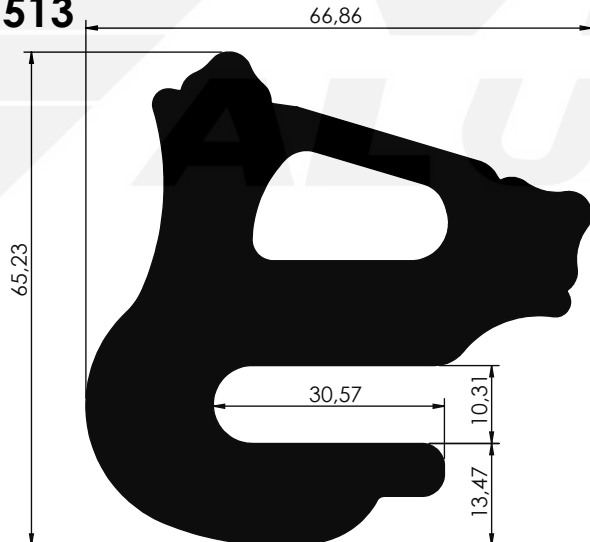
Area (mm²)
81,32
Peso (Kg/m)
0,220

VT-489



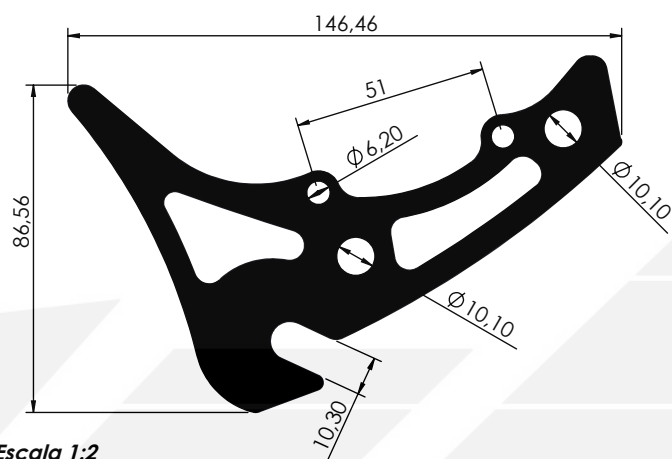
Area (mm²)
751,11
Peso (Kg/m)
2,036

VT-513



Area (mm²)
2.078,50
Peso (Kg/m)
5,633

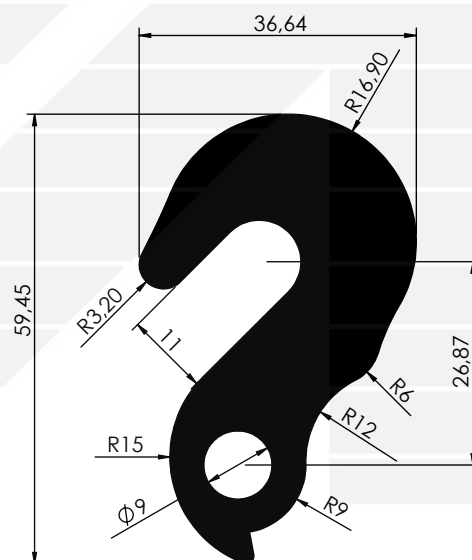
VT-486



Escala 1:2

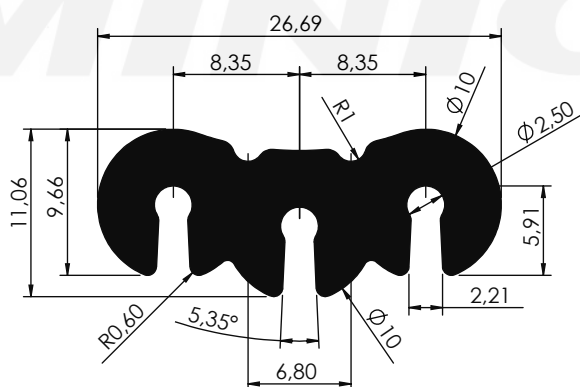
Area (mm²)
3.824,83
Peso (Kg/m)
10,365

VT-501



Area (mm²)
1.089,83
Peso (Kg/m)
2,953

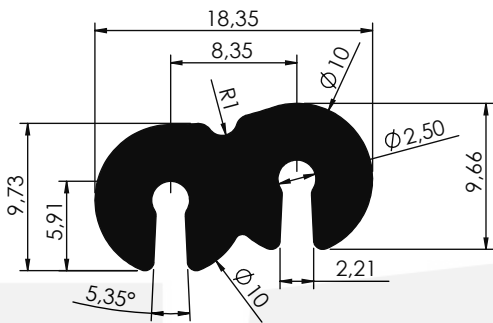
VT-558



Escala 2:1

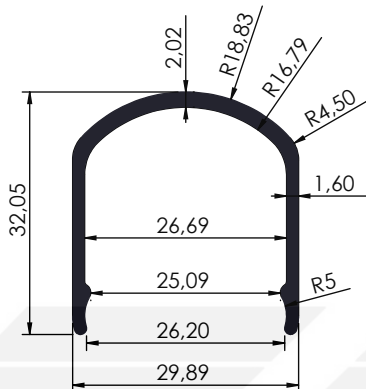
Area (mm²)
189,28
Peso (Kg/m)
0,513

VT-559



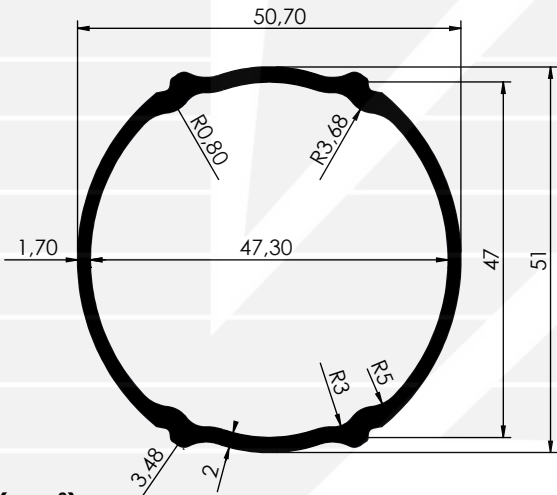
Escala 2:1
 Area (mm²)
 127,24
 Peso (Kg/m)
 0,345

VT-575



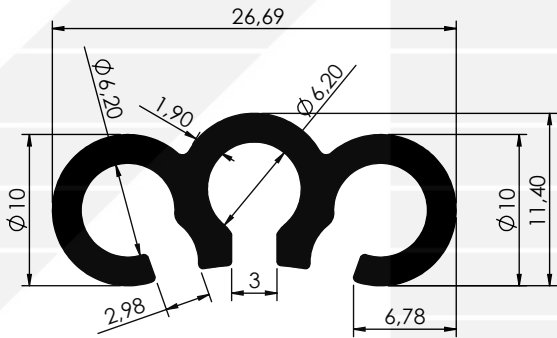
Area (mm²)
 146,55
 Peso (Kg/m)
 0,397

VT-576



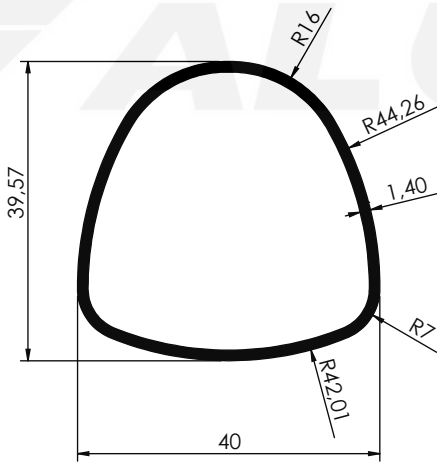
Area (mm²)
 323,51
 Peso (Kg/m)
 0,877

VT-577



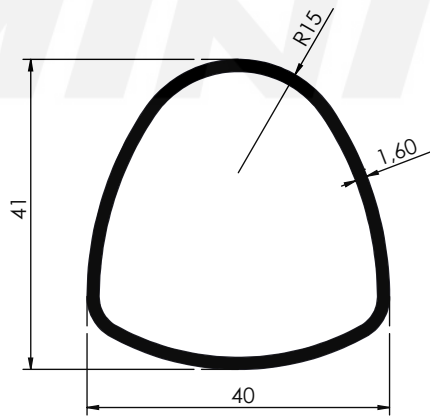
Escala 2:1
 Area (mm²)
 119,62
 Peso (Kg/m)
 0,324

VT-583



Area (mm²)
 174,22
 Peso (Kg/m)
 0,472

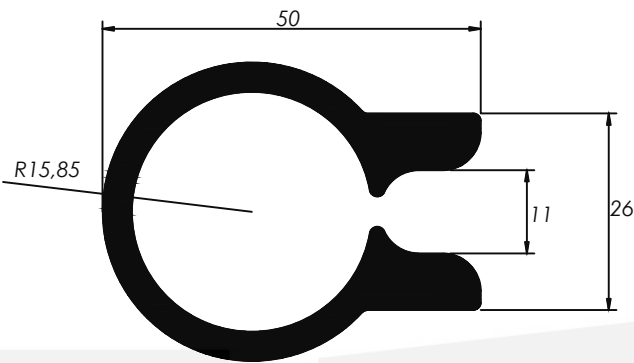
VT-754



Area (mm²)
 199,90
 Peso (Kg/m)
 0,541

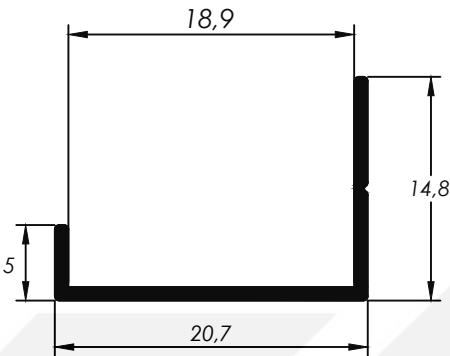
LINHA BICICLETAS

VT-781



Area (mm²)
597,81
Peso (Kg/m)
1,620

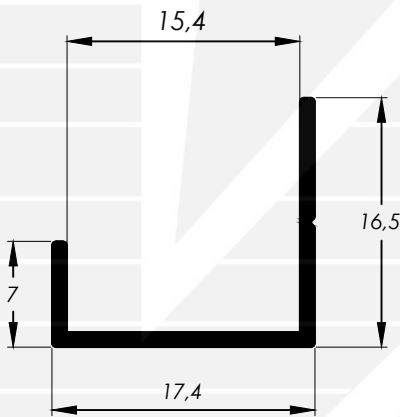
VT-848



Escala 2:1

Area (mm²)
34,60
Peso (Kg/m)
0,094

VT-849



Escala 2:1

Area (mm²)
38,69
Peso (Kg/m)
0,104

VT-

Area (mm²)
Peso (Kg/m)

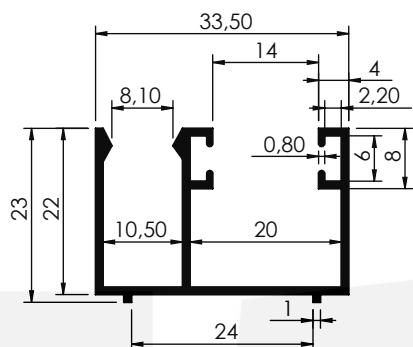
VT-

VT-

Area (mm²)
Peso (Kg/m)

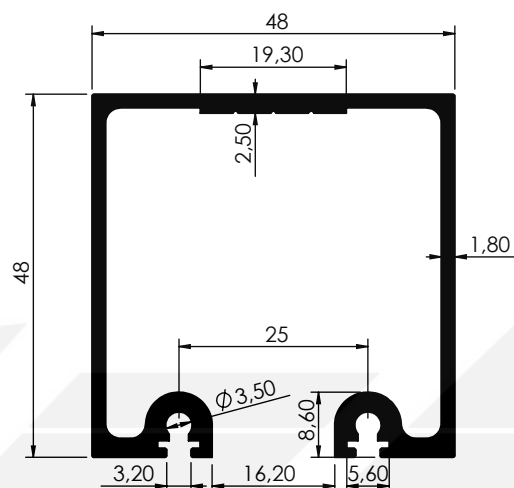
Area (mm²)
Peso (Kg/m)

VT-089



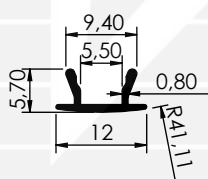
Area (mm²)
119,79
Peso (Kg/m)
0,324

VT-091



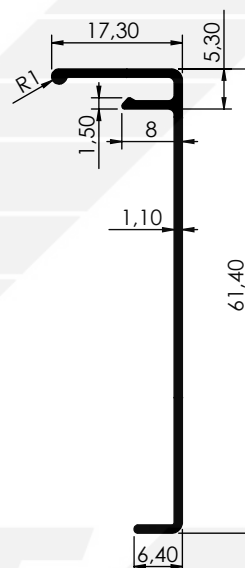
Area (mm²)
391,28
Peso (Kg/m)
1,060

VT-147



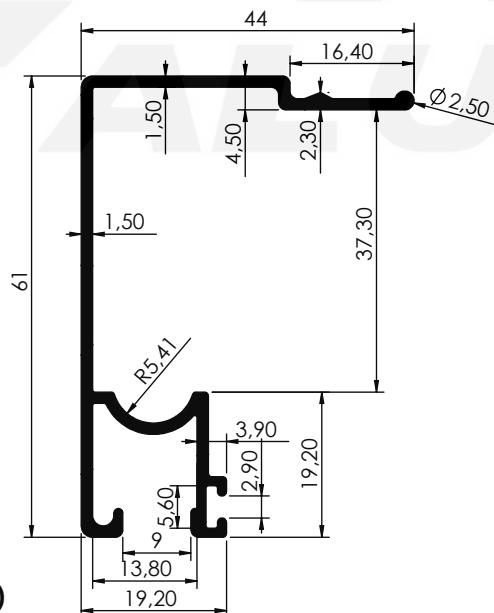
Area (mm²)
19,68
Peso (Kg/m)
0,053

VT-148



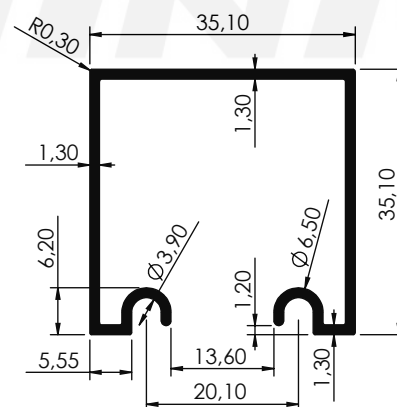
Area (mm²)
99,40
Peso (Kg/m)
0,269

VT-149



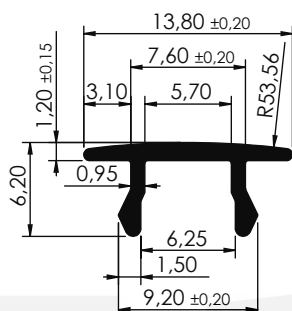
Area (mm²)
235,48
Peso (Kg/m)
0,638

VT-250



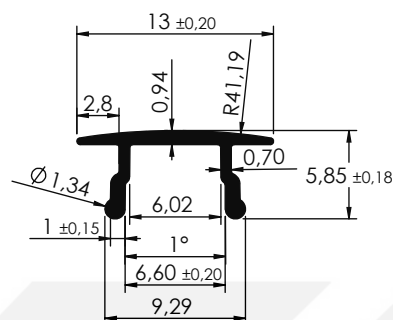
Area (mm²)
174,27
Peso (Kg/m)
0,472

VT-318



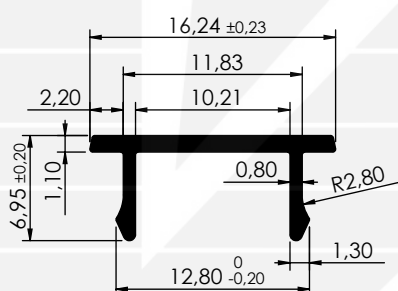
Escala 2:1
 Area (mm²)
 25,00
 Peso (Kg/m)
 0,068

VT-319



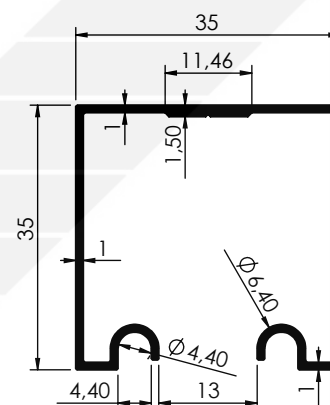
Escala 2:1
 Area (mm²)
 19,00
 Peso (Kg/m)
 0,051

VT-320



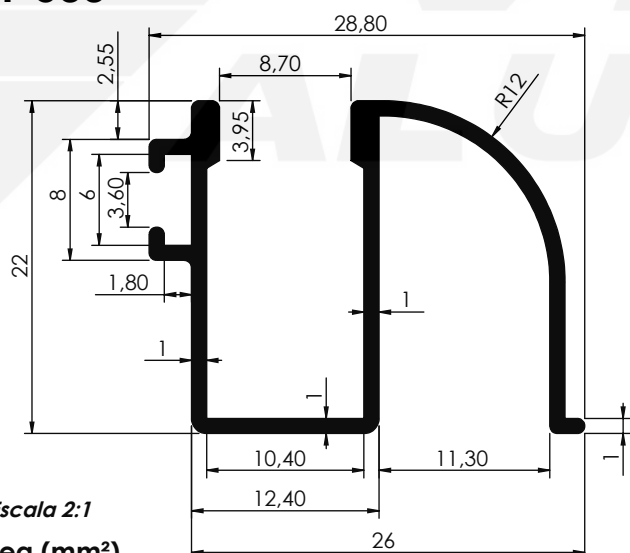
Escala 2:1
 Area (mm²)
 28,00
 Peso (Kg/m)
 0,076

VT-370



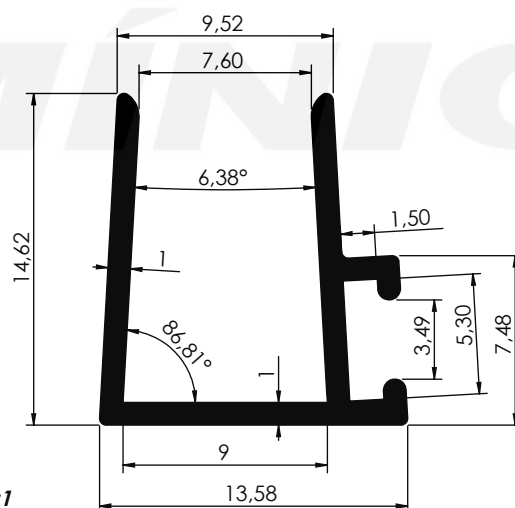
Area (mm²)
 141,07
 Peso (Kg/m)
 0,382

VT-533



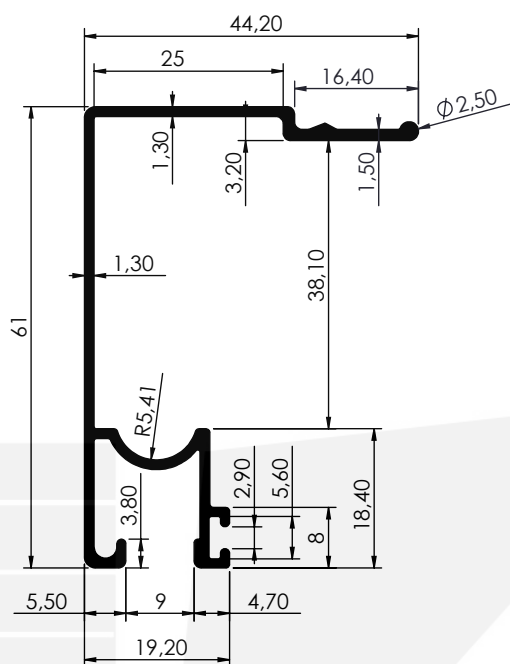
Escala 2:1
 Area (mm²)
 98,31
 Peso (Kg/m)
 0,266

VT-493



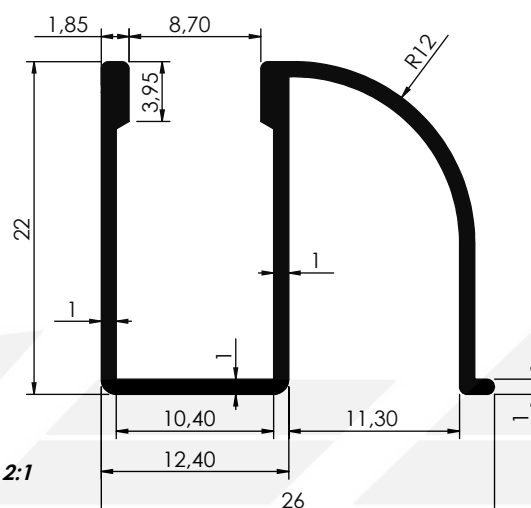
Escala 3:1
 Area (mm²)
 44,77
 Peso (Kg/m)
 0,121

VT-554



Area (mm²)
212,39
Peso (Kg/m)
0,576

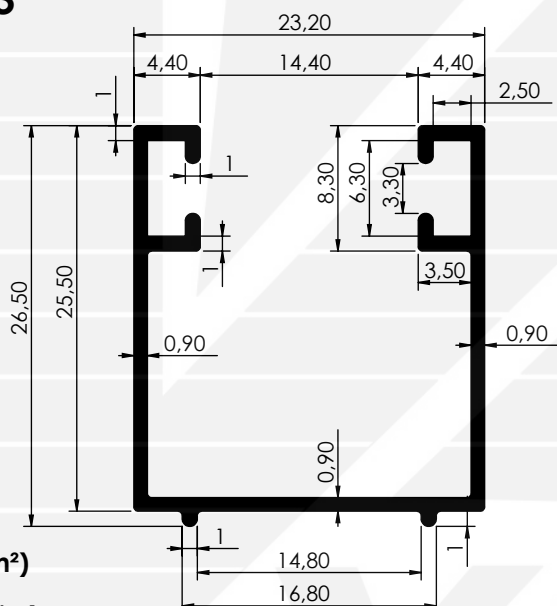
VT-560



Escala 2:1

Area (mm²)
90,52
Peso (Kg/m)
0,245

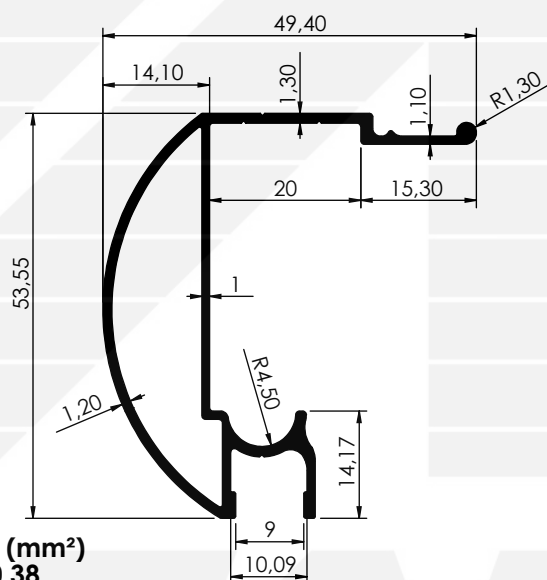
VT-563



Escala 2:1

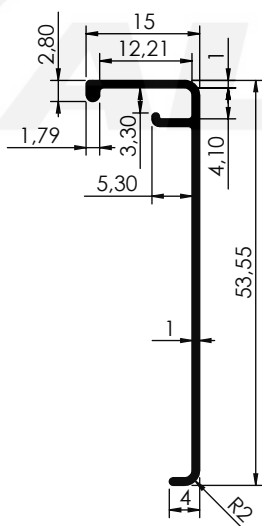
Area (mm²)
86,52
Peso (Kg/m)
0,234

VT-564



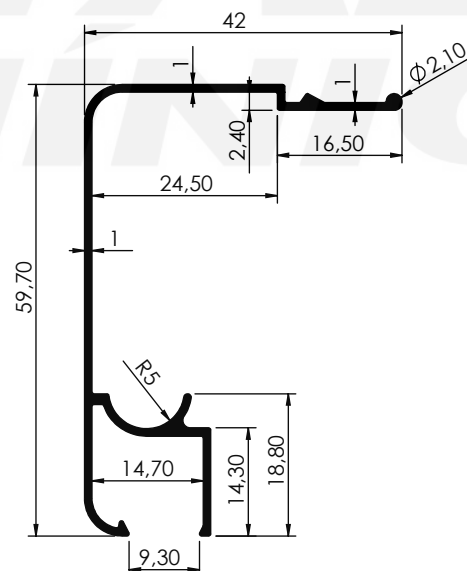
Area (mm²)
220,38
Peso (Kg/m)
0,597

VT-565



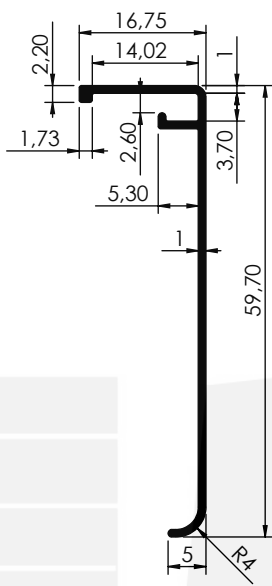
Area (mm²)
77,94
Peso (Kg/m)
0,211

VT-566



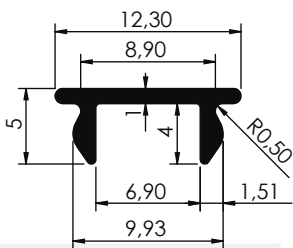
Area (mm²)
148,34
Peso (Kg/m)
0,402

VT-567



Area (mm²)
85,77
Peso (Kg/m)
0,232

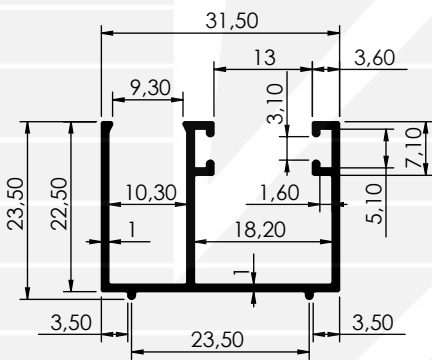
VT-568



Escala 2:1

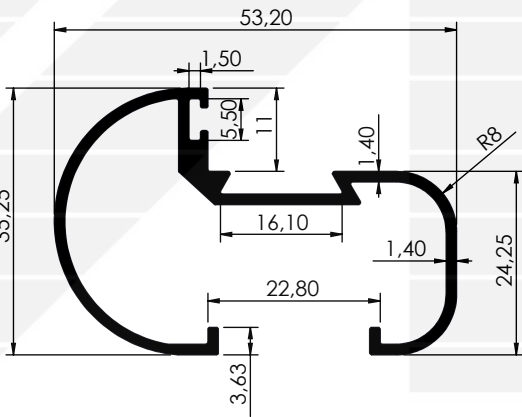
Area (mm²)
21,46
Peso (Kg/m)
0,058

VT-569



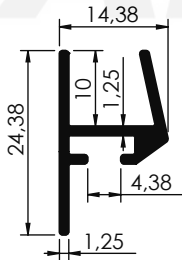
Area (mm²)
112,63
Peso (Kg/m)
0,305

VT-588



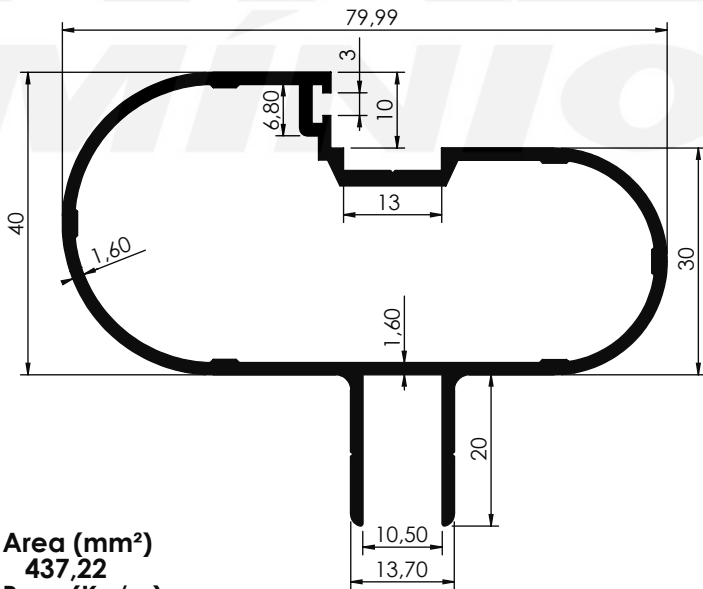
Area (mm²)
218,00
Peso (Kg/m)
0,591

VT-589



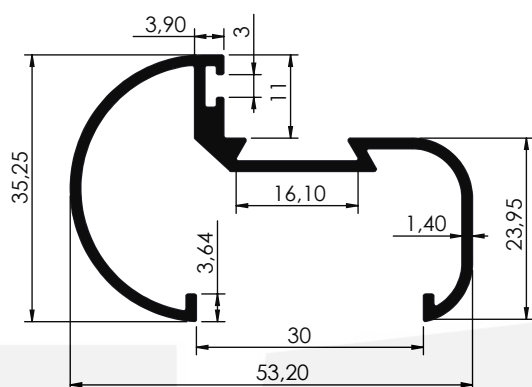
Area (mm²)
47,78
Peso (Kg/m)
0,129

VT-593



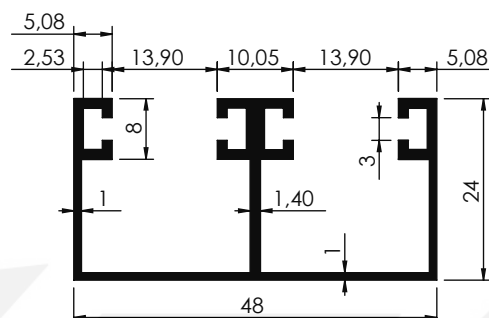
Area (mm²)
437,22
Peso (Kg/m)
1,184

VT-600



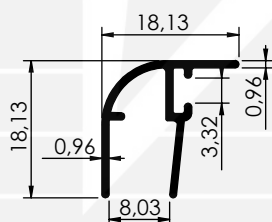
Area (mm²)
204,19
Peso (Kg/m)
0,553

VT-619



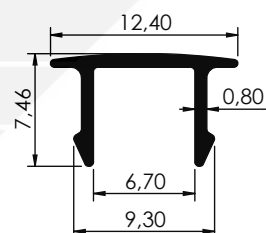
Area (mm²)
189,45
Peso (Kg/m)
0,513

VT-626



Area (mm²)
52,43
Peso (Kg/m)
0,142

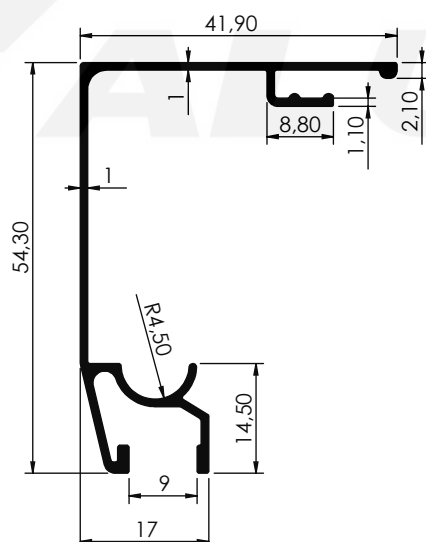
VT-631



Escala 2:1

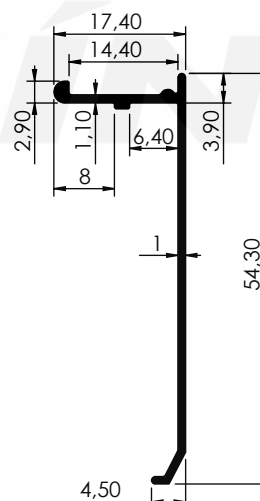
Area (mm²)
20,75
Peso (Kg/m)
0,056

VT-634



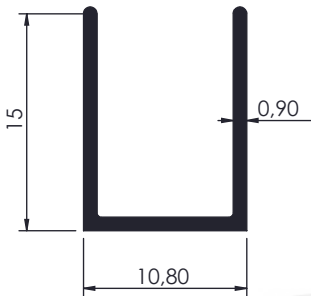
Area (mm²)
154,33
Peso (Kg/m)
0,418

VT-635



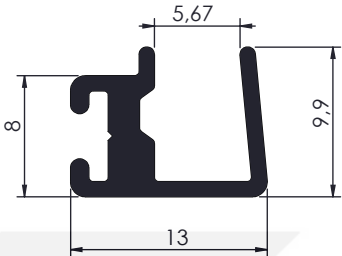
Area (mm²)
79,52
Peso (Kg/m)
0,215

VT-647



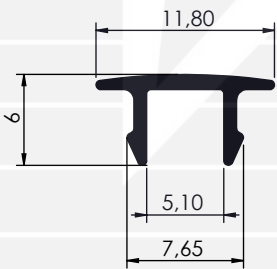
Escala 2:1
 Area (mm²)
 34,6
 Peso (Kg/m)
 0,093

VT-648



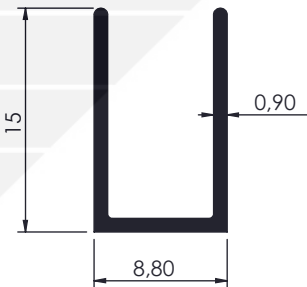
Escala 2:1
 Area (mm²)
 47,34
 Peso (Kg/m)
 0,128

VT-649



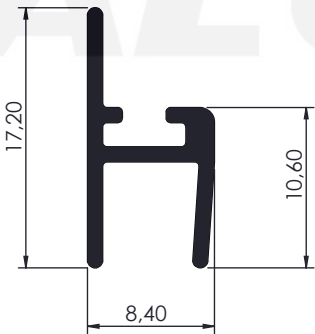
Escala 2:1
 Area (mm²)
 19,16
 Peso (Kg/m)
 0,052

VT-650



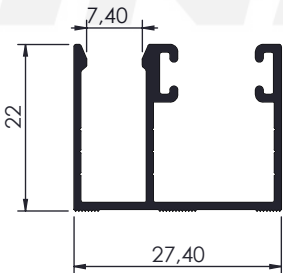
Escala 2:1
 Area (mm²)
 32,80
 Peso (Kg/m)
 0,088

VT-651



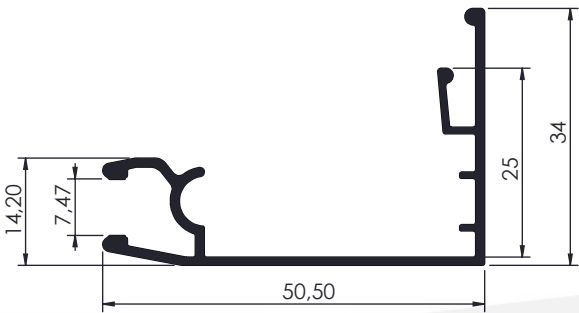
Escala 2:1
 Area (mm²)
 38,58
 Peso (Kg/m)
 0,104

VT-652



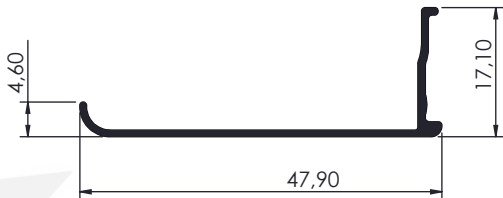
Area (mm²)
 104,43
 Peso (Kg/m)
 0,283

VT-655



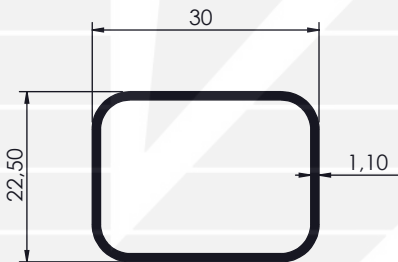
Area (mm²)
152,59
Peso (Kg/m)
0,413

VT-656



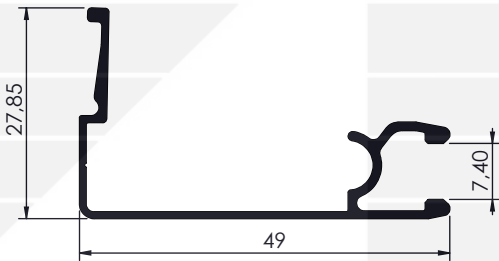
Area (mm²)
64,21
Peso (Kg/m)
0,174

VT-665



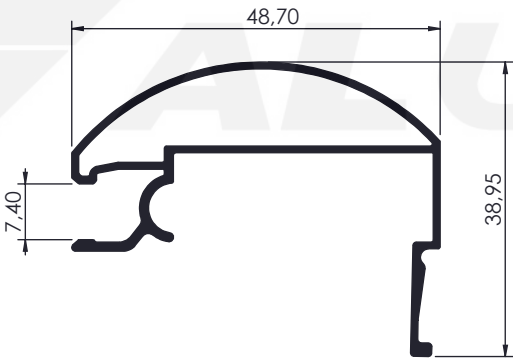
Area (mm²)
102
Peso (Kg/m)
0,277

VT-667



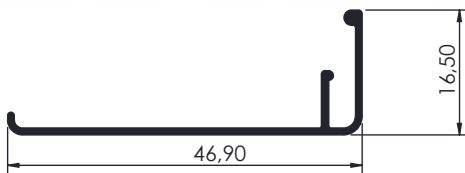
Area (mm²)
113,57
Peso (Kg/m)
0,307

VT-668



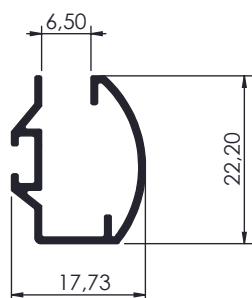
Area (mm²)
172,96
Peso (Kg/m)
0,468

VT-669



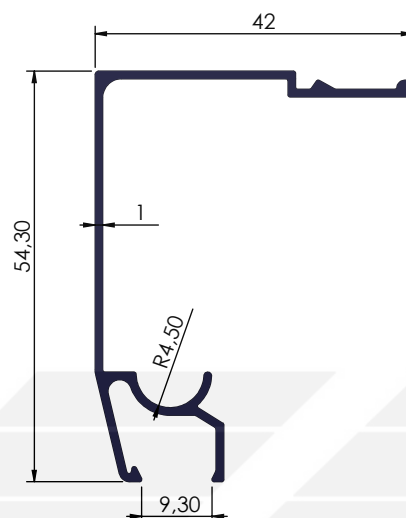
Area (mm²)
67,39
Peso (Kg/m)
0,182

VT-670



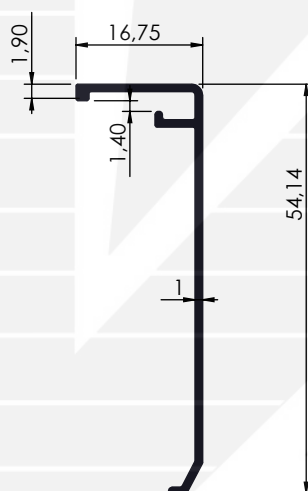
Area (mm²)
66,72
Peso (Kg/m)
0,180

VT-722



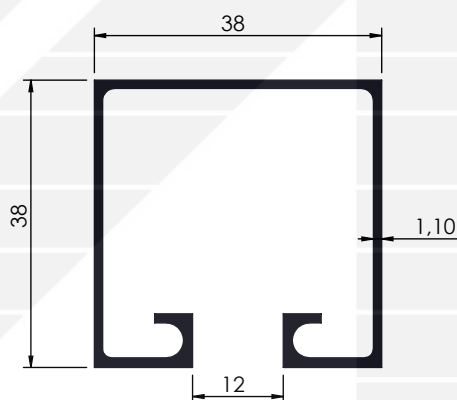
Area (mm²)
138,89
Peso (Kg/m)
0,376

VT-723



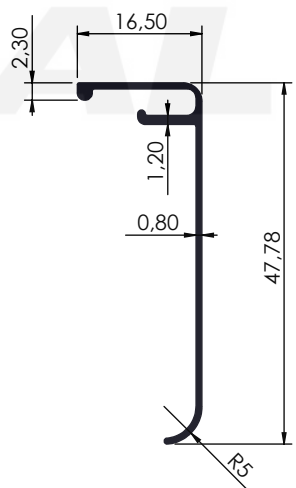
Area (mm²)
79,86
Peso (Kg/m)
0,216

VT-727



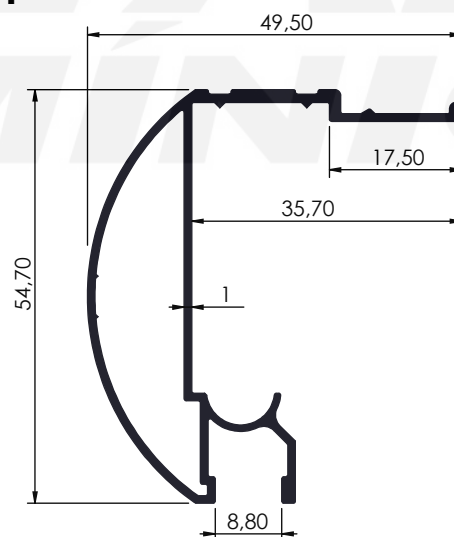
Area (mm²)
183,22
Peso (Kg/m)
0,496

VT-740



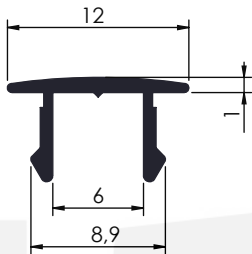
Area (mm²)
64,01
Peso (Kg/m)
0,173

VT-741



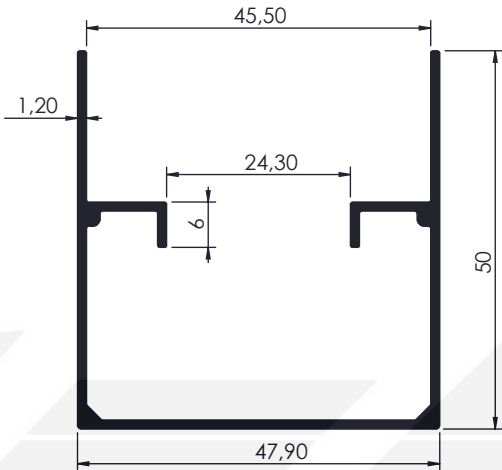
Area (mm²)
199,33
Peso (Kg/m)
0,540

VT-743



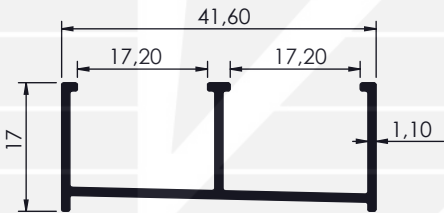
Escala 1:2
 Area (mm²)
 20,65
 Peso (Kg/m)
 0,056

VT-766



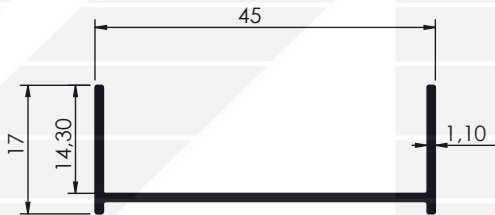
Area (mm²)
 222,18
 Peso (Kg/m)
 0,602

VT-767



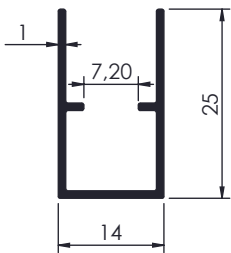
Area (mm²)
 100,74
 Peso (Kg/m)
 0,272

VT-768



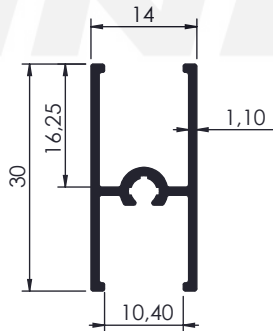
Area (mm²)
 84,40
 Peso (Kg/m)
 0,228

VT-769



Area (mm²)
 66,72
 Peso (Kg/m)
 0,180

VT-770

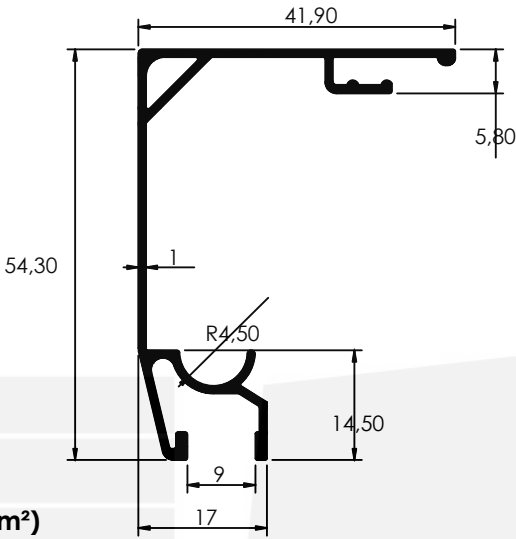


Area (mm²)
 90,61
 Peso (Kg/m)
 0,245

LINHA BOX/DIVISÓRIA/ENG.

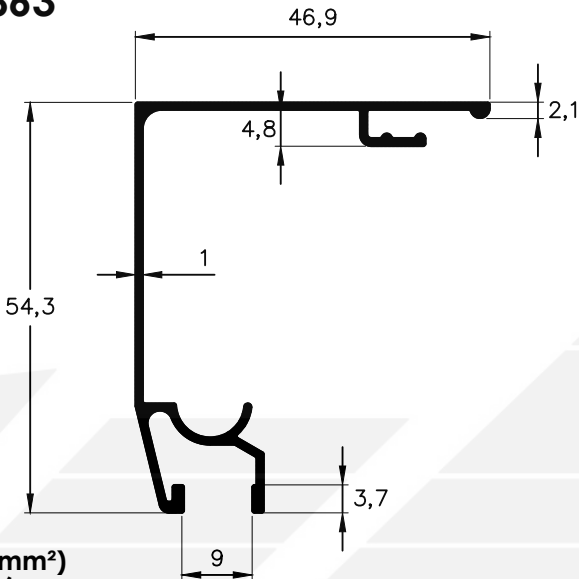
INDICE

VT-809



Area (mm²)
165,85
Peso (Kg/m)
0,449

VT-863



Area (mm²)
159,46
Peso (Kg/m)
0,432

VT-

Area (mm²)
Peso (Kg/m)

VT-

Area (mm²)
Peso (Kg/m)

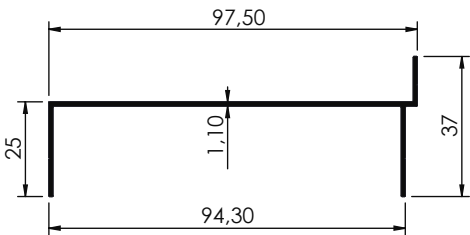
VT-

Area (mm²)
Peso (Kg/m)

VT-

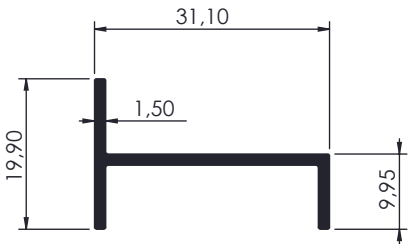
Area (mm²)
Peso (Kg/m)

VT-597



Escala 1:2
Area (mm²)
172,68
Peso (Kg/m)
0,466

VT-788



Area (mm²)
86,8
Peso (Kg/m)
0,235

VT-

VT-

Area (mm²)
Peso (Kg/m)

Area (mm²)
Peso (Kg/m)

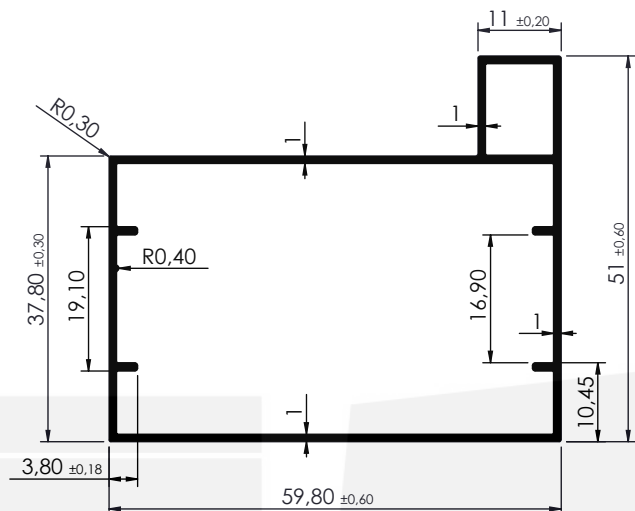
VT-

VT-

Area (mm²)
Peso (Kg/m)

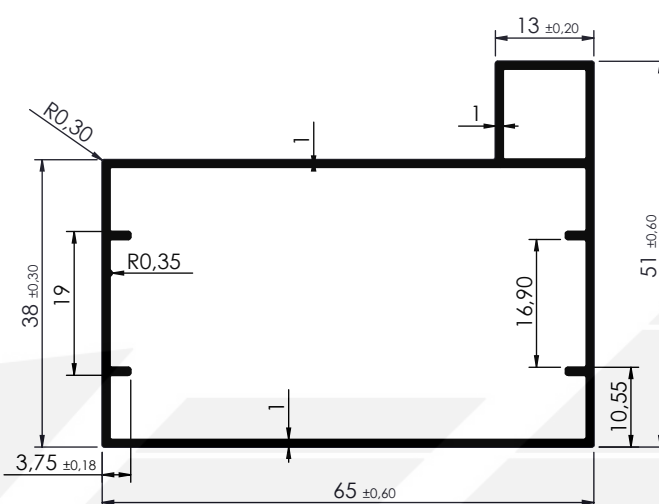
Area (mm²)
Peso (Kg/m)

VT-373



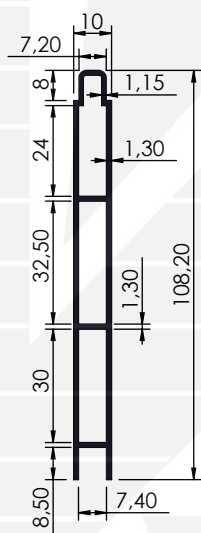
Area (mm²)
239,78
Peso (Kg/m)
0,650

VT-374



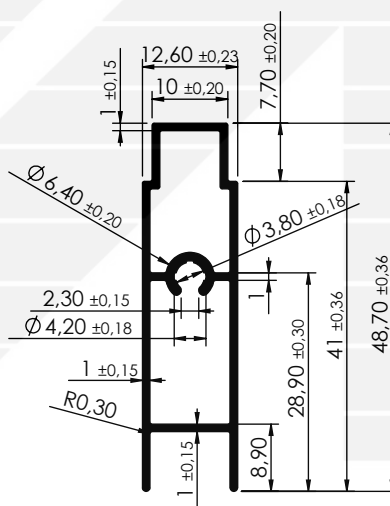
Area (mm²)
251,19
Peso (Kg/m)
0,681

VT-436



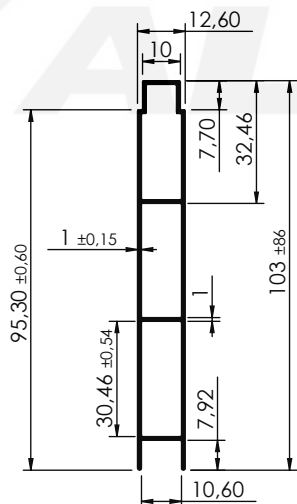
Escala 1:2
Area (mm²)
315,89
Peso (Kg/m)
0,856

VT-406



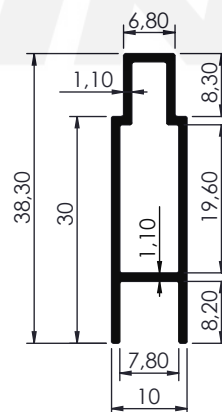
Area (mm²)
139,17
Peso (Kg/m)
0,377

VT-407



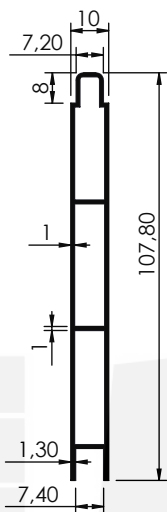
Escala 1:2
Area (mm²)
248,42
Peso (Kg/m)
0,673

VT-466



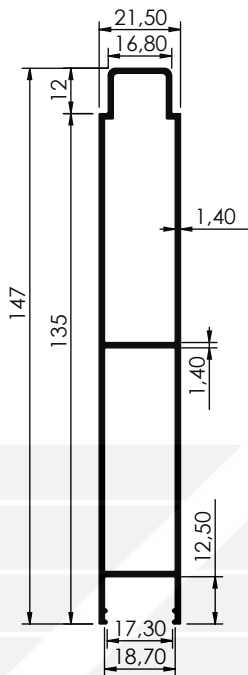
Area (mm²)
101,42
Peso (Kg/m)
0,275

VT-482



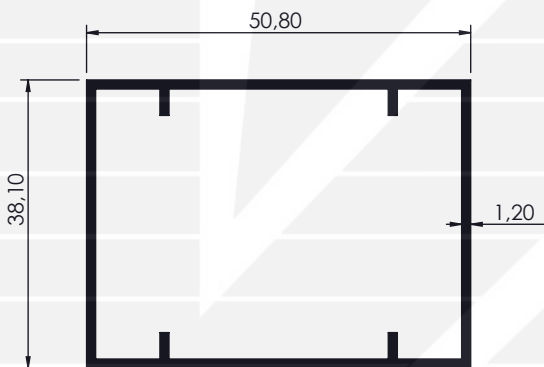
Escala 1:2
Area (mm²)
251,19
Peso (Kg/m)
0,681

VT-579



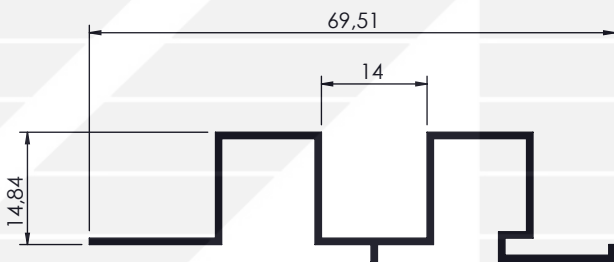
Escala 1:2
Area (mm²)
491,34
Peso (Kg/m)
1,332

VT-653



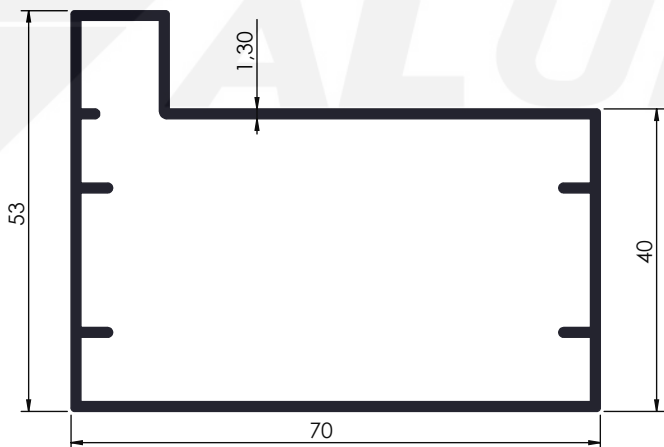
Area (mm²)
224,4
Peso (Kg/m)
0,608

VT-674



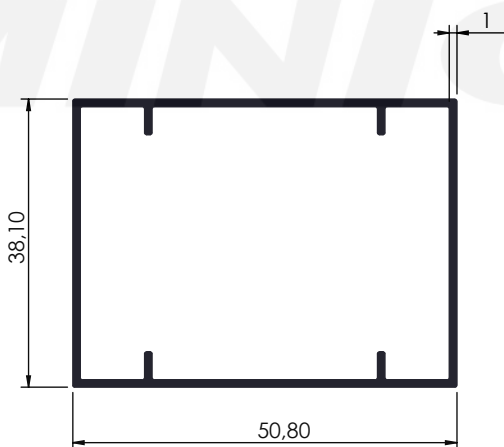
Area (mm²)
239,88
Peso (Kg/m)
0,650

VT-698



Area (mm²)
336,74
Peso (Kg/m)
0,912

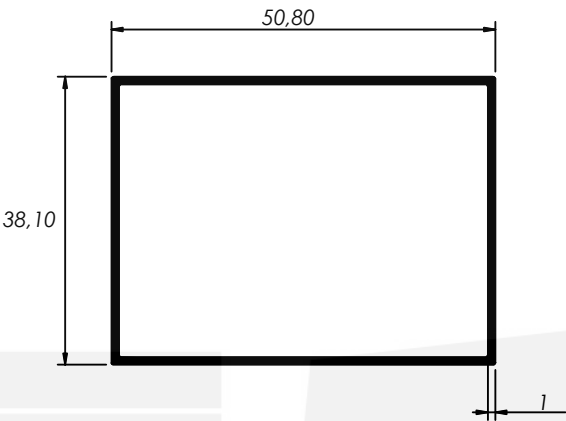
VT-750



Area (mm²)
188,6
Peso (Kg/m)
0,511

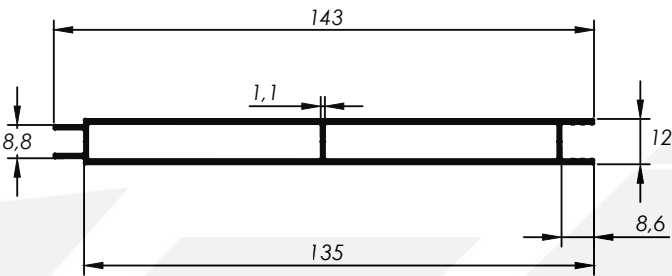
LINHA PORTÕES

VT-751



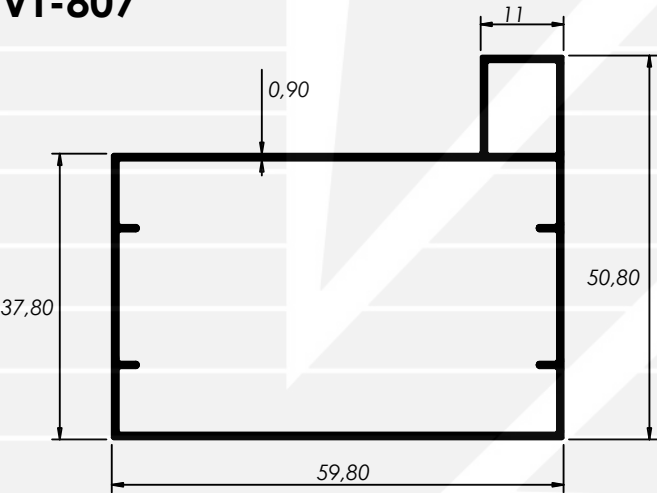
Area (mm²)
173,8
Peso (Kg/m)
0,470

VT-851



Escala 1:0.5
Area (mm²)
402
Peso (Kg/m)
1,089

VT-807



Area (mm²)
213,72
Peso (Kg/m)
0,579

VT-

Area (mm²)
Peso (Kg/m)

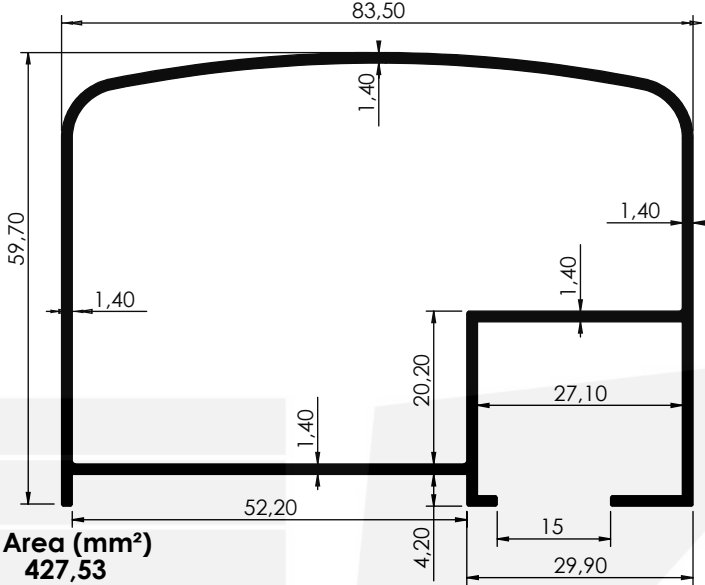
VT-

VT-

Area (mm²)
Peso (Kg/m)

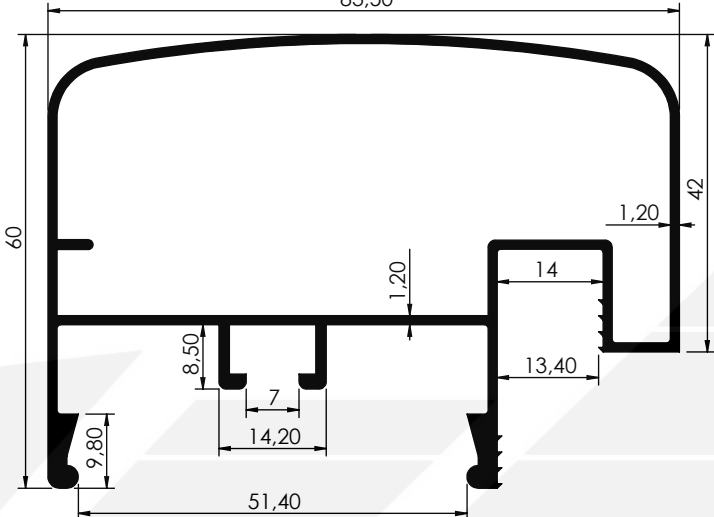
Area (mm²)
Peso (Kg/m)

VT-571



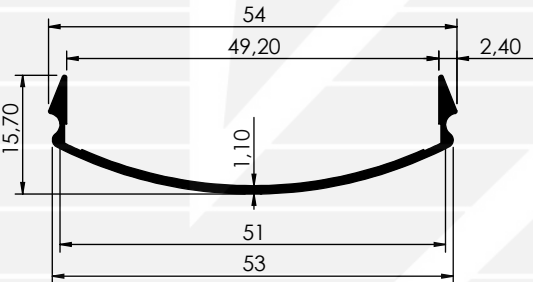
Area (mm²)
427,53
Peso (Kg/m)
1,159

VT-623



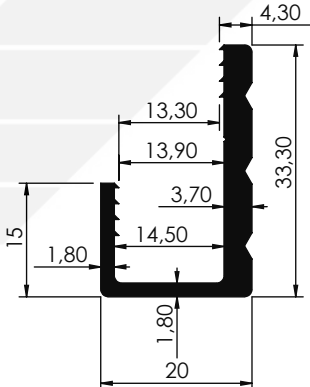
Area (mm²)
436,61
Peso (Kg/m)
1,183

VT-624



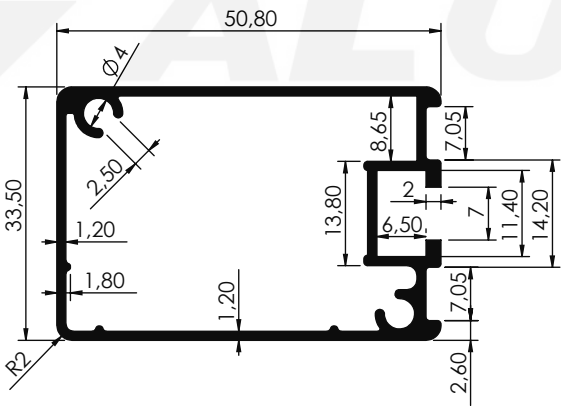
Area (mm²)
82,12
Peso (Kg/m)
0,223

VT-625



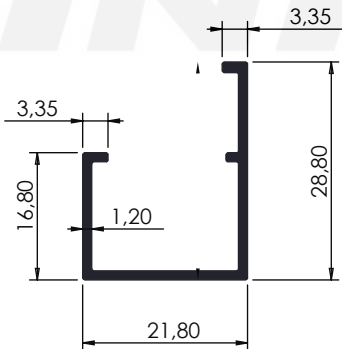
Area (mm²)
172,25
Peso (Kg/m)
0,467

VT-627



Area (mm²)
260,08
Peso (Kg/m)
0,705

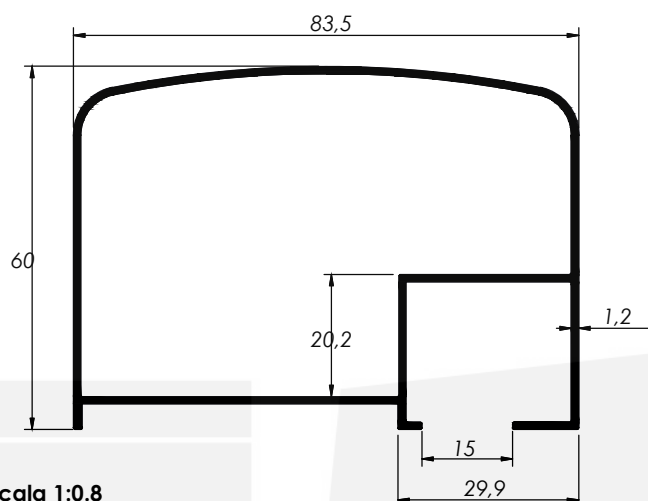
VT-748



Area (mm²)
85,49
Peso (Kg/m)
0,231

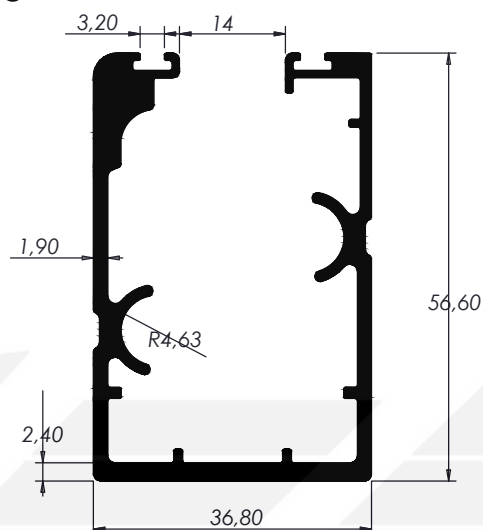
LINHA SACADAS

VT-753



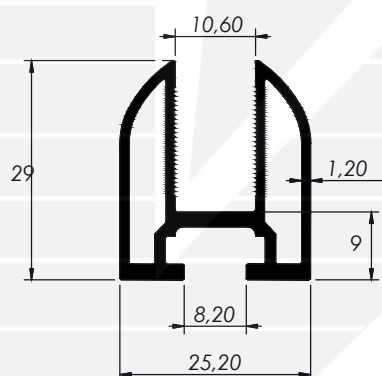
Escala 1:0.8
Area (mm²)
369,18
Peso (Kg/m)
1,040

VT-810



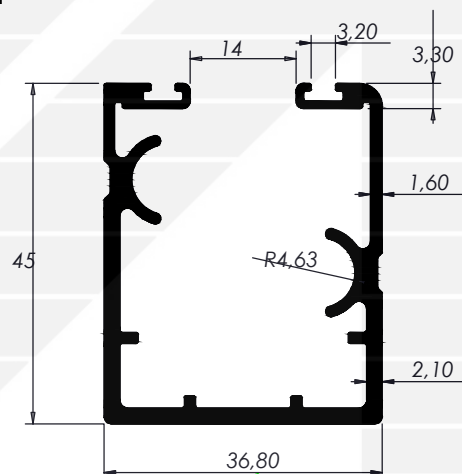
Area (mm²)
429,7
Peso (Kg/m)
1,165

VT-811



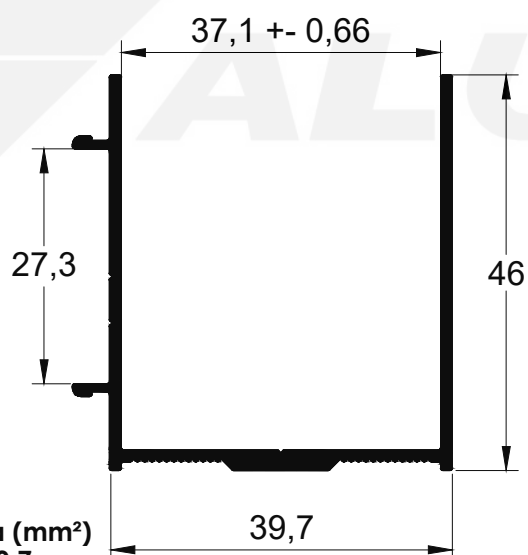
Area (mm²)
187,8
Peso (Kg/m)
0,509

VT-812



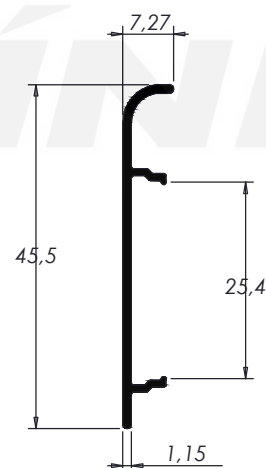
Area (mm²)
335,8
Peso (Kg/m)
0,910

VT-813



Area (mm²)
200,7
Peso (Kg/m)
0,544

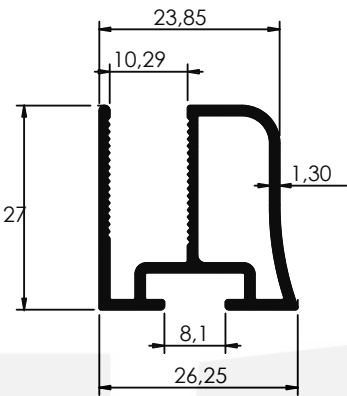
VT-814



Area (mm²)
66,2
Peso (Kg/m)
0,179

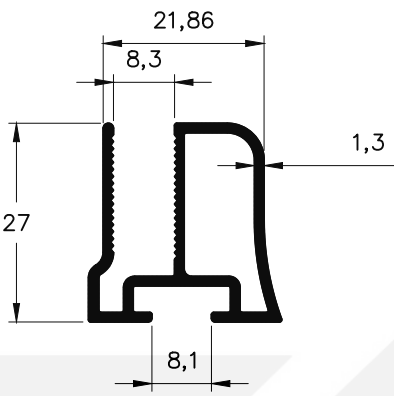
LINHA SACADAS

VT-815



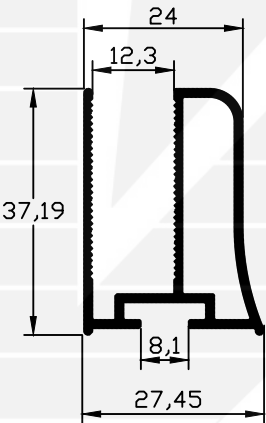
Area (mm²)
152,9
Peso (Kg/m)
0,414

VT-816



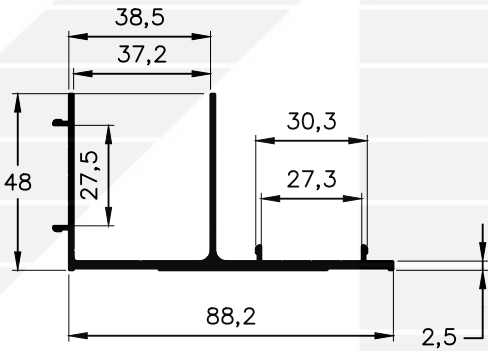
Area (mm²)
153,9
Peso (Kg/m)
0,417

VT-844



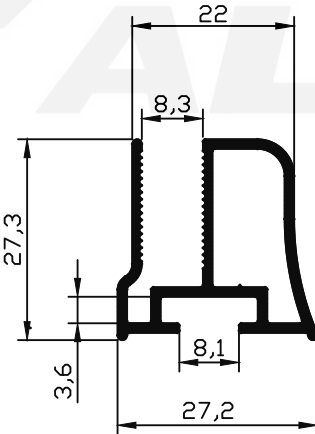
Area (mm²)
183,5
Peso (Kg/m)
0,497

VT-845



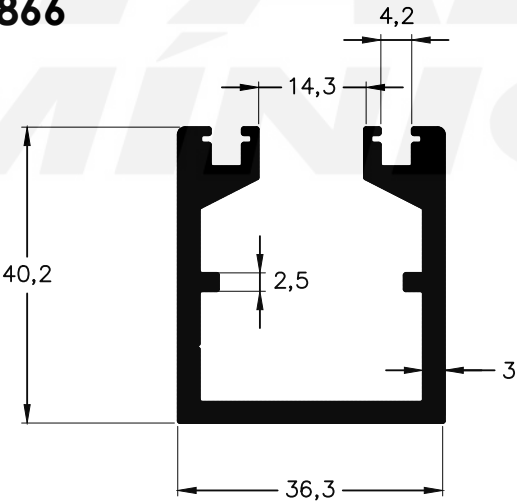
Escala 1:0.5
Area (mm²)
343,1
Peso (Kg/m)
0,930

VT-843



Area (mm²)
151,9
Peso (Kg/m)
0,418

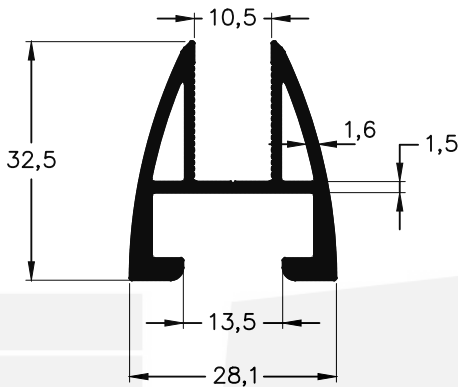
VT-866



Area (mm²)
436,5
Peso (Kg/m)
1,183

LINHA SACADAS

VT-867



Area (mm²)
230
Peso (Kg/m)
0,623

VT-

Area (mm²)
Peso (Kg/m)

VT-

VT-

Area (mm²)
Peso (Kg/m)

Area (mm²)
Peso (Kg/m)

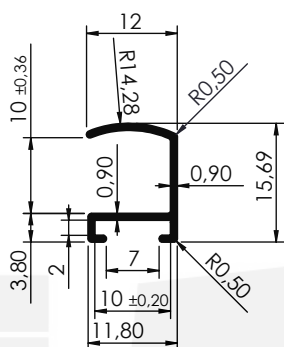
VT-

VT-

Area (mm²)
Peso (Kg/m)

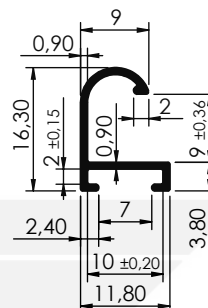
Area (mm²)
Peso (Kg/m)

VT-265



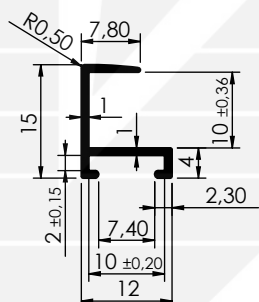
Area (mm²)
37,91
Peso (Kg/m)
0,103

VT-266



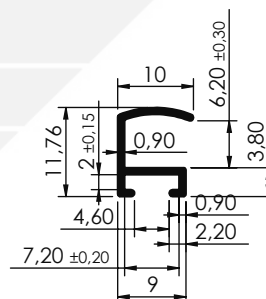
Area (mm²)
37,13
Peso (Kg/m)
0,101

VT-267



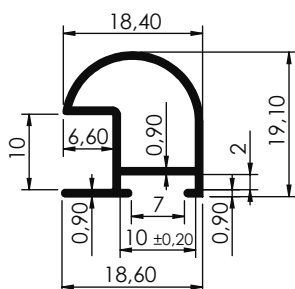
Area (mm²)
37,06
Peso (Kg/m)
0,100

VT-268



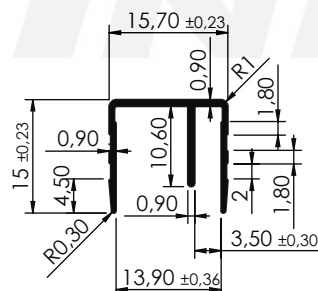
Area (mm²)
30,12
Peso (Kg/m)
0,082

VT-269



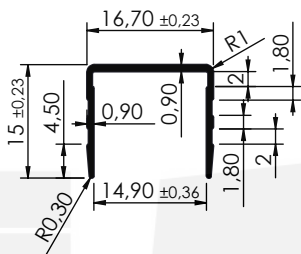
Area (mm²)
65,87
Peso (Kg/m)
0,179

VT-310



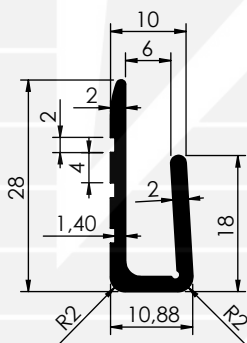
Area (mm²)
44,59
Peso (Kg/m)
0,121

VT-311



Area (mm²)
36,04
Peso (Kg/m)
0,098

VT-419



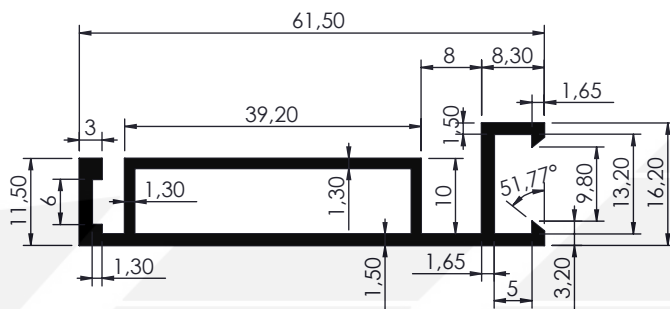
Escala 2:1

Area (mm²)
24,66
Peso (Kg/m)
0,067

VT-

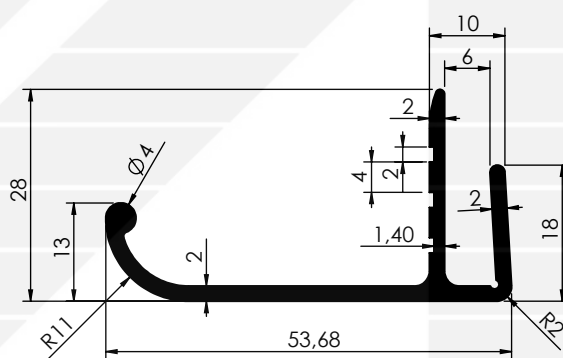
Area (mm²)
Peso (Kg/m)

VT-372



Area (mm²)
225,73
Peso (Kg/m)
0,612

VT-420

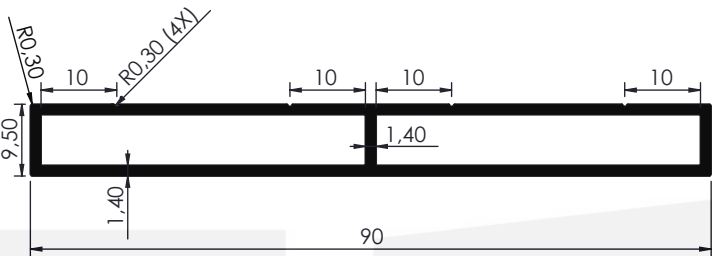


Area (mm²)
51,18
Peso (Kg/m)
0,139

VT-

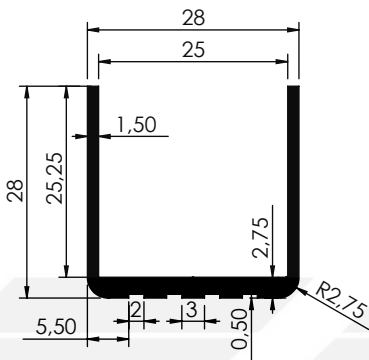
Area (mm²)
Peso (Kg/m)

VT-025



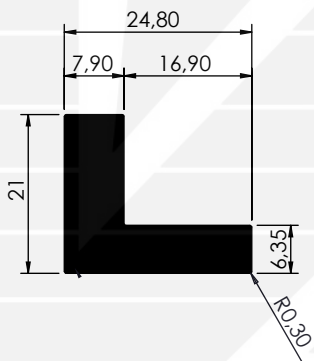
Area (mm²)
279,50
Peso (Kg/m)
0,757

VT-030



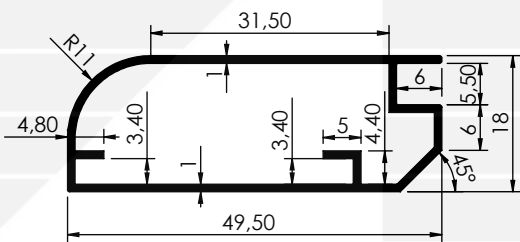
Area (mm²)
145,50
Peso (Kg/m)
0,394

VT-316



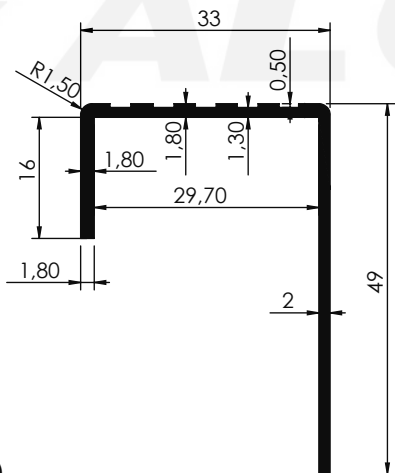
Area (mm²)
273,14
Peso (Kg/m)
0,740

VT-049



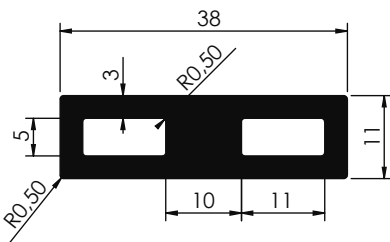
Area (mm²)
141,60
Peso (Kg/m)
0,384

VT-059



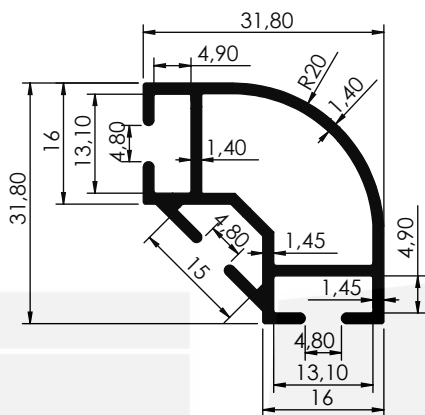
Area (mm²)
174,76
Peso (Kg/m)
0,473

VT-130



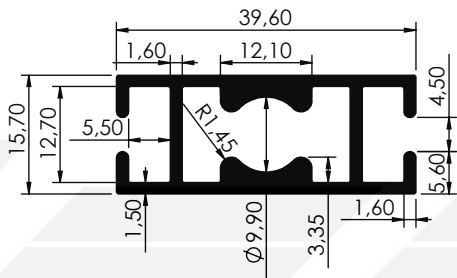
Area (mm²)
308,21
Peso (Kg/m)
0,835

VT-133



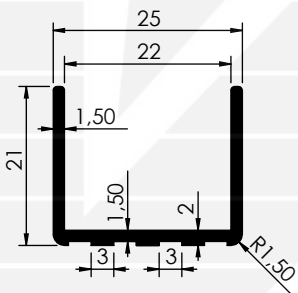
Area (mm²)
199,22
Peso (Kg/m)
0,540

VT-134



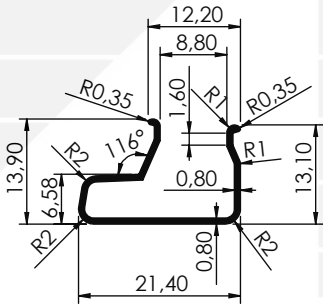
Area (mm²)
242,41
Peso (Kg/m)
0,657

VT-193



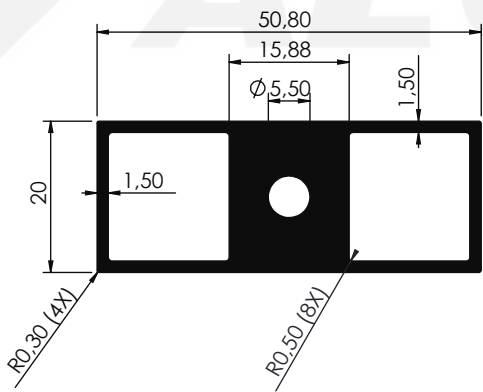
Area (mm²)
99,82
Peso (Kg/m)
0,271

VT-249



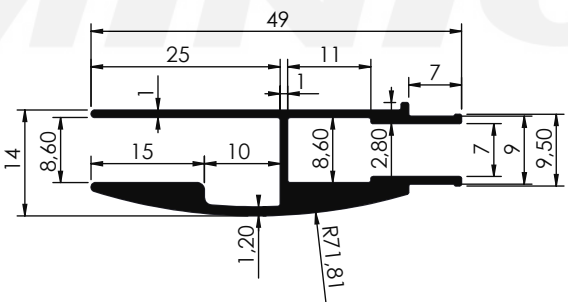
Area (mm²)
43,09
Peso (Kg/m)
0,117

VT-253



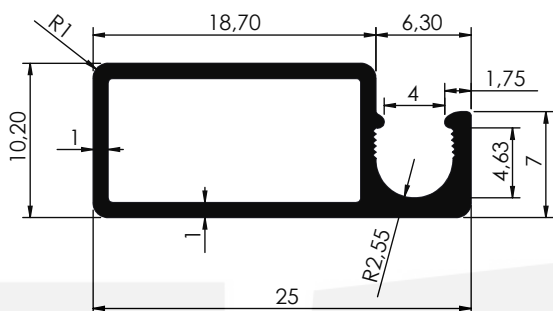
Area (mm²)
449,87
Peso (Kg/m)
1,219

VT-460



Area (mm²)
183,69
Peso (Kg/m)
0,498

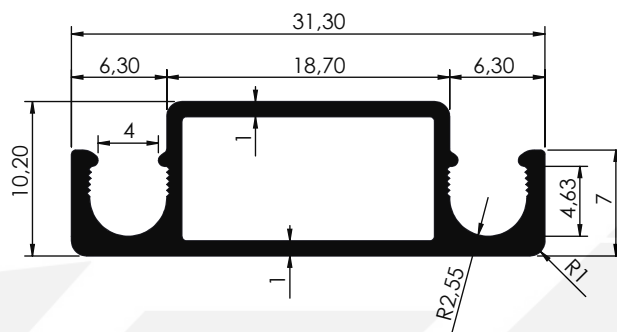
VT-470



Escala 2:1

Area (mm²)
71,34
Peso (Kg/m)
0,193

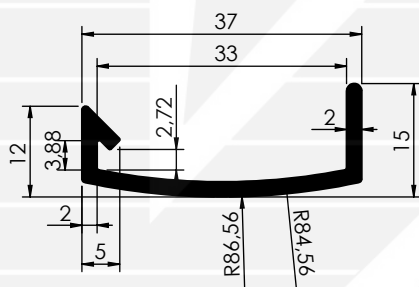
VT-471



Escala 2:1

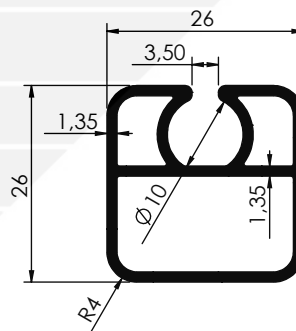
Area (mm²)
89,66
Peso (Kg/m)
0,243

VT-394



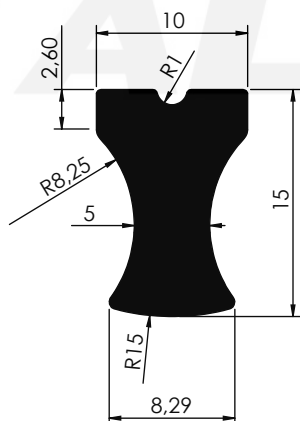
Area (mm²)
118,80
Peso (Kg/m)
0,322

VT-103



Area (mm²)
181,90
Peso (Kg/m)
0,493

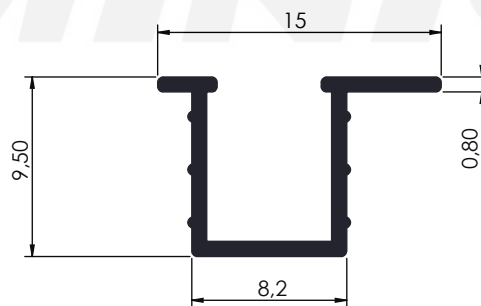
VT-496



Escala 2:1

Area (mm²)
104,79
Peso (Kg/m)
0,284

VT-728

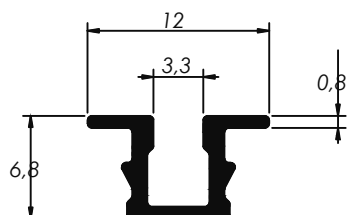


Escala 5:1

Area (mm²)
27,10
Peso (Kg/m)
0,073

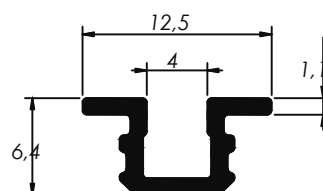
MOVEIS

VT-746



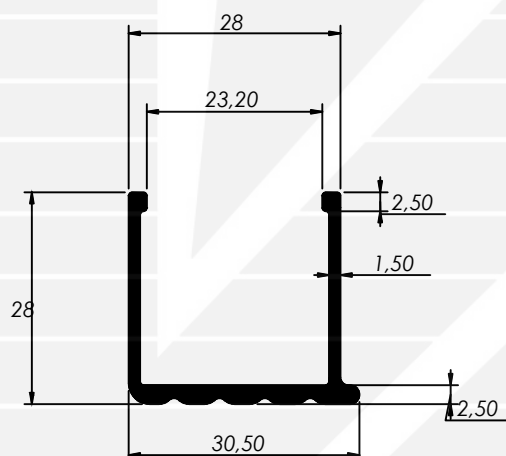
Escala 2:1
Area (mm²)
25,69
Peso (Kg/m)
0,070

VT-747



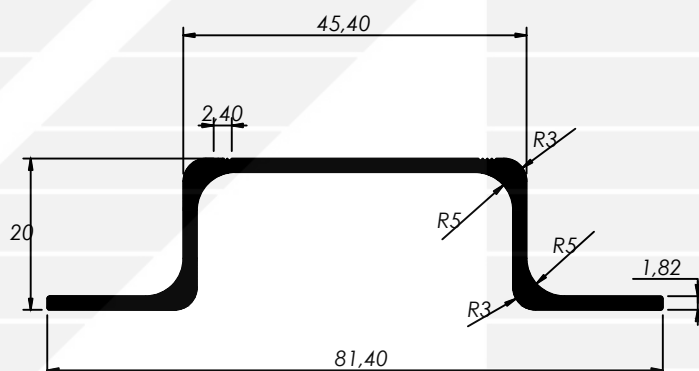
Escala 2:1
Area (mm²)
27,22
Peso (Kg/m)
0,073

VT-819



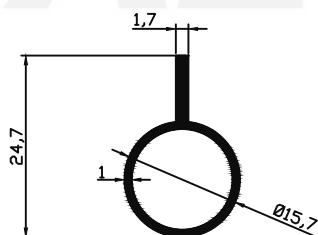
Area (mm²)
149,7
Peso (Kg/m)
0,406

VT-831



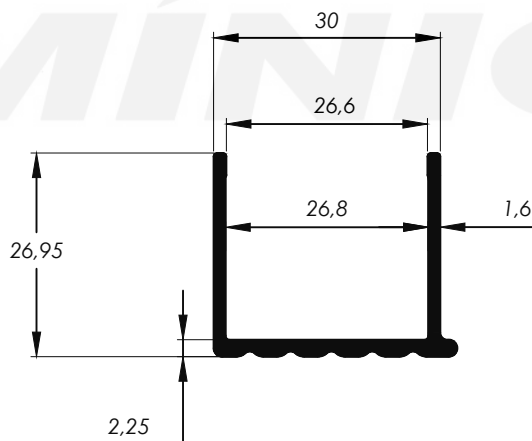
Area (mm²)
225
Peso (Kg/m)
0,610

VT-833



Area (mm²)
61,51
Peso (Kg/m)
0,166

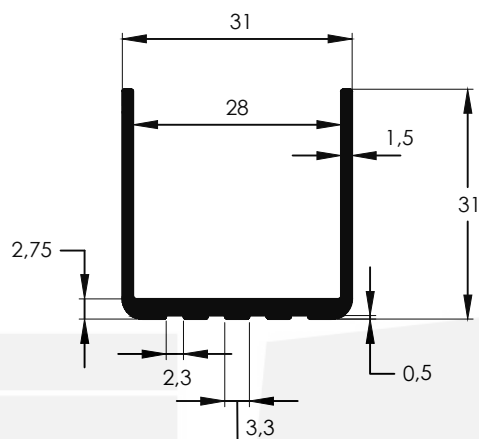
VT-839



Area (mm²)
166,6
Peso (Kg/m)
0,396

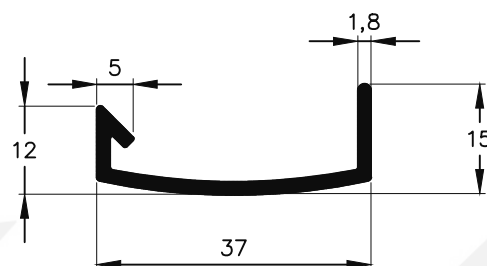
MOVEIS

VT-847



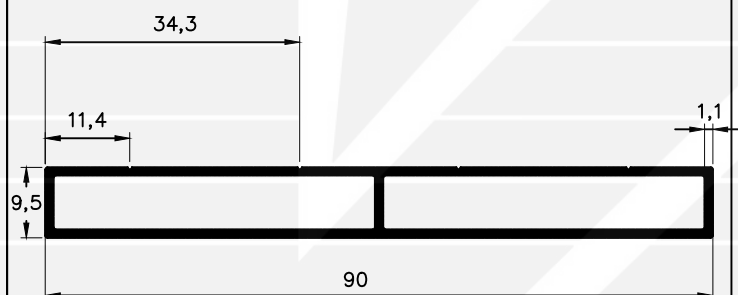
Area (mm²)
161,96
Peso (Kg/m)
0,438

VT-870



Area (mm²)
108,5
Peso (Kg/m)
0,294

VT-871



Area (mm²)
221,6
Peso (Kg/m)
0,601

VT-

Area (mm²)
Peso (Kg/m)

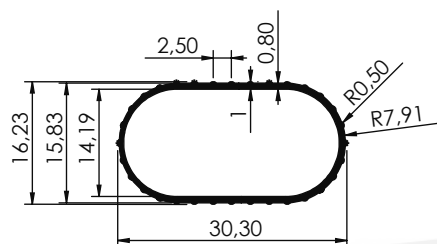
VT-

Area (mm²)
Peso (Kg/m)

VT-

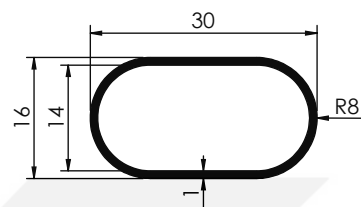
Area (mm²)
Peso (Kg/m)

VT-022



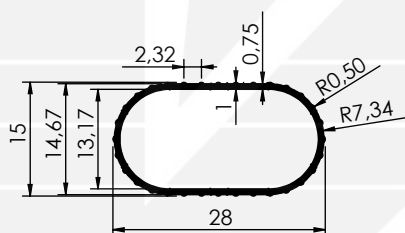
Area (mm²)
61,69
Peso (Kg/m)
0,167

VT-039



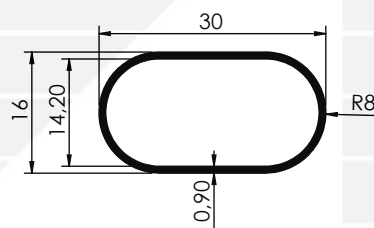
Area (mm²)
75,12
Peso (Kg/m)
0,204

VT-071



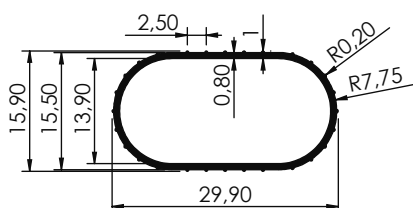
Area (mm²)
56,50
Peso (Kg/m)
0,153

VT-228



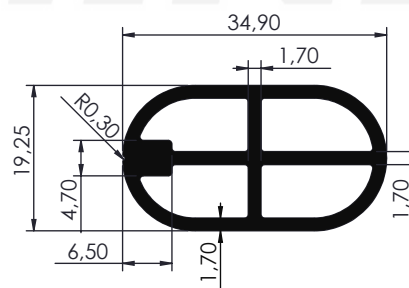
Area (mm²)
67,89
Peso (Kg/m)
0,184

VT-232



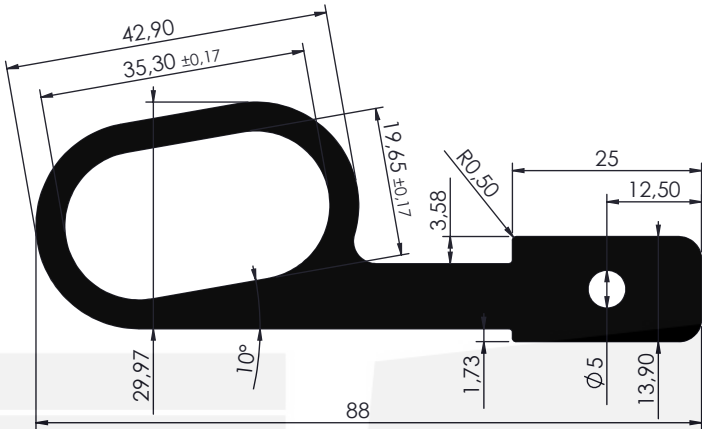
Area (mm²)
61,11
Peso (Kg/m)
0,166

VT-458



Area (mm²)
239,03
Peso (Kg/m)
0,648

VT-459



Area (mm²)
990,94
Peso (Kg/m)
2,685

VT-

Area (mm²)
Peso (Kg/m)

VT-

VT-

Area (mm²)
Peso (Kg/m)

Area (mm²)
Peso (Kg/m)

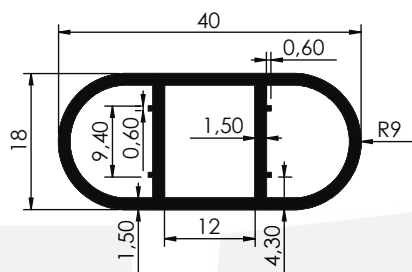
VT-

VT-

Area (mm²)
Peso (Kg/m)

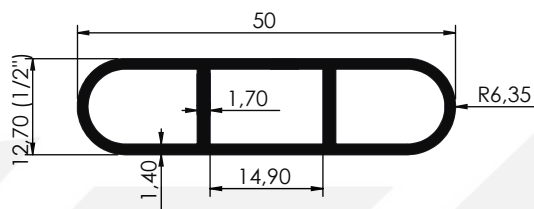
Area (mm²)
Peso (Kg/m)

VT-006



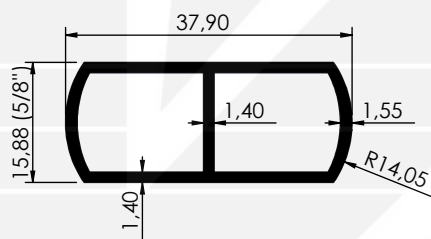
Area (mm²)
190,19
Peso (Kg/m)
0,515

VT-057



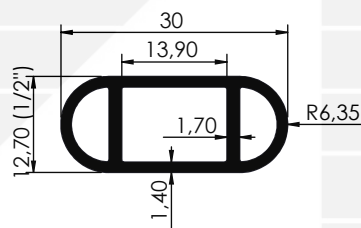
Area (mm²)
187,80
Peso (Kg/m)
0,508

VT-102



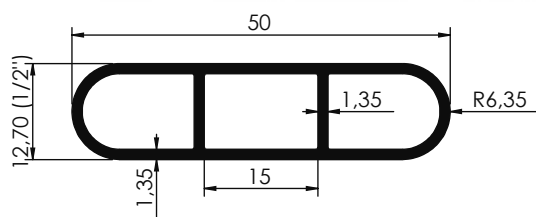
Area (mm²)
153,73
Peso (Kg/m)
0,416

VT-104



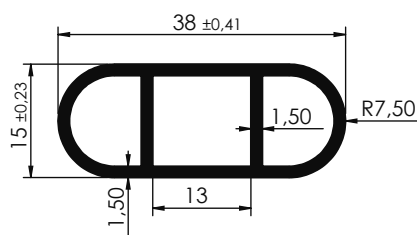
Area (mm²)
131,96
Peso (Kg/m)
0,358

VT-155



Area (mm²)
176,00
Peso (Kg/m)
0,477

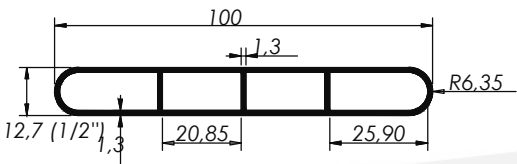
VT-161



Area (mm²)
168,62
Peso (Kg/m)
0,457

MOVEIS - OBILONGO

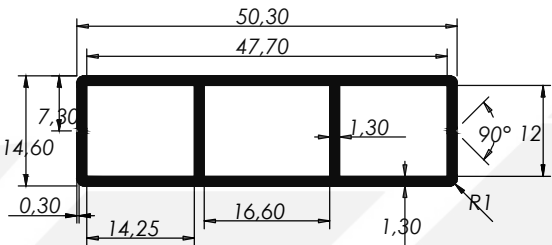
VT-168



Escala 1:2

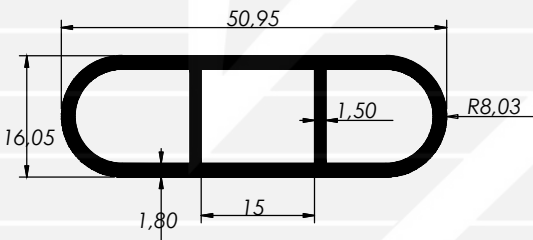
Area (mm²)
312.87
Peso (Kg/m)
0.848

VT-178



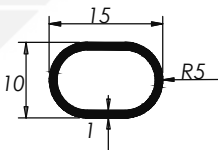
Area (mm²)
192.14
Peso (Kg/m)
0.521

VT-199



Area (mm²)
243.57
Peso (Kg/m)
0.660

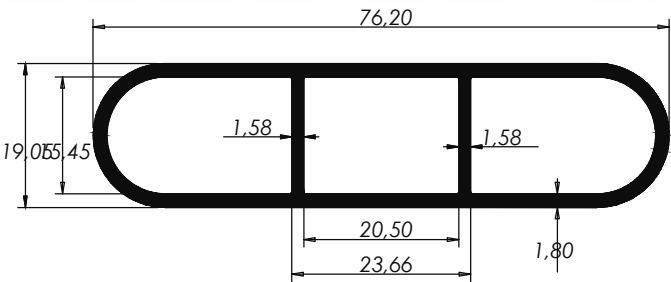
VT-287



Area (mm²)
38.27
Peso (Kg/m)
0.104

VT-

VT-414

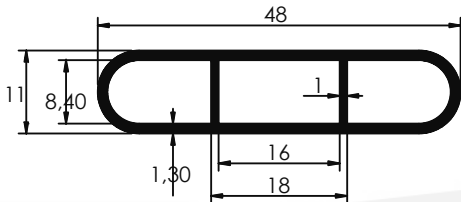


Area (mm²)
Peso (Kg/m)

Area (mm²)
352.26
Peso (Kg/m)
0.955

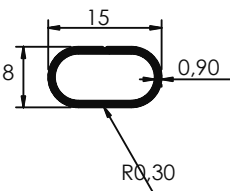
MOVEIS - OBILONGO

VT-416



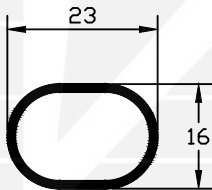
Area (mm²)
152,62
Peso (Kg/m)
0,414

VT-516



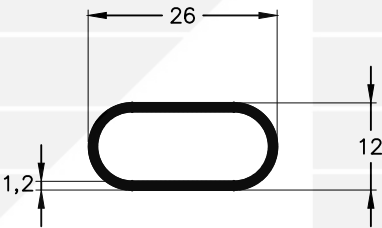
Area (mm²)
32,56
Peso (Kg/m)
0,088

VT-838



Area (mm²)
72,6
Peso (Kg/m)
0,197

VT-865



Area (mm²)
74,3
Peso (Kg/m)
0,201

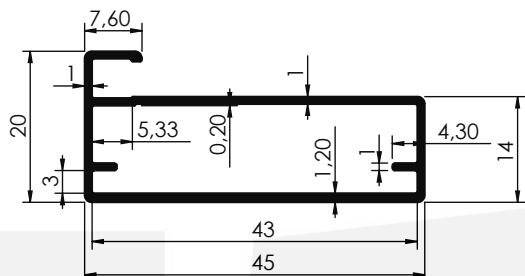
VT-

VT-

Area (mm²)
Peso (Kg/m)

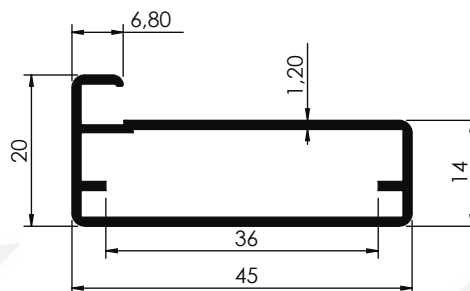
Area (mm²)
Peso (Kg/m)

VT-001



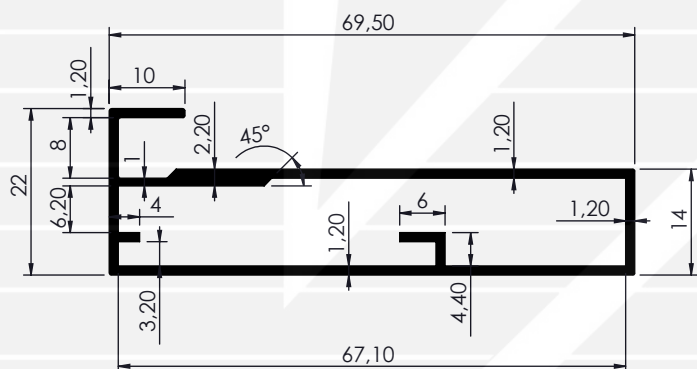
Area (mm²)
141,41
Peso (Kg/m)
0,383

VT-046



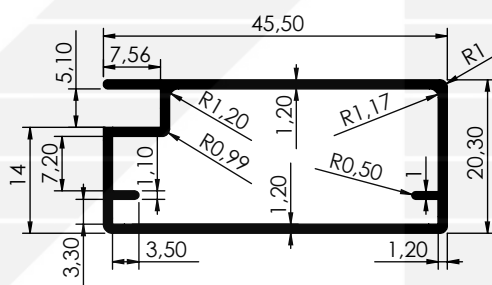
Area (mm²)
154,56
Peso (Kg/m)
0,418

VT-047



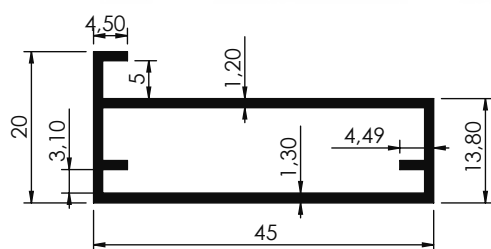
Area (mm²)
240,45
Peso (Kg/m)
0,652

VT-052



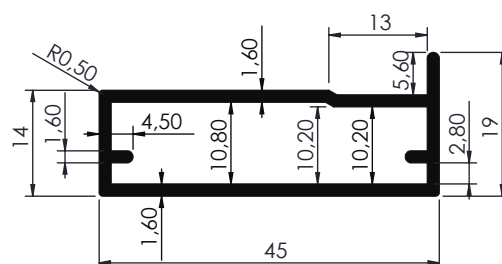
Area (mm²)
167,82
Peso (Kg/m)
0,454

VT-183



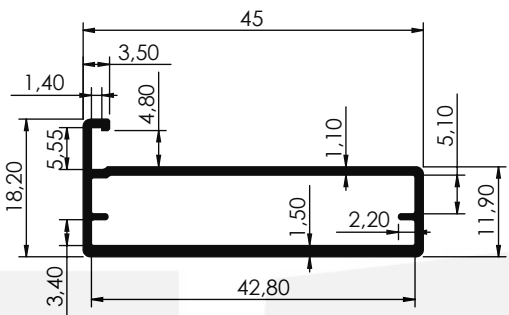
Area (mm²)
158,59
Peso (Kg/m)
0,431

VT-226



Area (mm²)
195,11
Peso (Kg/m)
0,529

VT-552



Area (mm²)
150,19
Peso (Kg/m)
0,407

VT-

Area (mm²)
Peso (Kg/m)

VT-

VT-

Area (mm²)
Peso (Kg/m)

Area (mm²)
Peso (Kg/m)

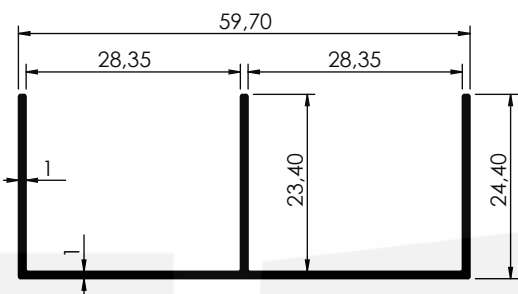
VT-

VT-

Area (mm²)
Peso (Kg/m)

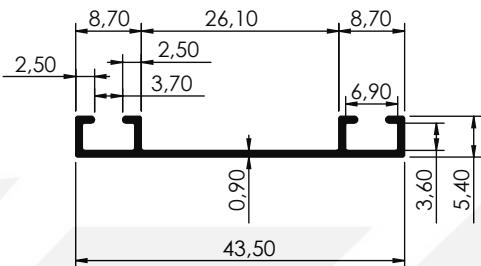
Area (mm²)
Peso (Kg/m)

VT-131



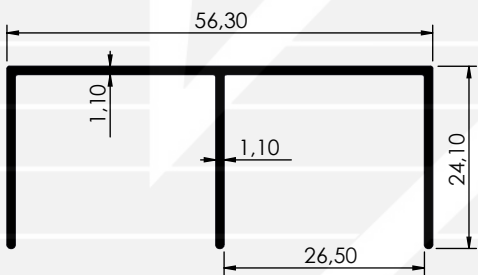
Area (mm²)
129,82
Peso (Kg/m)
0,352

VT-132



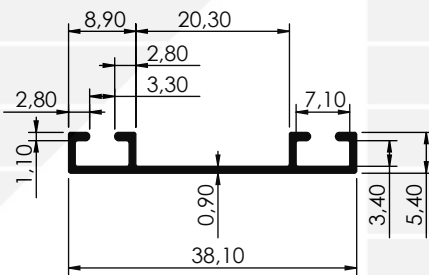
Area (mm²)
60,84
Peso (Kg/m)
0,165

VT-137



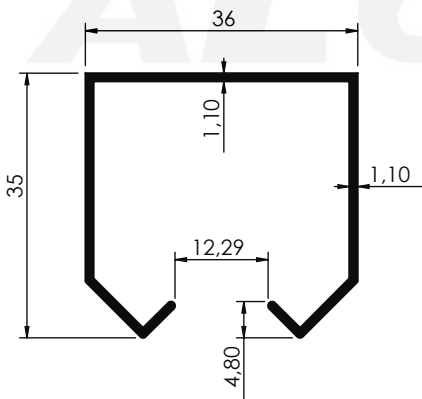
Area (mm²)
137,48
Peso (Kg/m)
0,373

VT-138



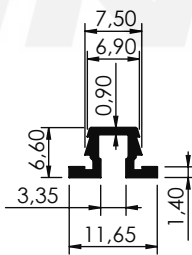
Area (mm²)
58,40
Peso (Kg/m)
0,158

VT-367



Area (mm²)
131,65
Peso (Kg/m)
0,357

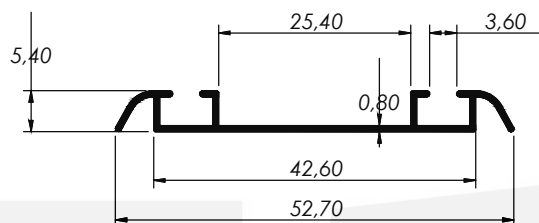
VT-368



Area (mm²)
27,17
Peso (Kg/m)
0,074

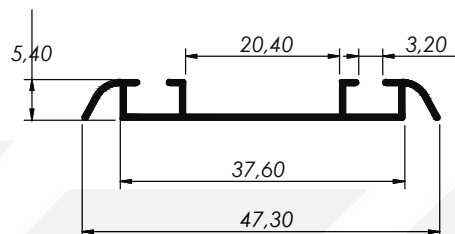
MOVEIS - TRILHO

VT-702



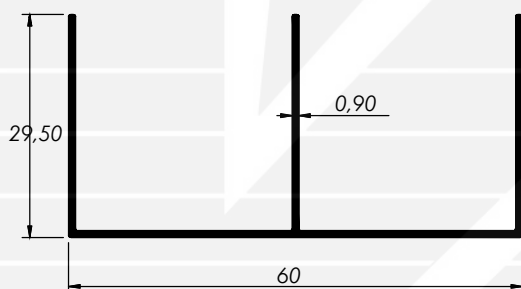
Escala 2:1
Area (mm²)
65,53
Peso (Kg/m)
0,177

VT-703



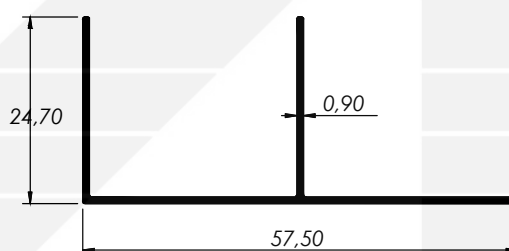
Escala 2:1
Area (mm²)
61,53
Peso (Kg/m)
0,167

VT-704



Escala 2:1
Area (mm²)
131,14
Peso (Kg/m)
0,355

VT-705



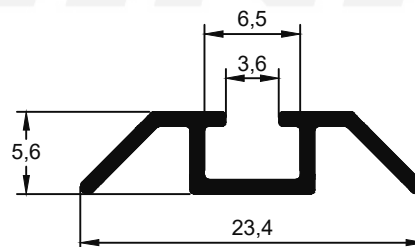
Escala 2:1
Area (mm²)
115,94
Peso (Kg/m)
0,314

VT-755



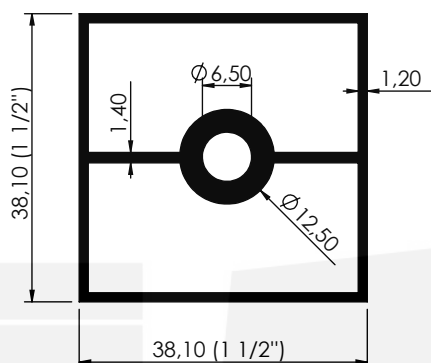
Escala 2:1
Area (mm²)
101,36
Peso (Kg/m)
0,275

VT-841



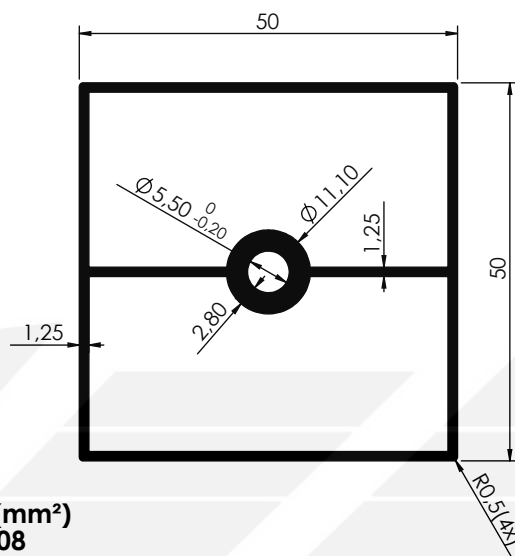
Escala 2:1
Area (mm²)
39,1
Peso (Kg/m)
0,106

VT-044



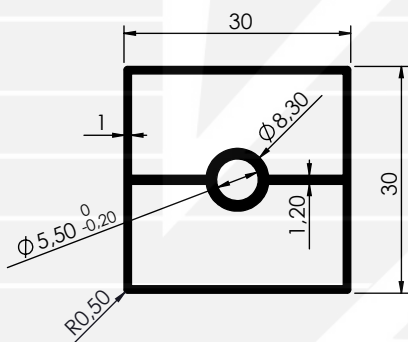
Area (mm²)
229,18
Peso (Kg/m)
0,811

VT-203



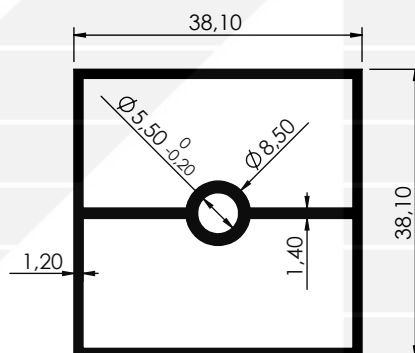
Area (mm²)
362,08
Peso (Kg/m)
0,981

VT-227



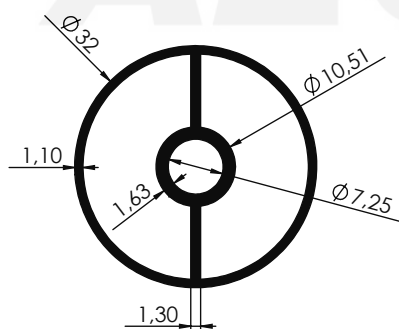
Area (mm²)
169,81
Peso (Kg/m)
0,460

VT-238



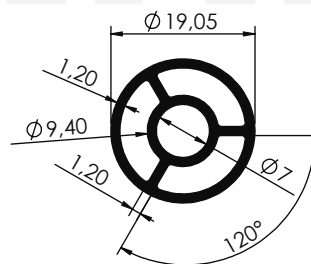
Area (mm²)
248,24
Peso (Kg/m)
0,673

VT-244



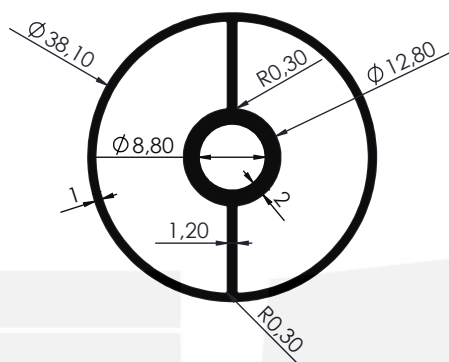
Area (mm²)
177,36
Peso (Kg/m)
0,481

VT-315



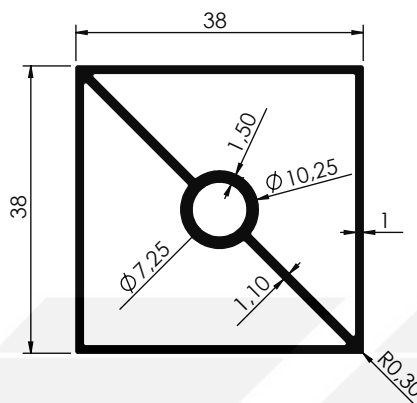
Area (mm²)
111,90
Peso (Kg/m)
0,303

VT-376



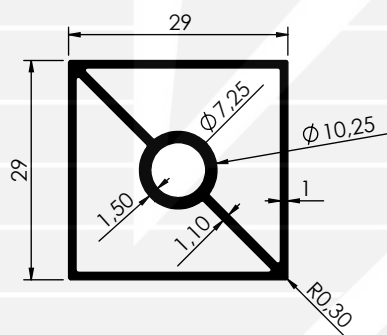
Area (mm²)
212,53
Peso (Kg/m)
0,576

VT-388



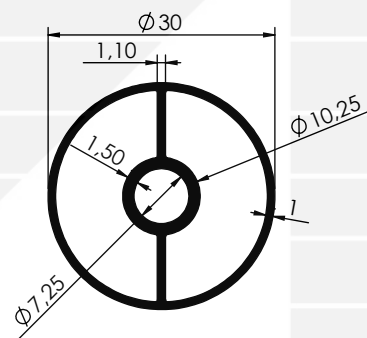
Area (mm²)
233,84
Peso (Kg/m)
0,634

VT-389



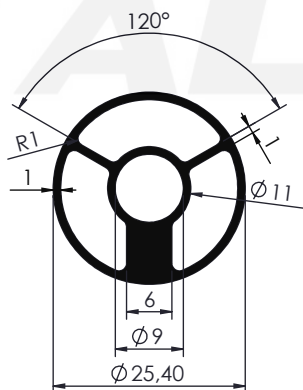
Area (mm²)
183,84
Peso (Kg/m)
0,498

VT-390



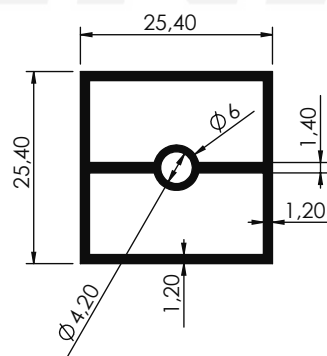
Area (mm²)
152,02
Peso (Kg/m)
0,412

VT-472



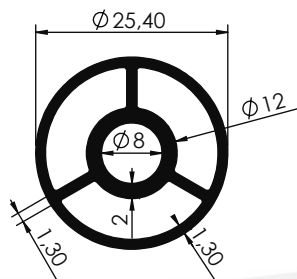
Area (mm²)
161,26
Peso (Kg/m)
0,437

VT-473



Area (mm²)
154,54
Peso (Kg/m)
0,418

VT-616



Area (mm²)
182,35
Peso (Kg/m)
0,494

VT-

Area (mm²)
Peso (Kg/m)

VT-

VT-

Area (mm²)
Peso (Kg/m)

Area (mm²)
Peso (Kg/m)

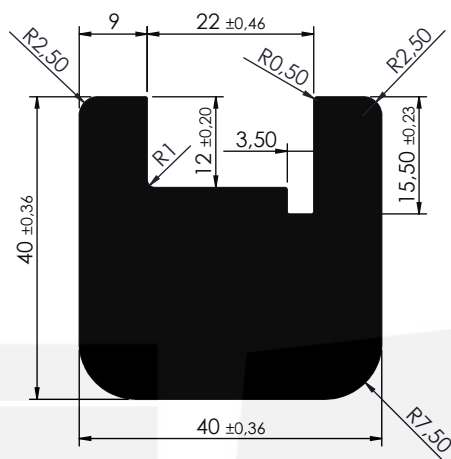
VT-

VT-

Area (mm²)
Peso (Kg/m)

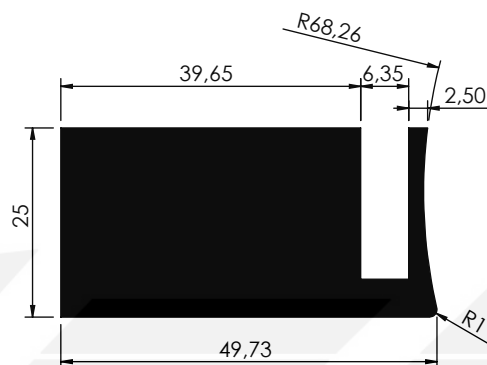
Area (mm²)
Peso (Kg/m)

VT-002



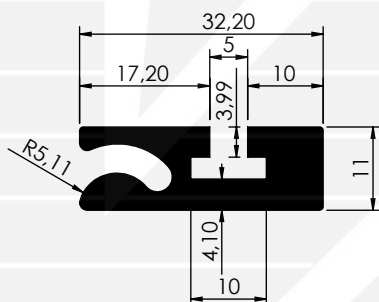
Area (mm²)
1.297,09
Peso (Kg/m)
3,515

VT-014



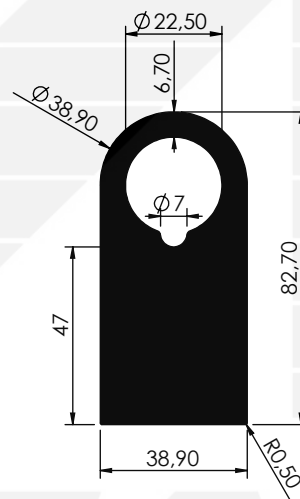
Area (mm²)
1.084,51
Peso (Kg/m)
2,939

VT-086



Area (mm²)
253,07
Peso (Kg/m)
0,685

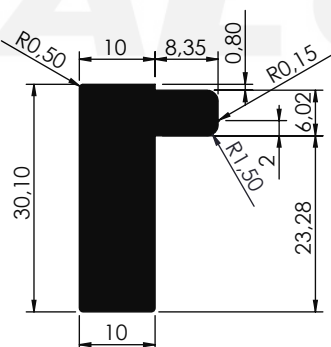
VT-231



Escala 1:2

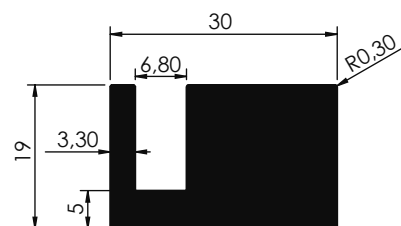
Area (mm²)
2.523,11
Peso (Kg/m)
6,838

VT-247



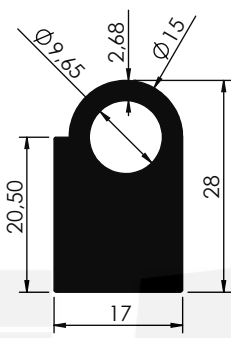
Area (mm²)
350,18
Peso (Kg/m)
0,949

VT-119



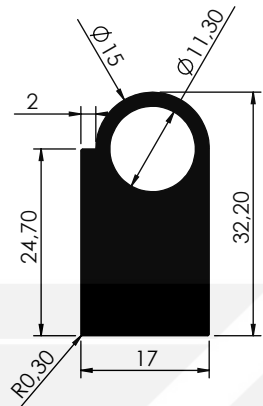
Area (mm²)
474,59
Peso (Kg/m)
1,286

VT-125



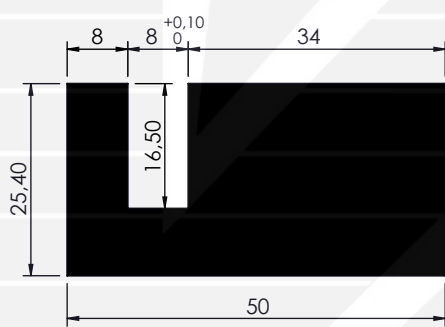
Area (mm²)
363,66
Peso (Kg/m)
0,986

VT-124



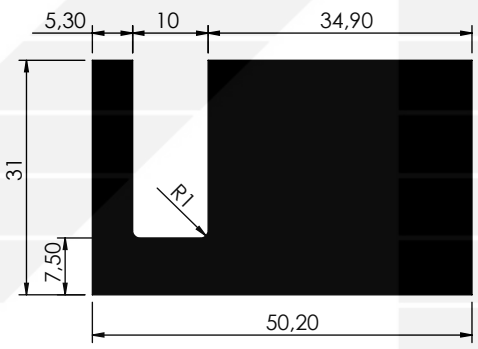
Area (mm²)
407,91
Peso (Kg/m)
1,105

VT-298



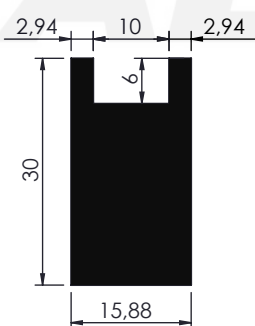
Area (mm²)
1.138,00
Peso (Kg/m)
3,084

VT-169



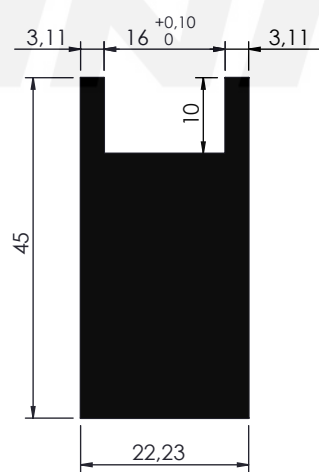
Area (mm²)
1.321,63
Peso (Kg/m)
3,582

VT-299



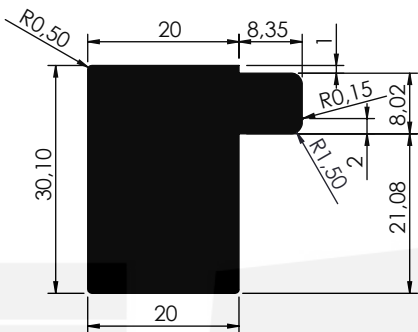
Area (mm²)
416,25
Peso (Kg/m)
1,128

VT-300



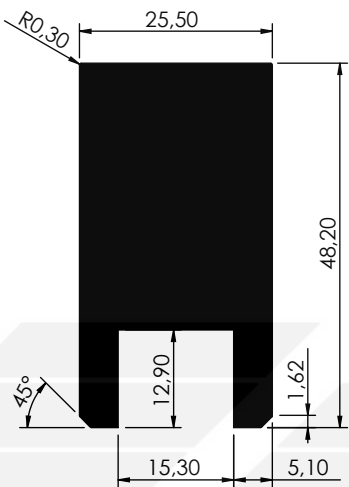
Area (mm²)
840,12
5Peso (Kg/m)
2,277

VT-248



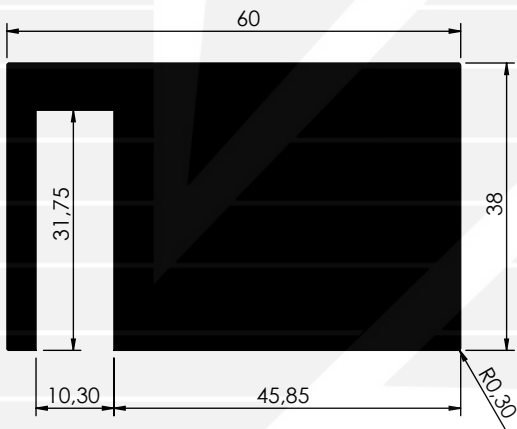
Area (mm²)
667,88
Peso (Kg/m)
1,810

VT-254



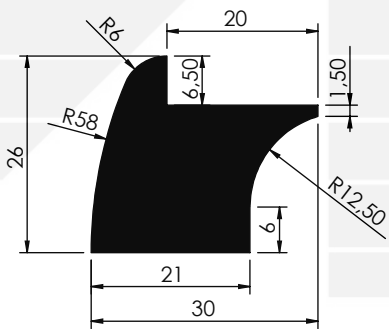
Area (mm²)
1.029,43
Peso (Kg/m)
2,790

VT-255



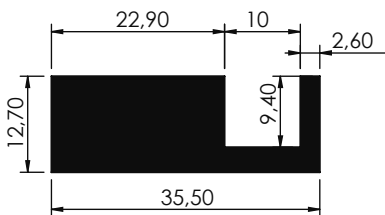
Area (mm²)
1.952,90
Peso (Kg/m)
5,292

VT-258



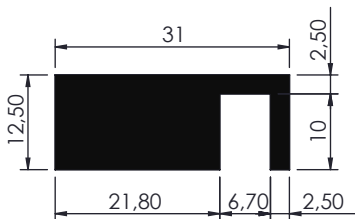
Area (mm²)
461,66
Peso (Kg/m)
1,251

VT-260



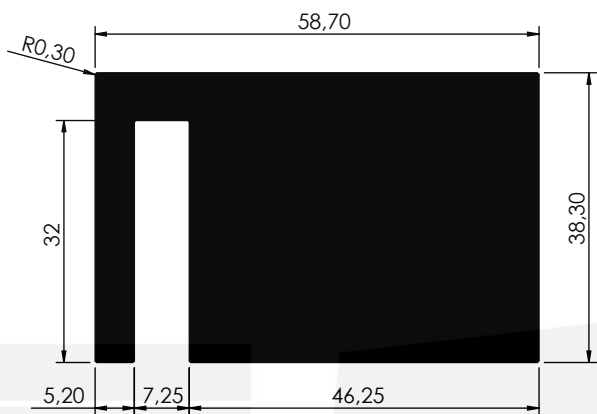
Area (mm²)
356,85
Peso (Kg/m)
0,967

VT-377



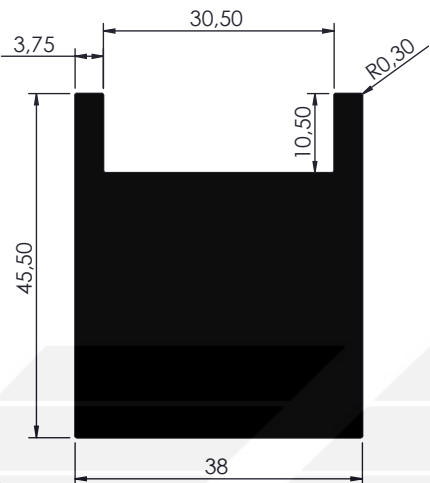
Area (mm²)
320,50
Peso (Kg/m)
0,869

VT-404



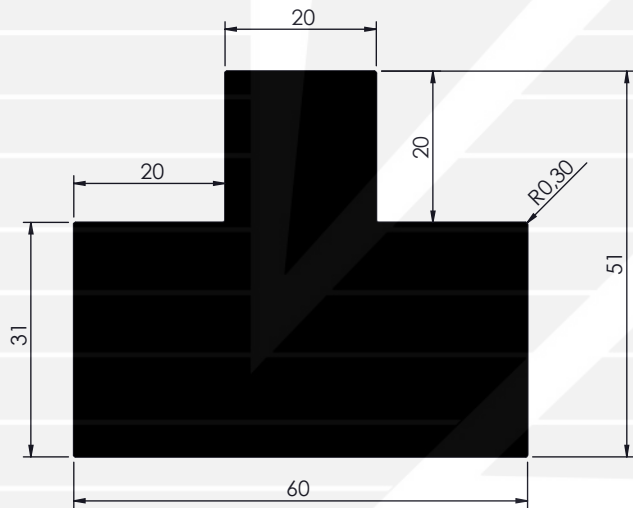
Area (mm²)
2.016,13
Peso (Kg/m)
5,464

VT-441



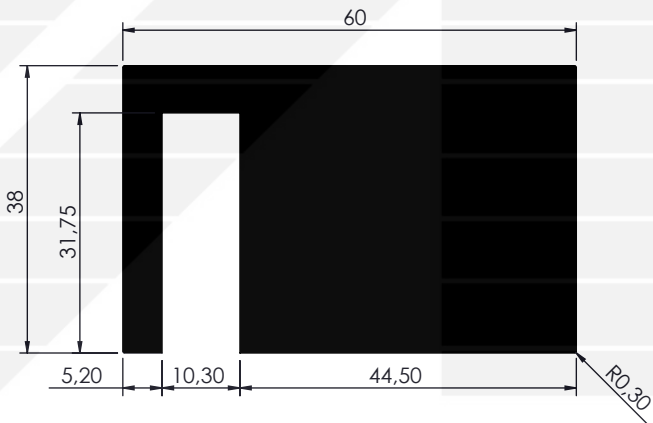
Area (mm²)
1.408,67
Peso (Kg/m)
3,817

VT-442



Area (mm²)
2.259,92
Peso (Kg/m)
6,122

VT-453



Area (mm²)
1.952,90
Peso (Kg/m)
5,292

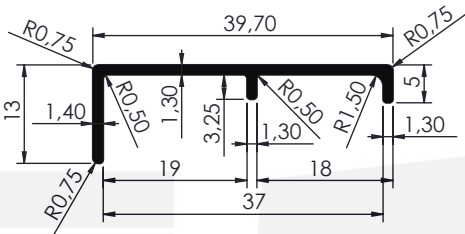
VT-

VT-

Area (mm²)
Peso (Kg/m)

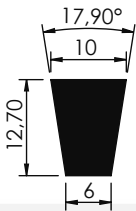
Area (mm²)
Peso (Kg/m)

VT-307



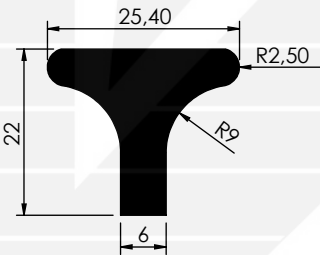
Area (mm²)
77,04
Peso (Kg/m)
0,209

VT-017



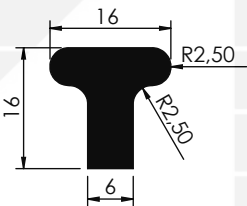
Area (mm²)
101,60
Peso (Kg/m)
0,275

VT-018



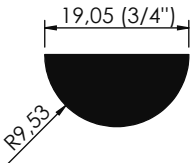
Area (mm²)
254,78
Peso (Kg/m)
0,690

VT-041



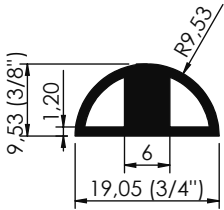
Area (mm²)
143,32
Peso (Kg/m)
0,388

VT-055



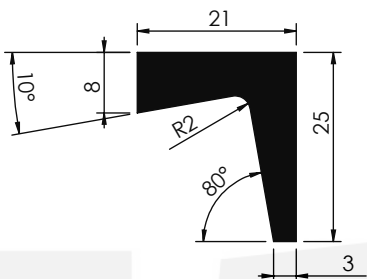
Area (mm²)
142,51
Peso (Kg/m)
0,386

VT-060



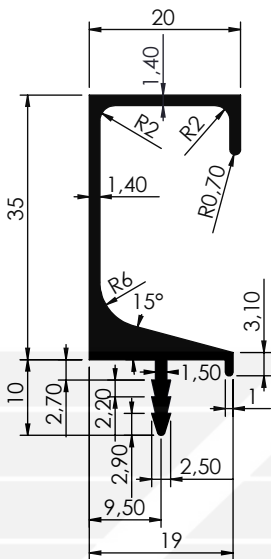
Area (mm²)
95,20
Peso (Kg/m)
0,257

VT-019



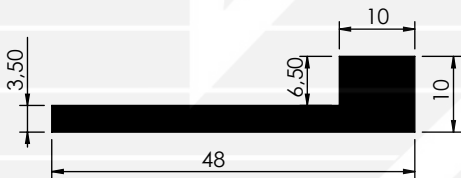
Area (mm²)
226,09
Peso (Kg/m)
0,613

VT-020



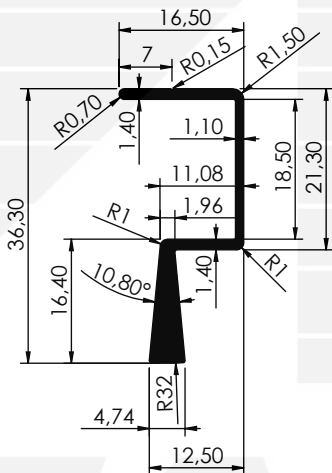
Area (mm²)
167,78
Peso (Kg/m)
0,455

VT-021



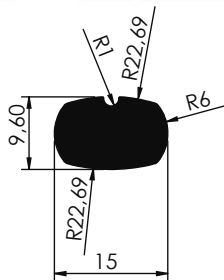
Area (mm²)
233
Peso (Kg/m)
0,631

VT-027



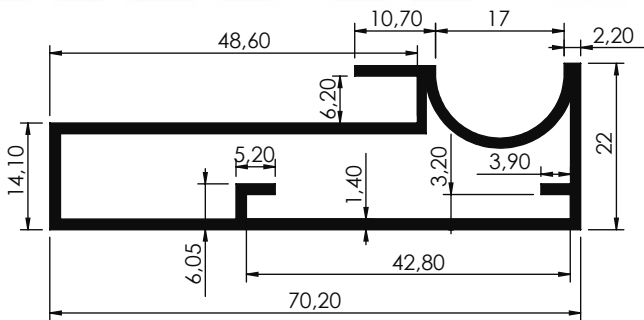
Area (mm²)
108,60
Peso (Kg/m)
0,294

VT-040



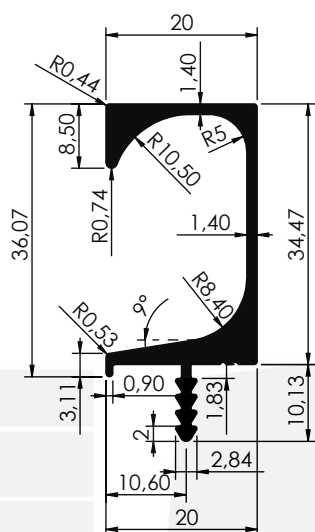
Area (mm²)
122,84
Peso (Kg/m)
0,333

VT-043



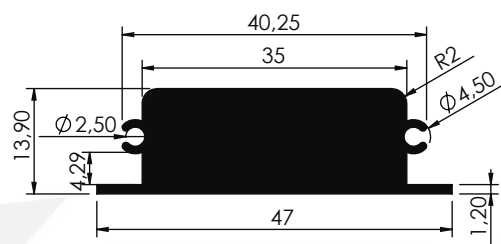
Area (mm²)
291,49
Peso (Kg/m)
0,790

VT-048



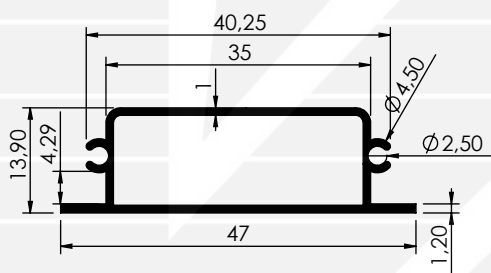
Area (mm²)
191,94
Peso (Kg/m)
0,520

VT-063



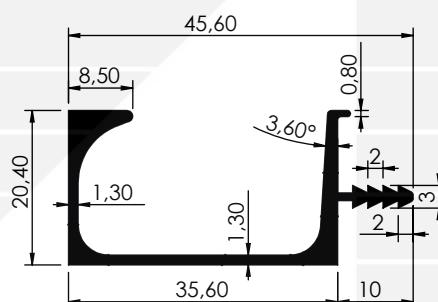
Area (mm²)
509,15
Peso (Kg/m)
1,379

VT-064



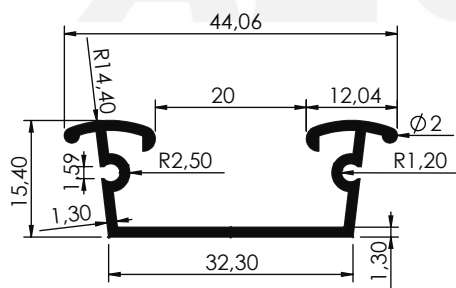
Area (mm²)
116,88
Peso (Kg/m)
0,316

VT-077



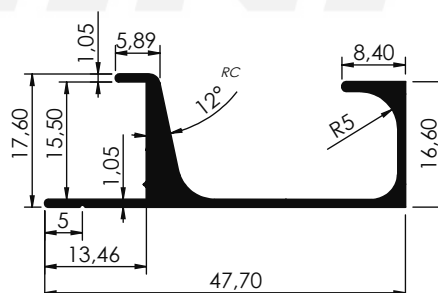
Area (mm²)
156,45
Peso (Kg/m)
0,423

VT-079



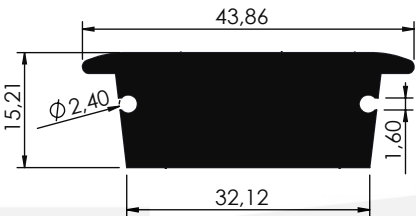
Area (mm²)
123,56
Peso (Kg/m)
0,334

VT-082



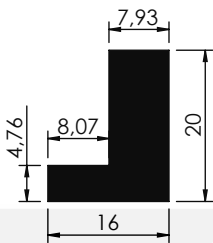
Area (mm²)
142,90
Peso (Kg/m)
0,387

VT-085



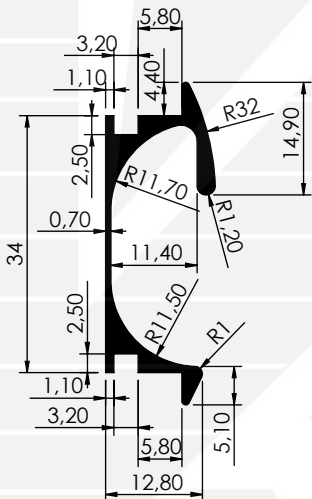
Area (mm²)
524,92
Peso (Kg/m)
1,422

VT-016



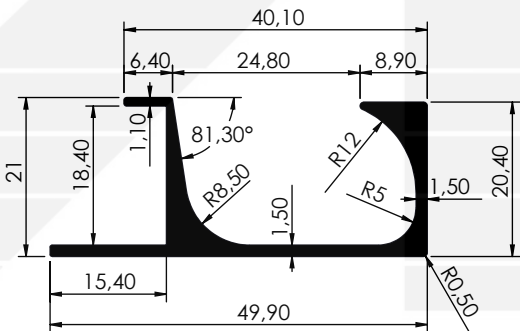
Area (mm²)
197,01
Peso (Kg/m)
0,534

VT-094



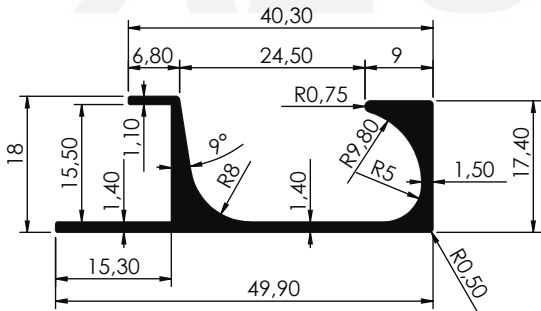
Area (mm²)
122,26
Peso (Kg/m)
0,331

VT-095



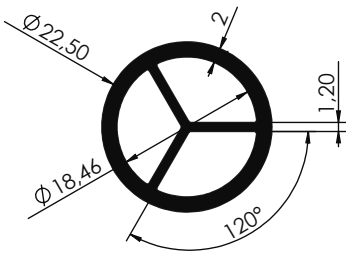
Area (mm²)
197,97
Peso (Kg/m)
0,536

VT-097



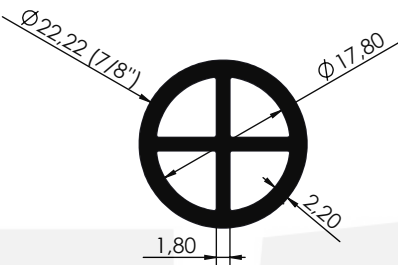
Area (mm²)
182,14
Peso (Kg/m)
0,494

VT-105



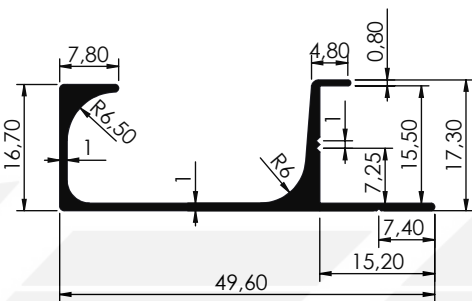
Area (mm²)
161,97
Peso (Kg/m)
0,439

VT-107



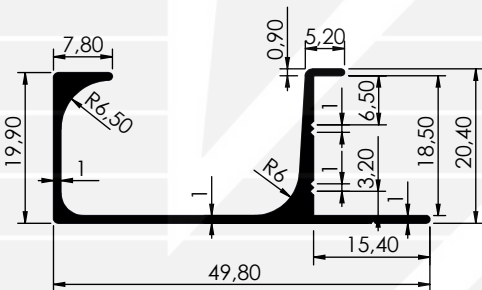
Area (mm²)
199,24
Peso (Kg/m)
0,540

VT-109



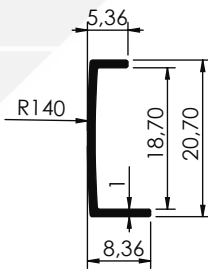
Area (mm²)
118,64
Peso (Kg/m)
0,322

VT-110



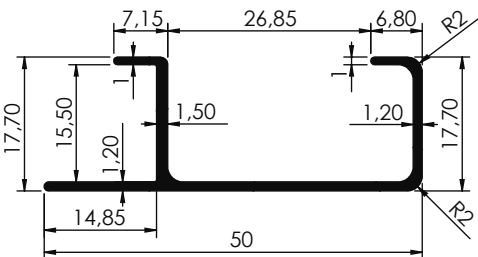
Area (mm²)
126,54
Peso (Kg/m)
0,343

VT-146



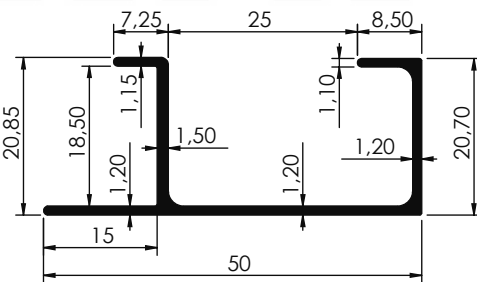
Area (mm²)
31,67
Peso (Kg/m)
0,086

VT-150



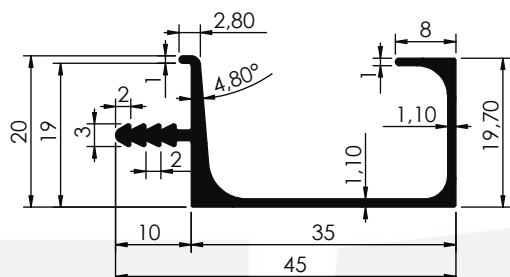
Area (mm²)
116,11
Peso (Kg/m)
0,315

VT-151



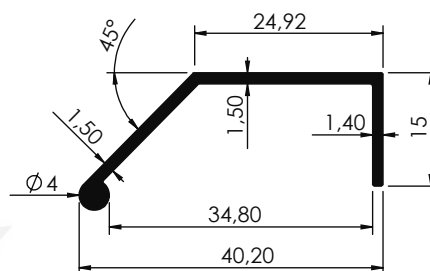
Area (mm²)
129,45
Peso (Kg/m)
0,351

VT-152



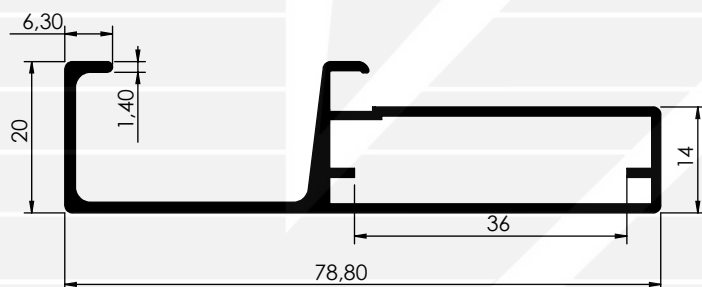
Area (mm²)
133,78
Peso (Kg/m)
0,363

VT-157



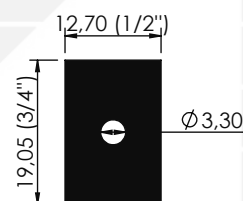
Area (mm²)
97,09
Peso (Kg/m)
0,263

VT-159



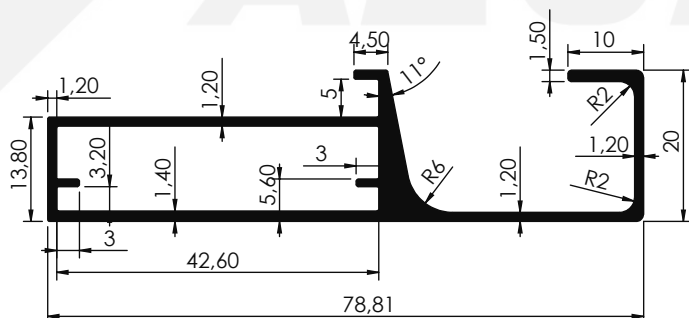
Area (mm²)
250,59
Peso (Kg/m)
0,679

VT-165



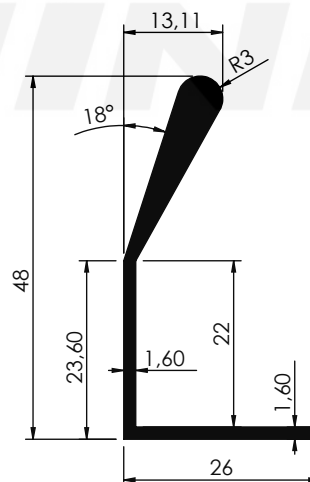
Area (mm²)
233,38
Peso (Kg/m)
0,632

VT-182



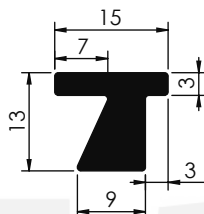
Area (mm²)
277,12
Peso (Kg/m)
0,751

VT-186



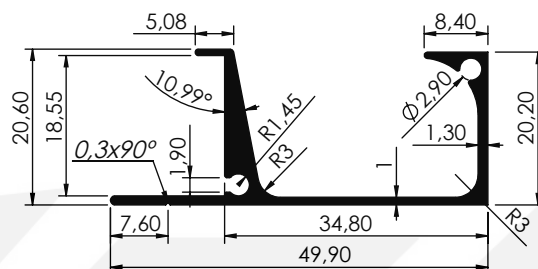
Area (mm²)
178,40
Peso (Kg/m)
0,483

VT-192



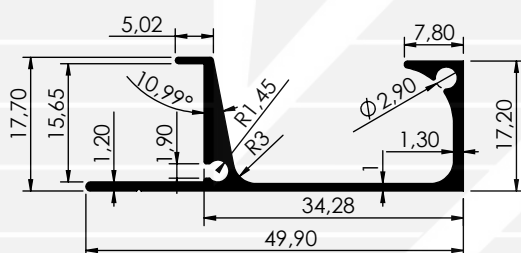
Area (mm²)
114,75
Peso (Kg/m)
0,311

VT-195



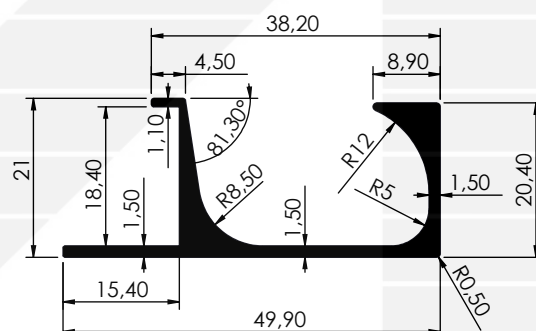
Area (mm²)
146,29
Peso (Kg/m)
0,428

VT-196



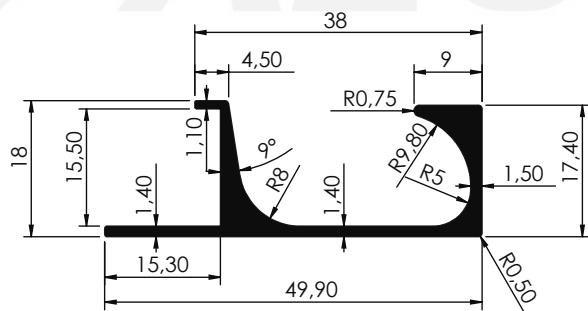
Area (mm²)
129,17
Peso (Kg/m)
0,350

VT-208



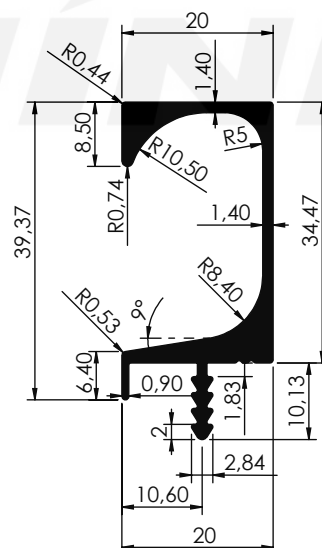
Area (mm²)
195,88
Peso (Kg/m)
0,531

VT-209



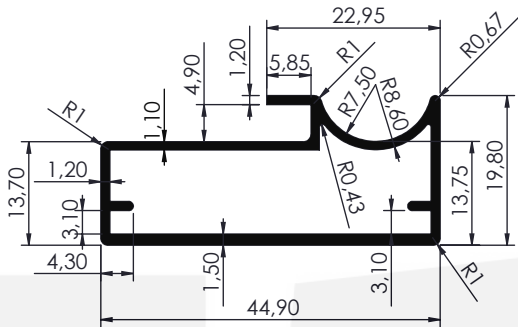
Area (mm²)
179,58
Peso (Kg/m)
0,487

VT-243



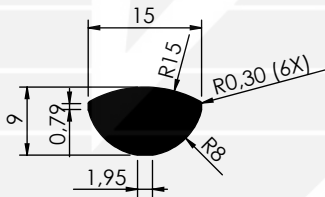
Area (mm²)
194,90
Peso (Kg/m)
0,528

VT-225



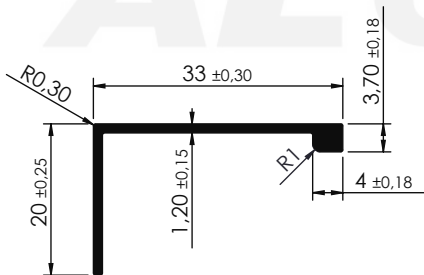
Area (mm²)
176,01
Peso (Kg/m)
0,477

VT-261



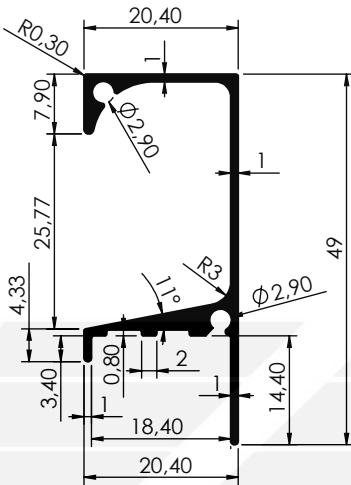
Area (mm²)
102,27
Peso (Kg/m)
0,277

VT-263



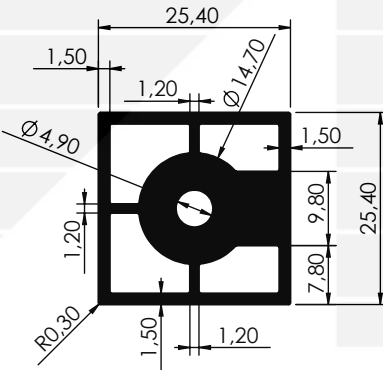
Area (mm²)
71,89
Peso (Kg/m)
0,195

VT-371



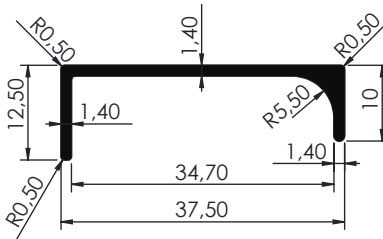
Area (mm²)
126,37
Peso (Kg/m)
0,342

VT-262



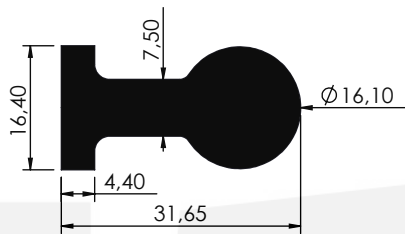
Area (mm²)
351,84
Peso (Kg/m)
0,953

VT-306



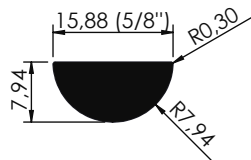
Area (mm²)
86,20
Peso (Kg/m)
0,234

VT-078



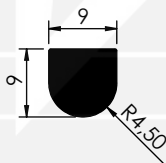
Area (mm²)
363,57
Peso (Kg/m)
0,985

VT-090



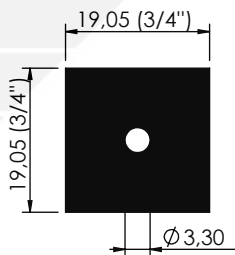
Area (mm²)
98,99
Peso (Kg/m)
0,268

VT-145



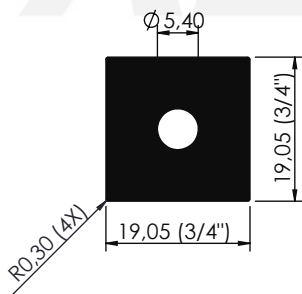
Area (mm²)
72,27
Peso (Kg/m)
0,196

VT-156



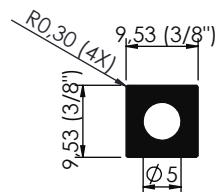
Area (mm²)
354,35
Peso (Kg/m)
0,960

VT-233



Area (mm²)
339,92
Peso (Kg/m)
0,921

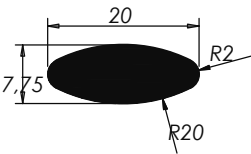
VT-242



Area (mm²)
71,01
Peso (Kg/m)
0,192

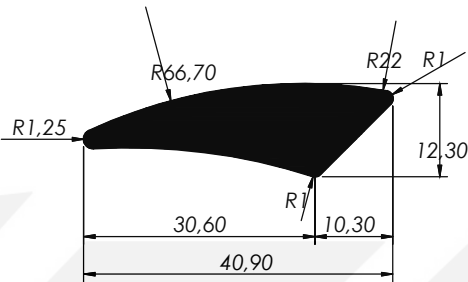
MOVEIS - PUXADORES

VT-369



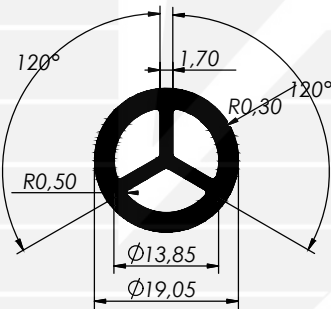
Area (mm²)
119,33
Peso (Kg/m)
0,323

VT-443



Area (mm²)
301,09
Peso (Kg/m)
0,816

VT-457

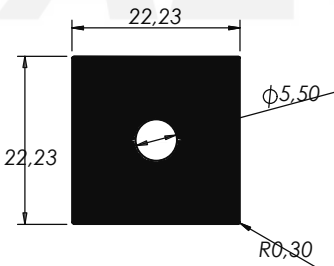


Area (mm²)
168,71
Peso (Kg/m)
0,457

VT-

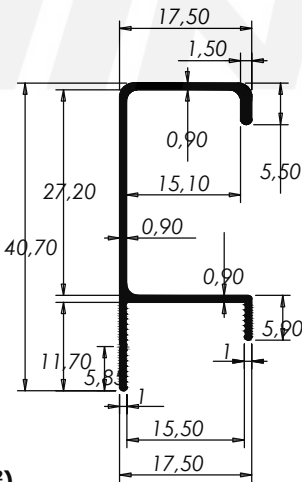
Area (mm²)
Peso (Kg/m)

VT-514



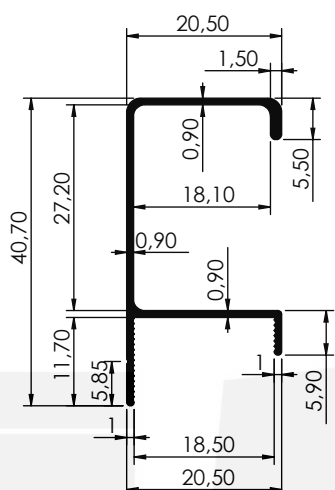
Area (mm²)
470,12
Peso (Kg/m)
1,274

VT-522



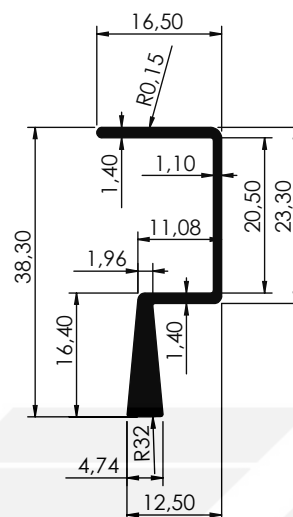
Area (mm²)
77,34
Peso (Kg/m)
0,210

VT-523



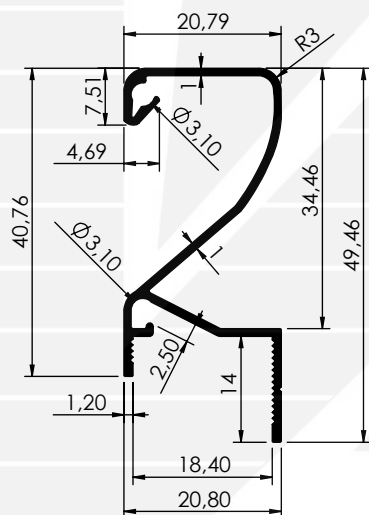
Area (mm²)
82,74
Peso (Kg/m)
0,224

VT-524



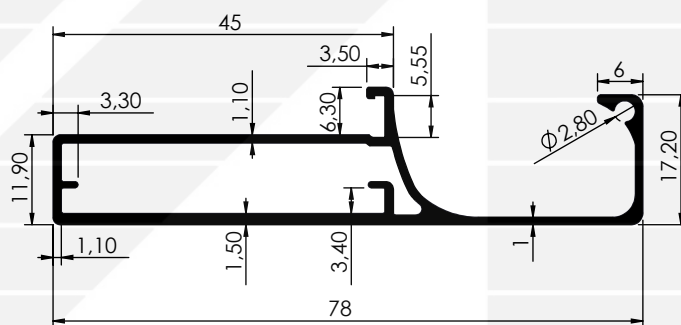
Area (mm²)
110,80
Peso (Kg/m)
0,300

VT-553



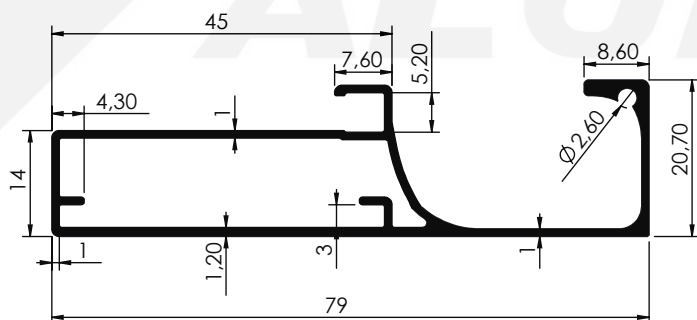
Area (mm²)
116,24
Peso (Kg/m)
0,315

VT-574



Area (mm²)
221,62
Peso (Kg/m)
0,601

VT-582



Area (mm²)
224,71
Peso (Kg/m)
0,609

VT-

Area (mm²)
Peso (Kg/m)

VT-

VT-

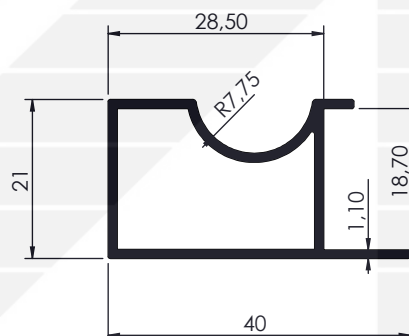
Area (mm²)

Peso (Kg/m)

Area (mm²)**Peso (Kg/m)**

VT-

VT-636

Area (mm²)**Peso (Kg/m)**Area (mm²)

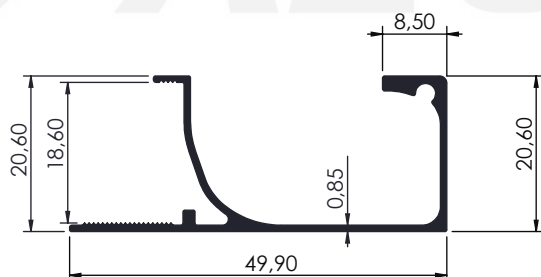
138,33

Peso (Kg/m)

0,375

VT-695

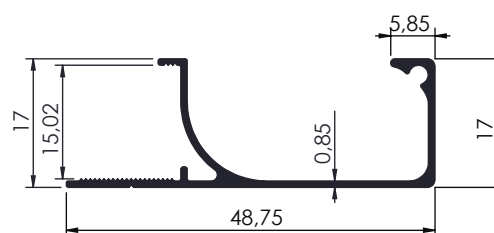
VT-696

Area (mm²)

106,87

Peso (Kg/m)

0,289

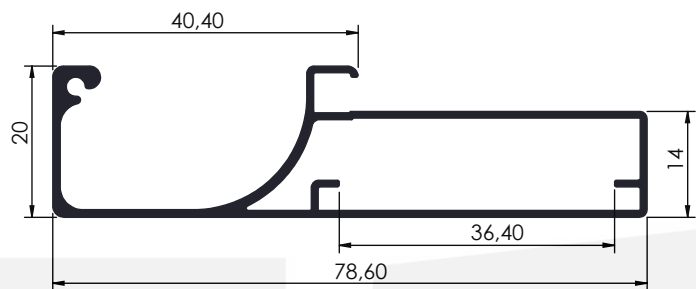
Area (mm²)

84,03

Peso (Kg/m)

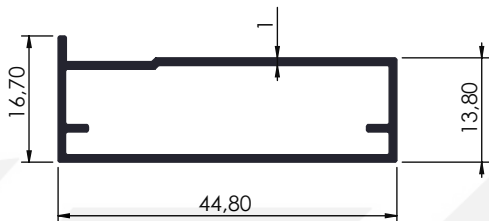
0,227

VT-714



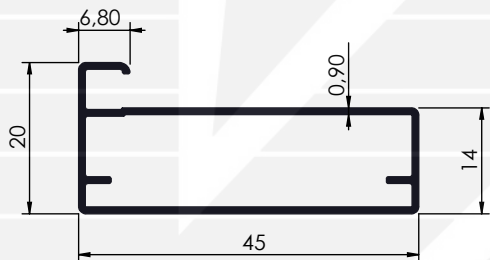
Area (mm²)
202,84
Peso (Kg/m)
0,550

VT-715



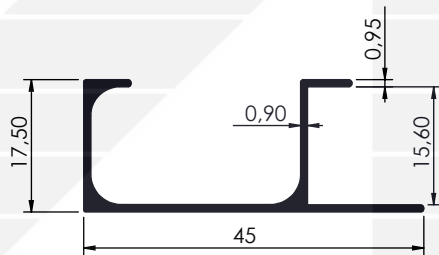
Area (mm²)
122,65
Peso (Kg/m)
0,332

VT-716



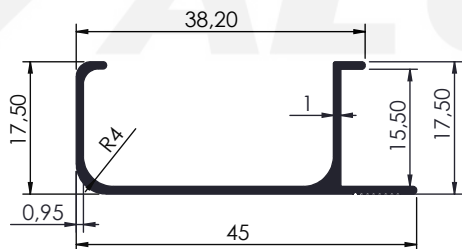
Area (mm²)
119,21
Peso (Kg/m)
0,323

VT-720



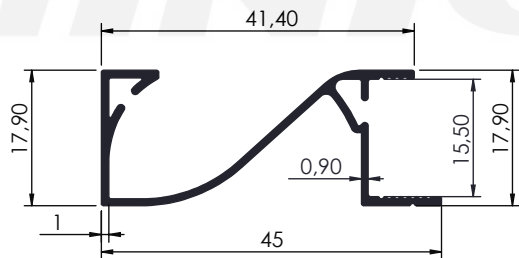
Area (mm²)
95,09
Peso (Kg/m)
0,258

VT-721



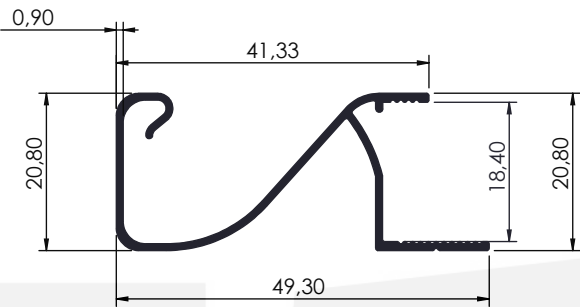
Area (mm²)
85,71
Peso (Kg/m)
0,232

VT-724



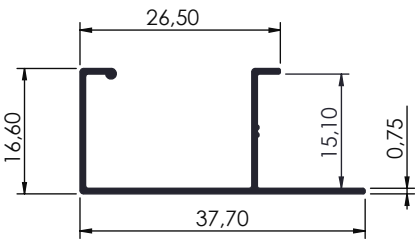
Area (mm²)
104,85
Peso (Kg/m)
0,285

VT-725



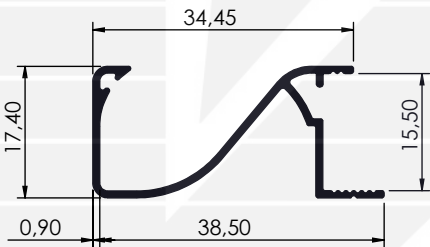
Area (mm²)
107,49
Peso (Kg/m)
0,291

VT-726



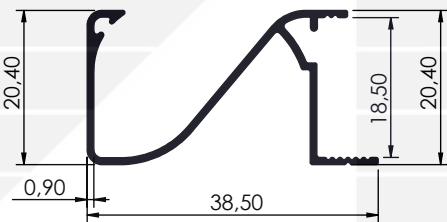
Area (mm²)
58,04
Peso (Kg/m)
0,157

VT-729



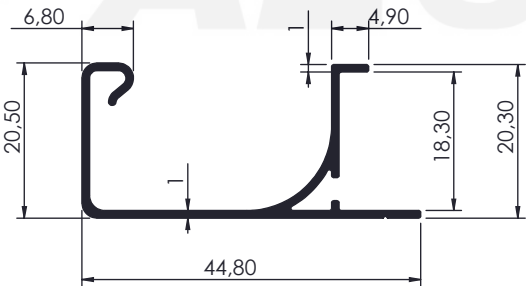
Area (mm²)
80,91
Peso (Kg/m)
0,219

VT-730



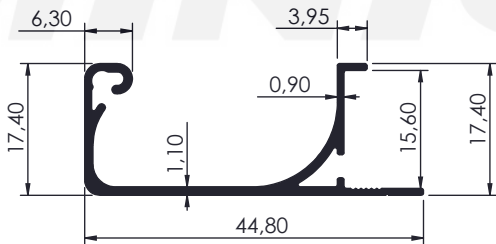
Area (mm²)
87,70
Peso (Kg/m)
0,238

VT-786



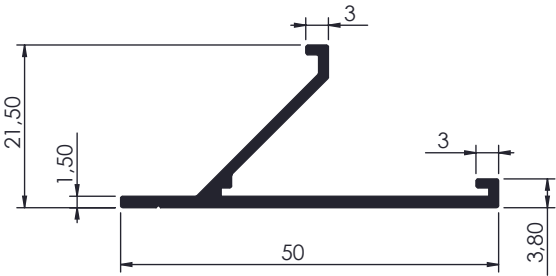
Area (mm²)
106,5
Peso (Kg/m)
0,289

VT-787



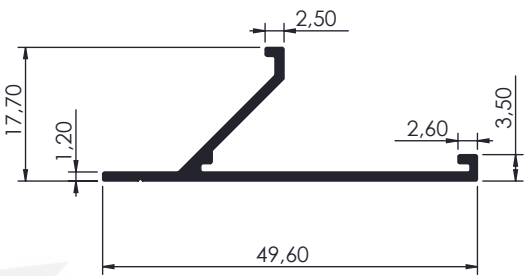
Area (mm²)
104,1
Peso (Kg/m)
0,282

VT-790



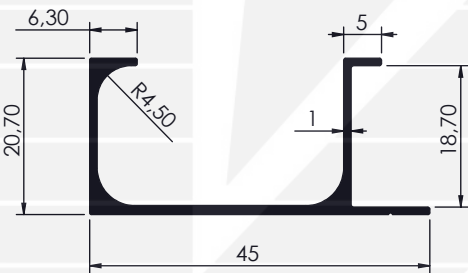
Area (mm²)
119,1
Peso (Kg/m)
0,323

VT-791



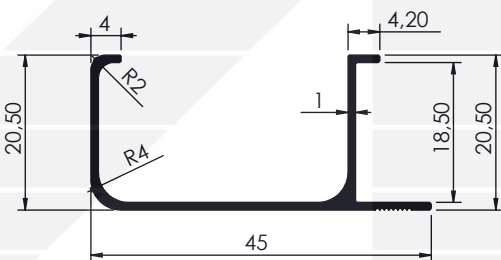
Area (mm²)
93,43
Peso (Kg/m)
0,253

VT-792



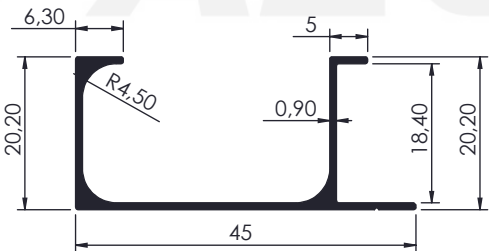
Area (mm²)
115,1
Peso (Kg/m)
0,312

VT-793



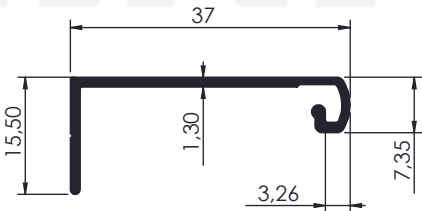
Area (mm²)
92,8
Peso (Kg/m)
0,252

VT-794



Area (mm²)
97,5
Peso (Kg/m)
0,264

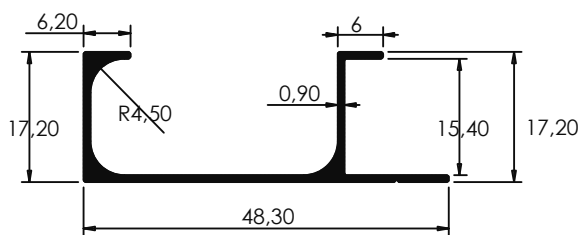
VT-796



Area (mm²)
77,6
Peso (Kg/m)
0,210

MOVEIS - PUXADORES

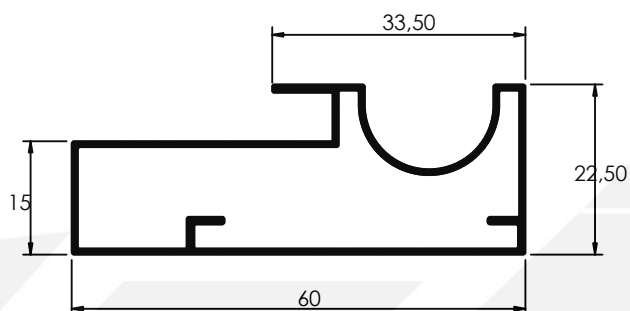
VT-797



Area (mm²)

95
Peso (Kg/m)
0,257

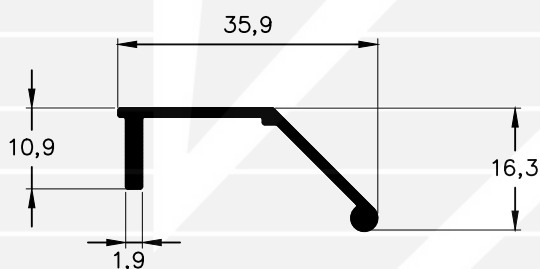
VT-818



Area (mm²)

163,1
Peso (Kg/m)
0,442

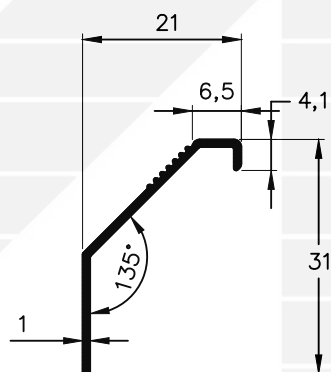
VT-842



Area (mm²)

75,73
Peso (Kg/m)
0,205

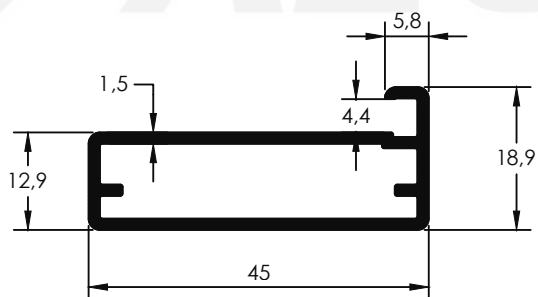
VT-850



Area (mm²)

45,41
Peso (Kg/m)
0,123

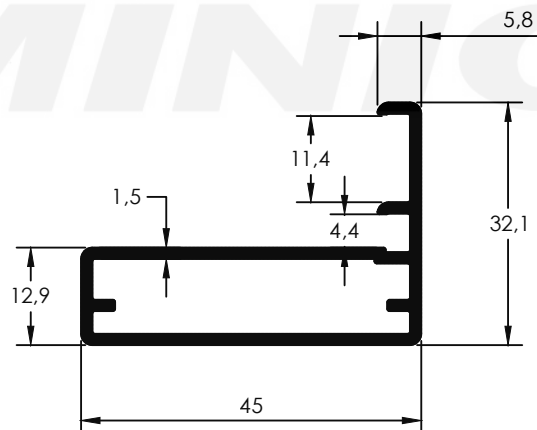
VT-852



Area (mm²)

187,85
Peso (Kg/m)
0,509

VT-853

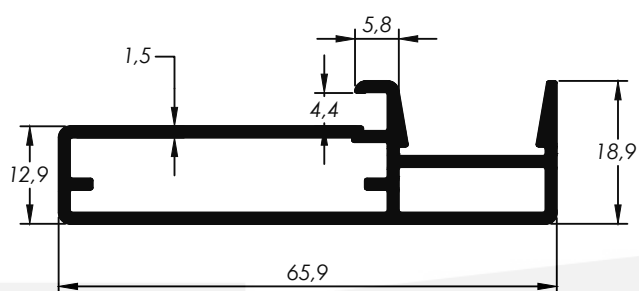


Area (mm²)

213,79
Peso (Kg/m)
0,579

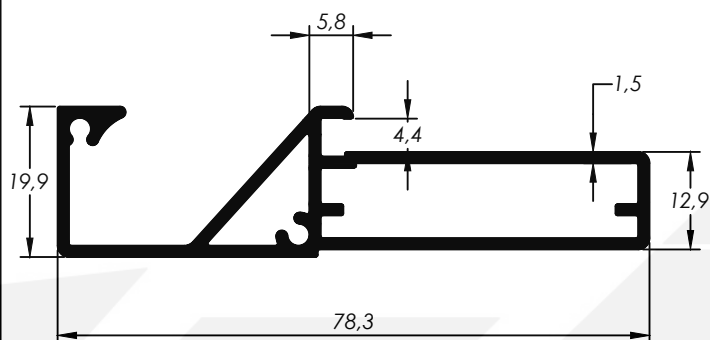
MOVEIS - PUXADORES

VT-854



Area (mm²)
283,57
Peso (Kg/m)
0,768

VT-855



Area (mm²)
326,68
Peso (Kg/m)
0,885

VT-

Area (mm²)
Peso (Kg/m)

VT-

Area (mm²)
Peso (Kg/m)

VT-

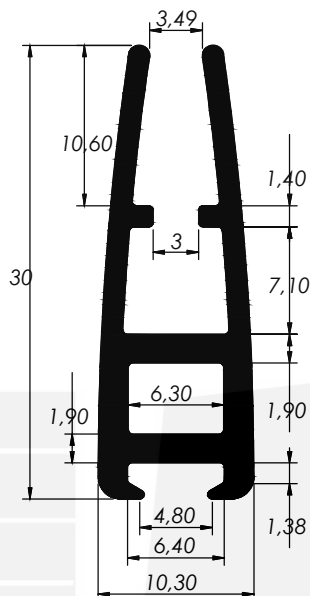
Area (mm²)
Peso (Kg/m)

VT-

Area (mm²)
Peso (Kg/m)

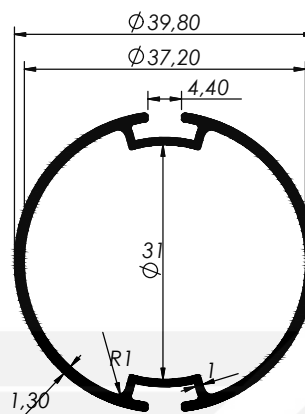
PERSIANAS

VT-613



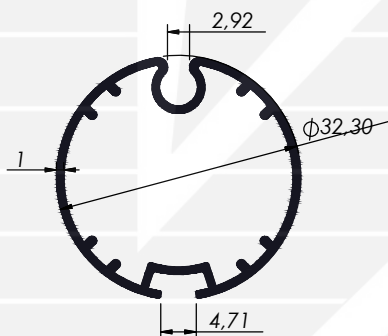
Escala 2:1
Area (mm²)
124,24
Peso (Kg/m)
0,337

VT-633



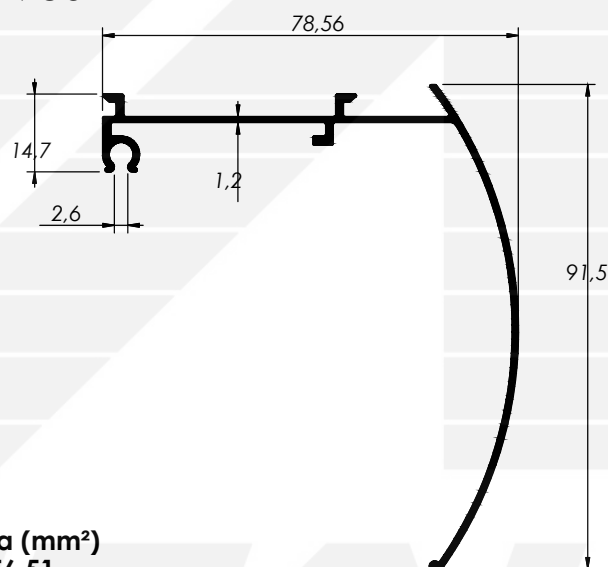
Area (mm²)
173,17
Peso (Kg/m)
0,469

VT-701



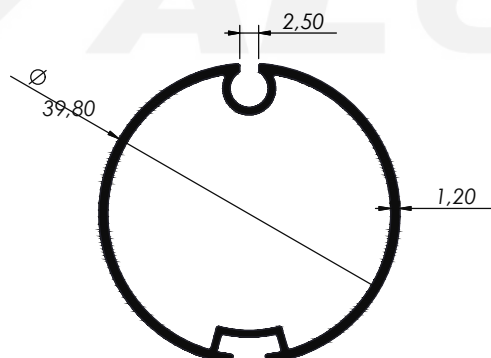
Area (mm²)
139,99
Peso (Kg/m)
0,360

VT-706



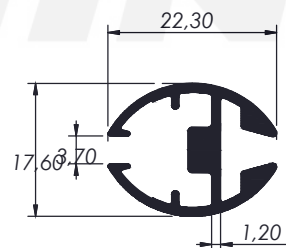
Area (mm²)
256,51
Peso (Kg/m)
0,687

VT-707



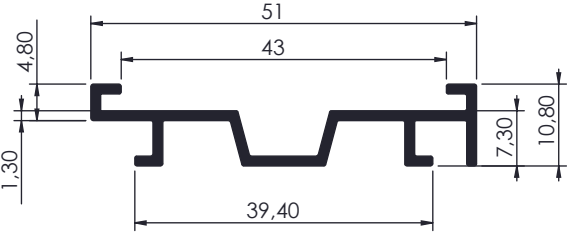
Area (mm²)
163,38
Peso (Kg/m)
0,443

VT-800



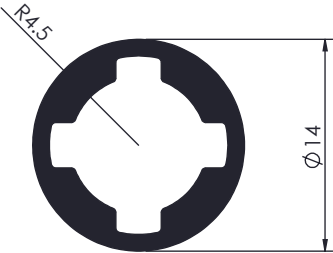
Area (mm²)
114,3
Peso (Kg/m)
0,310

VT-801



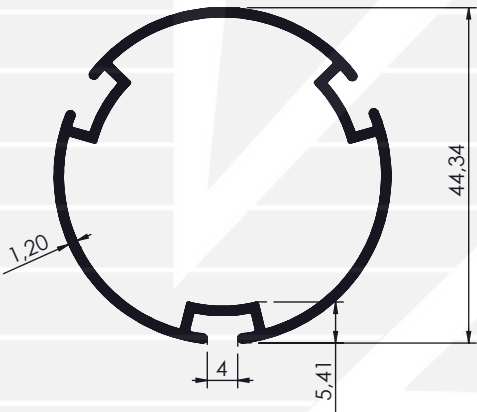
Area (mm²)
123,9
Peso (Kg/m)
0,336

VT-802



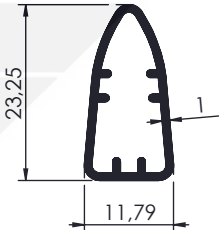
ESCALA 2:1
Area (mm²)
73,3
Peso (Kg/m)
0,199

VT-803



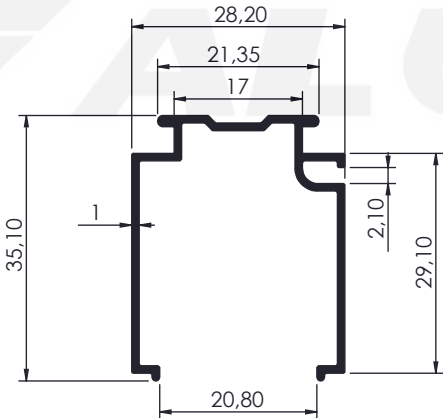
Area (mm²)
200,1
Peso (Kg/m)
0,542

VT-804



Area (mm²)
66,3
Peso (Kg/m)
0,180

VT-806



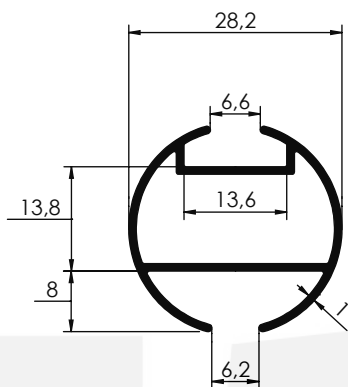
Area (mm²)
113,9
Peso (Kg/m)
0,309

VT-820



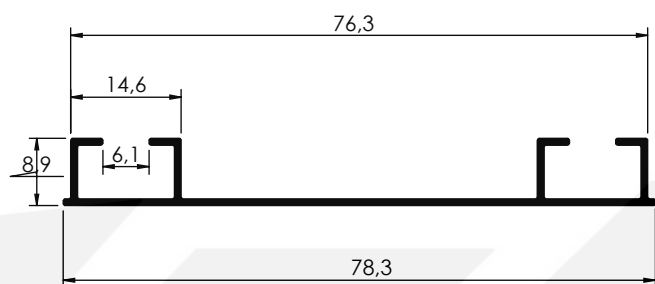
Area (mm²)
228,3
Peso (Kg/m)
0,618

VT-821



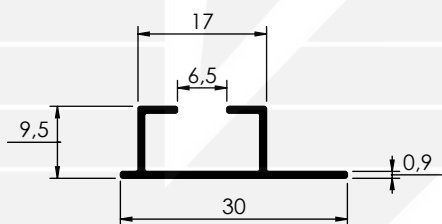
ESCALA 2:1
 Area (mm²)
 117,4
 Peso (Kg/m)
 0,318

VT-822



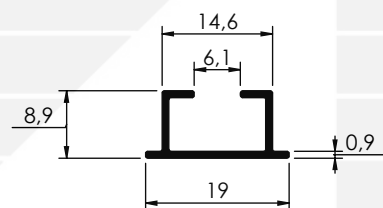
Area (mm²)
 111,3
 Peso (Kg/m)
 0,301

VT-823



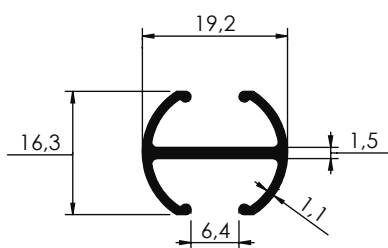
ESCALA 2:1
 Area (mm²)
 50,2
 Peso (Kg/m)
 0,136

VT-824



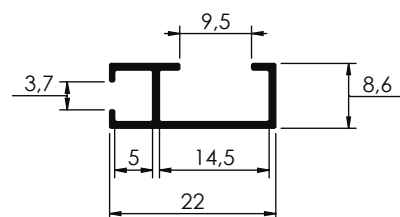
ESCALA 2:1
 Area (mm²)
 37,5
 Peso (Kg/m)
 0,101

VT-825



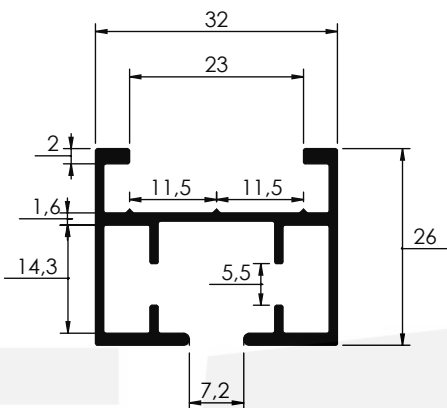
ESCALA 2:1
 Area (mm²)
 73,9
 Peso (Kg/m)
 0,200

VT-826



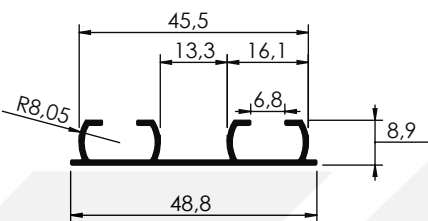
ESCALA 2:1
 Area (mm²)
 45,4
 Peso (Kg/m)
 0,123

VT-827



ESCALA 2:1
 Area (mm²)
 166,5
 Peso (Kg/m)
 0,451

VT-828



ESCALA 2:1
 Area (mm²)
 91,9
 Peso (Kg/m)
 0,249

VT-

VT-

Area (mm²)
 Peso (Kg/m)

Area (mm²)
 Peso (Kg/m)

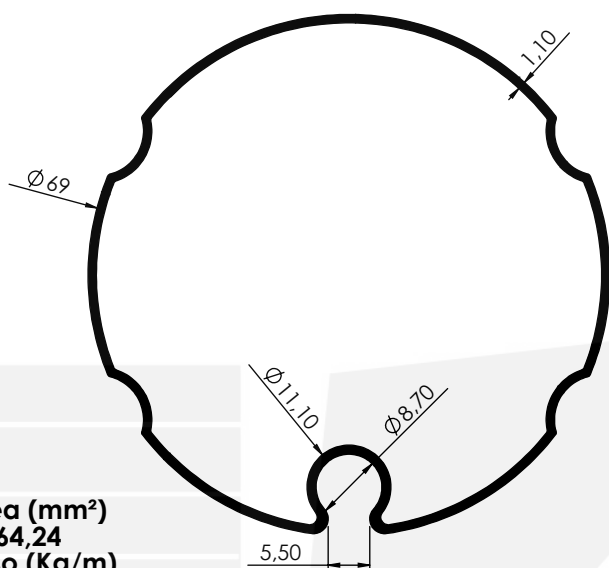
VT-

VT-

Area (mm²)
 Peso (Kg/m)

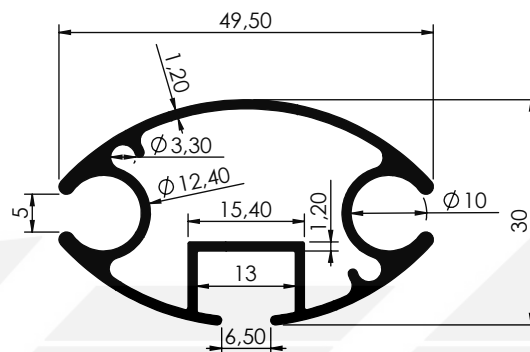
Area (mm²)
 Peso (Kg/m)

VT-142



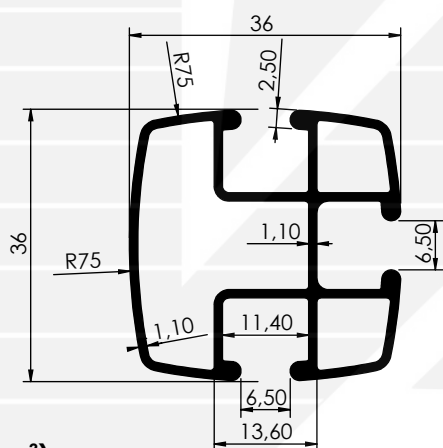
Area (mm²)
264,24
Peso (Kg/m)
0,716

VT-143



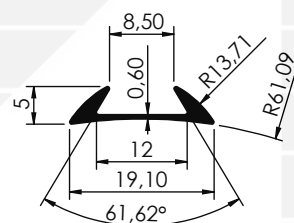
Area (mm²)
251,82
Peso (Kg/m)
0,682

VT-144



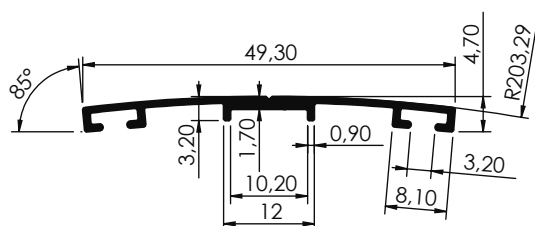
Area (mm²)
241,44
Peso (Kg/m)
0,654

VT-153



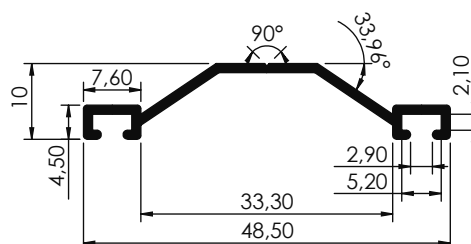
Area (mm²)
30,01
Peso (Kg/m)
0,081

VT-160



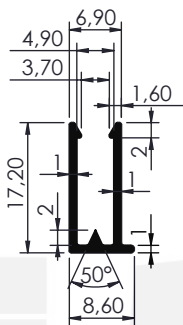
Area (mm²)
66,70
Peso (Kg/m)
0,181

VT-194



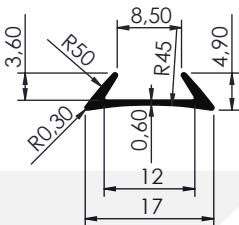
Area (mm²)
83,42
Peso (Kg/m)
0,226

VT-292



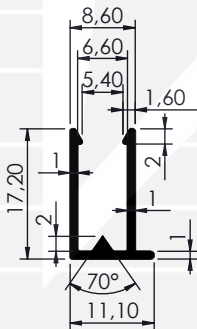
Area (mm²)
43,62
Peso (Kg/m)
0,118

VT-293



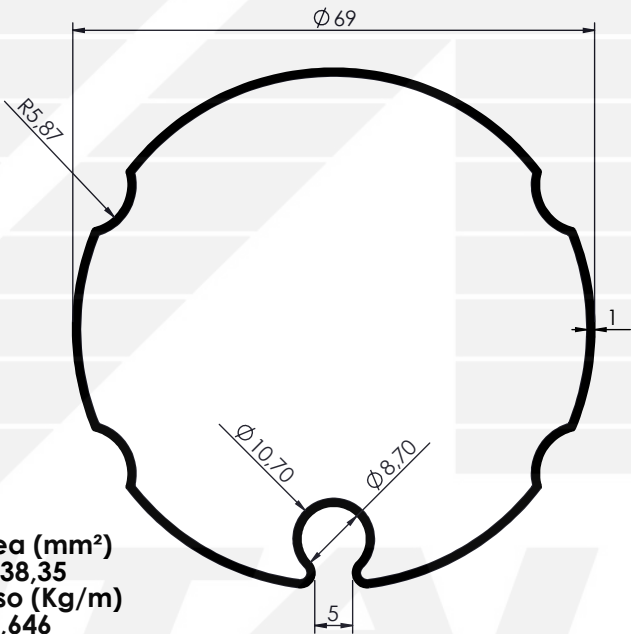
Area (mm²)
19,93
Peso (Kg/m)
0,060

VT-294



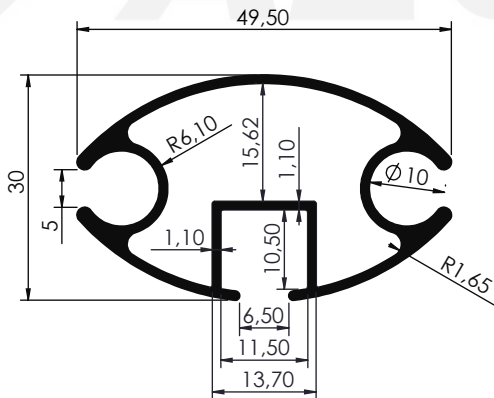
Area (mm²)
47,05
Peso (Kg/m)
0,128

VT-295



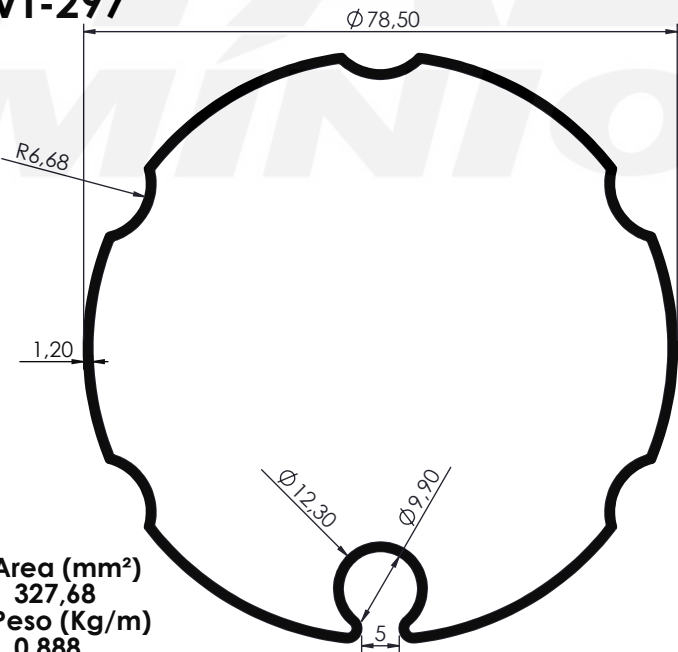
Area (mm²)
238,35
Peso (Kg/m)
0,646

VT-296

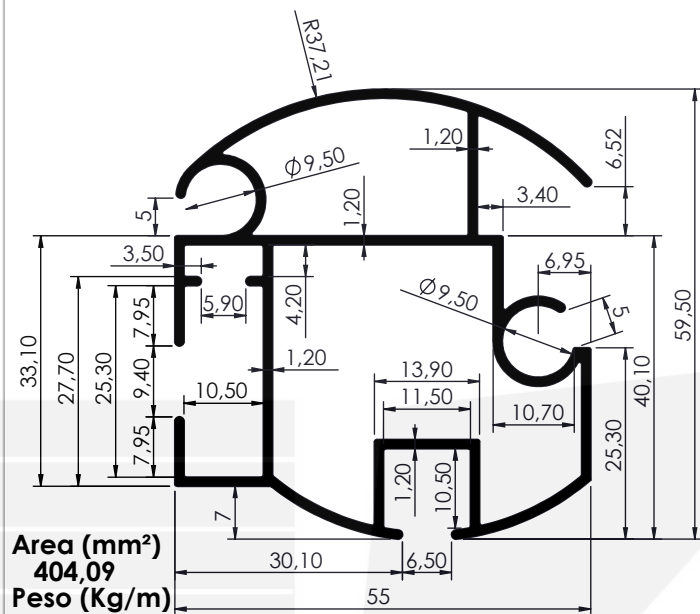


Area (mm²)
232,26
Peso (Kg/m)
0,629

VT-297

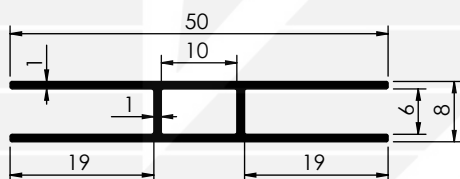


Area (mm²)
327,68
Peso (Kg/m)
0,888

VT-302

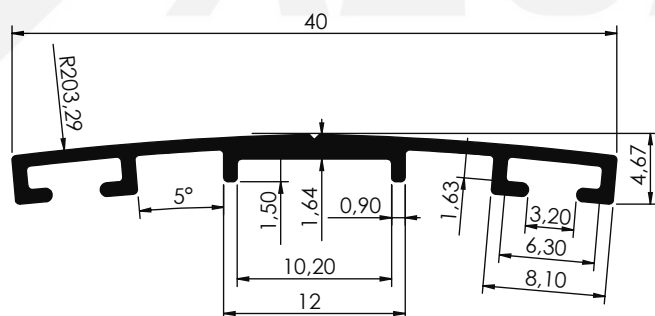
Area (mm ²)	404,09
Peso (Kg/m)	1,095

VT-525



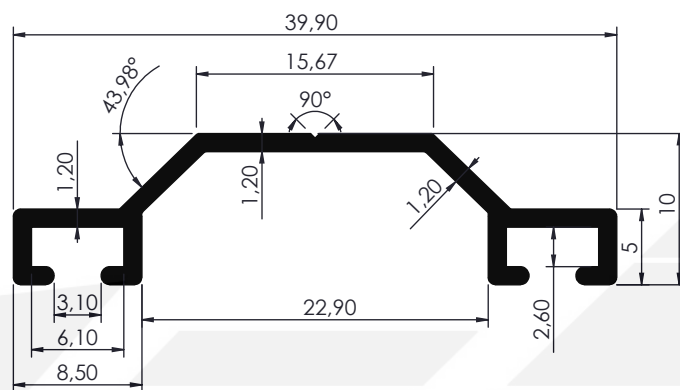
Area (mm²)
112,00
Peso (Kg/m)
0,304

VT-534



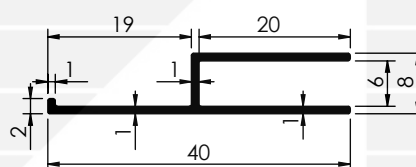
Escala 2:1
Area (mm²)
57,89
Peso (Kg/m)
0,157

VT-467



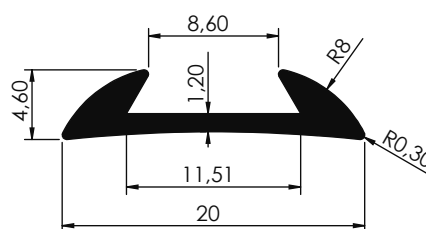
Escala 2:1
Area (mm²)
78,10
Peso (Kg/m)
0,212

VT-526



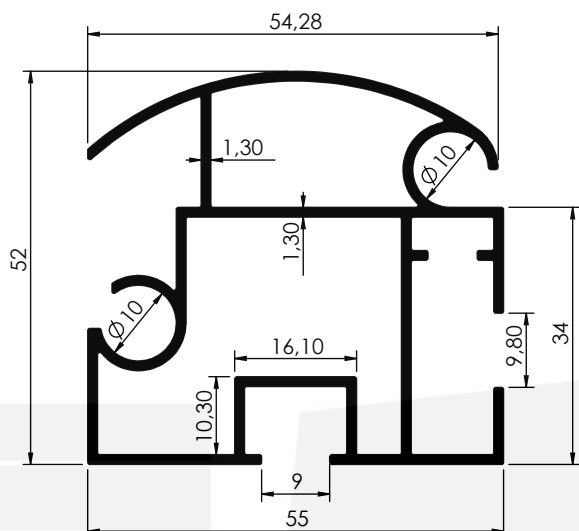
Area (mm²)
67,92
Peso (Kg/m)
0,184

VT-590



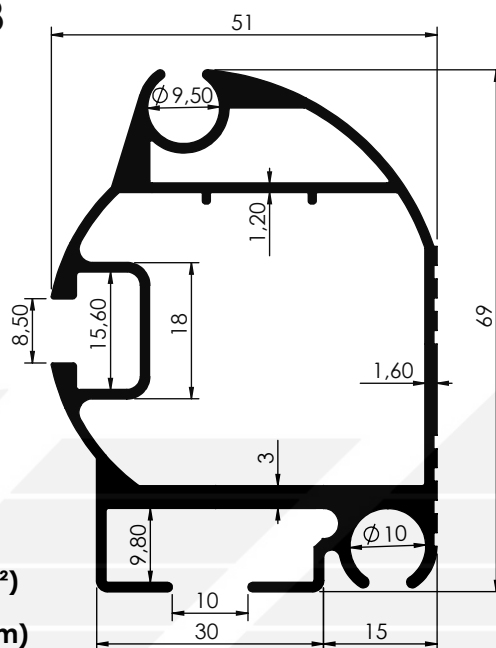
Escala 2:1
Area (mm²)
41,21
Peso (Kg/m)
0,111

VT-592



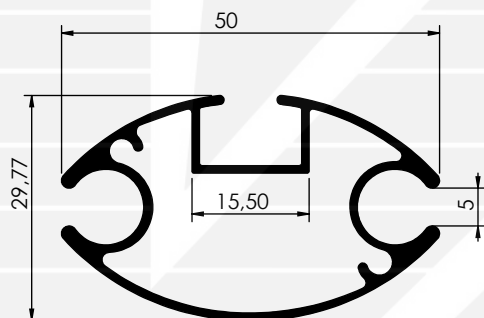
Area (mm²)
429,00
Peso (Kg/m)
1,163

VT-598



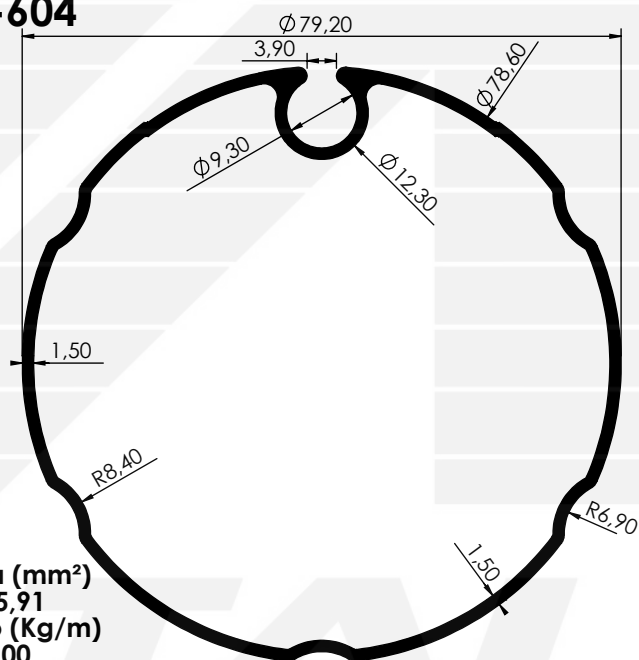
Area (mm²)
556,55
Peso (Kg/m)
1,508

VT-699



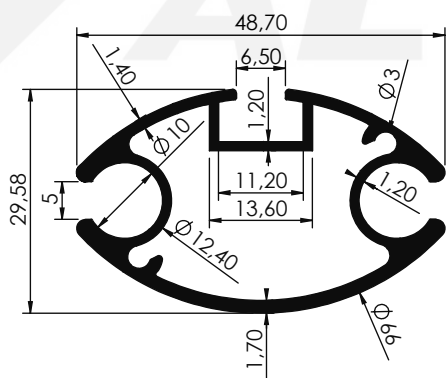
Area (mm²)
216,84
Peso (Kg/m)
0,587

VT-604



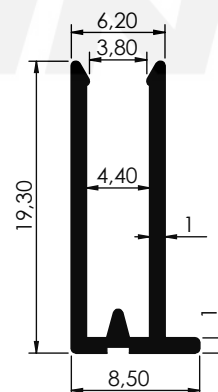
Area (mm²)
405,91
Peso (Kg/m)
1,100

VT-605



Area (mm²)
273,75
Peso (Kg/m)
0,741

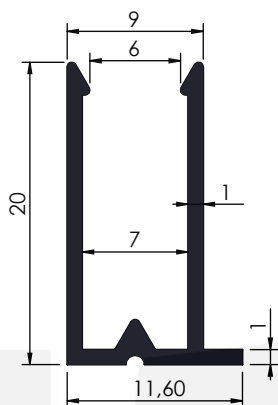
VT-606



Escala 2:1

Area (mm²)
45,91
Peso (Kg/m)
0,125

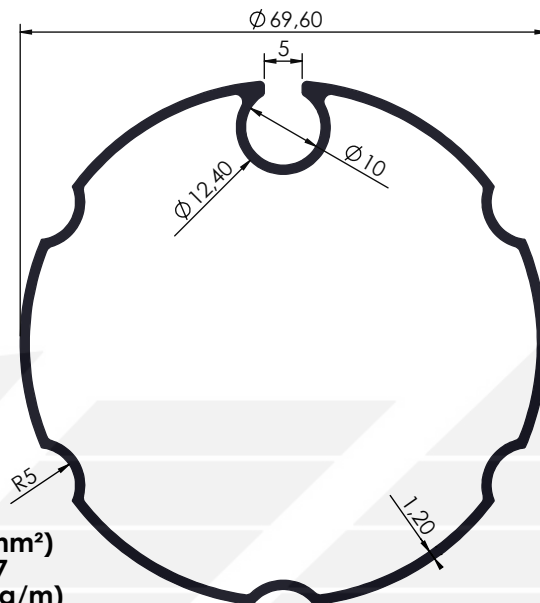
VT-607



Escala 2:1

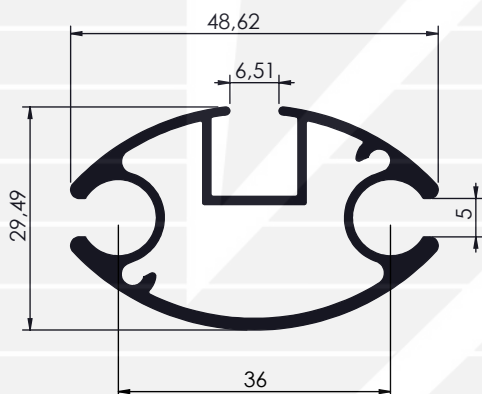
Area (mm²)
52,27
Peso (Kg/m)
0,141

VT-611



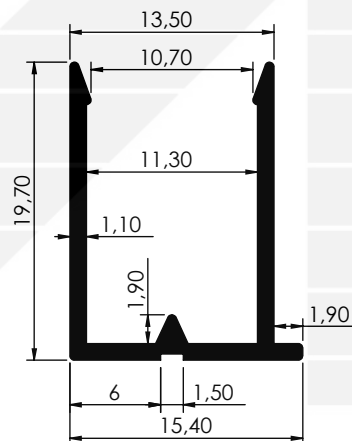
Area (mm²)
296,37
Peso (Kg/m)
0,803

VT-657



Area (mm²)
264,52
Peso (Kg/m)
0,716

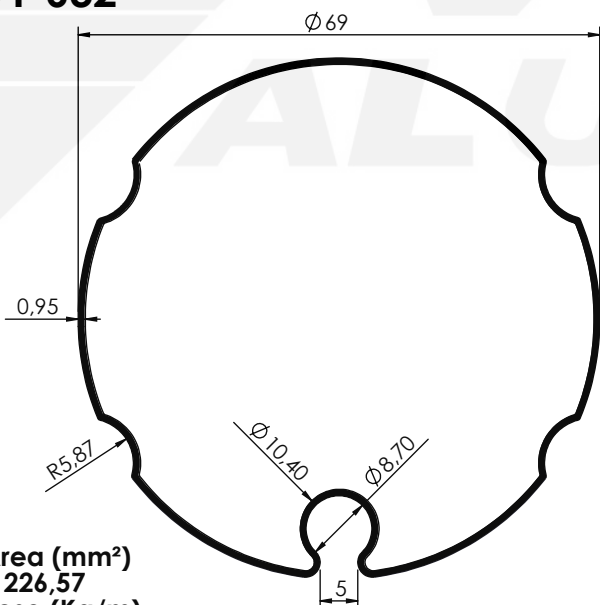
VT-630



Escala 2:1

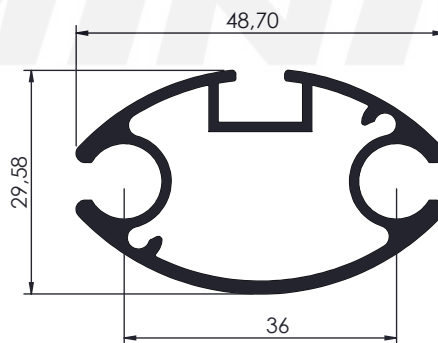
Area (mm²)
59,01
Peso (Kg/m)
0,160

VT-632



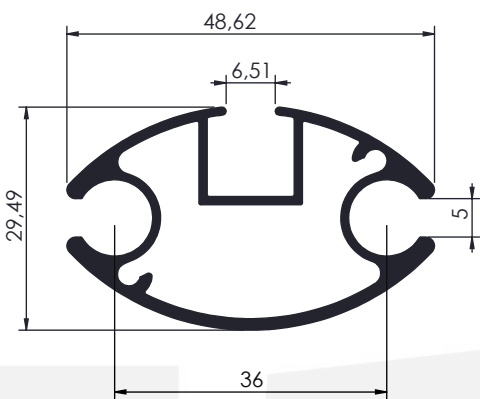
Area (mm²)
226,57
Peso (Kg/m)
0,614

VT-646



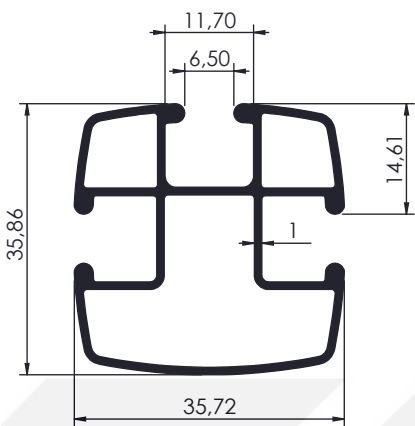
Area (mm²)
273,75
Peso (Kg/m)
0,741

VT-657



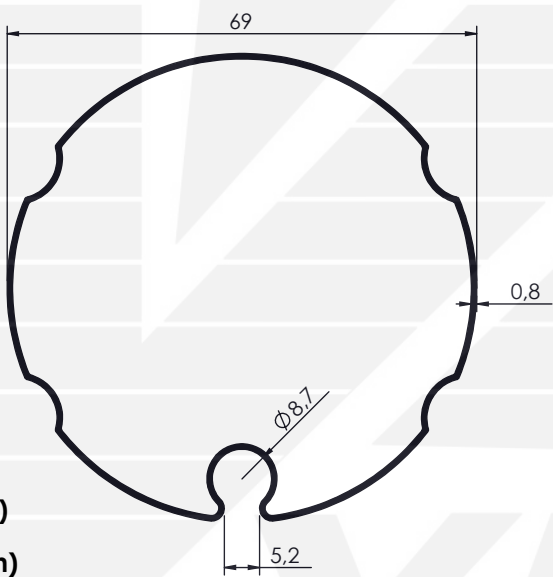
Area (mm²)
264,52
Peso (Kg/m)
0,716

VT-783



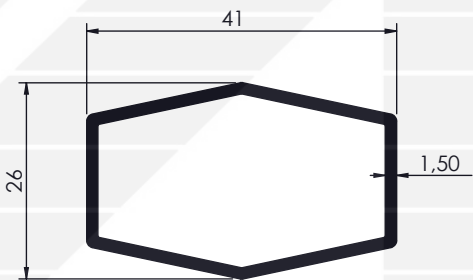
Area (mm²)
223,7
Peso (Kg/m)
0,606

VT-785



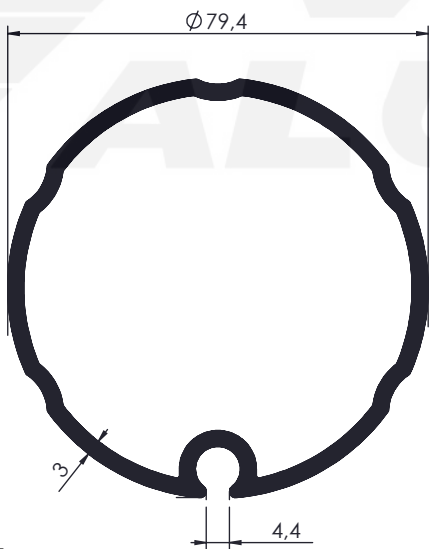
Area (mm²)
190,8
Peso (Kg/m)
0,517

VT-795



Area (mm²)
169
Peso (Kg/m)
0,458

VT-805

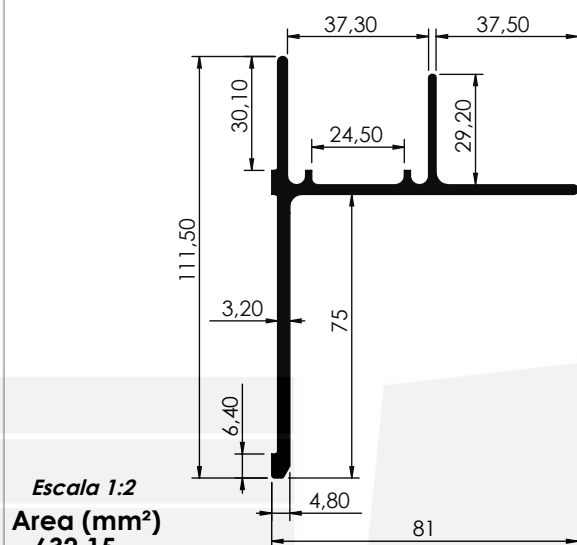


Escala 1:0,7
Area (mm²)
513,9
Peso (Kg/m)
2,103

VT-

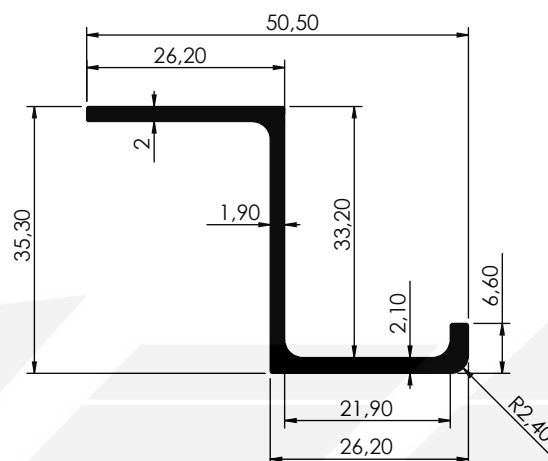
Area (mm²)
Peso (Kg/m)

VT-502



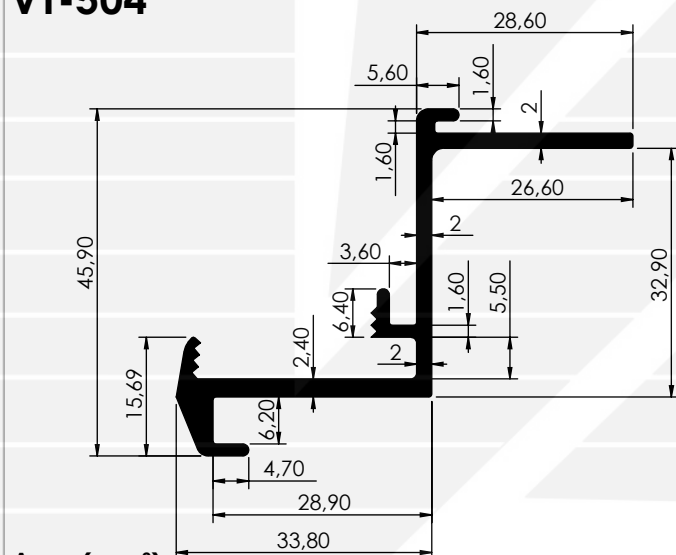
Escala 1:2
Area (mm²)
632,15
Peso (Kg/m)
1,713

VT-503



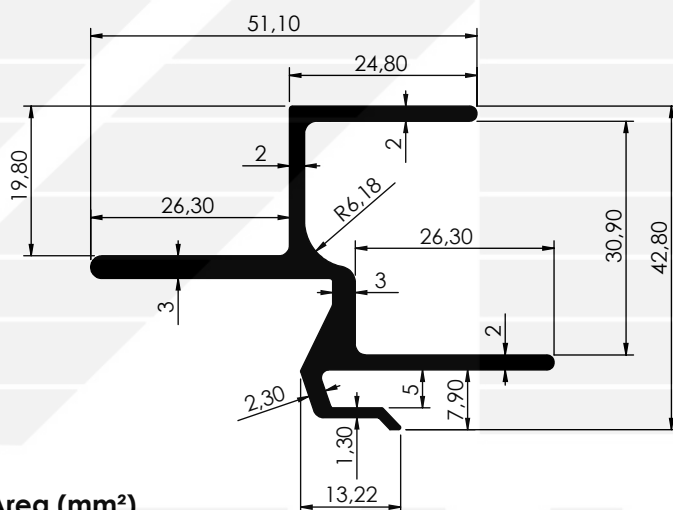
Area (mm²)
179,86
Peso (Kg/m)
0,487

VT-504



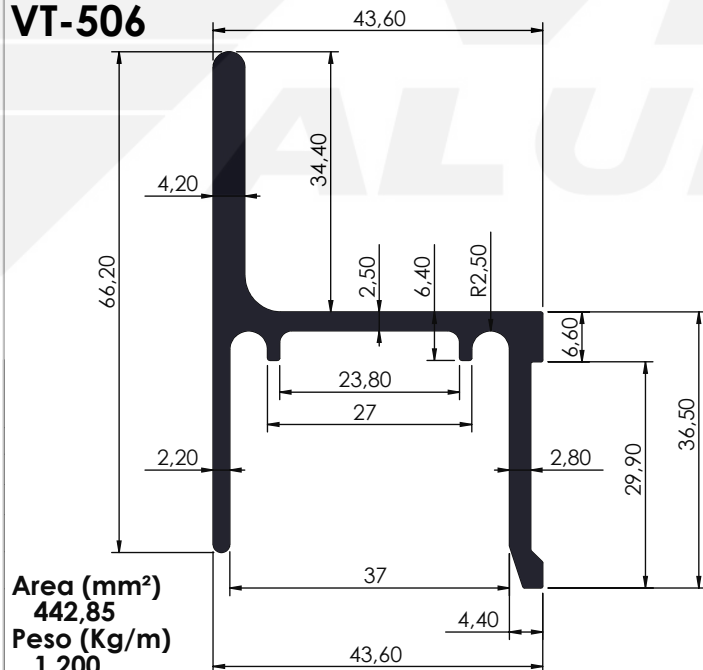
Area (mm²)
270,84
Peso (Kg/m)
0,734

VT-505



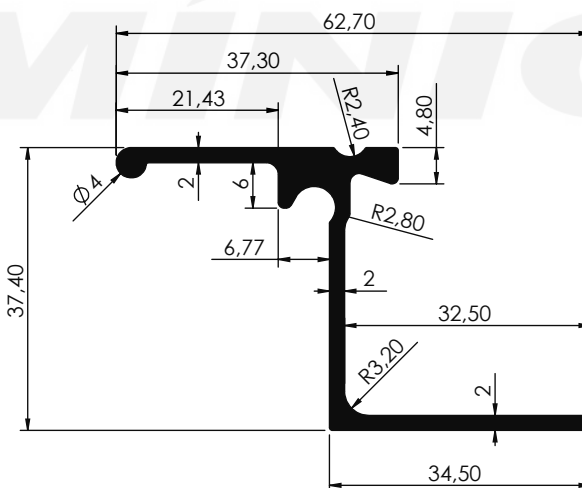
Area (mm²)
321,28
Peso (Kg/m)
0,871

VT-506



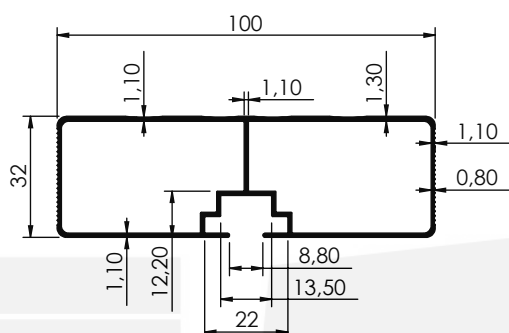
Area (mm²)
442,85
Peso (Kg/m)
1,200

VT-507



Area (mm²)
259,88
Peso (Kg/m)
0,704

VT-508



Escala 1:2

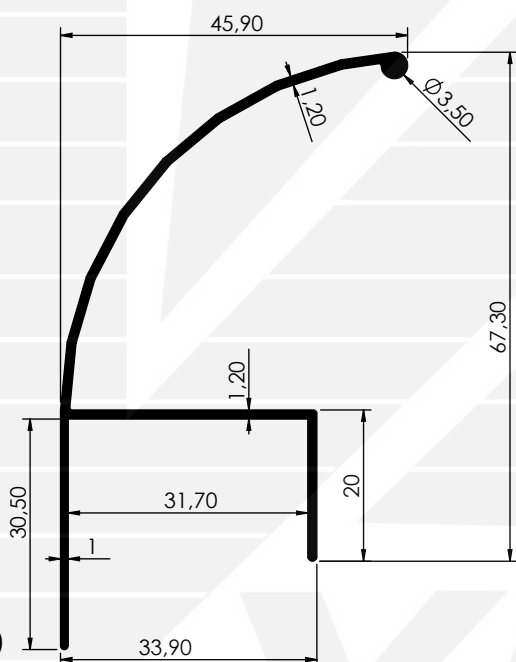
Area (mm²)

348,31

Peso (Kg/m)

0,944

VT-510



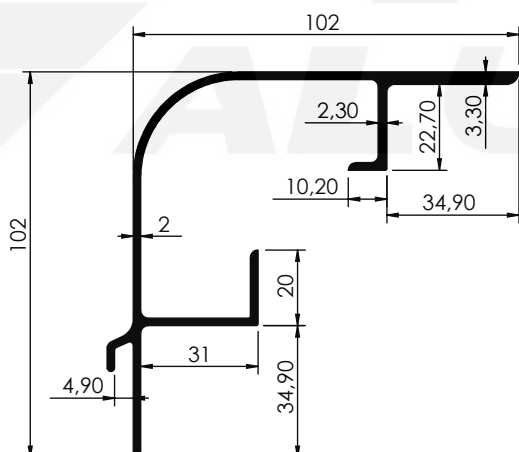
Area (mm²)

185,50

Peso (Kg/m)

0,503

VT-512



Escala 1:2

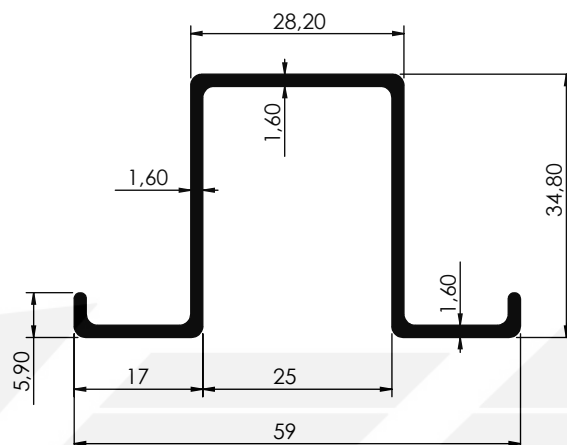
Area (mm²)

622,63

Peso (Kg/m)

1,687

VT-509



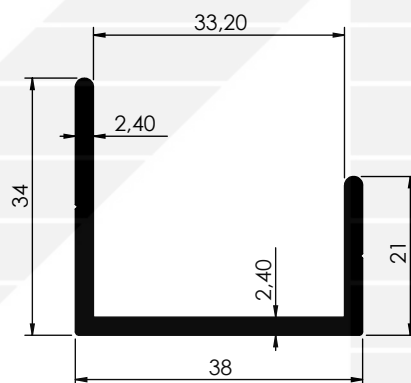
Area (mm²)

213,85

Peso (Kg/m)

0,580

VT-511



Area (mm²)

210,16

Peso (Kg/m)

0,570

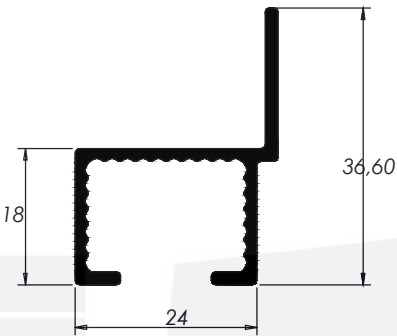
VT-

Area (mm²)

Peso (Kg/m)

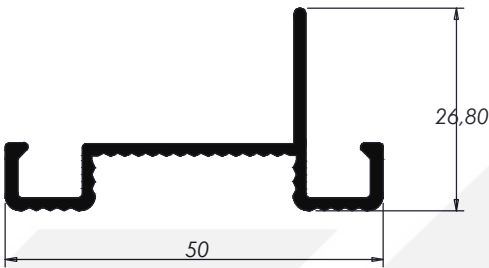
BASCULANTES

VT-675



Escala 2:1
Area (mm²)
34,25
Peso (Kg/m)
0,093

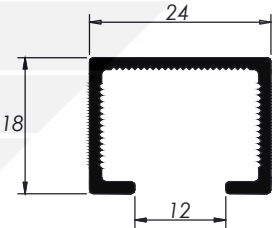
VT-676



Escala 2:1
Area (mm²)
38,12
Peso (Kg/m)
0,103

VT-

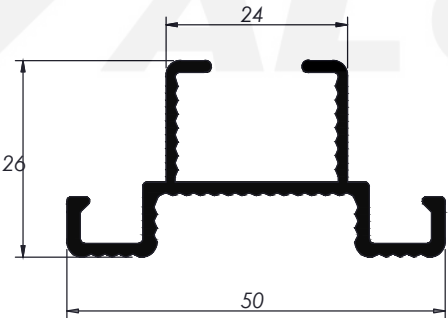
VT-678



Area (mm²)
Peso (Kg/m)

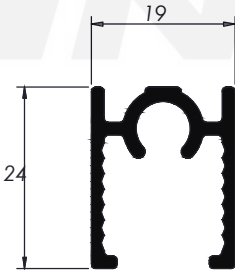
Escala 2:1
Area (mm²)
24
Peso (Kg/m)
0,065

VT-679



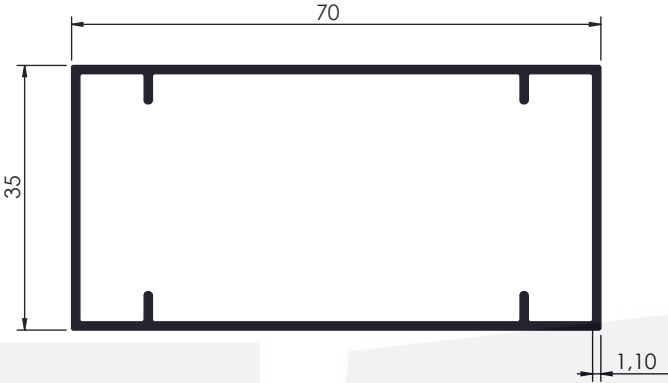
Escala 2:1
Area (mm²)
47,49
Peso (Kg/m)
0,128

VT-680



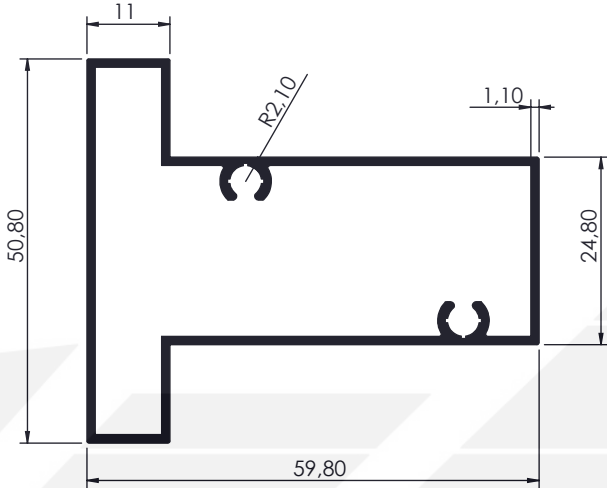
Escala 2:1
Area (mm²)
32,4
Peso (Kg/m)
0,088

VT-761



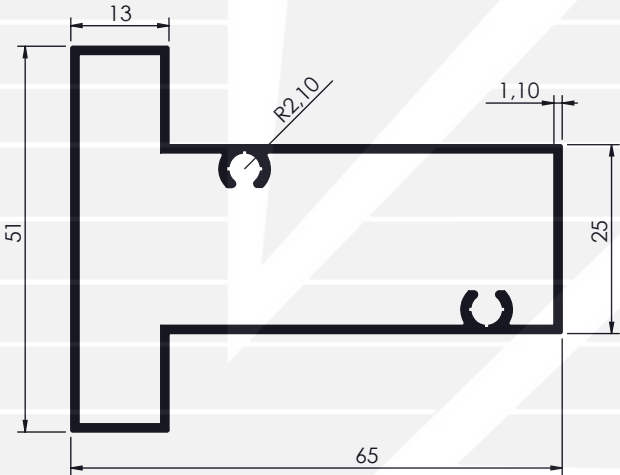
Area (mm²)
243,39
Peso (Kg/m)
0,659

VT-762



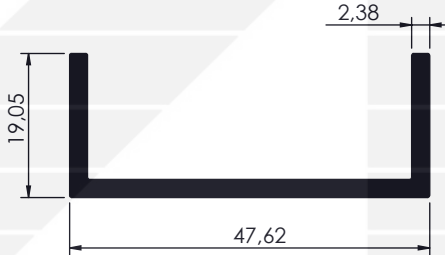
Area (mm²)
264,19
Peso (Kg/m)
0,715

VT-763



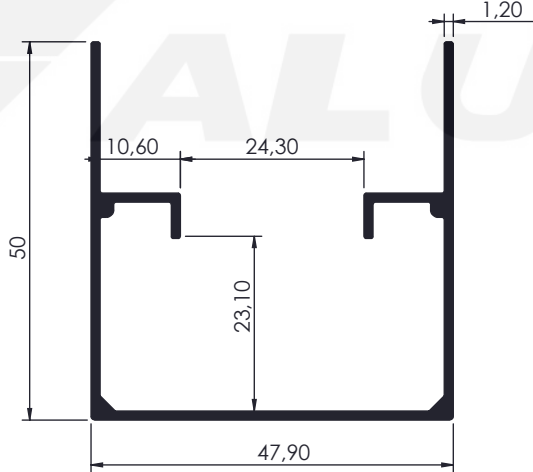
Area (mm²)
276,07
Peso (Kg/m)
0,748

VT-765



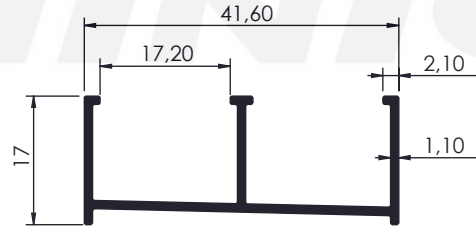
Area (mm²)
192,60
Peso (Kg/m)
0,521

VT-766



Area (mm²)
222,18
Peso (Kg/m)
0,602

VT-767



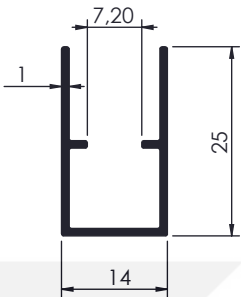
Area (mm²)
100,64
Peso (Kg/m)
0,272

VT-768



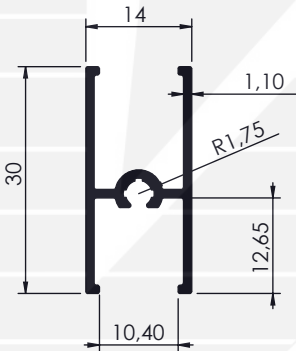
Area (mm²)
84,40
Peso (Kg/m)
0,228

VT-769



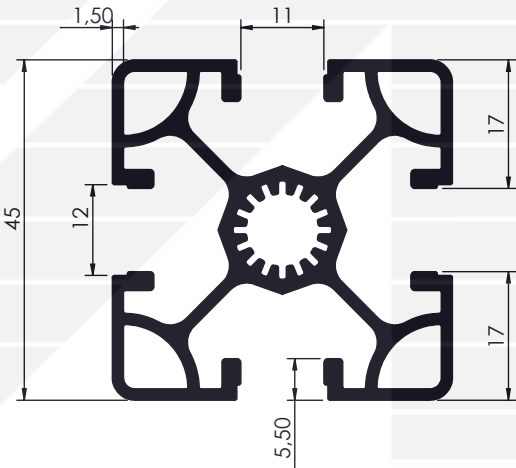
Area (mm²)
66,72
Peso (Kg/m)
0,180

VT-770



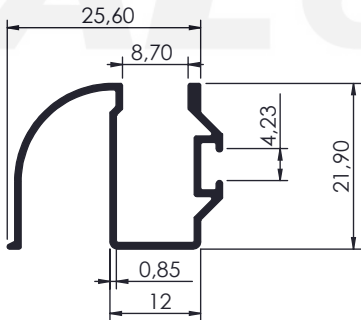
Area (mm²)
90,61
Peso (Kg/m)
0,245

VT-771



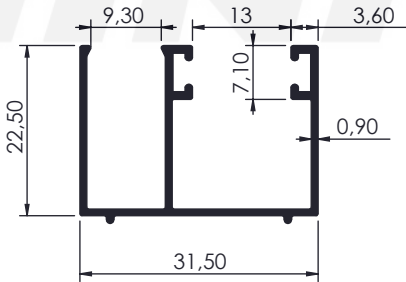
Area (mm²)
541,8
Peso (Kg/m)
1,468

VT-772



Area (mm²)
83,44
Peso (Kg/m)
0,226

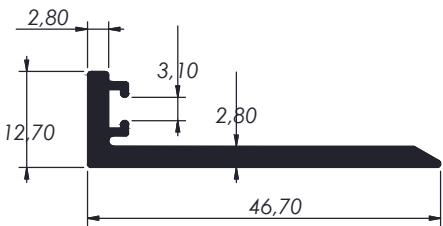
VT-773



Area (mm²)
104,85
Peso (Kg/m)
0,284

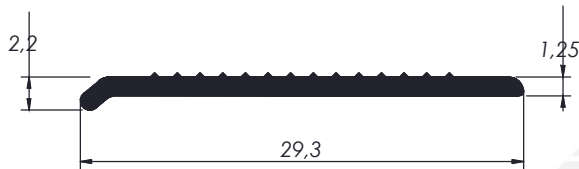
PERFIS EM DESENVOLVIMENTO

VT-780



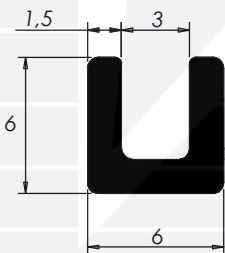
Area (mm²)
161,9
Peso (Kg/m)
0,439

VT-782



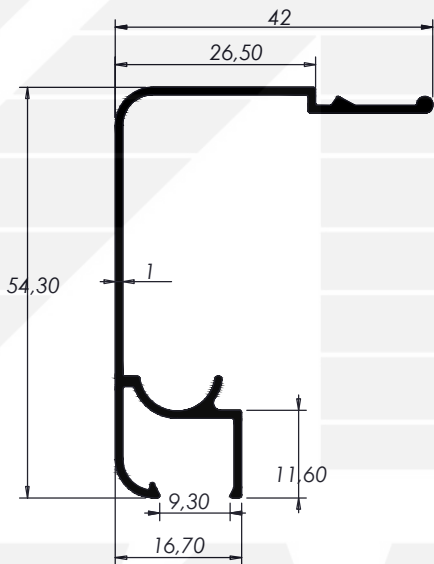
Area (mm²)
37,9
Peso (Kg/m)
0,103

VT-776



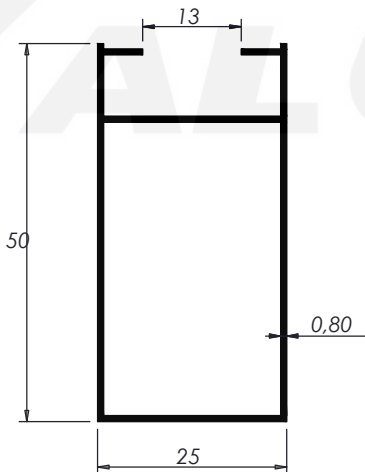
Escala 3:1
Area (mm²)
22,35
Peso (Kg/m)
0,060

VT-777



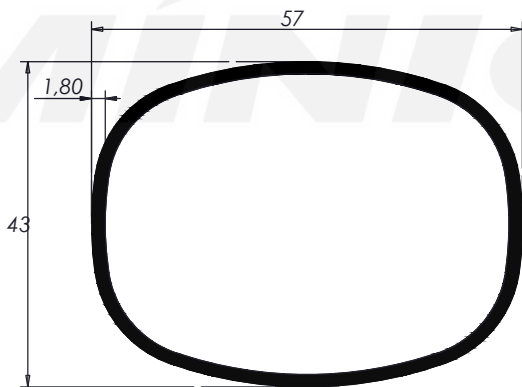
Escala 2:1
Area (mm²)
140,24
Peso (Kg/m)
0,380

VT-778



Escala 2:1
Area (mm²)
125,76
Peso (Kg/m)
0,340

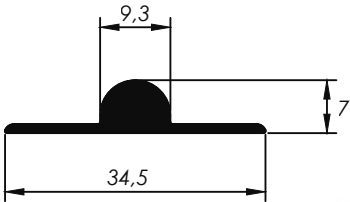
VT-779



Area (mm²)
267,04
Peso (Kg/m)
0,723

PERFIS EM DESENVOLVIMENTO

VT-860



Area (mm²)
85,5
Peso (Kg/m)
0,232

VT-

Area (mm²)
Peso (Kg/m)

VT-

VT-

Area (mm²)
Peso (Kg/m)

Area (mm²)
Peso (Kg/m)

VT-

VT-

Area (mm²)
Peso (Kg/m)

Area (mm²)
Peso (Kg/m)