

PERFILES NORMALIZADOS**TUBOS REDONDOS**

Nº. Matriz	Diámetro Ext. mm.	Espesor mm.
AH-12111	16	1,5
AH-0590	20	1,8
AH-50193	20	2
AH-16417	20	3
A-00166	25	2
A-00113	30	2
AH-01510	32	2
AH-7201	40	2
AH-1581	40	3
A-05166	50	2
A-02525	50	3
L-001025	60	2
AH-50190	60	2,5
AH-38748	60	5
AH-1709	70	3
AH-51947	80	2,5
AH-555187	100	3
AH-50816	100	5

PERFILES NORMALIZADOS

TUBOS CUADRADOS

Nº. Matriz	Medida en mm.	Espesor mm.
A-05614	16 X 16	1.3
AH-30401	20 x 20	1.5
A-06067	20 x 20	2
* A-00110	25 x 25	2
A-02983	25 x 25	2
A-03007	30 x 30	1.2
A-02430	30 x 30	2
AH-1713	30 x 30	3
A-05721	35 x 35	1.5
AH-11711	35 x 35	2.5
A-00084	40 x 40	1.3
A-02390	40 x 40	2
AH-30413	40 x 40	3
A-02429	50 x 50	2
A-03497	50 x 50	3
A-5718	60 x 60	2
AH-1685	60 x 60	3
A-05711	70 x 70	2
A-06116	70 x 70	3
A-05712	80 x 80	2
AH-20477	80 x 80	3

* Aristas Curvas

PERFILES NORMALIZADOS**TUBOS CUADRADOS**

Nº. Matriz	Medida en mm.	Espesor mm.
A-04123	100 x 100	2
A-30444	100 x 100	3
* A-10140	100 x 100	4
A-10254	120 x 120	5
* A-10094	150 x 150	5
AH-2002005	200 x 200	5

PERFILES NORMALIZADOS

TUBOS RECTANGULARES

Nº. Matriz	Medida en mm.	Espesor mm.	
A-06062	20 x 10	1.5	
A-09972	20 x 15	1.5	
AH-3625	30 x 15	1.5	
A-00654	40 x 20	1.2	
A-02274	40 x 20	2	
A-05723	40 x 20	3	
AH-524	40 x 30	2	
AH-69333	40 x 30	4	
A-500218	50 x 15	1.5	
AH-74136	50 x 15	2	
AH-551629	50 x 20	1.5	
* A-09600	50 x 20	2	
AH-1747	50 x 20	3	
AH-30505	50 x 25	2	
AH-0582	50 x 30	2	
* A-03860	50 x 30	2.5	Portatornillos
A-01542	60 x 10	2	
A-00655	60 x 20	1.3	
AH-555169	60 x 20	2	
* A-06531	60 x 30	2	Portatornillos
A-00085	60 x 40	1.3	
A-05713	60 x 40	2	
A-05719	60 x 40	3	
AH-30507	70 x 20	1.5	
AH-00116	70 x 20	2	
AH-2056165	70 x 30	2.5	
* A-06535	70 x 40	2.5	
* Aristas Curvas			

PERFILES NORMALIZADOS

TUBOS RECTANGULARES

Nº. Matriz	Medida en mm.	Espesor mm.	
A-03006	80 x 20	1.3	
AH-508	80 x 20	1.6	
AH-38927	80 x 20	2	
* A-03859	80 x 30	2.5	Portatornillos
A-02423	80 x 40	1.3	
A-05714	80 x 40	2	
A-06066	80 x 40	3	
* A-03922	80 x 50	3	
AH-706	90 x 50	3	
AH-7163	100 x 18	2	
AH-30500	100 x 20	1.2	Refuerzo interior
A-11304	100 x 20	1.2	Portatornillos
A-04749	100 x 20	1.5	
A-00594	100 x 40	2	
A-05720	100 x 50	3	
* A-503920	120 x 20	2	
* A-00358	120 x 25	1.6	Refuerzo interior
A-05716	120 x 40	2	
AH-1657	120 x 60	3	
AH-1708	120 x 80	6	
AH-30514	150 x 25	2.4	
A-503934	150 x 50	2	

* Aristas Curvas

PERFILES NORMALIZADOS

TUBOS RECTANGULARES

Nº. Matriz	Medida en mm.	Espesor mm.	
A-07335	170 x 50	2.6	
AH-1622	200 x 18	2	c/refuerzo
AH-0724	200 x 20	1.4	c/refuerzo
* A-04590	200 x 40	2	refuerzo portatornillos
AH-1643	200 x 100	3	
AH-30565	200 x 100	4	
AH-9201	300 x 20	1.5	
A-01088	300 x 100	3	

PERFIL EN FORMA DE "T"

Nº. Matriz	Medida en mm.	Espesor mm.
AH-0538	15 x 15	1.2
AH-54774	40 x 40	4
AH-38701	50 x 50	5

* Aristas Curvas

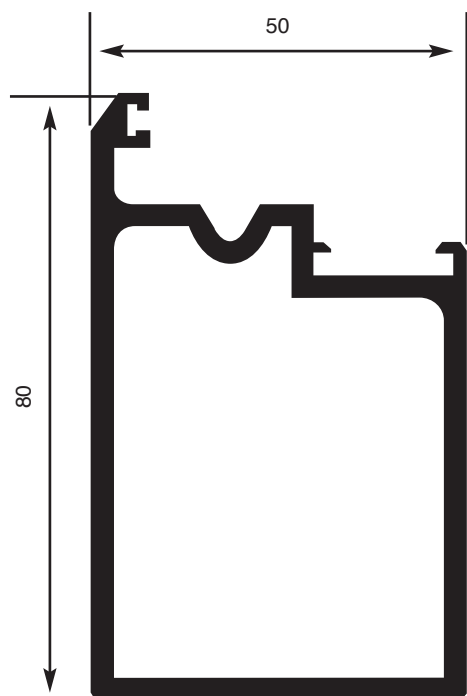
PERFILES NORMALIZADOS**ÁNGULOS - CANTONEIRAS**

Nº. Matriz	Diámetro Ext. mm.	Espesor mm.
A-00834	15 x 15	1.2
A-01002	20 x 20	1.2
AH-1513	25 x 25	1.5
A-01003	30 x 30	1.2
A-08334	30 x 30	4
A-00040	40 x 40	1.4
A-05715	40 x 40	3
A-01821	50 x 50	3
A-03011	60 x 60	1.3
AH-07450	70 x 70	6
AH-04280	90 x 90	10
A-00652	40 x 20	1.2
A-00098	60 x 20	1.8
A-01400	70 x 40	1.2
AH-11263	100 x 75	10
A-5601	120 x 70	8

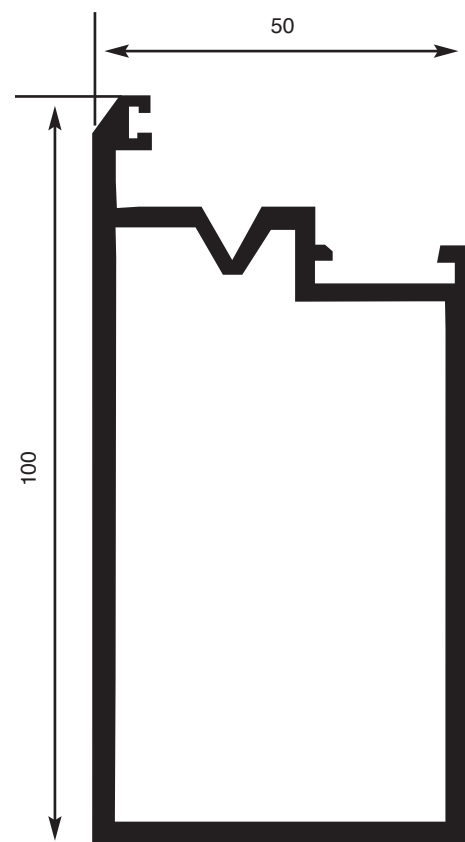
PERFILES NORMALIZADOS**PLETINAS - BARETAS**

Nº. Matriz	Medida en mm.	Espesor mm.	
AH-5001	20	4	estriada
A-02523	20	5	
A-01951	30	3	
A-06063	30	5	
AH-39024	30	8	
A-02387	40	4	
AH-04008	40	8	
AH-1600	40	10	
AH-00920	50	5	
A-04439	50	10	
A-11372	70	10	
A-06018	80	5	
AH-00802	100	7	
A-100265	100	10	
AH-200935	120	10	
AH-39221	150	10	

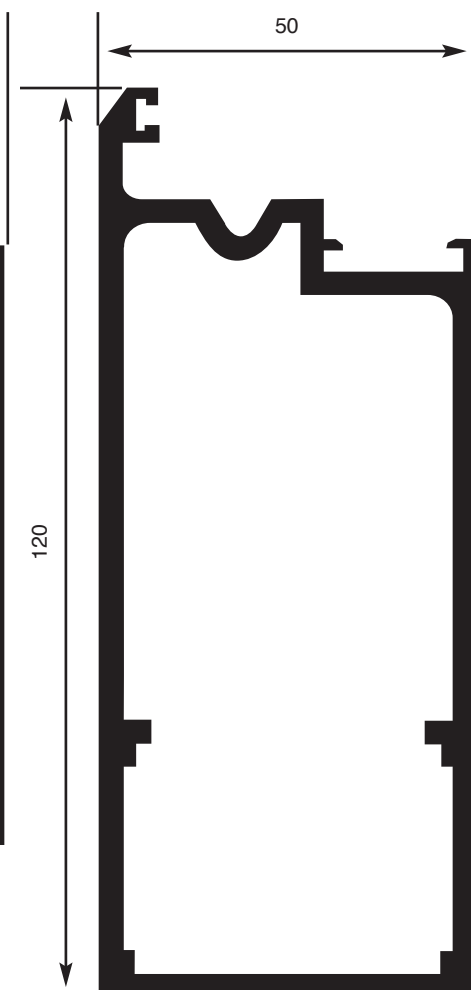
SERIE PJ-50 PORTALES - PORTÕES



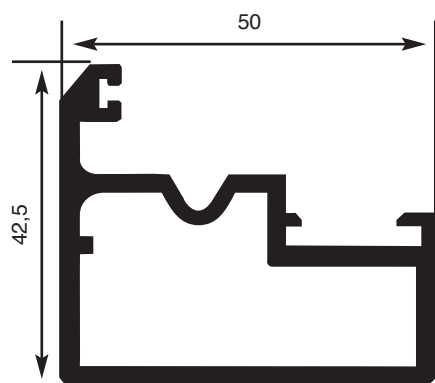
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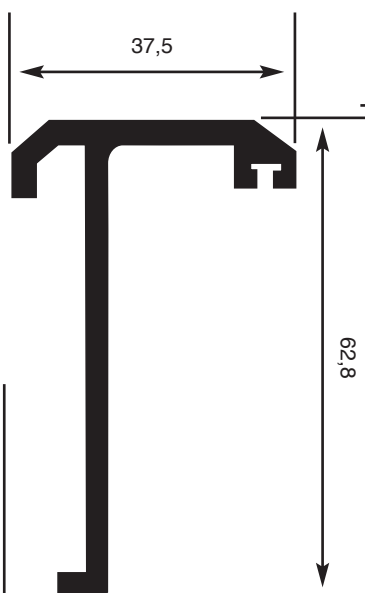
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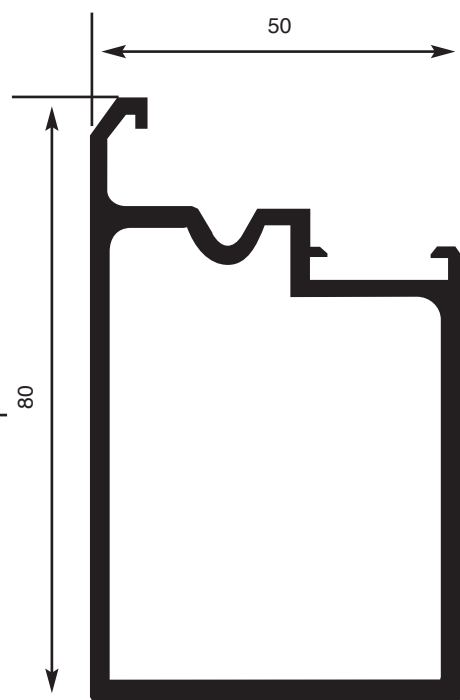
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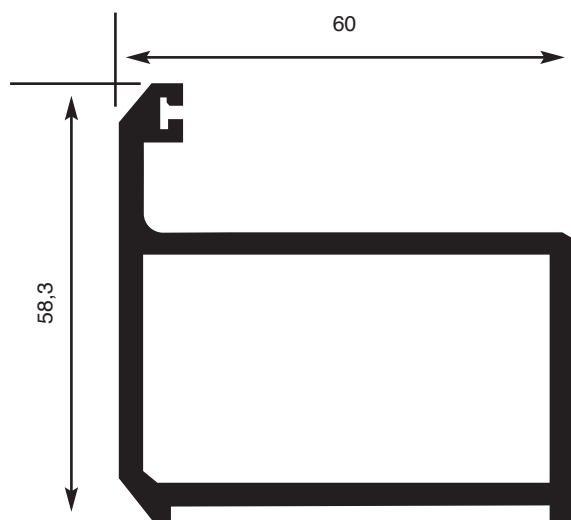
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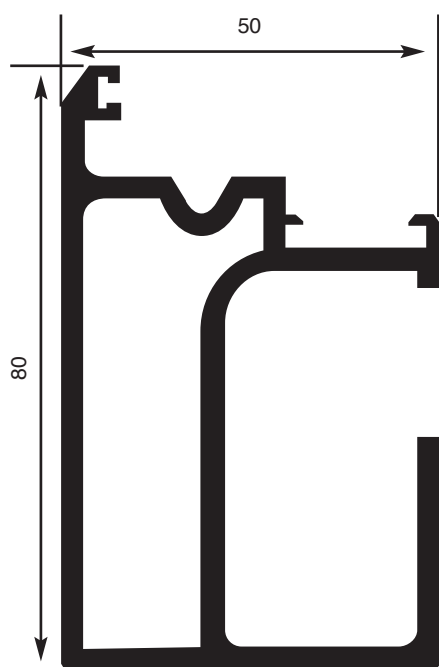


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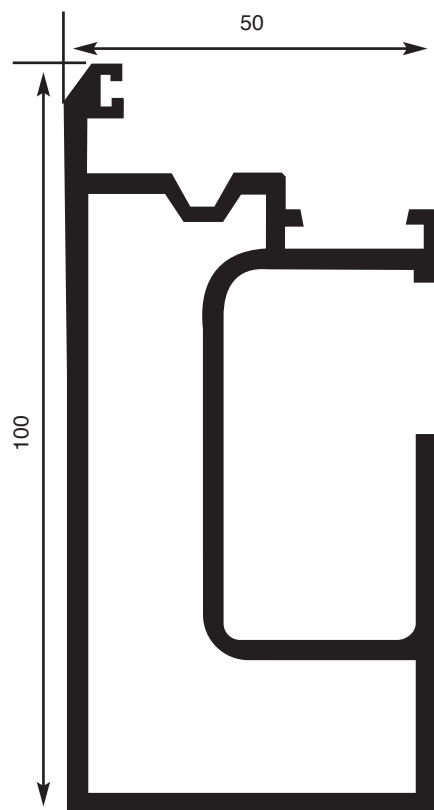


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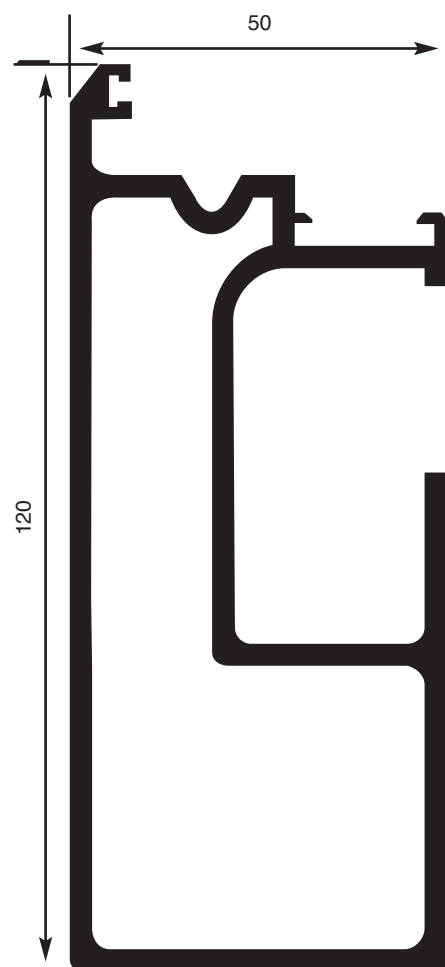
SERIE PJ-50 PORTALES - PORTÕES



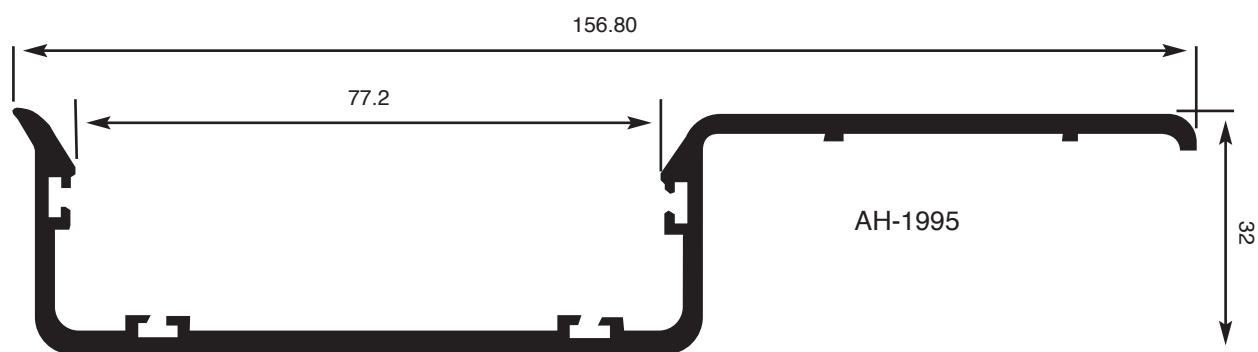
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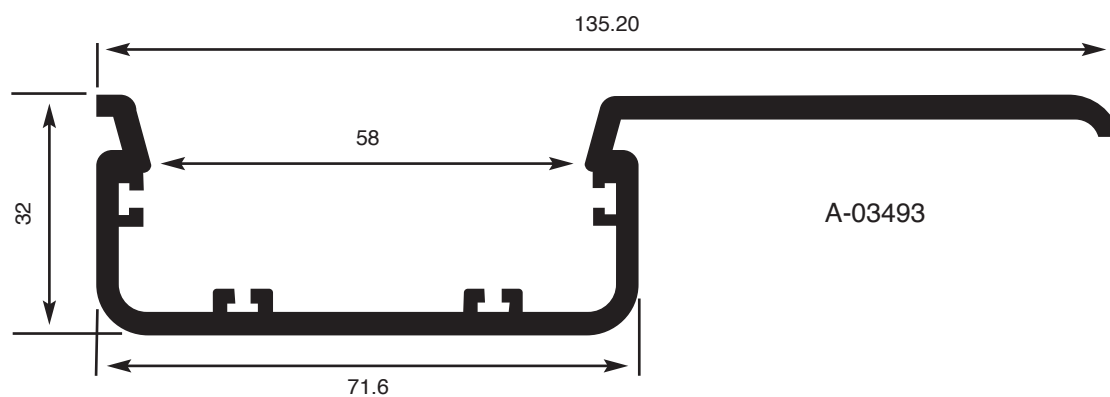
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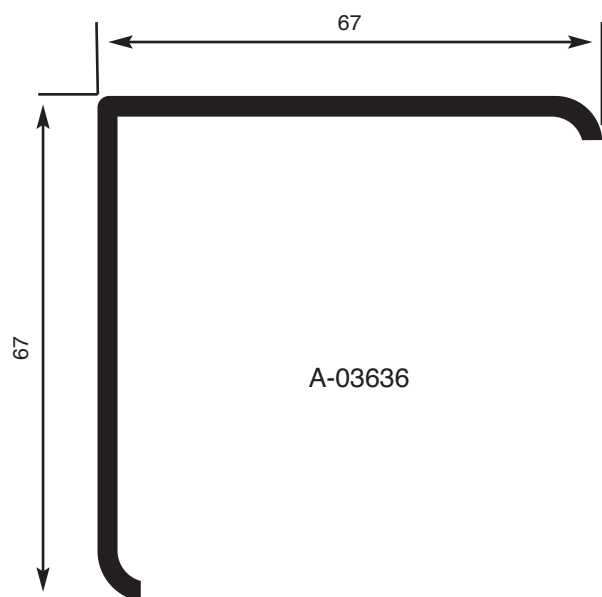


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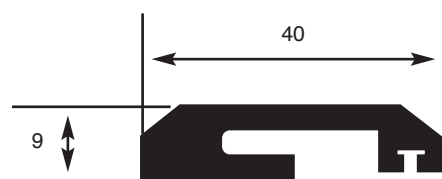


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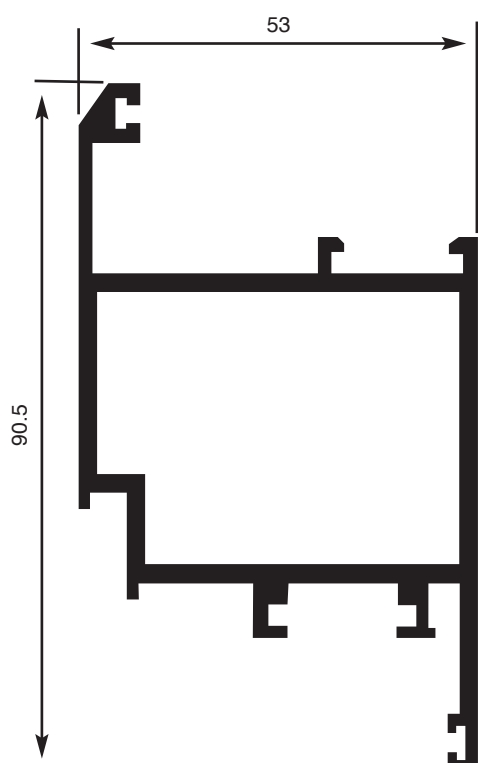
SERIE PJ-50 PORTALES - PORTÕES



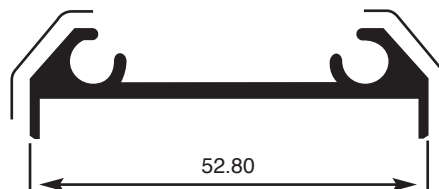
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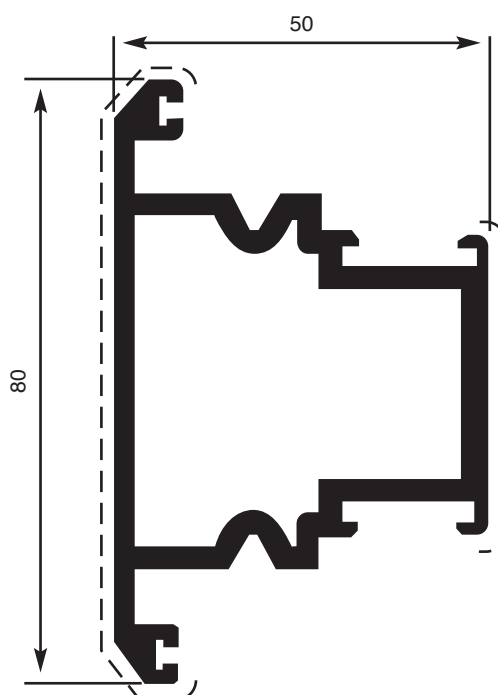
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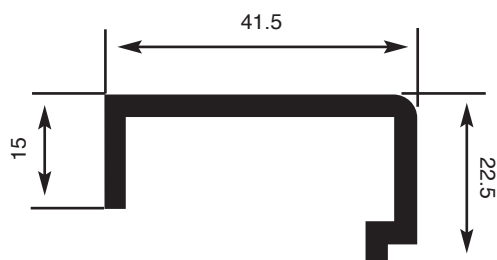
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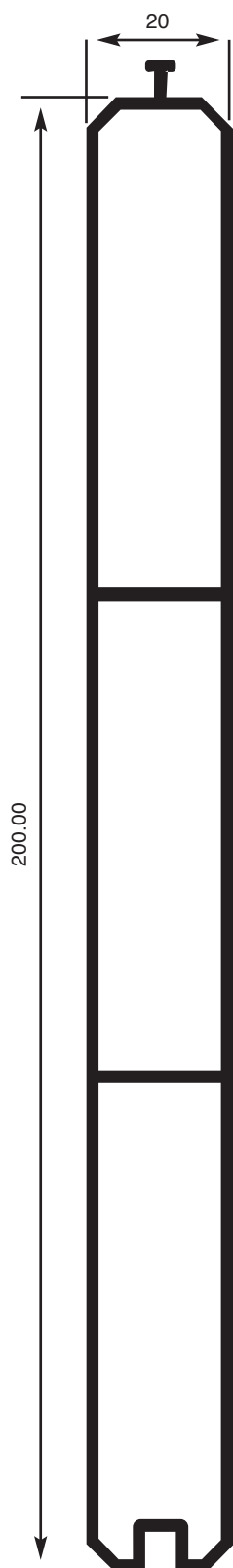


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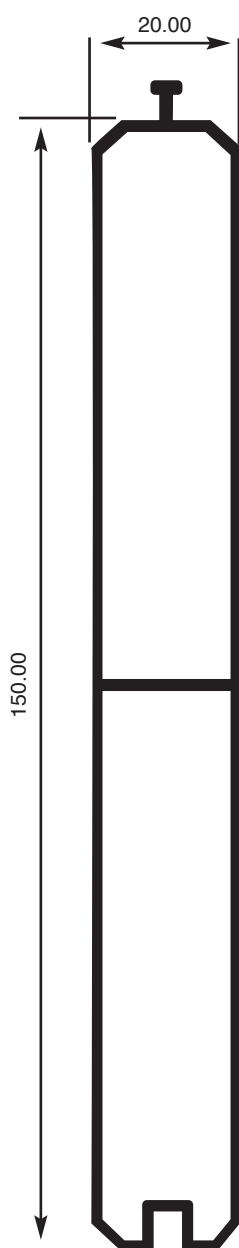


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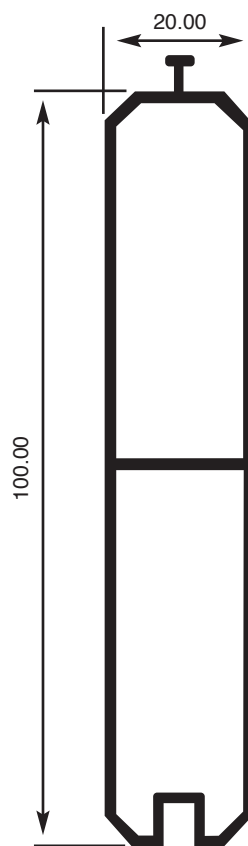
SERIE PJ-50 PORTALES - PORTÕES



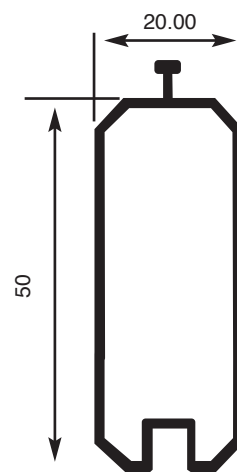
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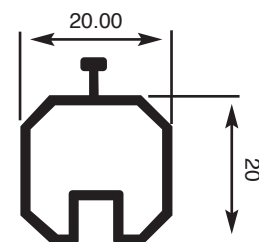
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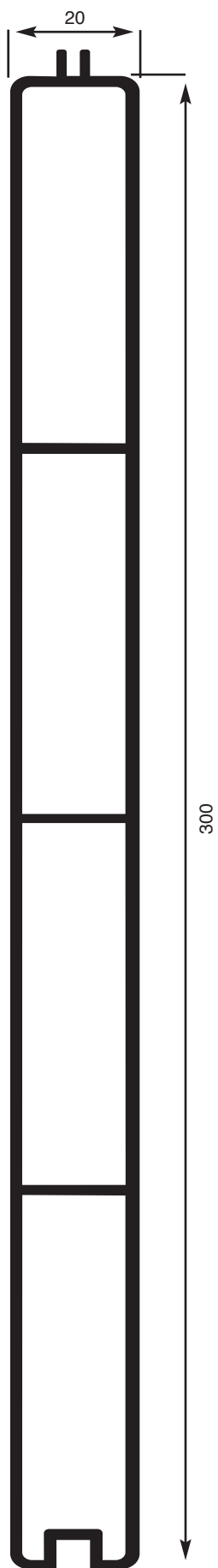
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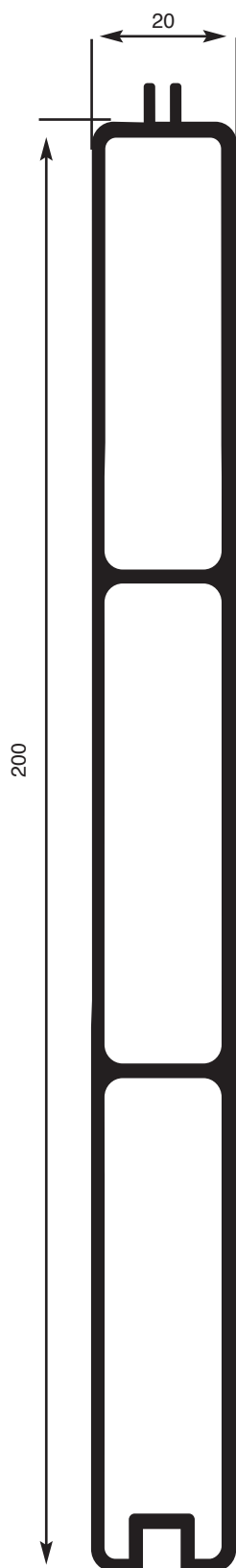
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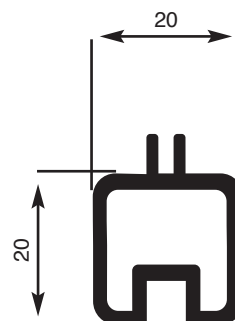
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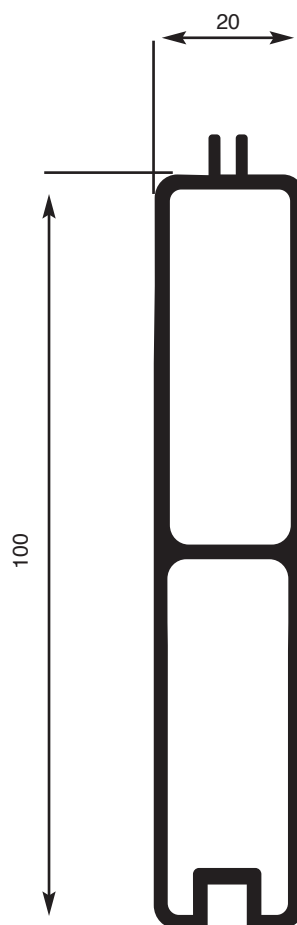
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AH-03405

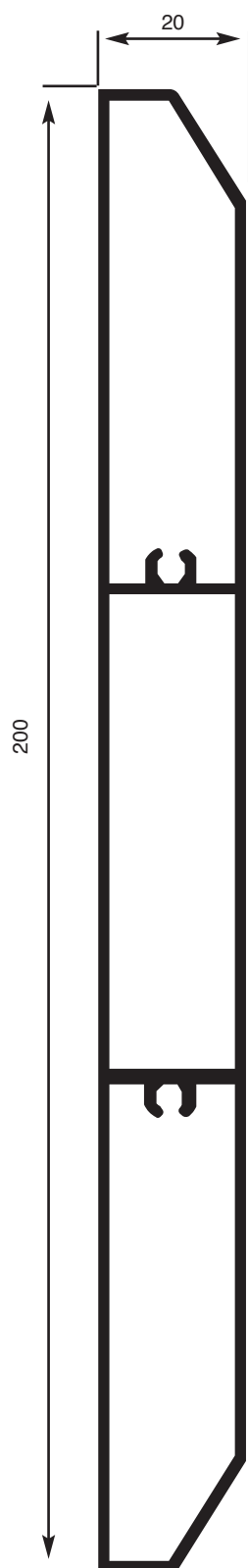


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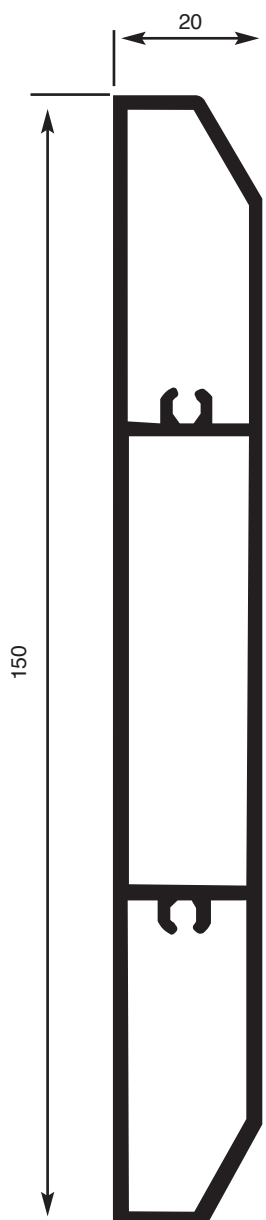


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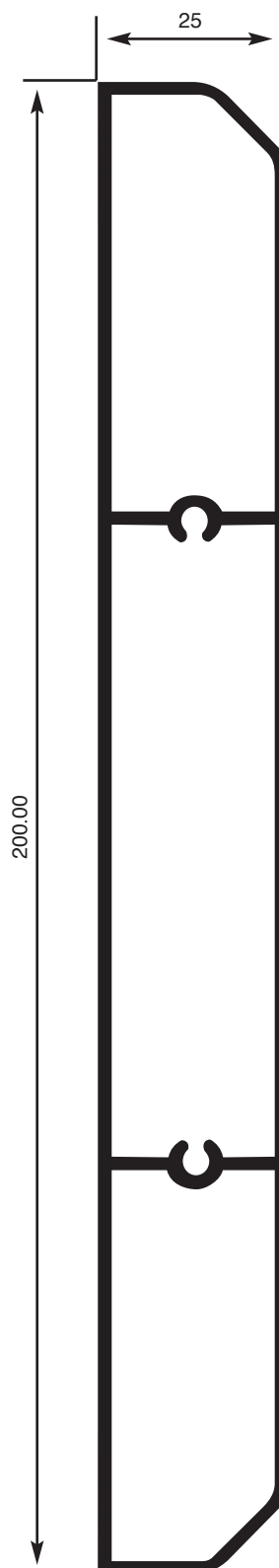
SERIE PJ-50 PORTALES - PORTÕES



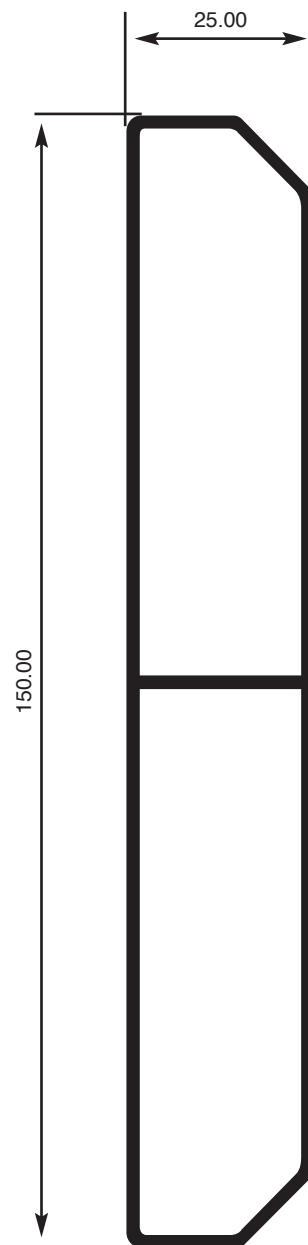
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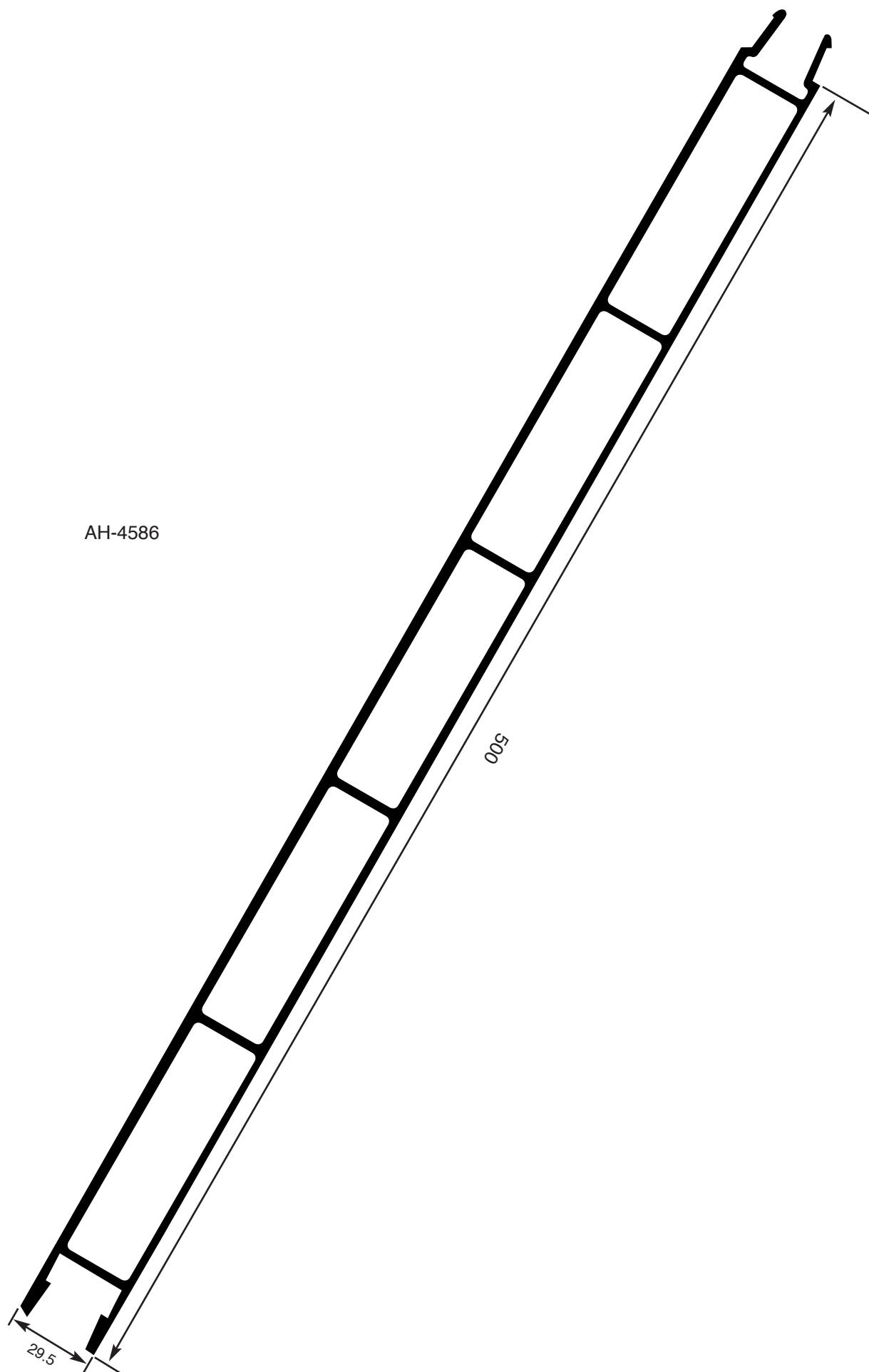
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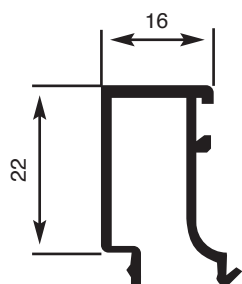
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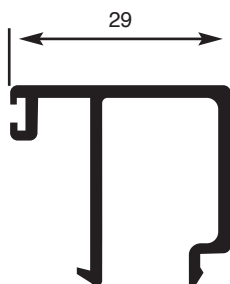
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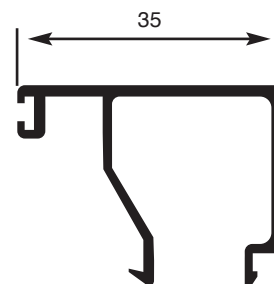
SERIE PJ-50 PORTALES - PORTÕES



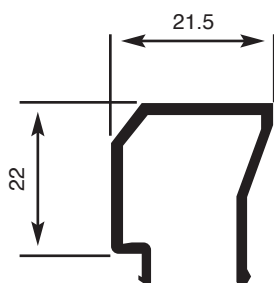
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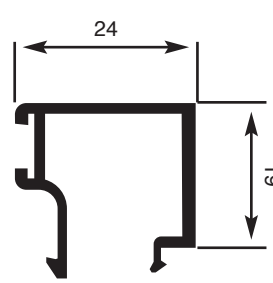
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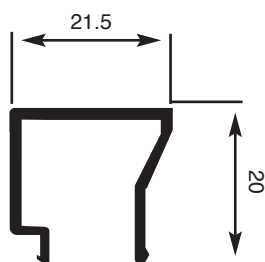
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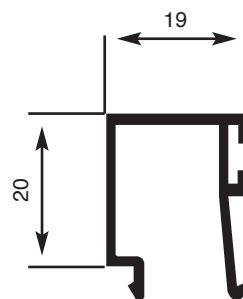
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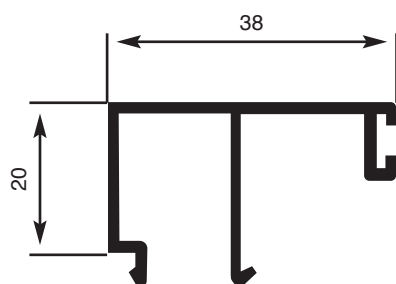
AH-9007
Junquillo para Hoja A-03863



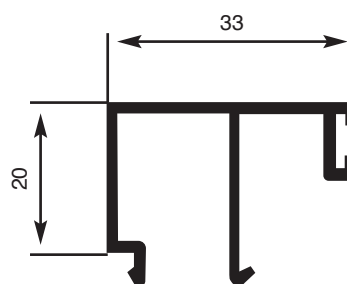
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A-03502

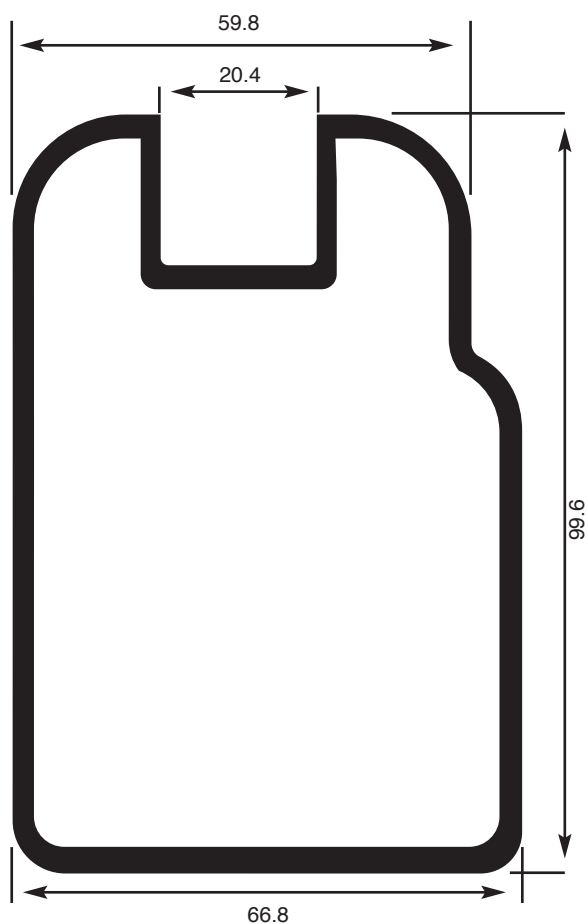


AH-2016

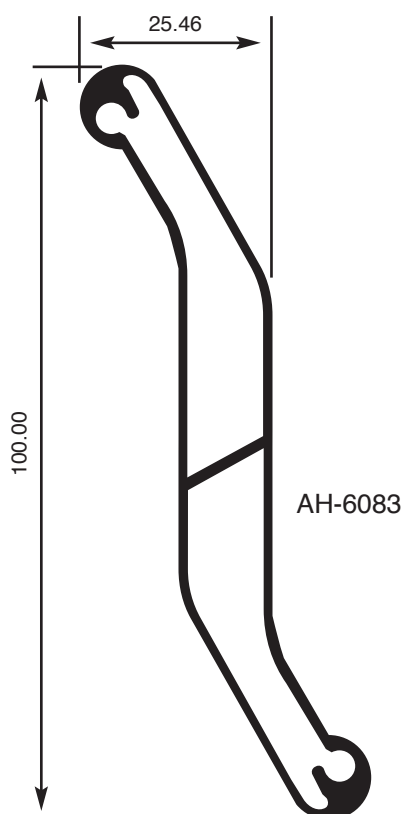


AH-2017

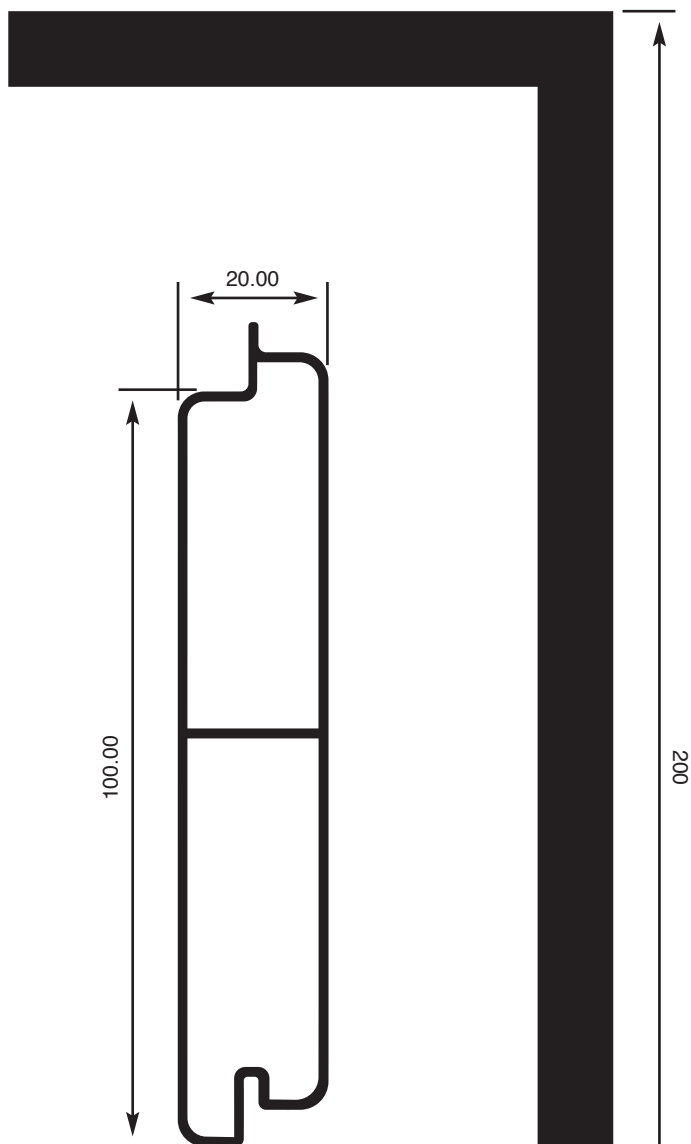
SERIE PJ-50 PORTALES - PORTÕES



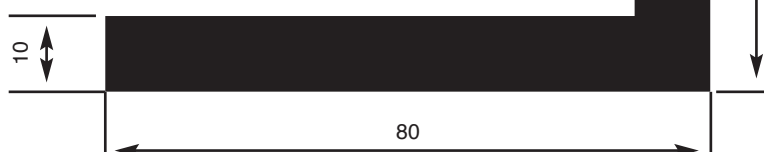
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AH-6083

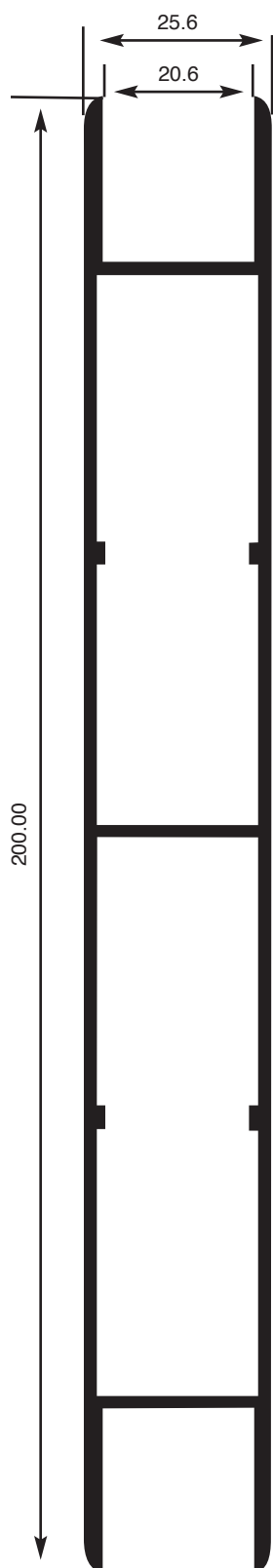


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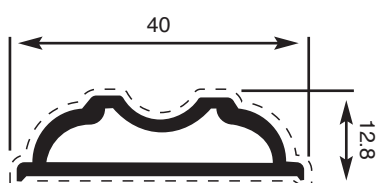


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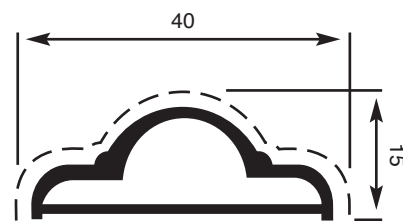
SERIE PJ-50 PORTALES - PORTÕES



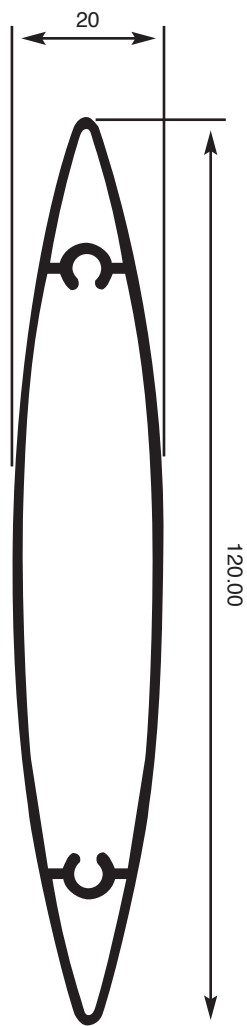
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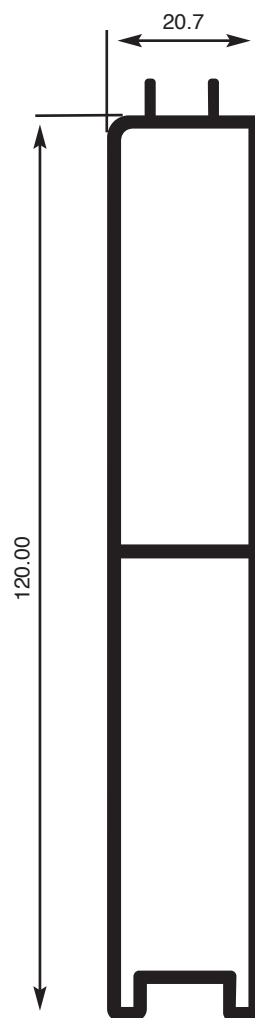
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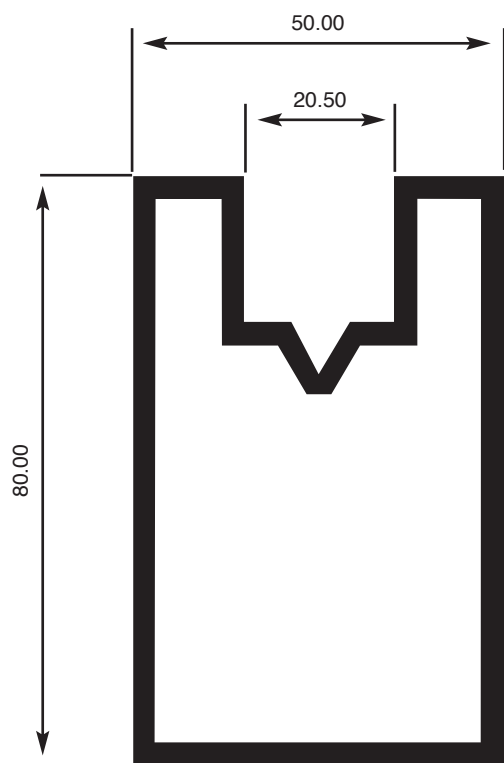


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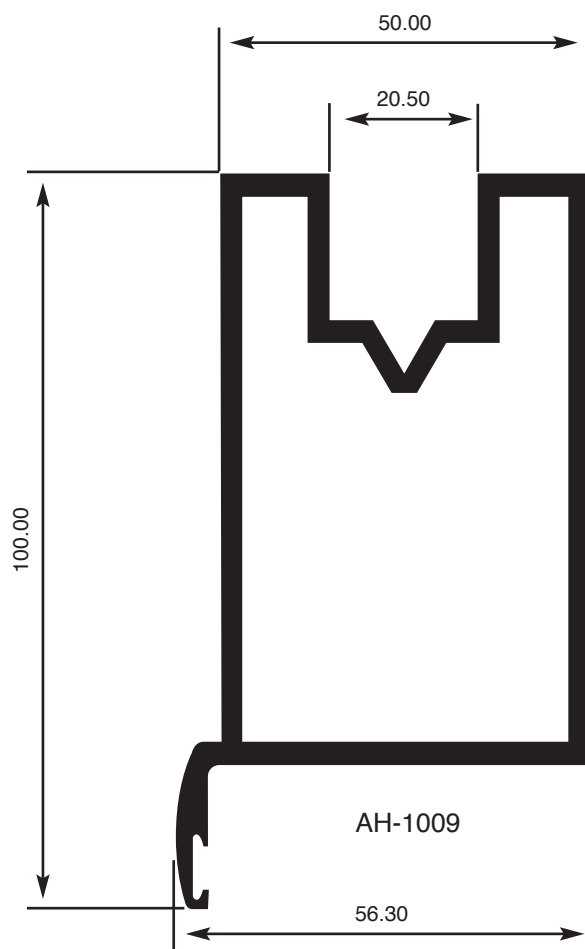


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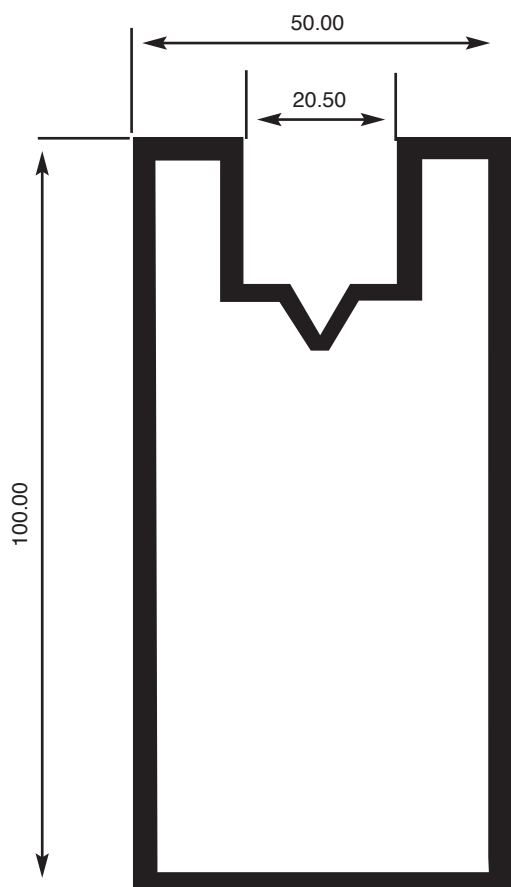
SERIE PJ-50 PORTALES - PORTÕES



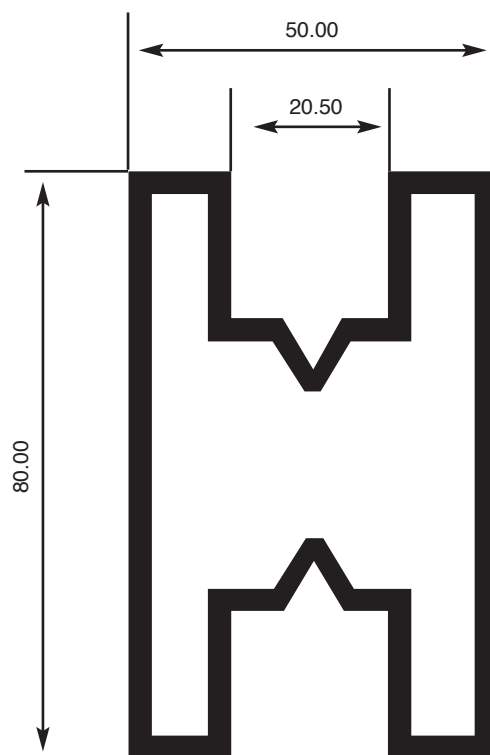
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AH-1009

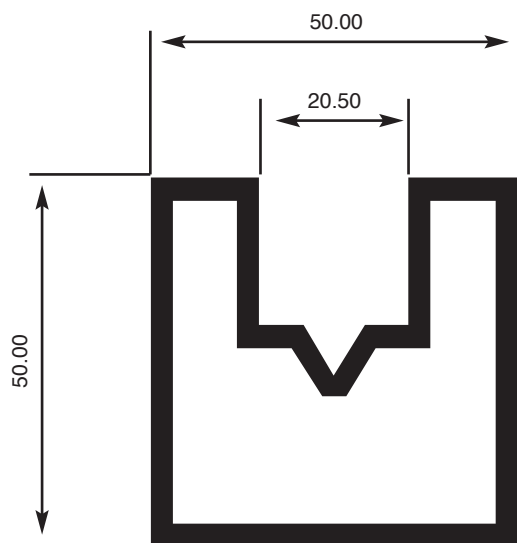


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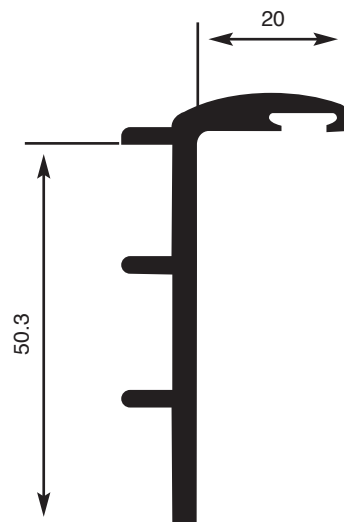


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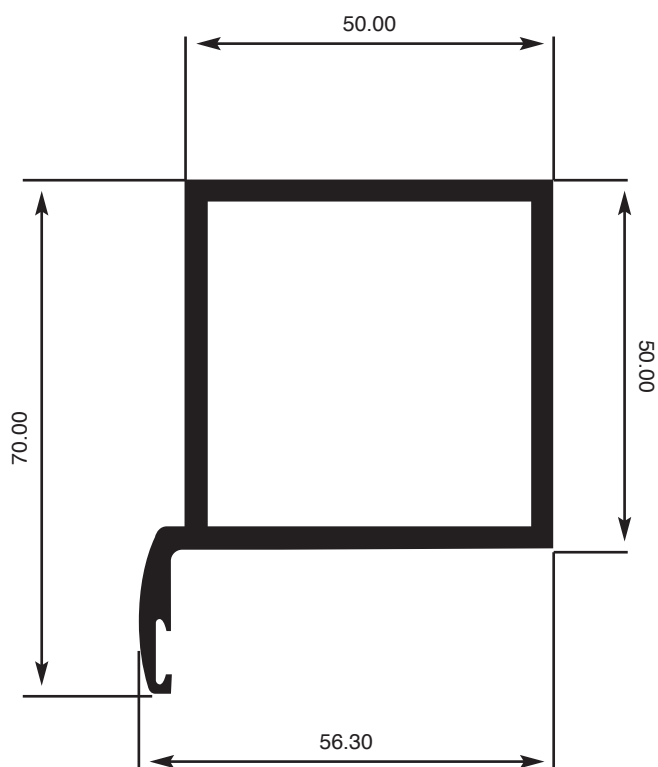
SERIE PJ-50 PORTALES - PORTÕES



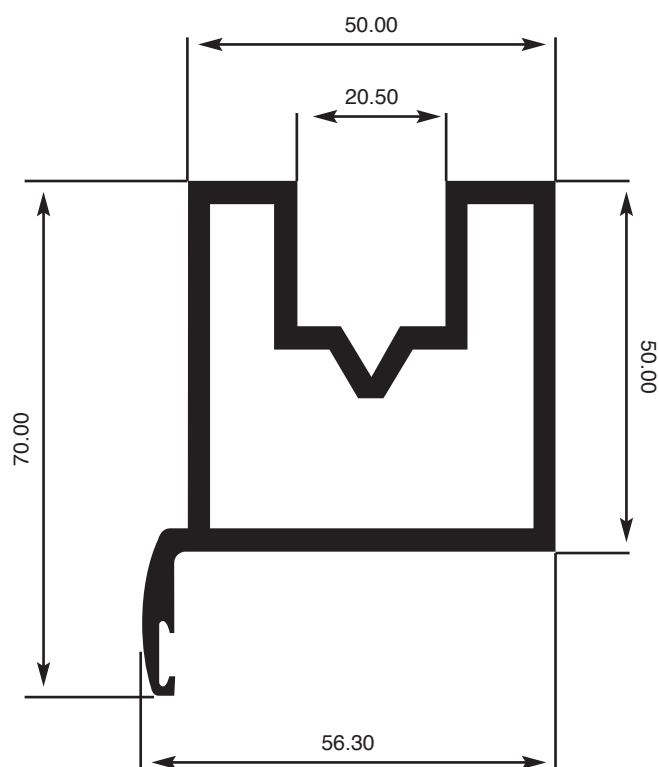
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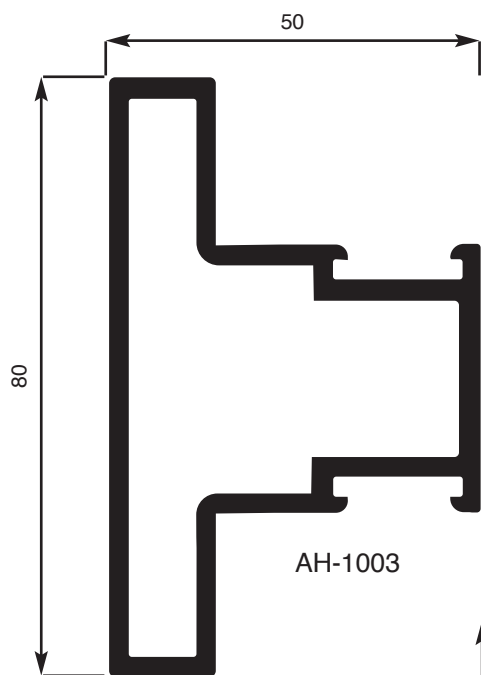
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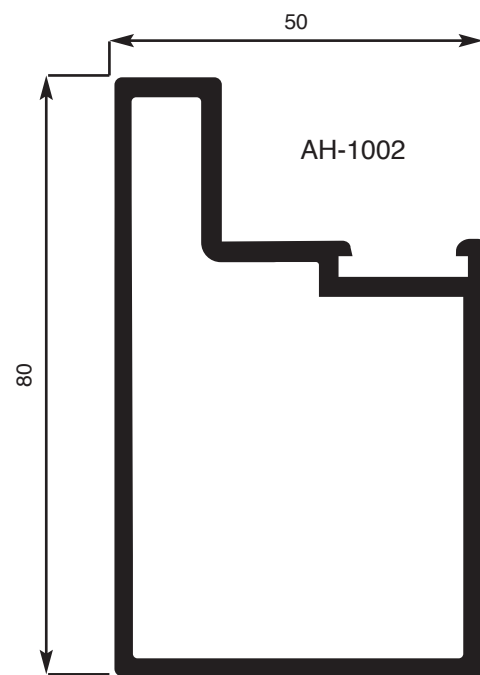
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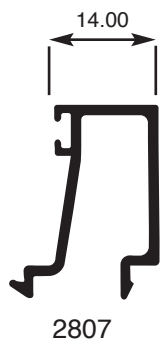
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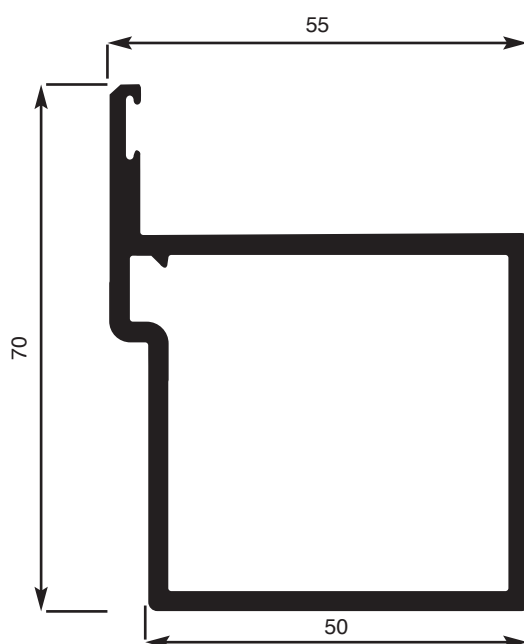
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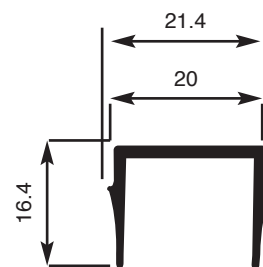
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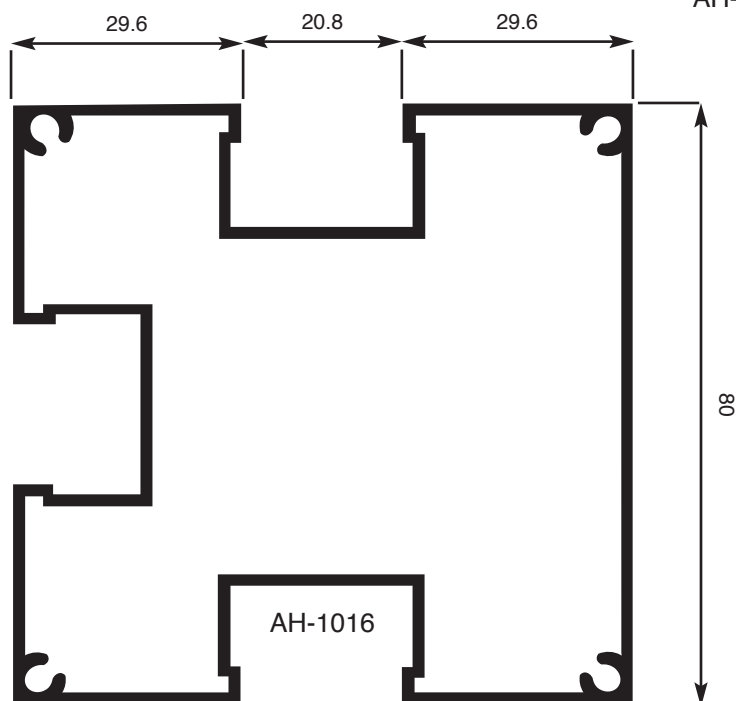
2807



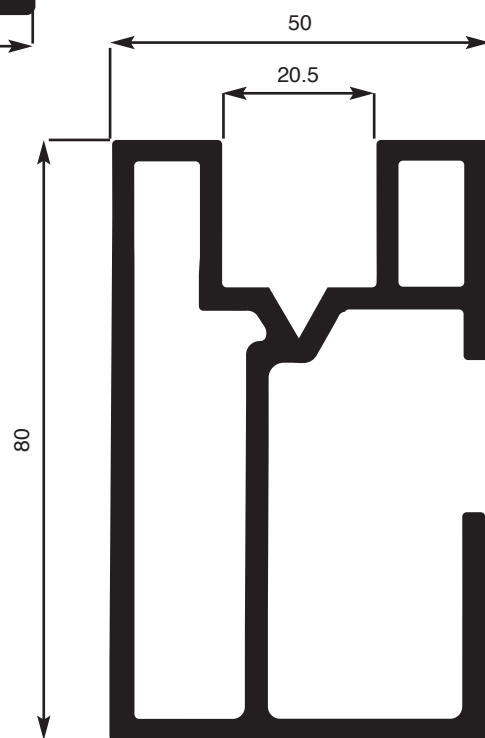
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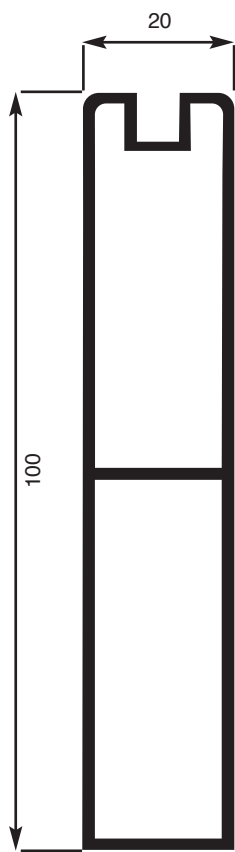
AH-1017



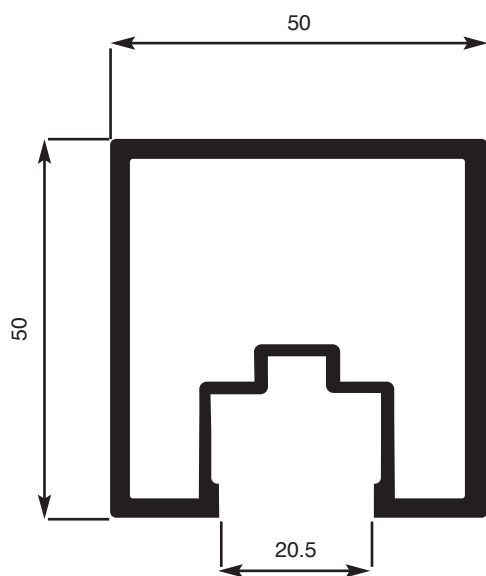
AH-1016



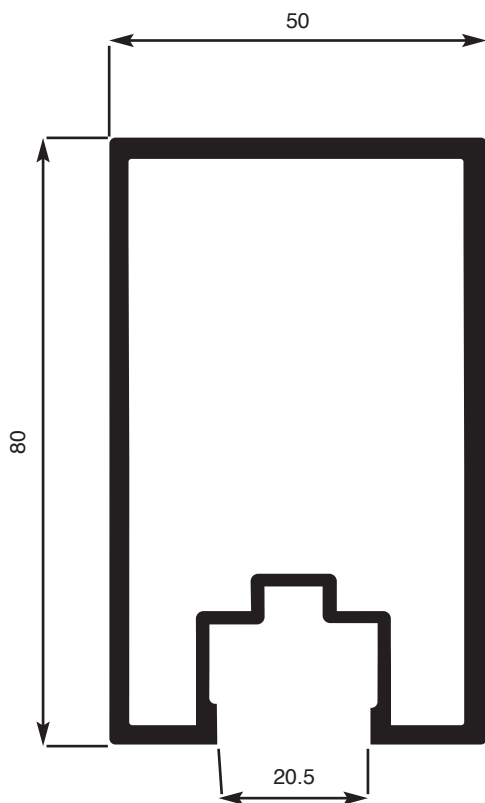
AH-1015



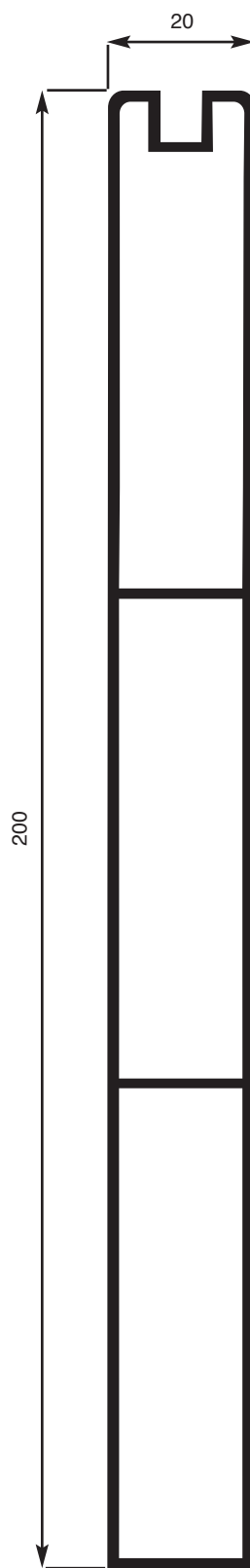
AH-3409



AH-1018



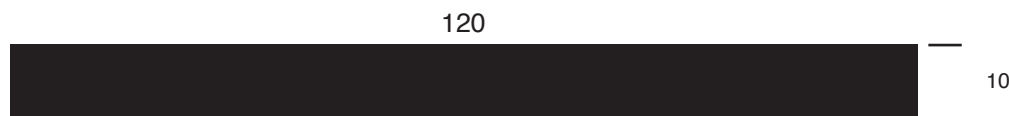
AH-1019



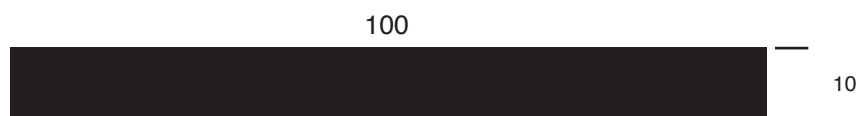
AH-3410



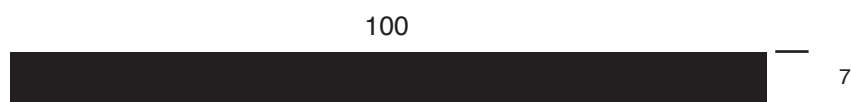
AH-39221



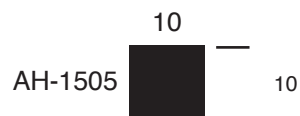
AH-200935



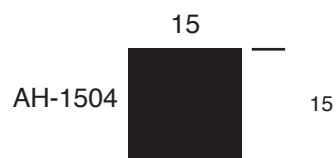
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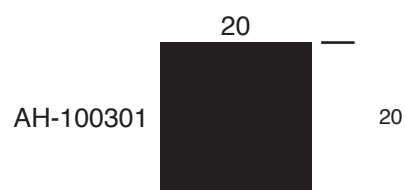
AH-00802



AH-1505



AH-1504



AH-100301



AH-30104



AH-74707



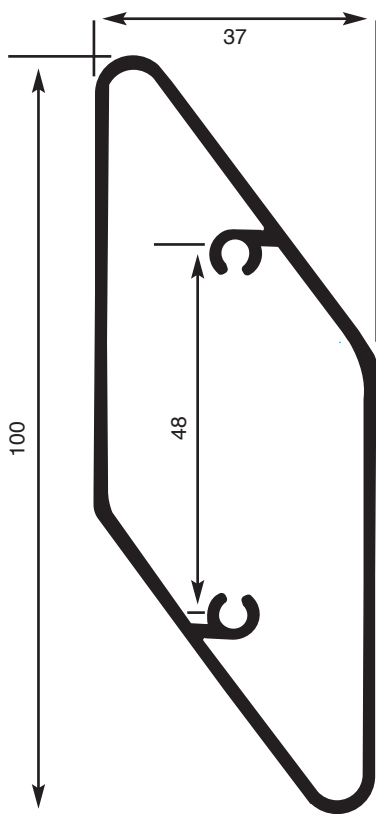
AH-1539



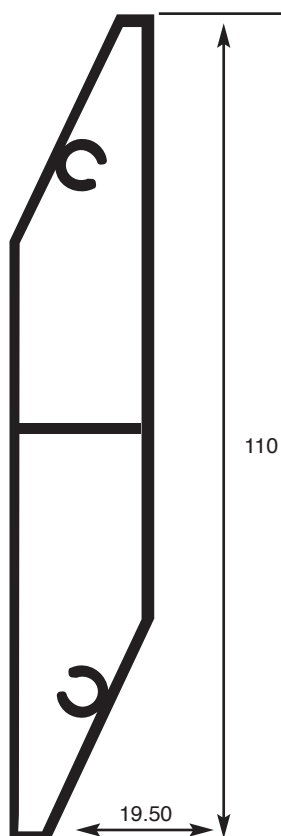
AH-1540



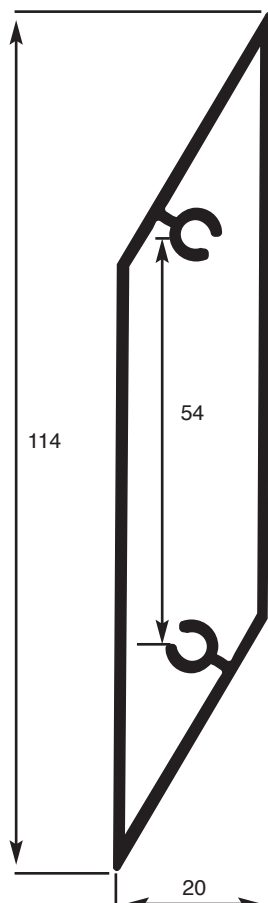
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AH-3401

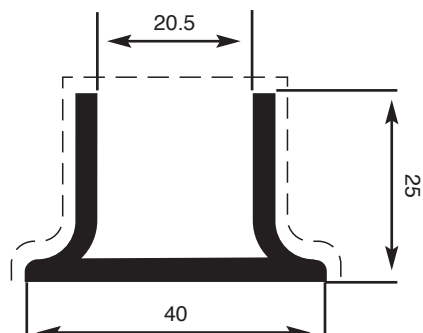


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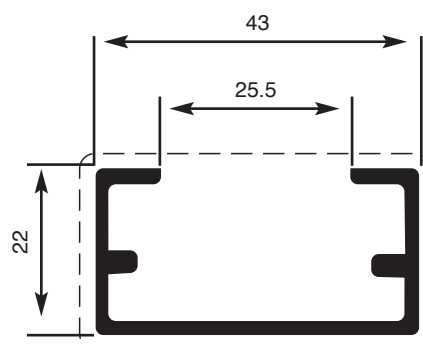


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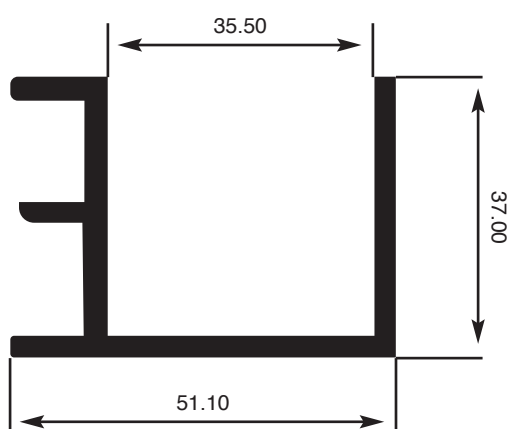
SERIE PJ-50 PORTALES - PORTÕES



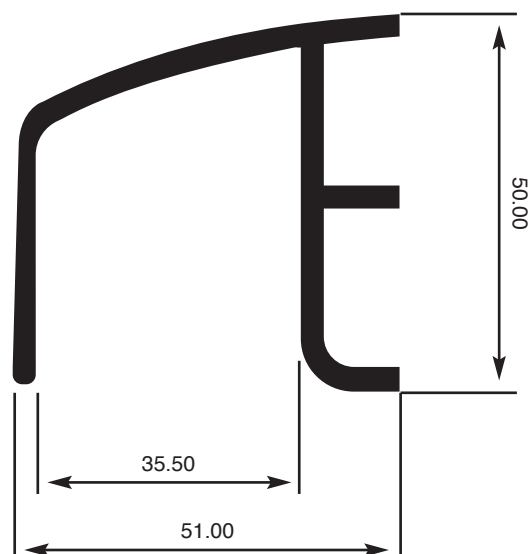
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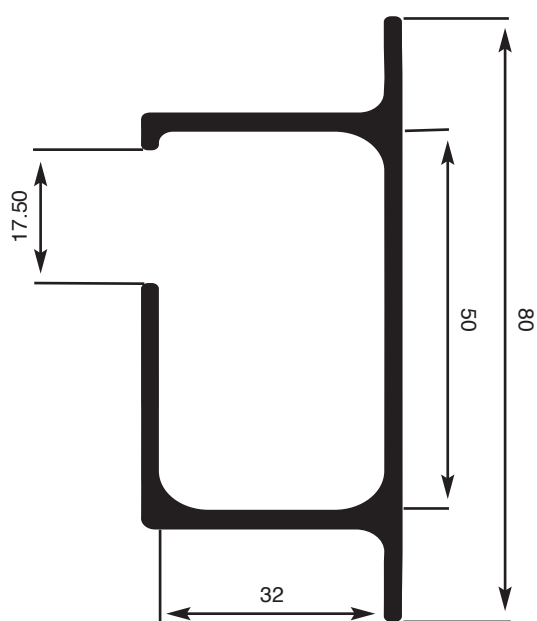
AH-4259



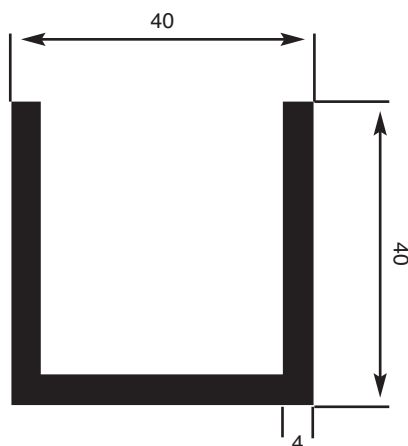
AH-1013



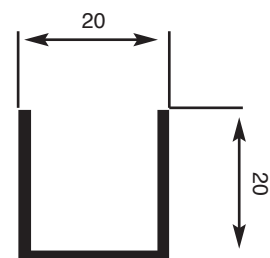
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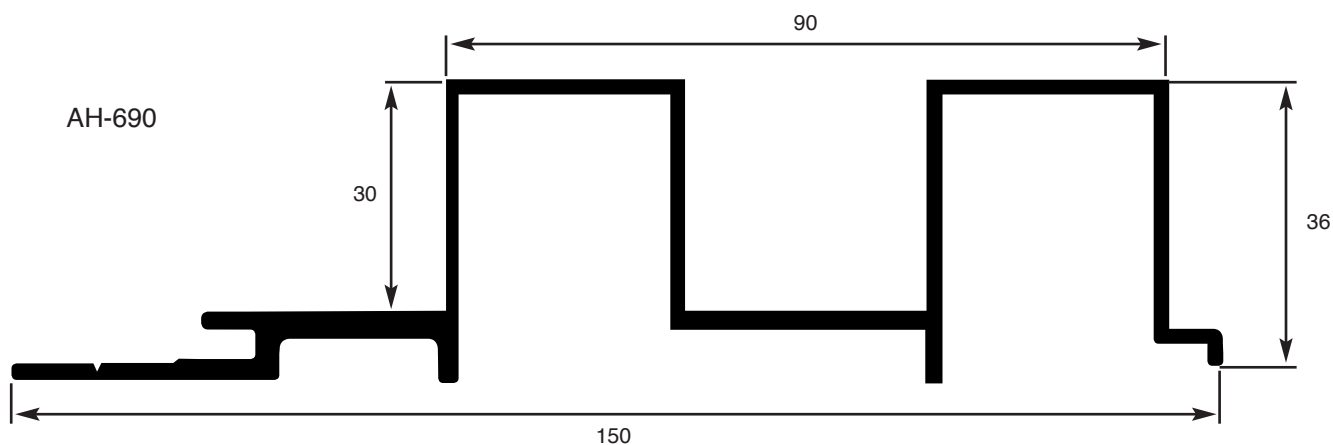
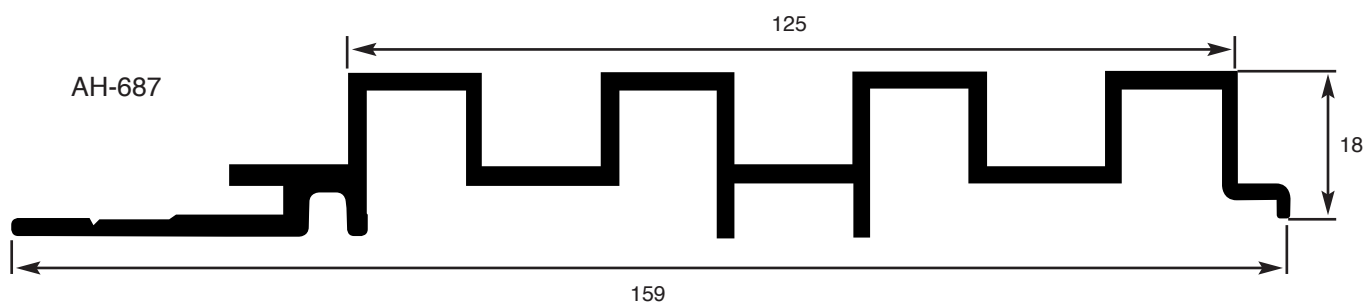
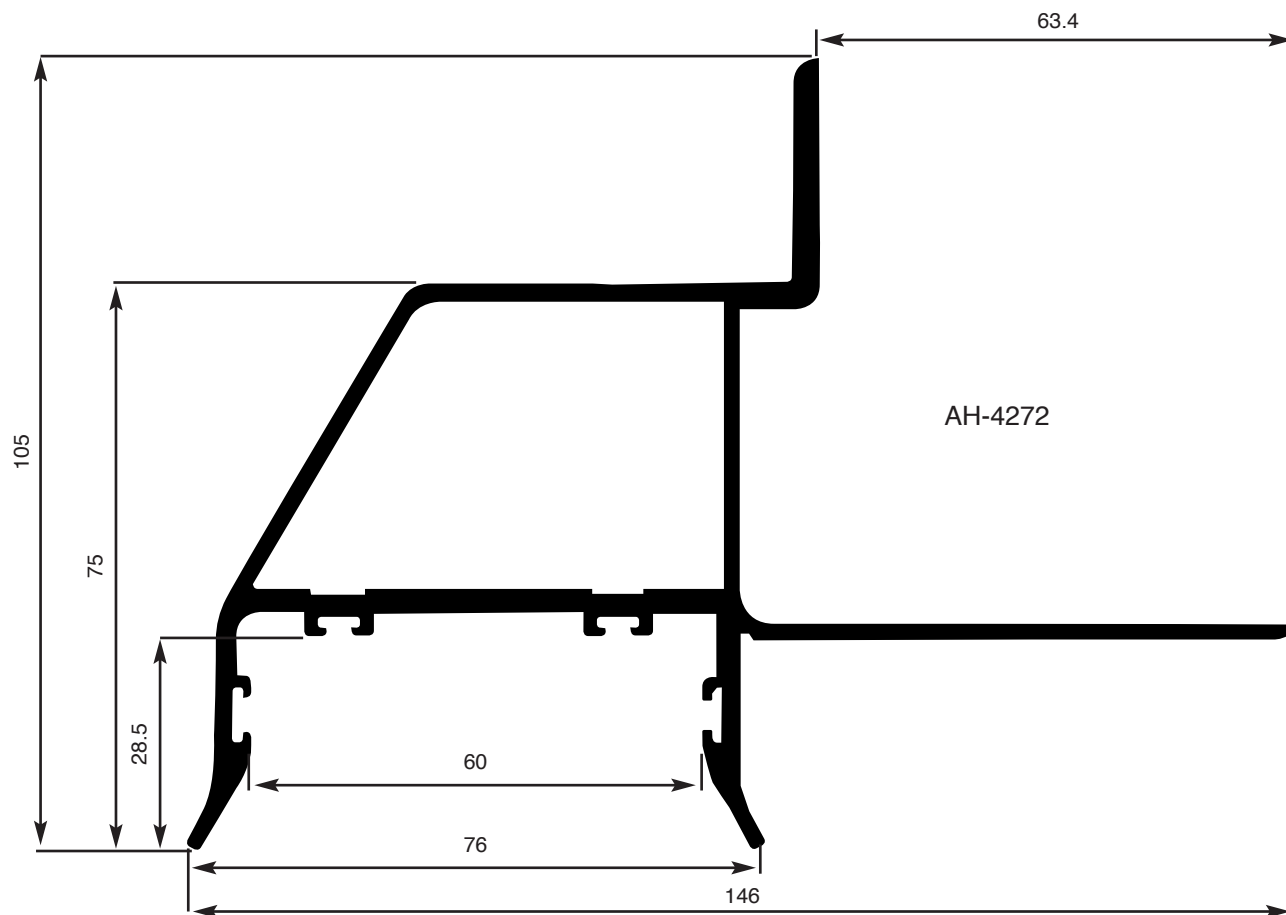
AH-31356

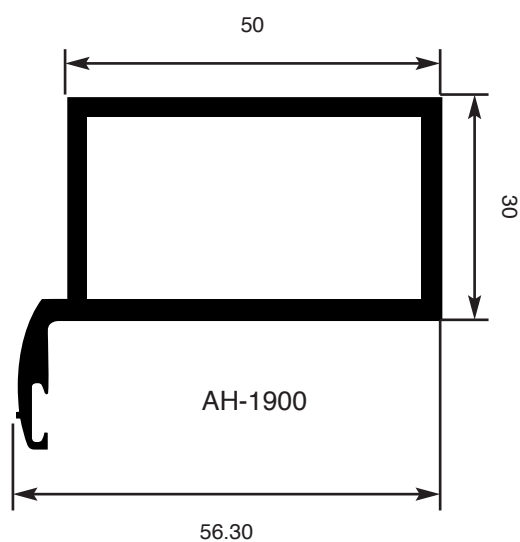
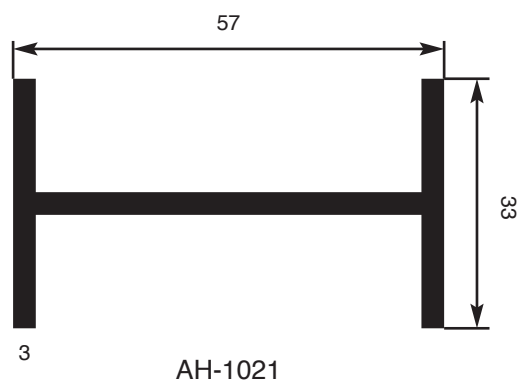
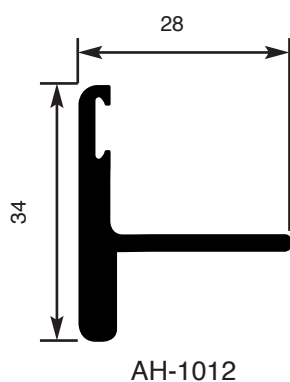
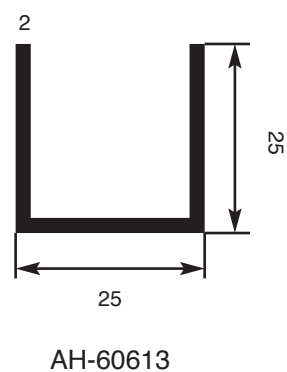
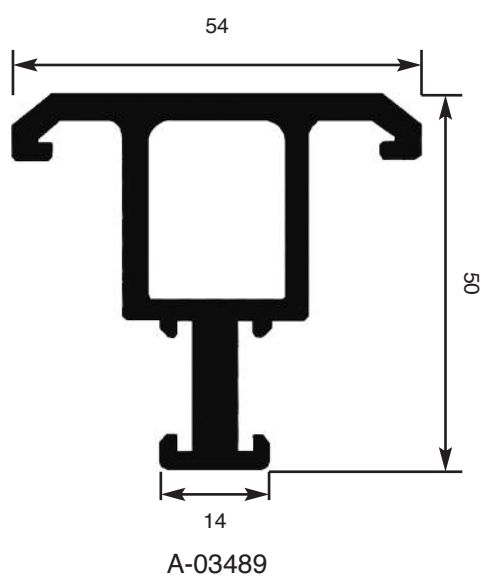


AH-70690

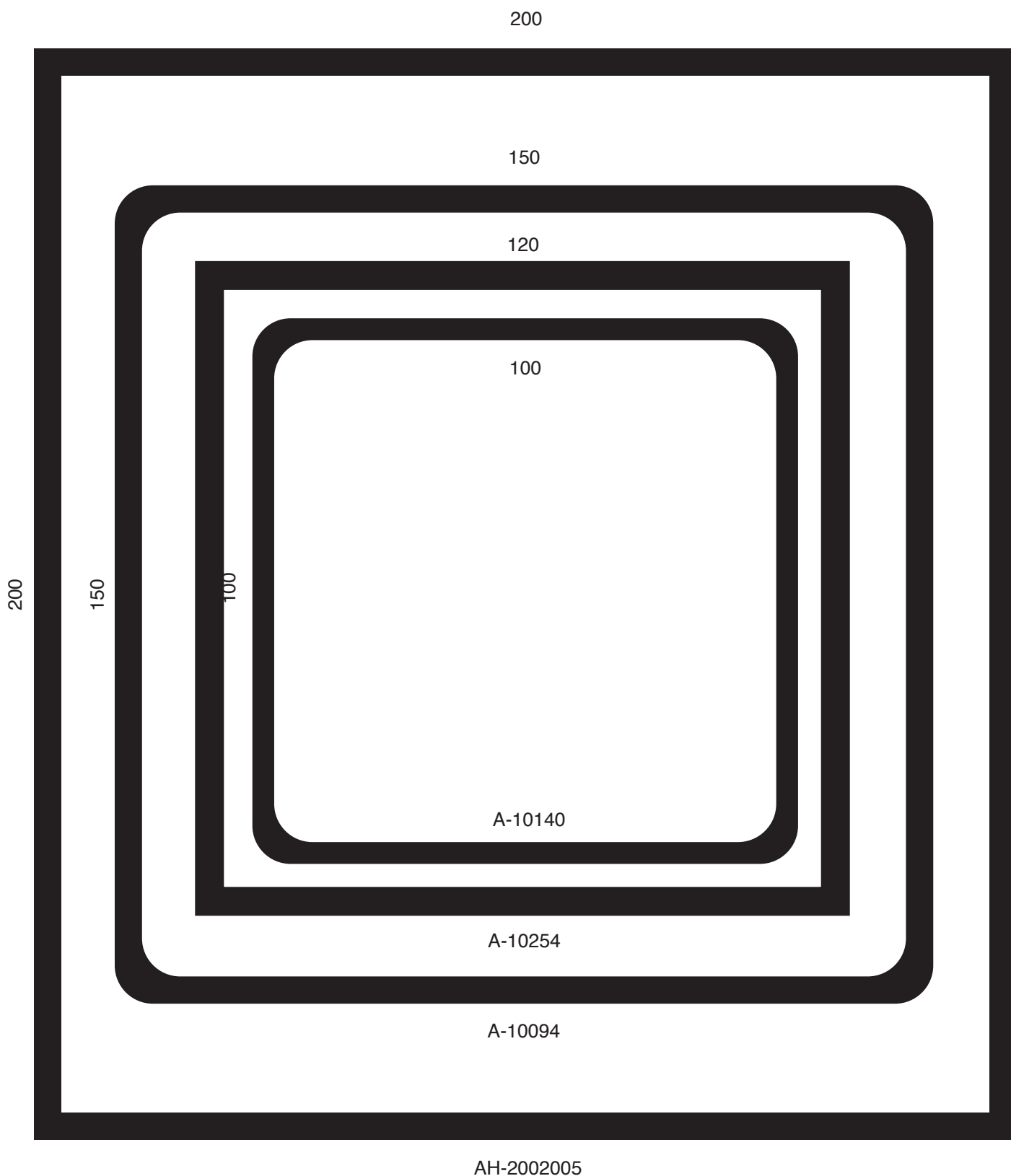


AH-1004

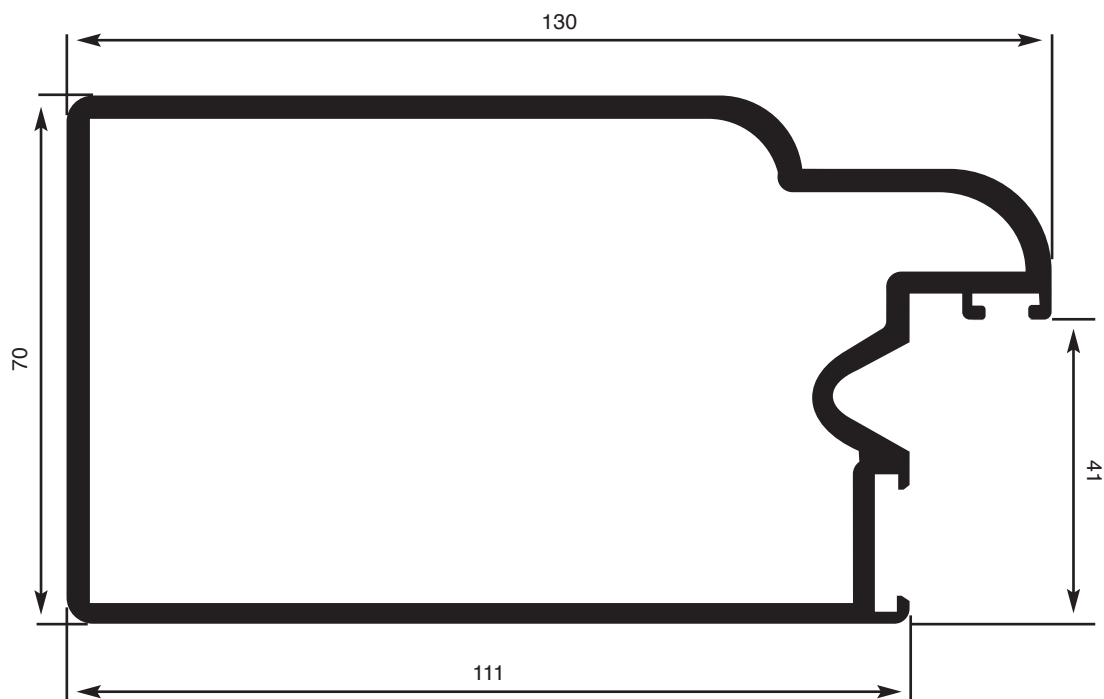




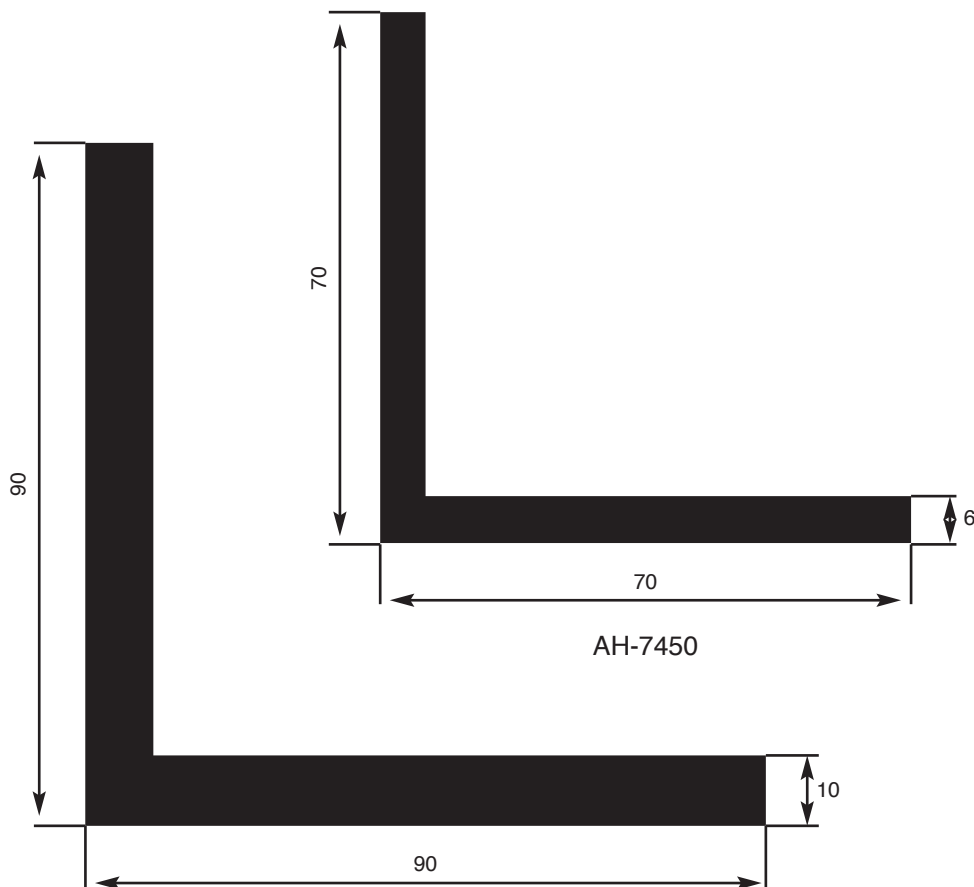
SERIE PJ-50 PORTALES - PORTÕES



SERIE PJ-50 PORTALES - PORTÕES

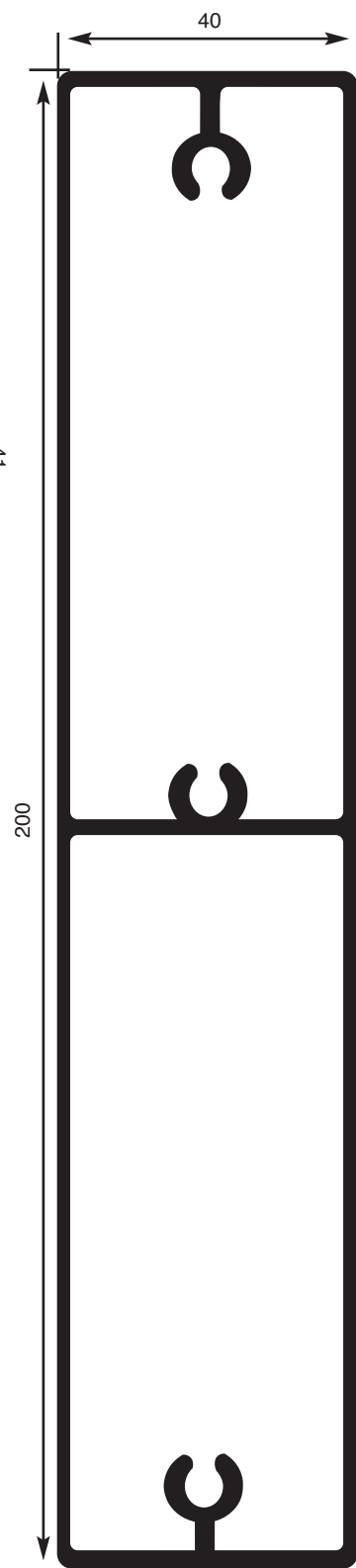


AH-3926



AH-7450

AH-4280

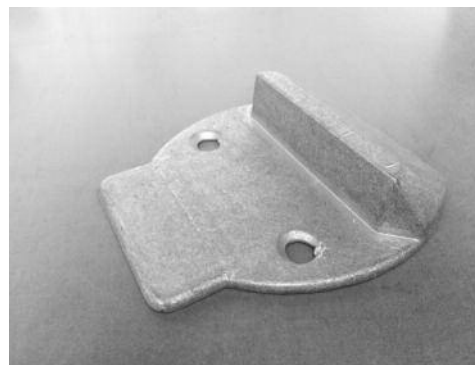


A-4590

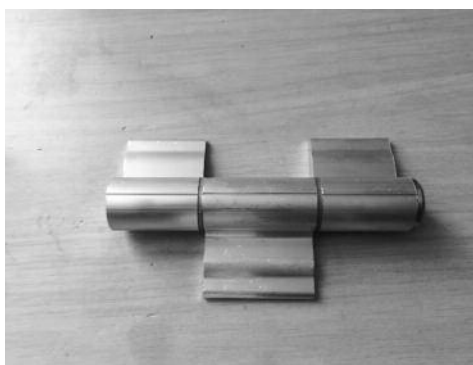
SERIE P.J. - 50 PORTALES - ACCESORIOS



AH-831
Batiente inferior portal



AH-830
Batiente inferior portal para pasador



AHB-NOVA
Bisagra portal 3 palas bruto-inox



AH-TGPC
Tope guía portal corredera



AH-RO80 R/20 INOX
Roldana Inox 80/35
AH-RO100 R/20 INOX
Roldana Inox 100/35



AH-RO80 R/20 Nylon-INOX 80x35
AH-RO100 R/20 Nylon-INOX 100x35

SERIE P.J. - 50 PORTALES - ACCESORIOS



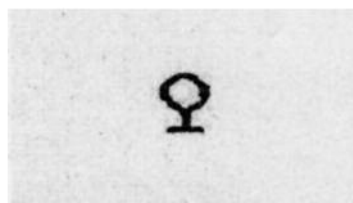
ROD. GUIA. ALUM. P
Rodillo Guía Aluminio Pequeño



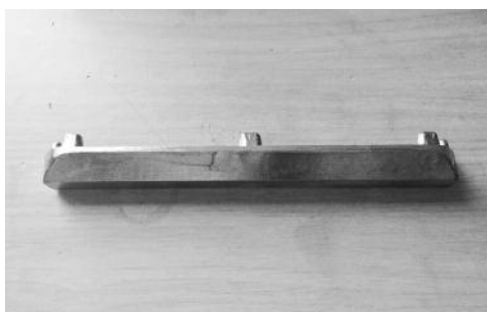
ROD. GUÍA. ALUM. G.
Rodillo Guía Aluminio Grande



E-305/4
Goma batiente



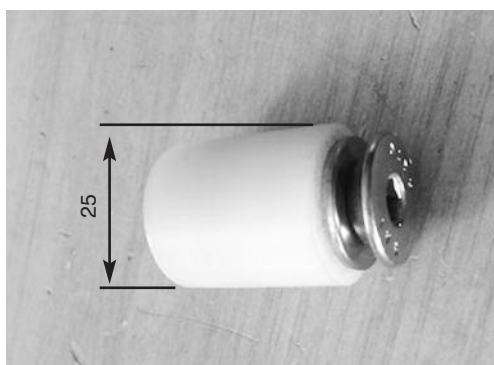
E-32/4.1
Goma tubular



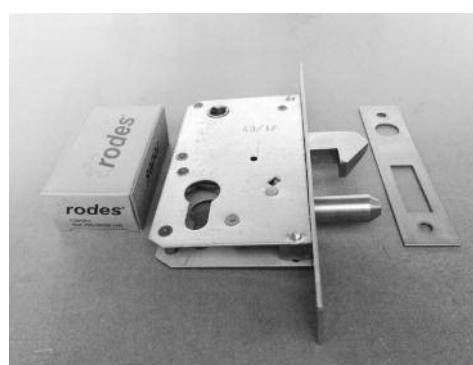
TPA-5826
Tapa perfil Lama Tablón A-05826



E-765
Goma perfil AH-6900

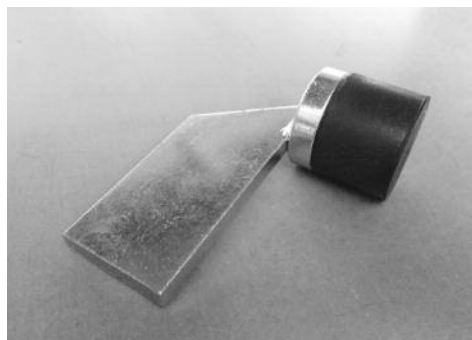


AH-RO Nylon con casquillo Inox



AH-990 x 50
Cerradura Rodes 990 x 50 Inox

SERIE P.J. - 50 PORTALES - ACCESORIOS



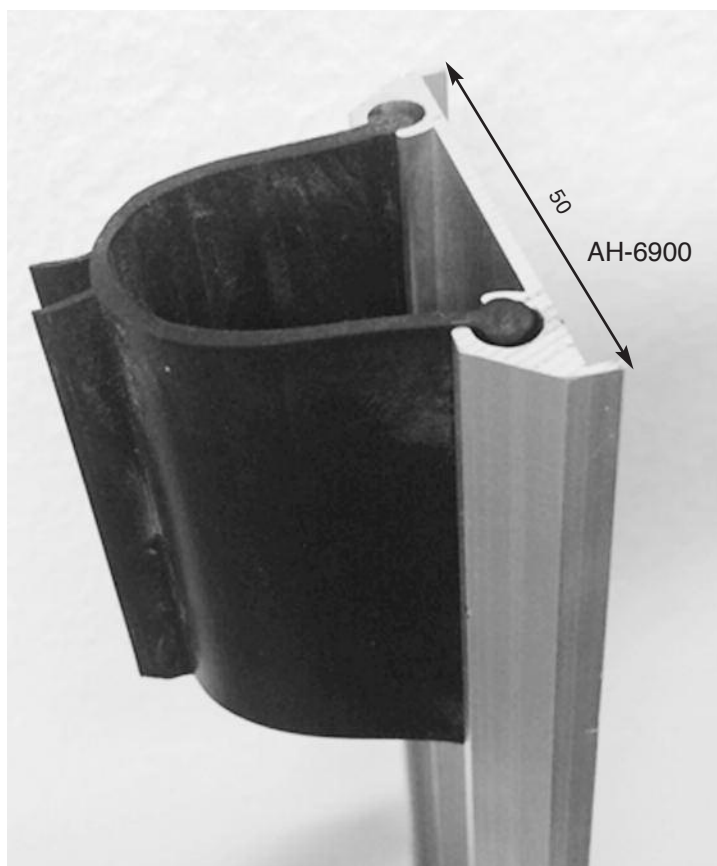
AH-600223
Tope Portal Corredera 110 x 50 x 8 Zinc



AH-868



AH-G91350 BRUTO
Pasador G-91 350 mm Bruto

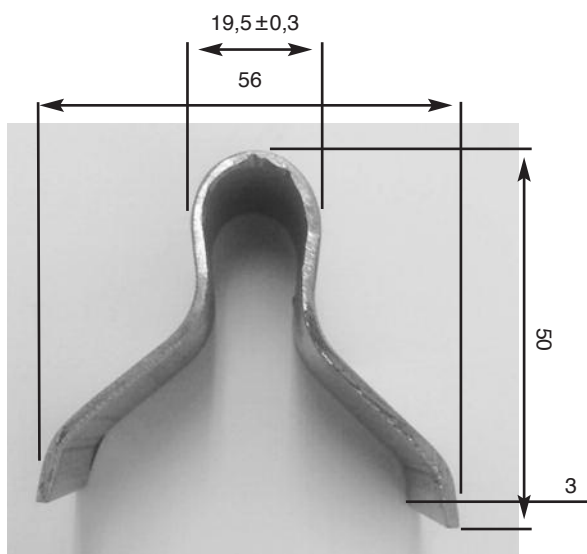


E-592
Goma perfil AH-6900



Conjunto Pivotes INOX 40 mm.

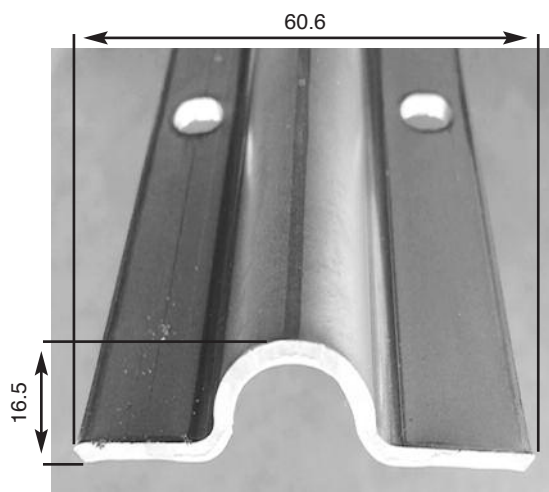
SERIE P.J. - 50 PORTALES - ACCESORIOS



AH-4259 INOX



Rodillo Nylon/Inox
AH-RNT/INOX
25-30-32-35



AH-4267 Aluminio
AH-902 INOX
AH-903 Galva

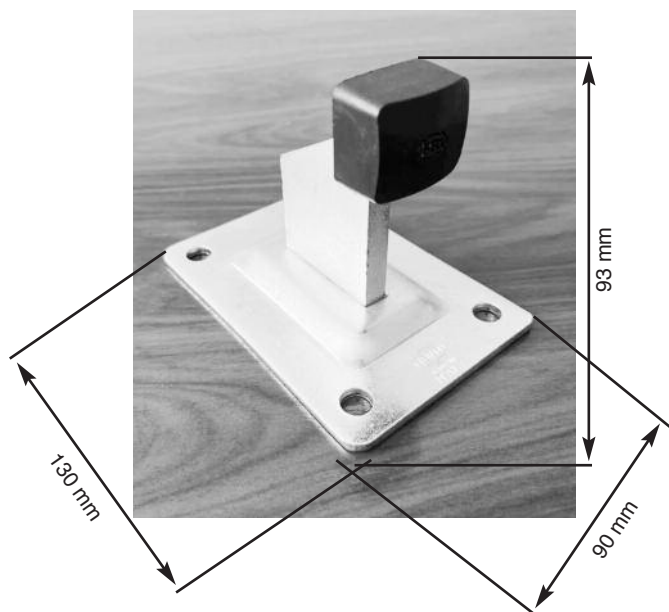


E-232

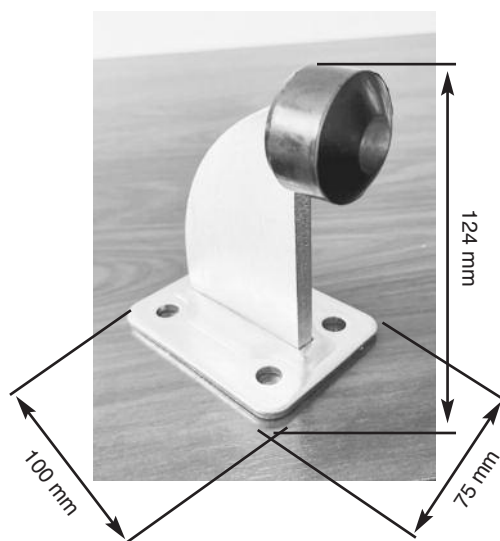


E-231

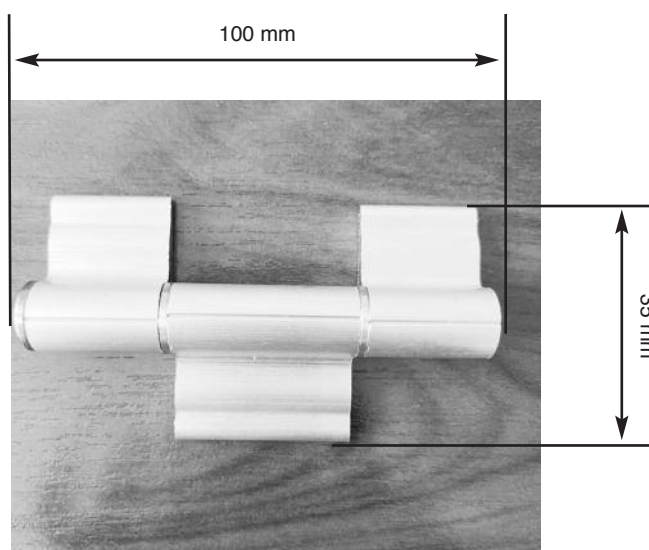
SERIE P.J. - 50 PORTALES - ACCESORIOS



AH-476

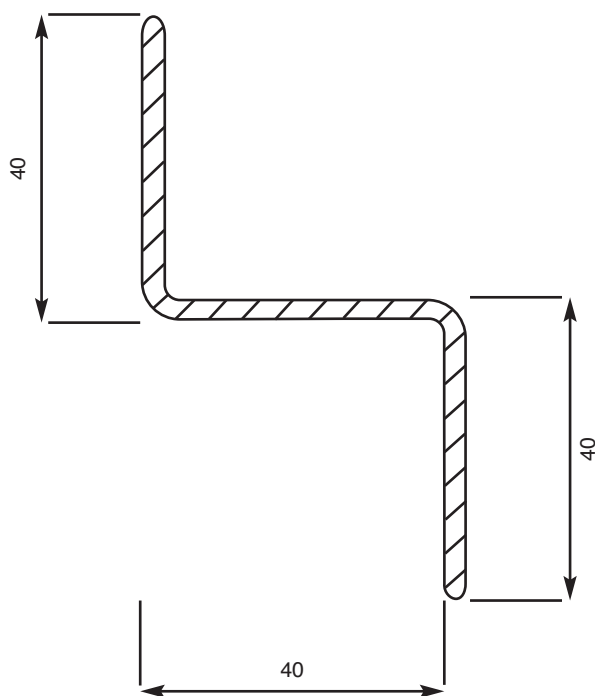


AH-477



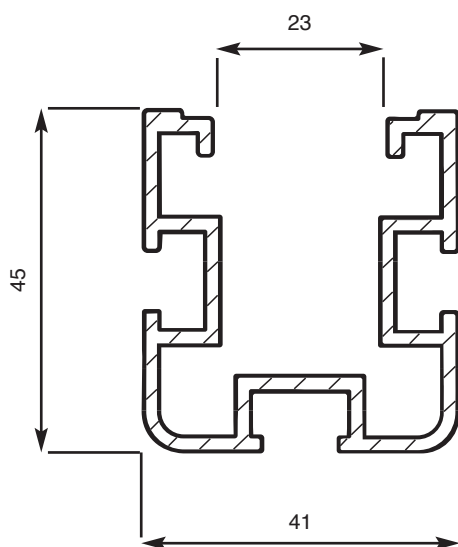
AHB-NOVA P

PERFILES ESPECIALES



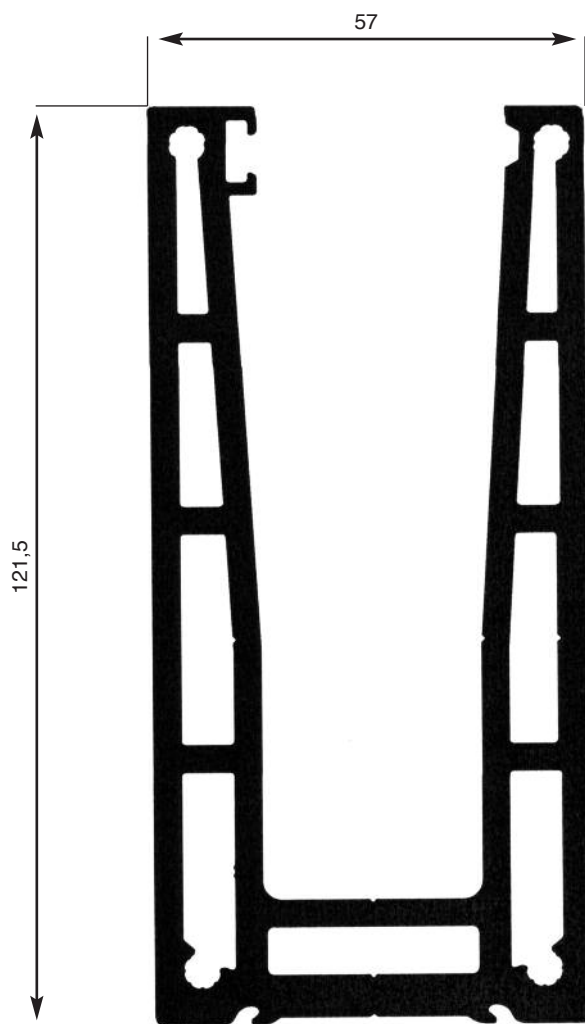
AH-7714

Perfil remate chimeneas



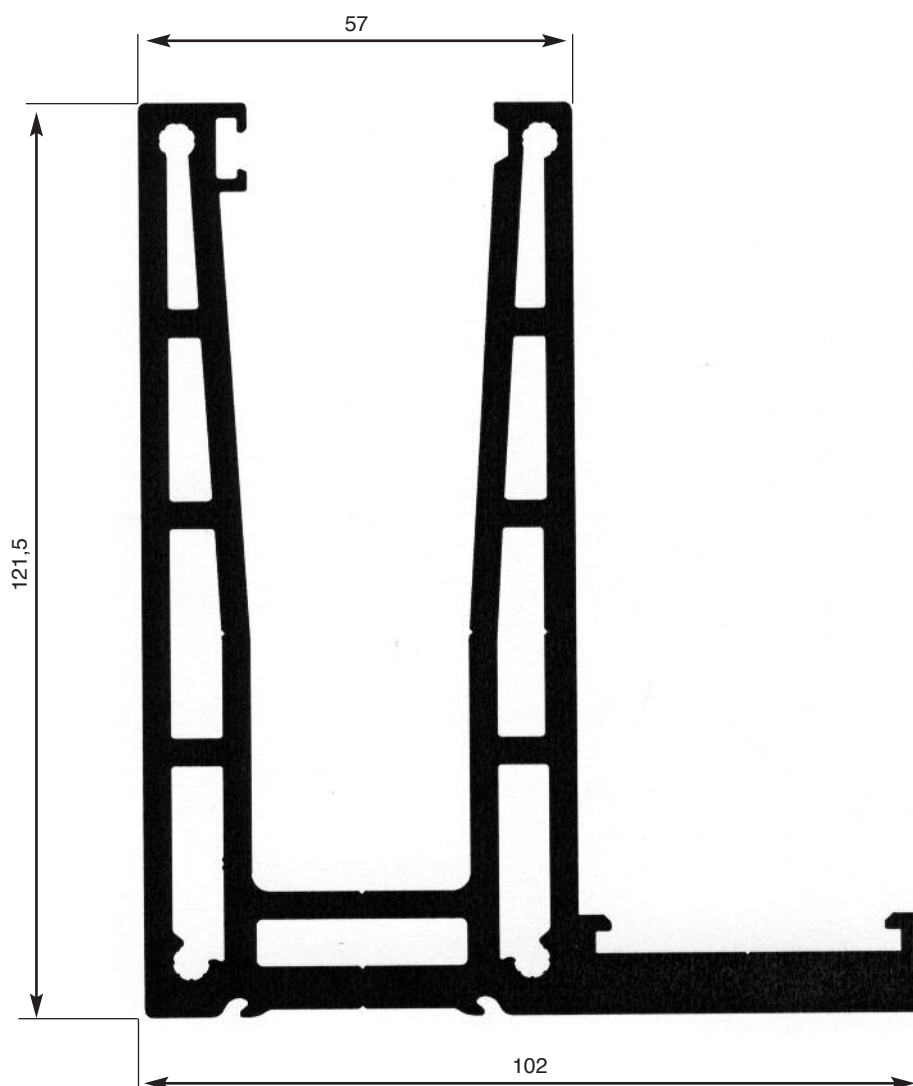
AH-7638

Perfil paneles solares

BARANDILLA VIDRIO / VARANDA VIDRO

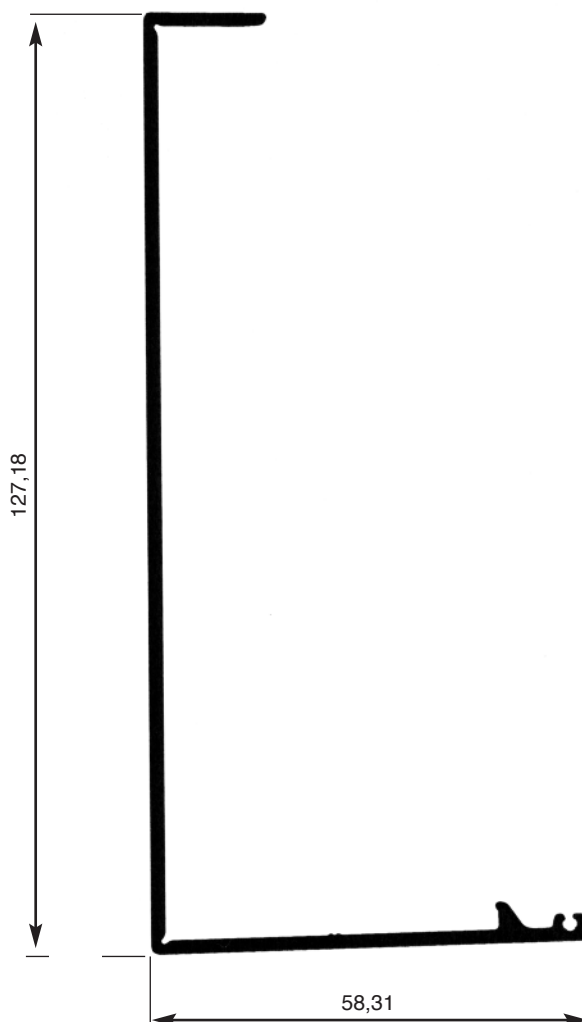
AH-9580

BARANDILLA VIDRIO / VARANDA VIDRO

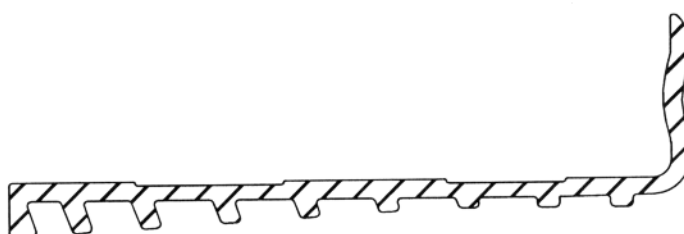


AH-9581

BARANDILLA VIDRIO / VARANDA VIDRO

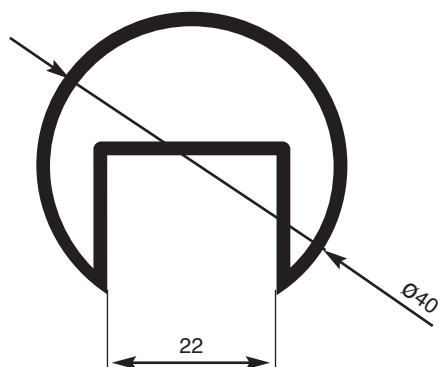


AH-9582

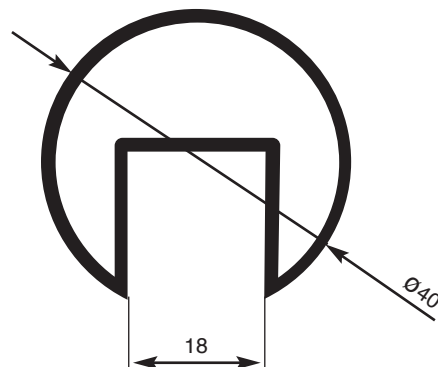


AH-9585

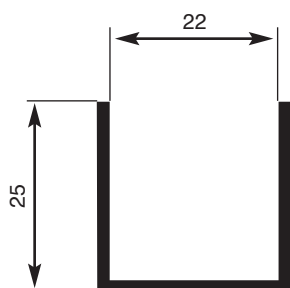
BARANDILLA VIDRIO / VARANDA VIDRO



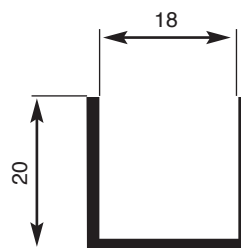
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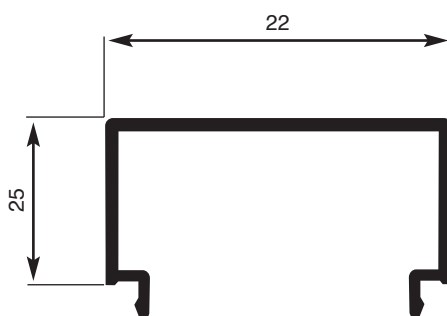
AH-9587



A-9588

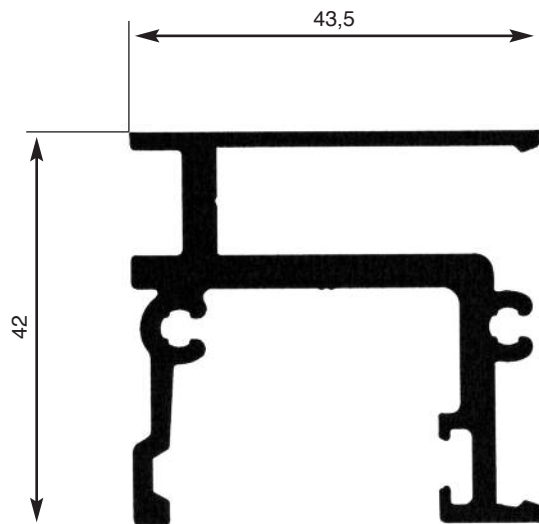


A-9589

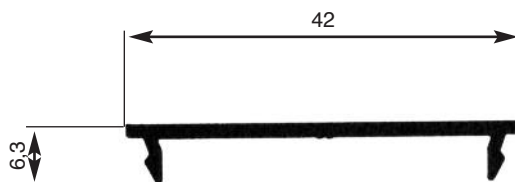


AH-9583

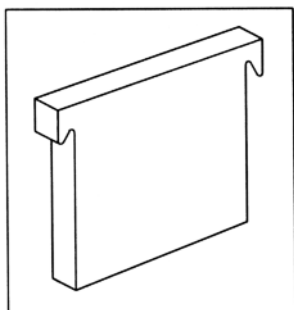
BARANDILLA VIDRIO / VARANDA VIDRO



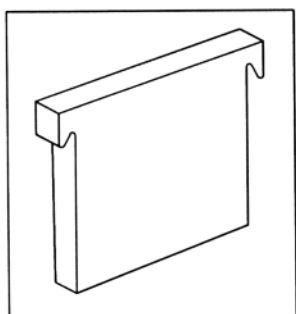
AH-9590



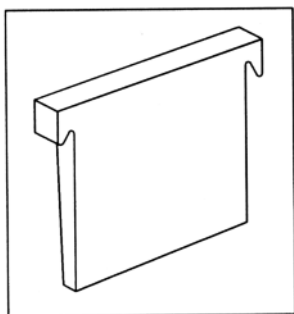
AH-9591

BARANDILLA VIDRIO / VARANDA VIDRO

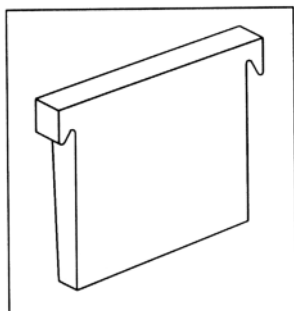
Cuña de Vidrio 16,38
REF. AH-299995



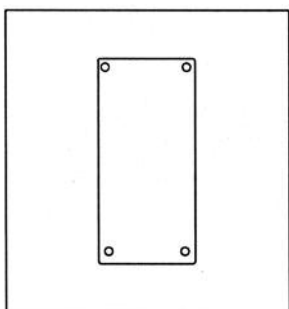
Cuña de Vidrio 17,52
REF. AH-299994



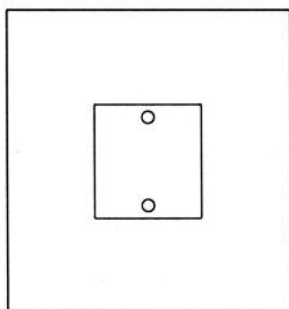
Cuña de Vidrio 20,38
REF. AH-299997



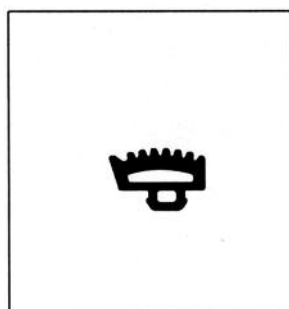
Cuña de Vidrio 21,52
REF. AH-299993

BARANDILLA VIDRIO / VARANDA VIDRO

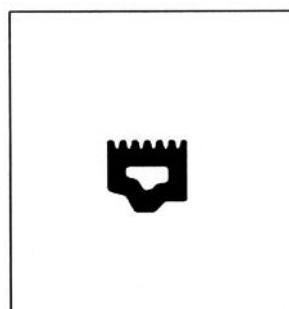
Tapa Remate Lateral
REF. AH-260105



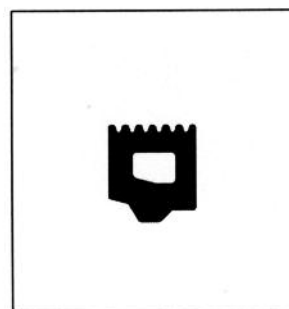
Tapa Barandilla Superpuesta
REF. AH-260106



Junta Exterior 8012
REF. AH-241128

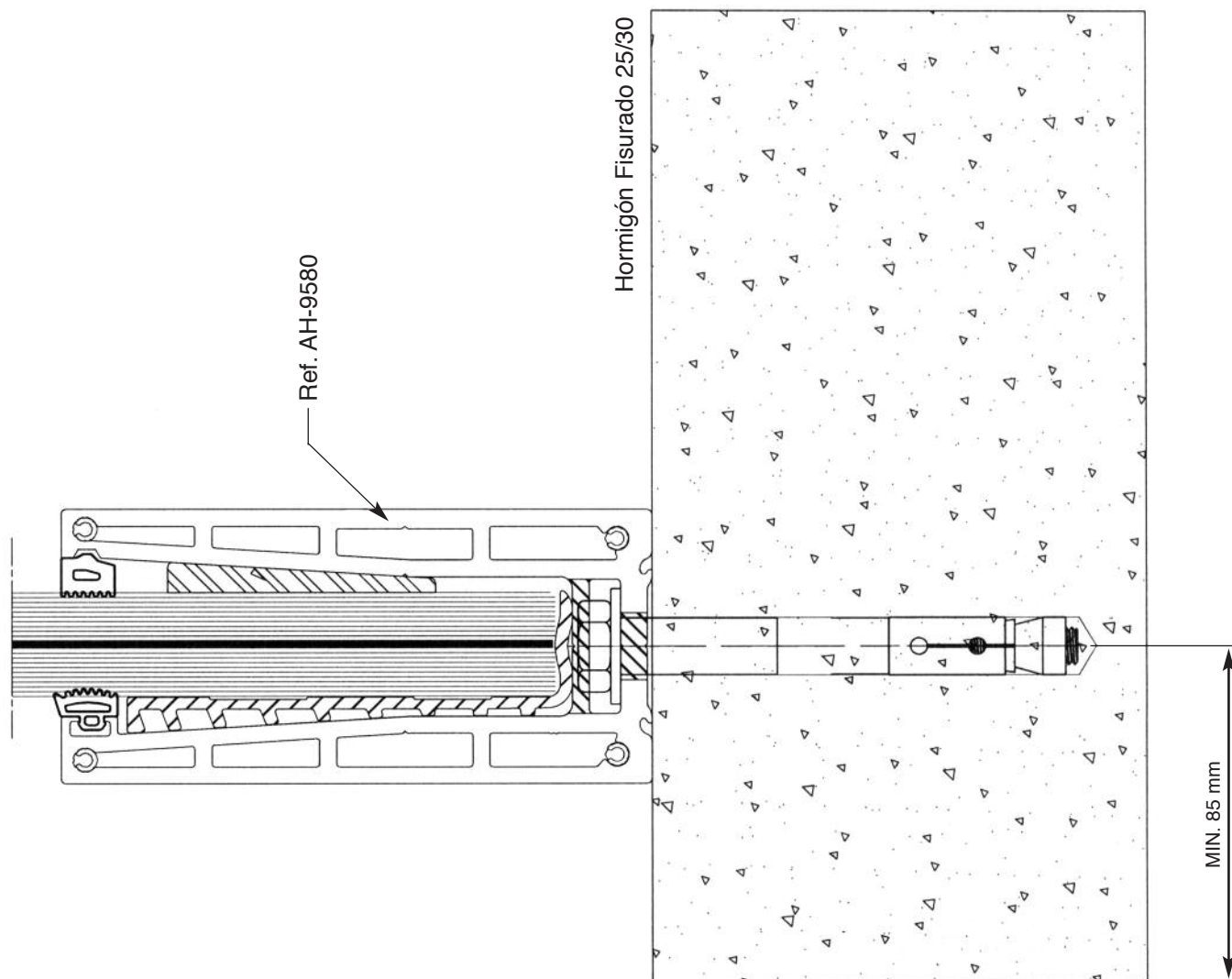


Junta Exterior cuña 8 mm.
REF. AH-242121

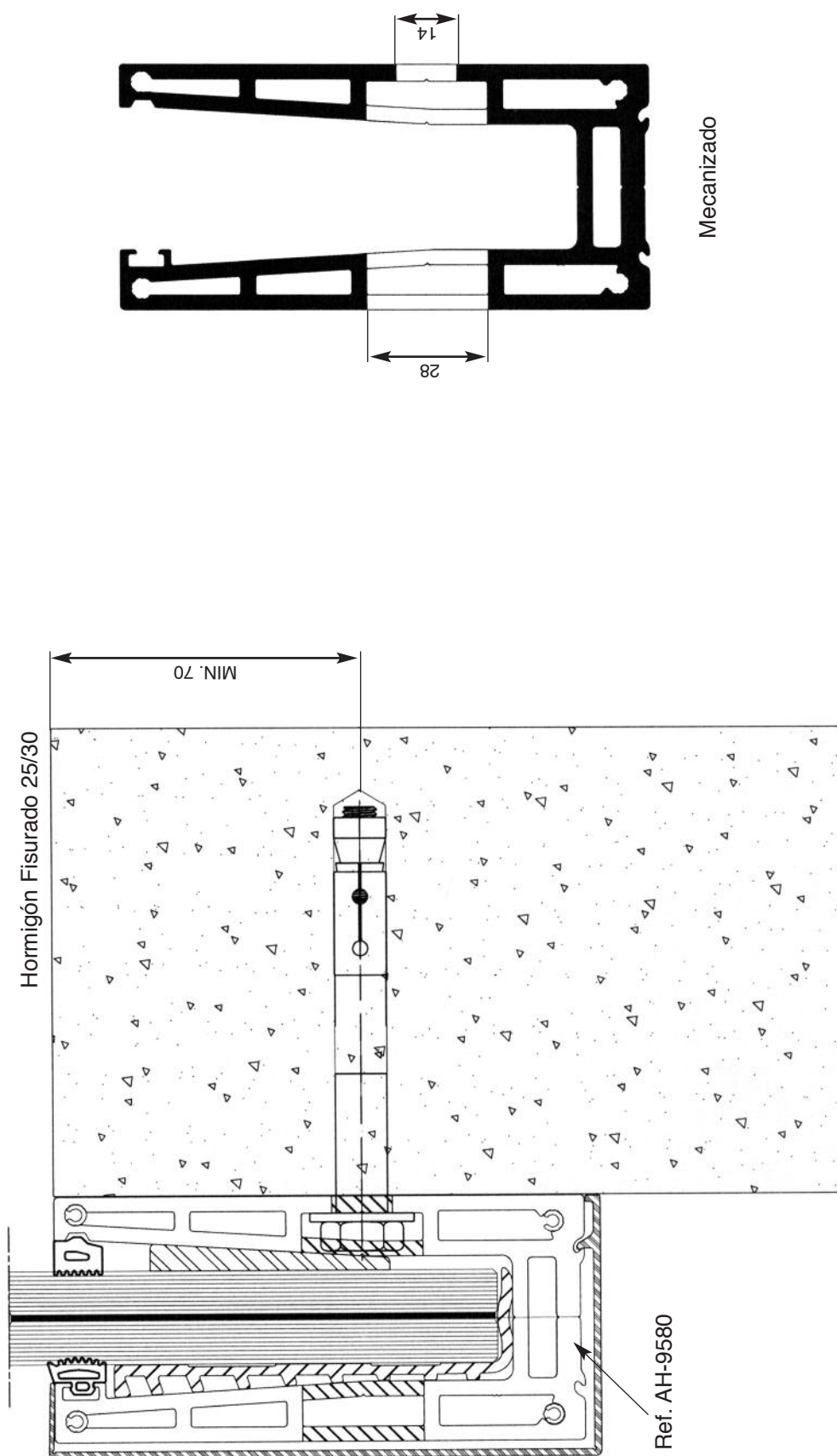


Junta Exterior cuña 12 mm.
REF. AH-242123

MONTAJE / MONTAGEM

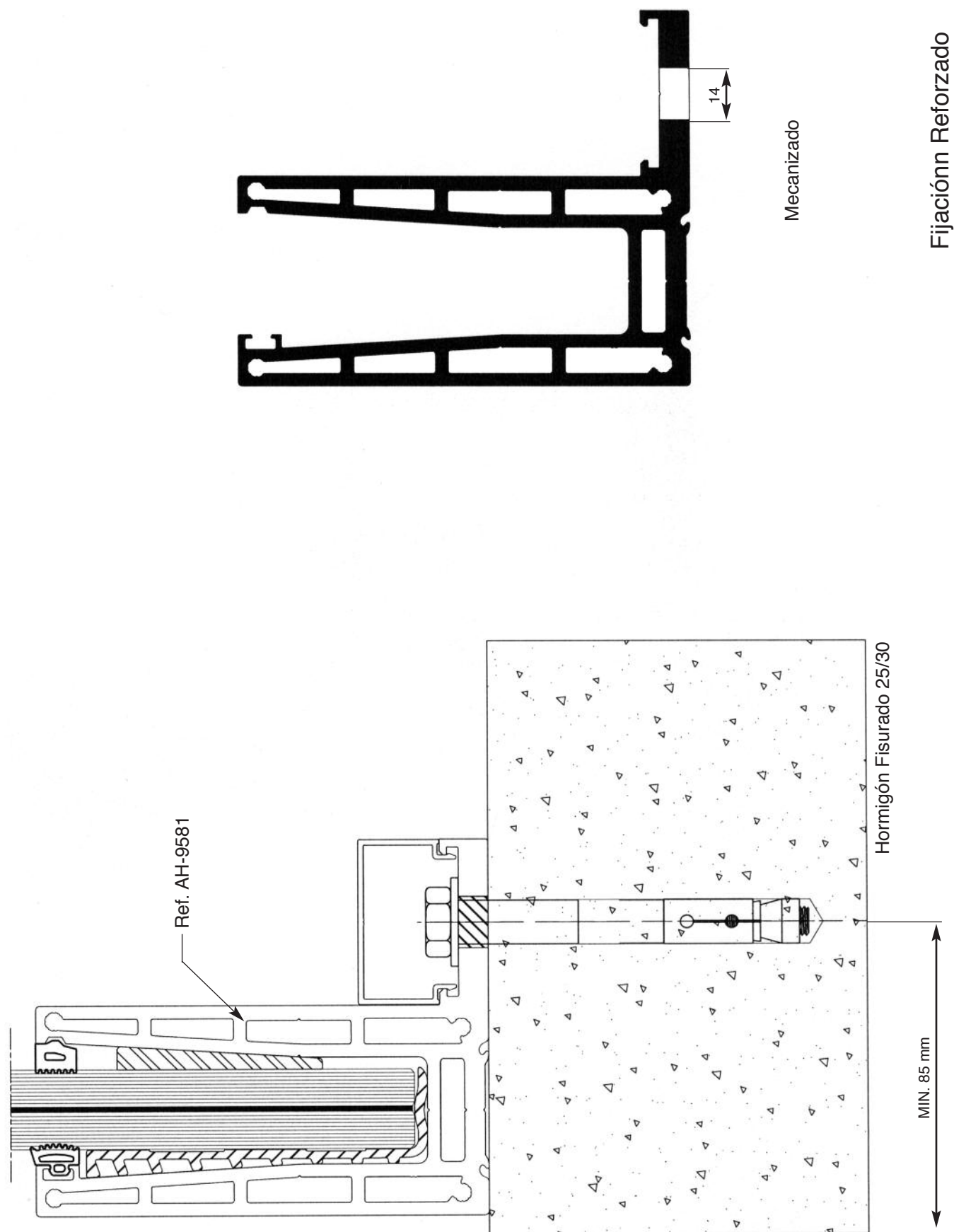


MONTAJE / MONTAGEM

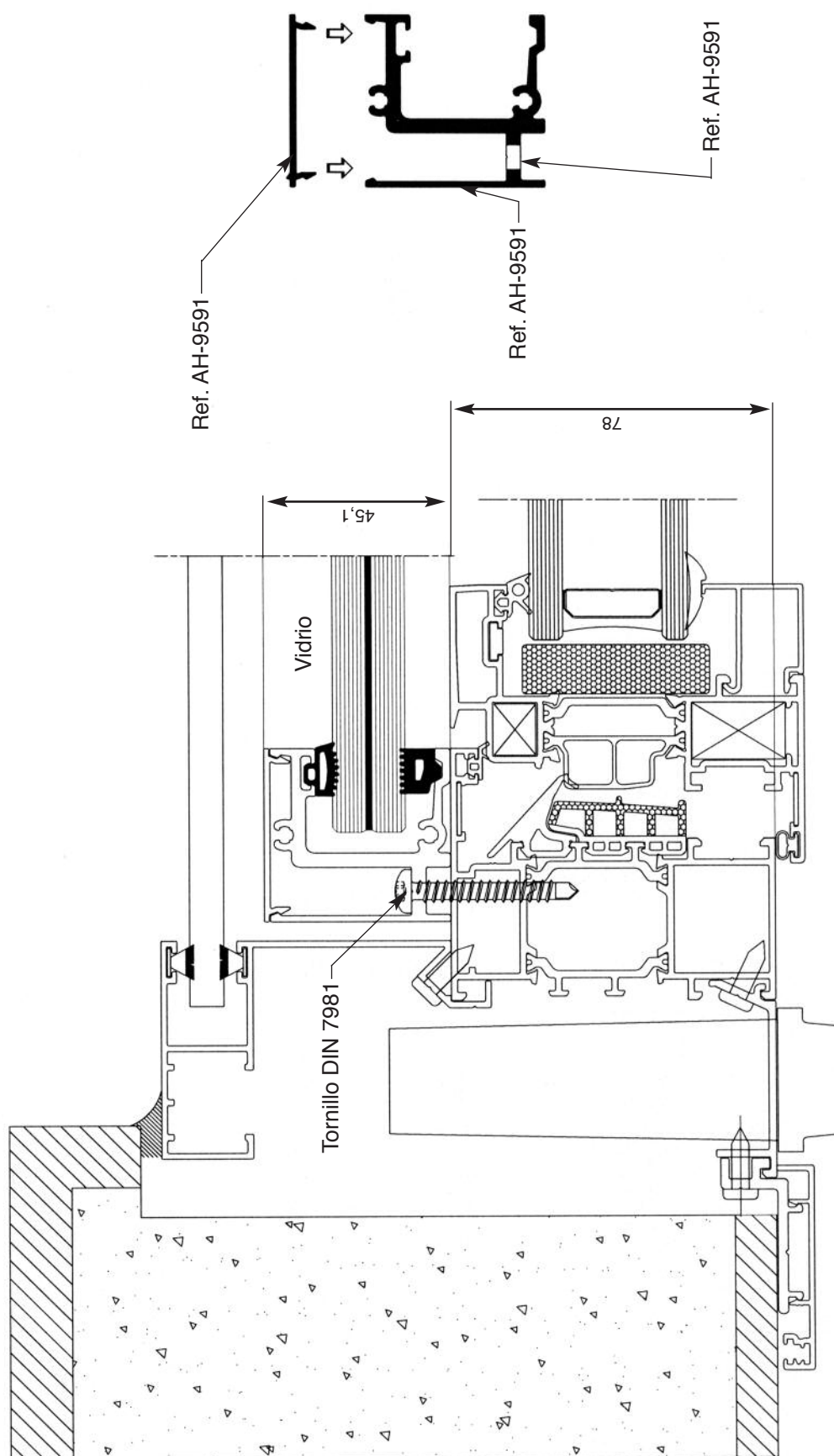


Fijación Lateral

MONTAJE / MONTAGEM



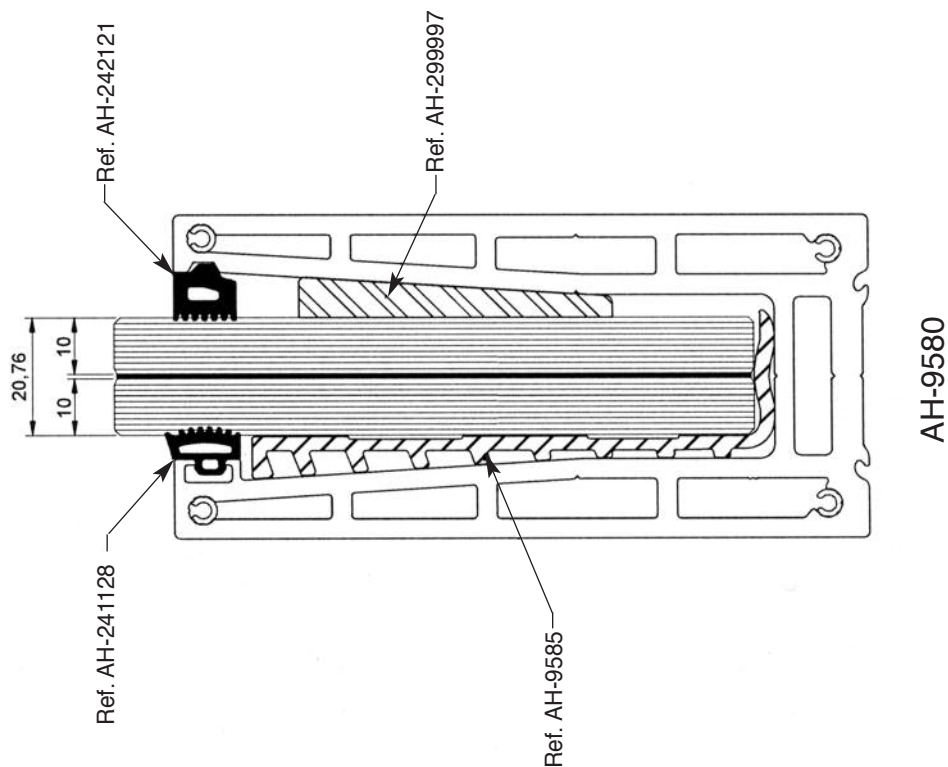
MONTAJE / MONTAGEM



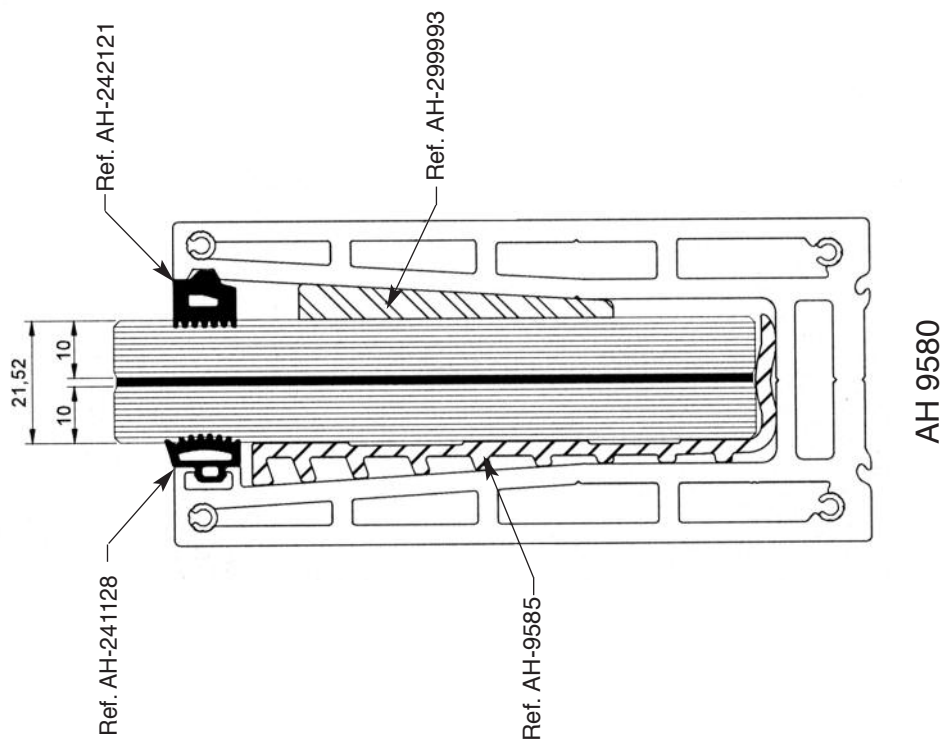
Barandilla Superpuesta

ACRISTALAMIENTO

Vidrio visto 10+10.2



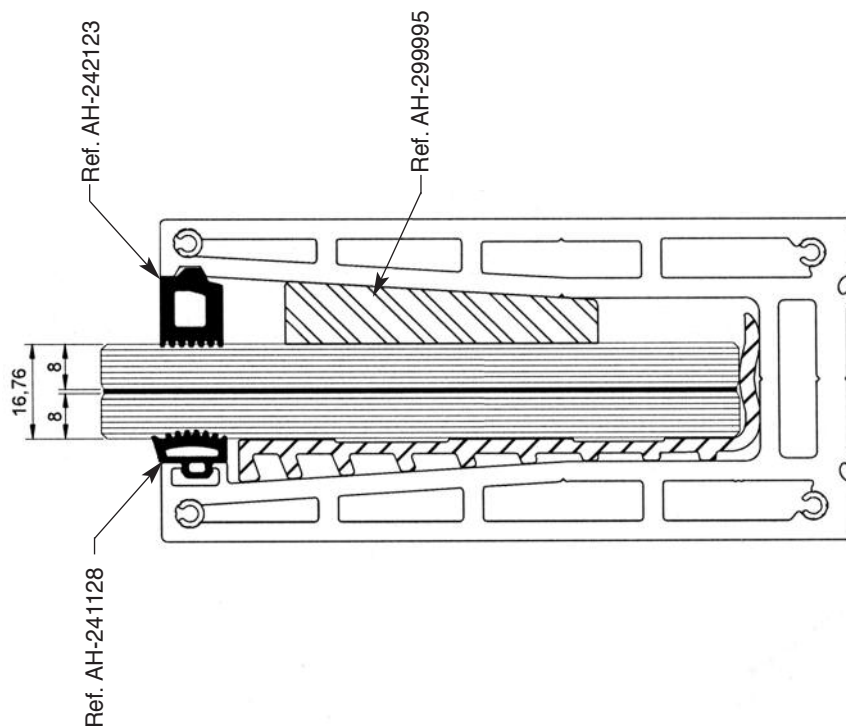
Vidrio visto 10+10.4



Acristalamiento

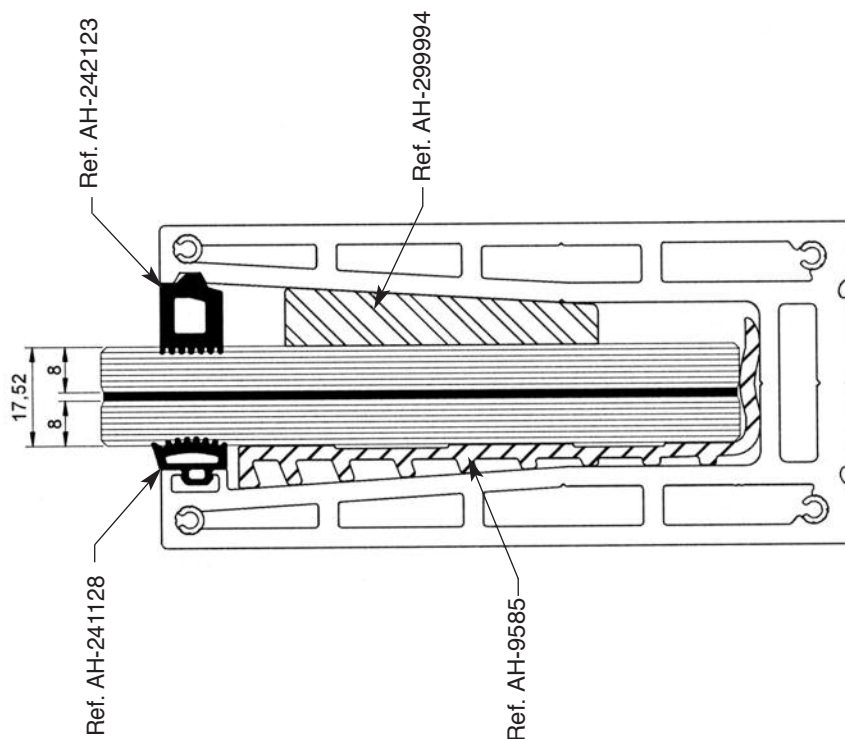
ACRISTALAMIENTO

Vidrio visto 8+8.2



AH-9580

Vidrio visto 8+8.4

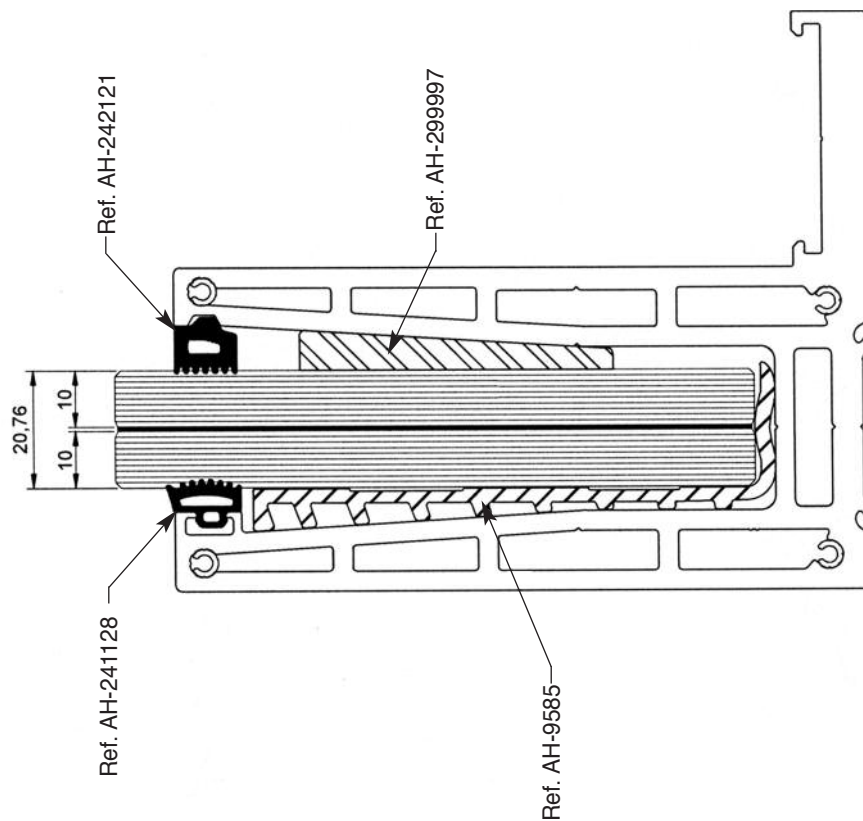


AH-9580

Acristalamiento

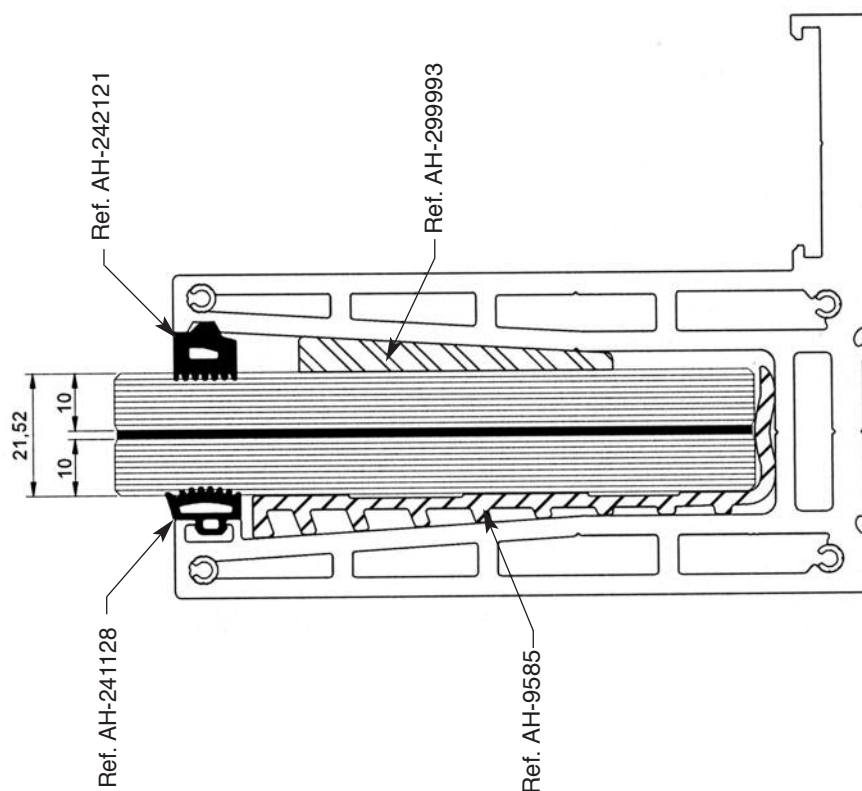
ACRISTALAMIENTO

Vidrio visto 10+10.2



AH-9581

Vidrio visto 8+8.4

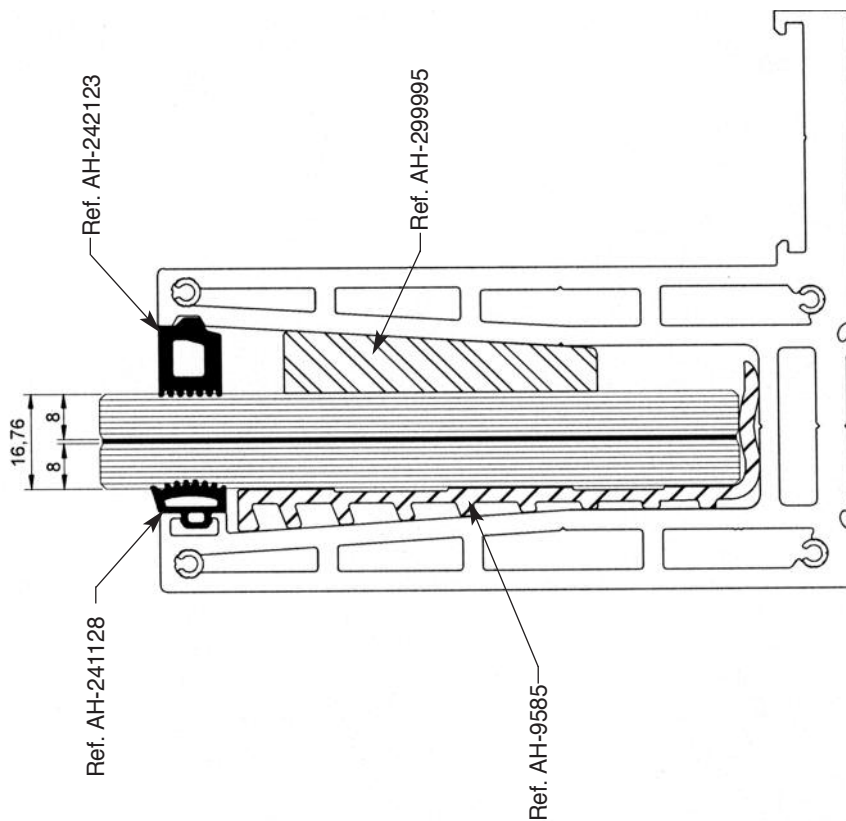


AH 9581

Acristalamiento

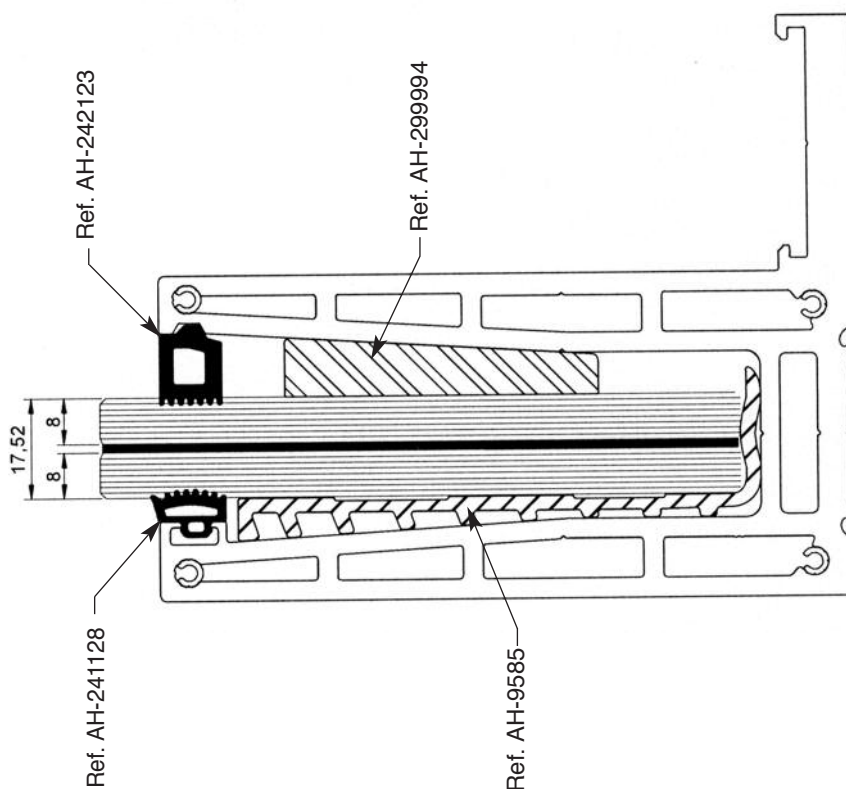
ACRISTALAMIENTO

Vidrio visto 8+8.2



AH-9581

Vidrio visto 8+8.4

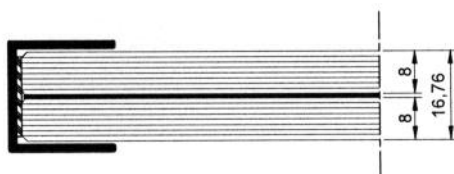


AH-9581

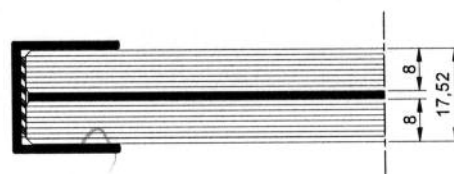
Acristalamiento

ACRISTALAMIENTO

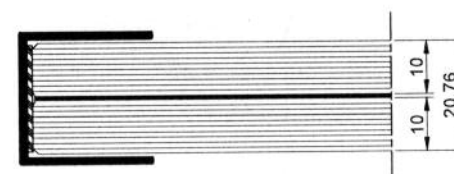
AH-NU022



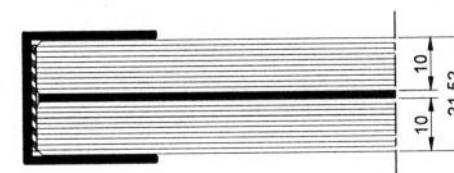
Vidrio 8+8.2



Vidrio 8+8.4



Vidrio 10+10.2



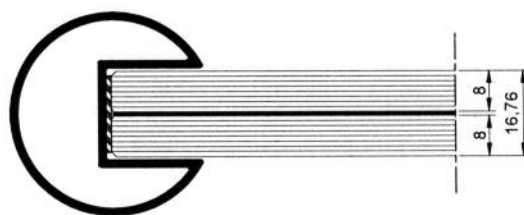
Vidrio 10+10.4

AH-NU020

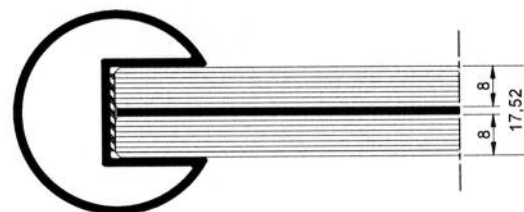
Acristalamiento con pasamanos cuadrado

ACRISTALAMIENTO

AH-9587

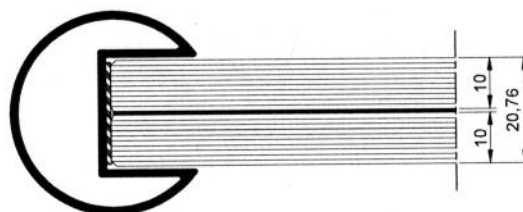


Vidrio 8+8.2

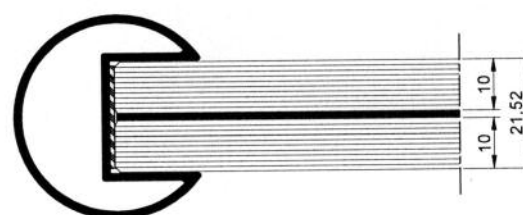


Vidrio 8+8.4

AH-9586



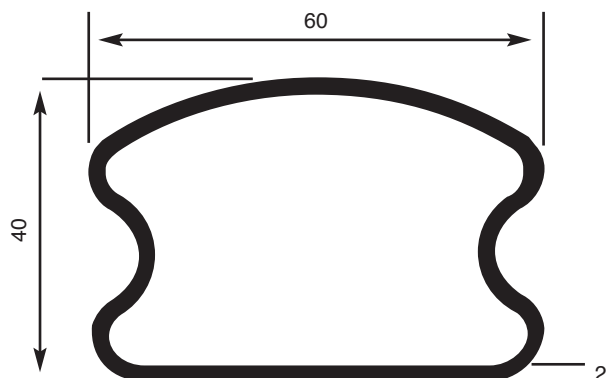
Vidrio 10+10.2



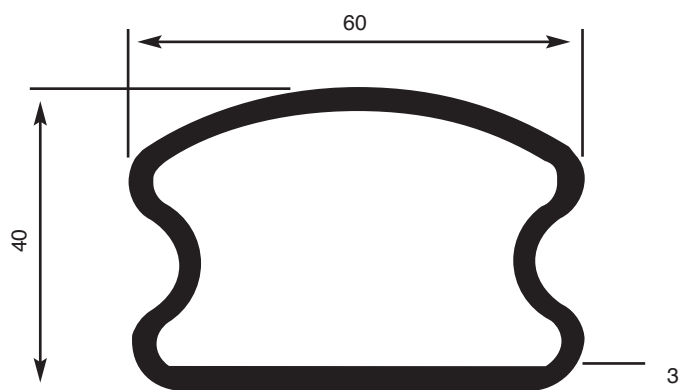
Vidrio 10+10.4

Acristalamiento con pasamanos redondo

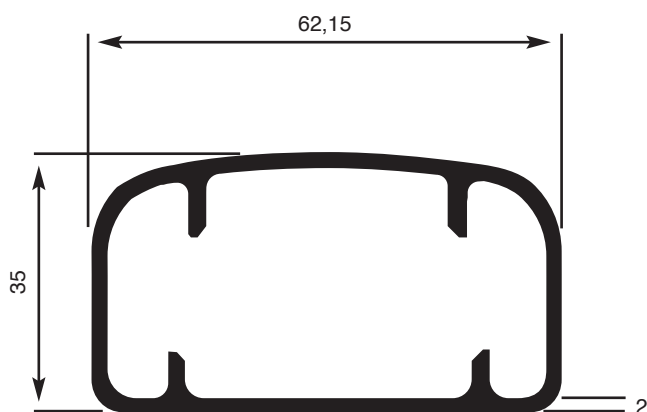
BARANDILLA - GRADEAMENTO



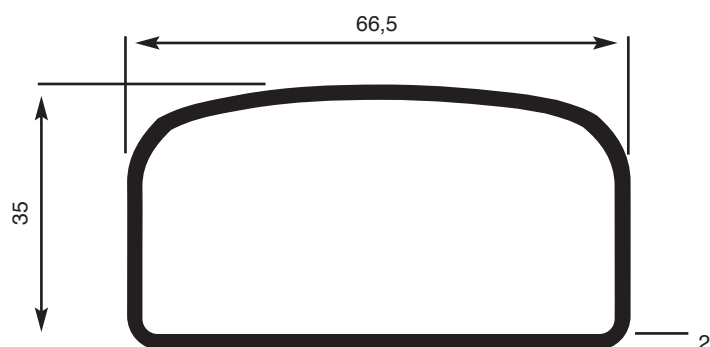
AH-658



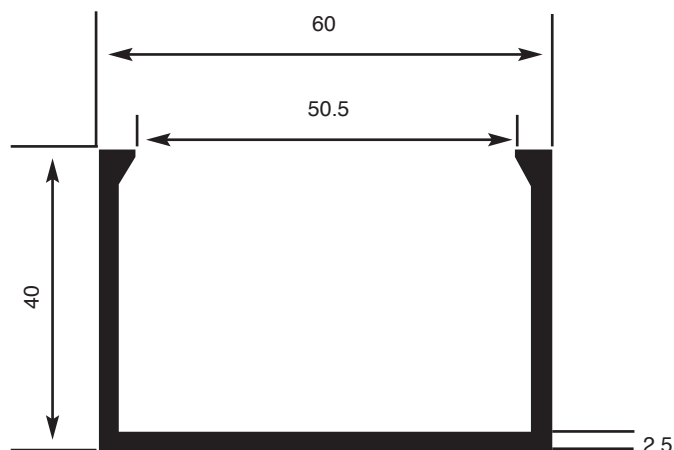
AH-00705



AH-00706

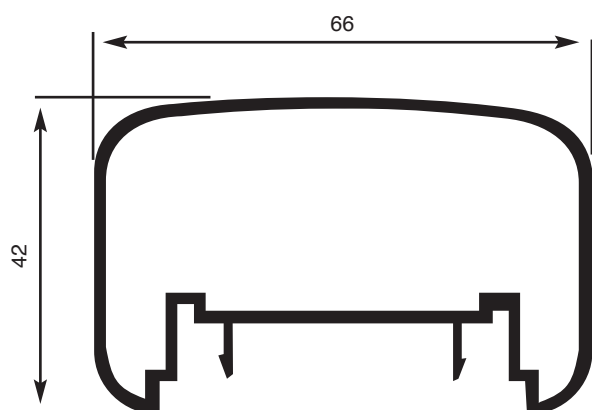


AH-657

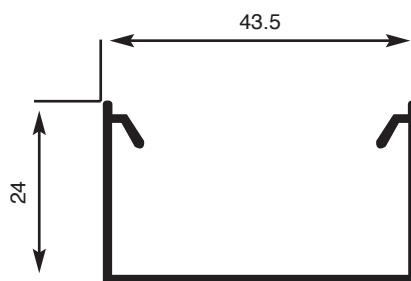


AH-7519

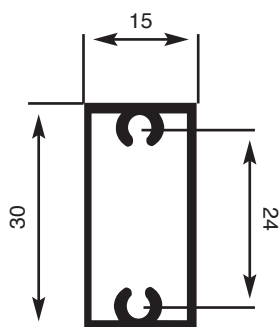
BARANDILLA - GRADEAMENTO



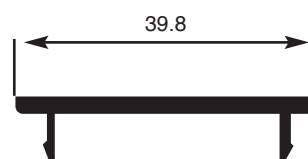
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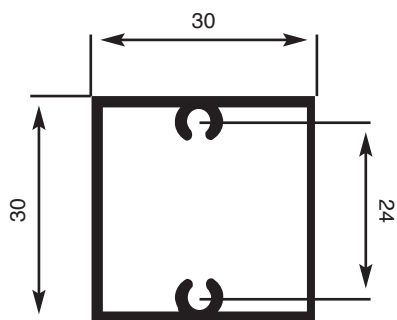
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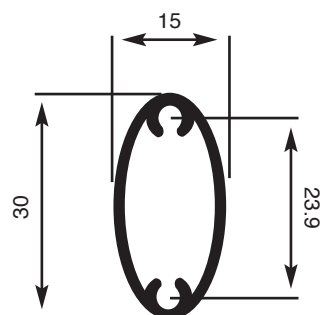
A-1656



A-01576

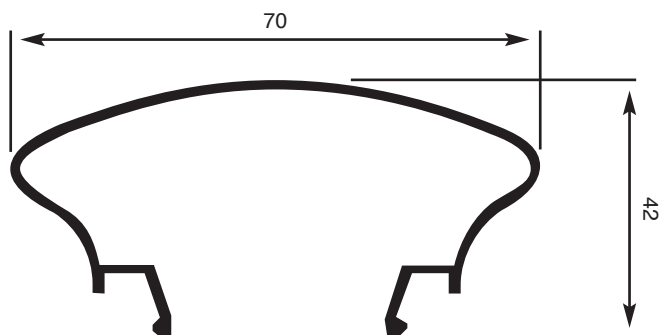


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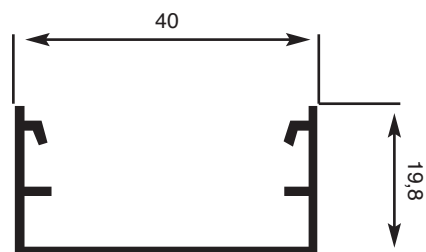


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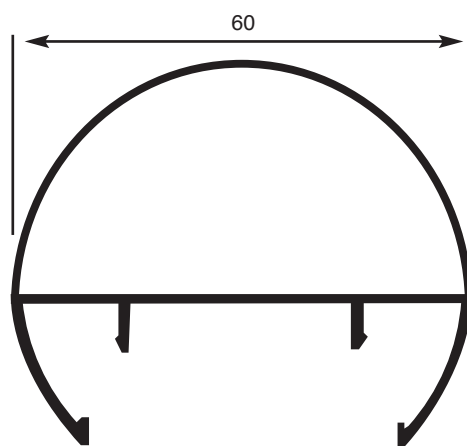
BARANDILLA - GRADEAMENTO



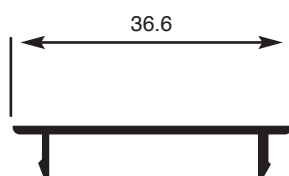
A-01959



A-01957

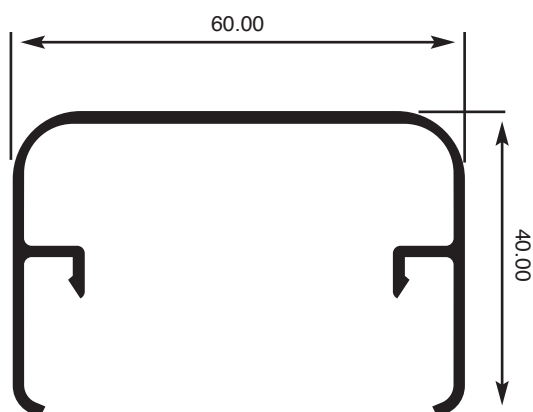


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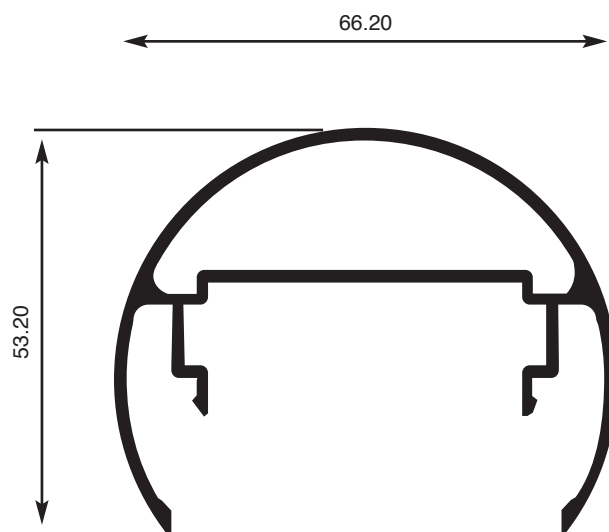


A-01958

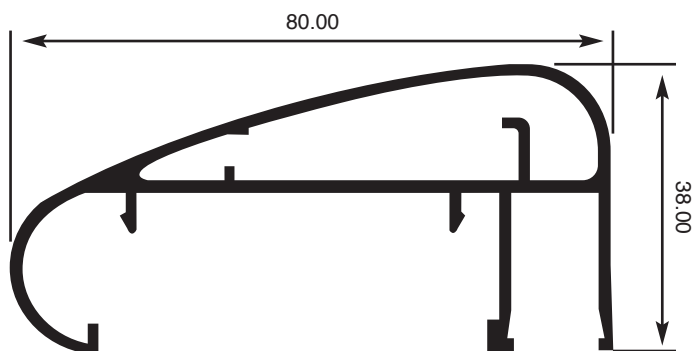
BARANDILLAS - GRADEAMENTO



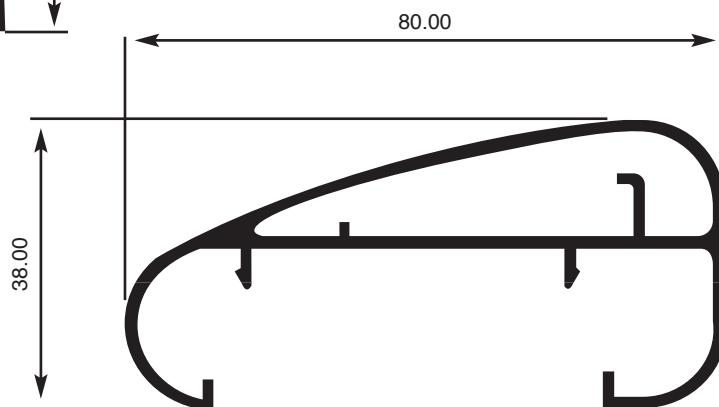
AH-3511



AH-3501

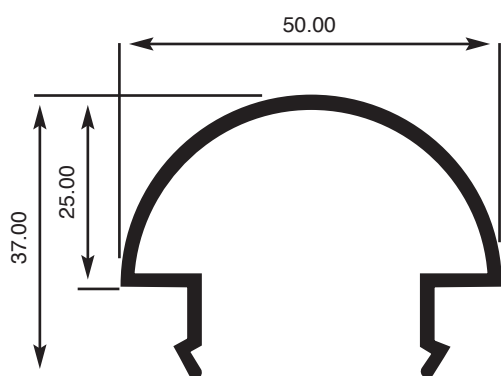


AH-3506

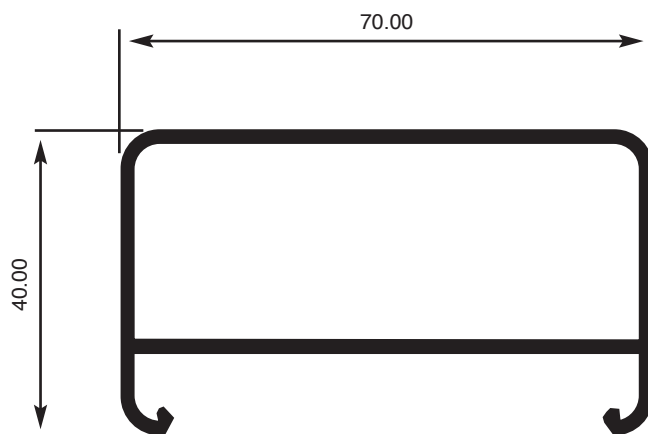


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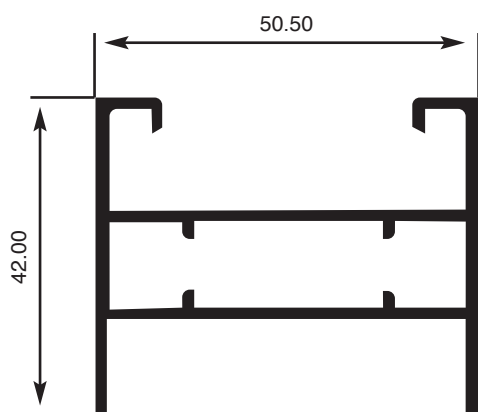
BARANDILLAS - GRADEAMENTO



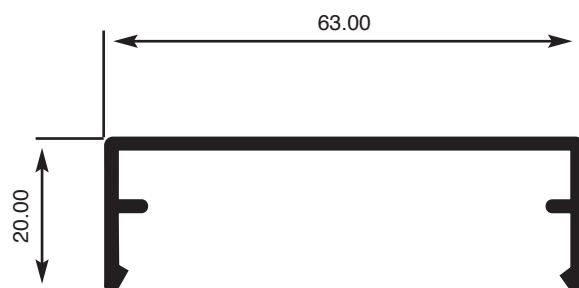
AH-5266



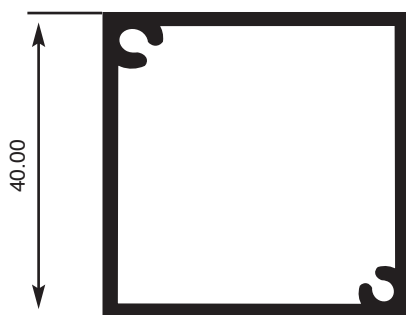
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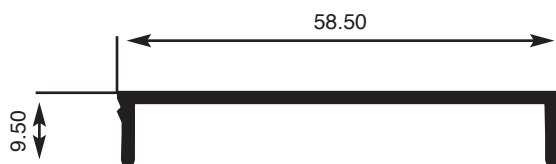
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AH-5278

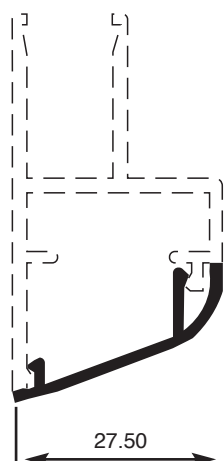
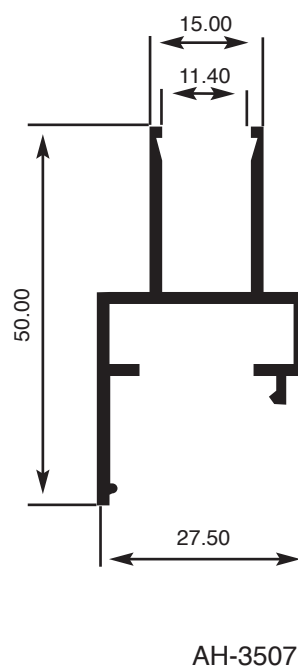
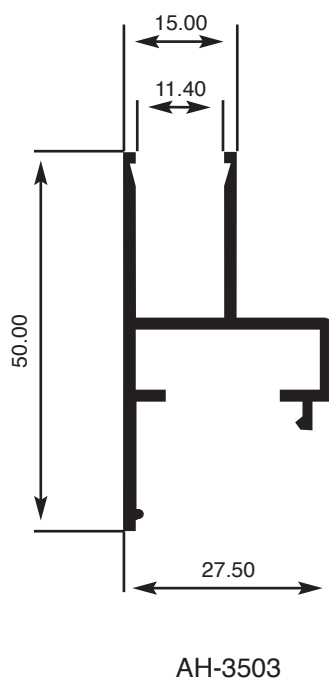
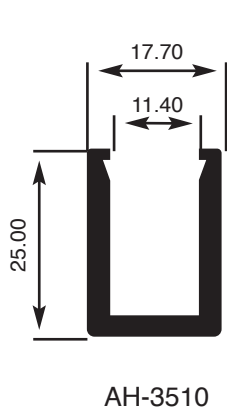
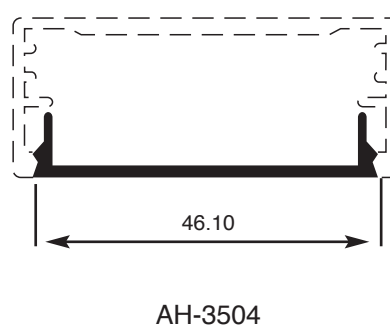
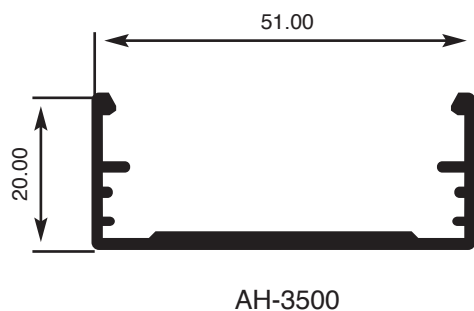
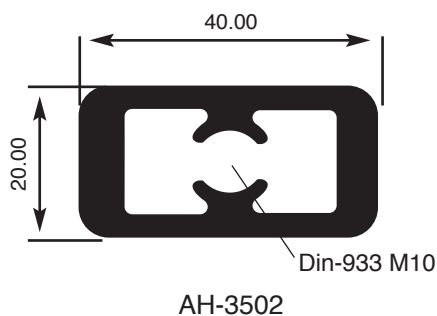


AH-525

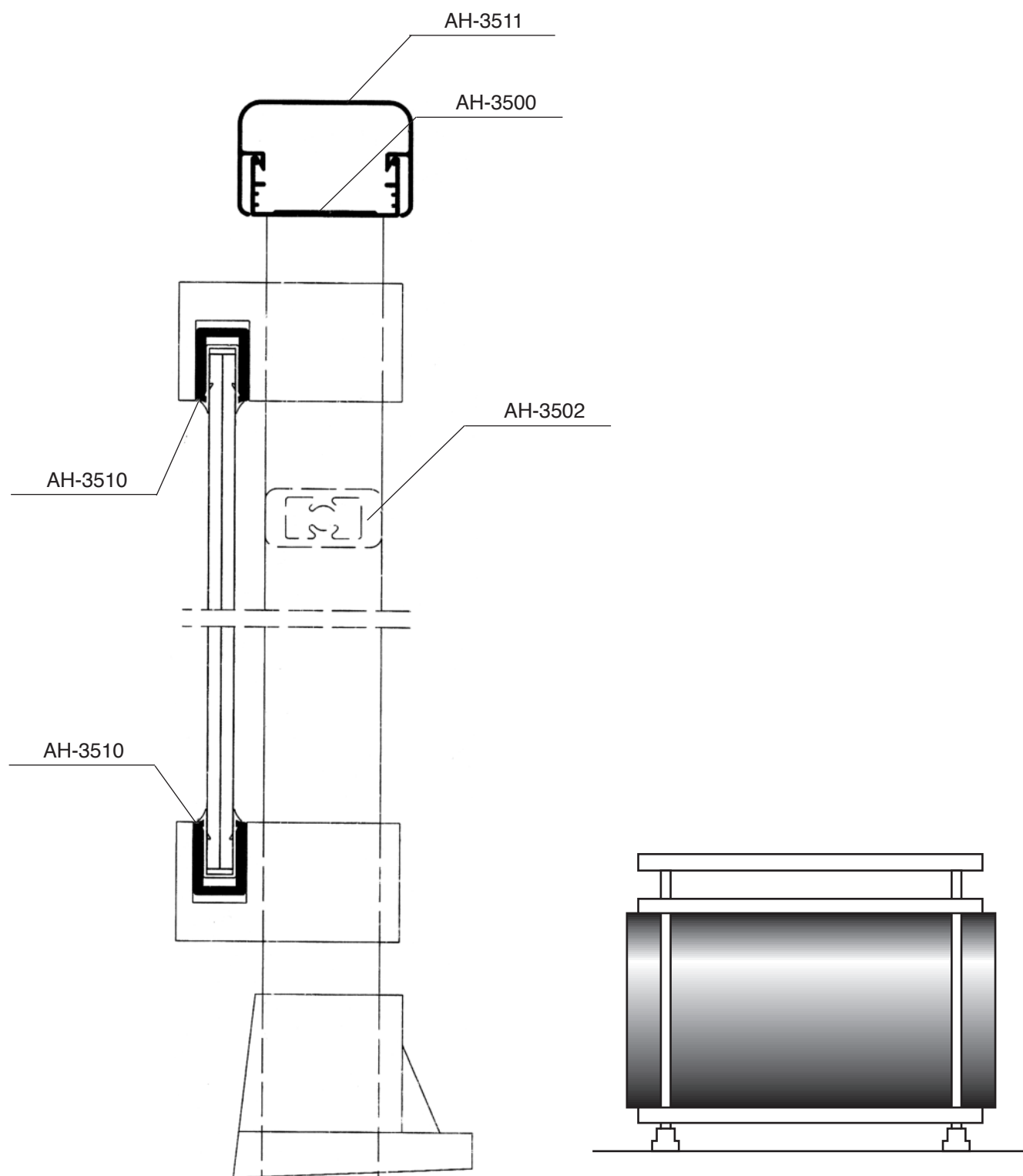


AH-5277

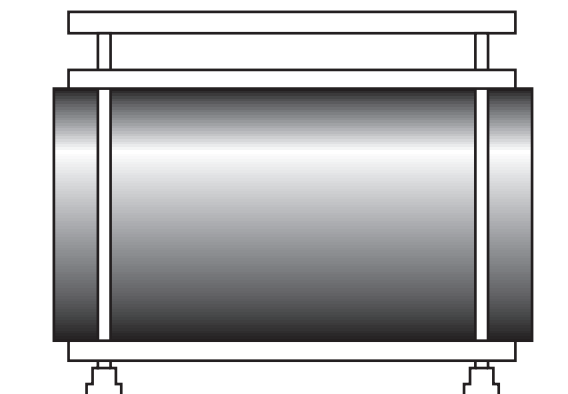
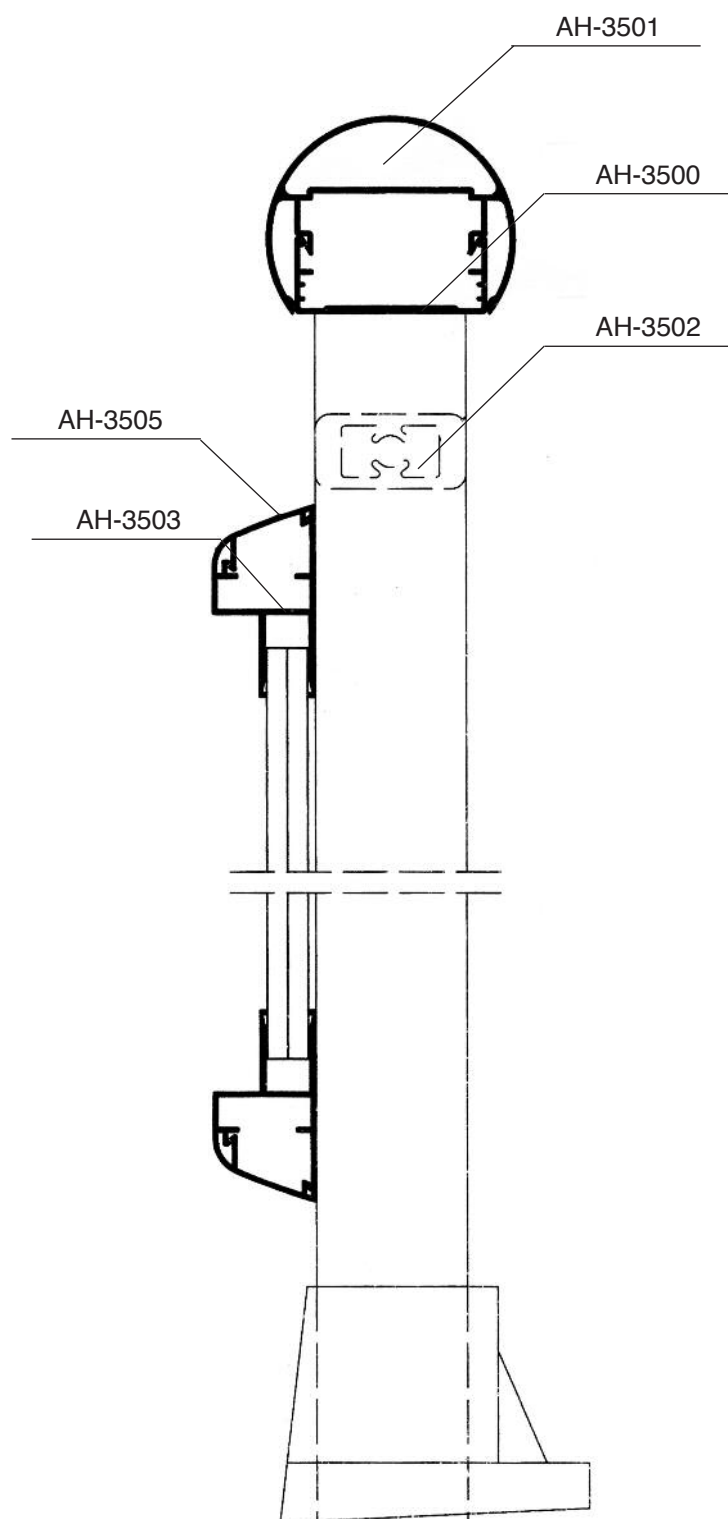
BARANDILLAS - GRADEAMENTO



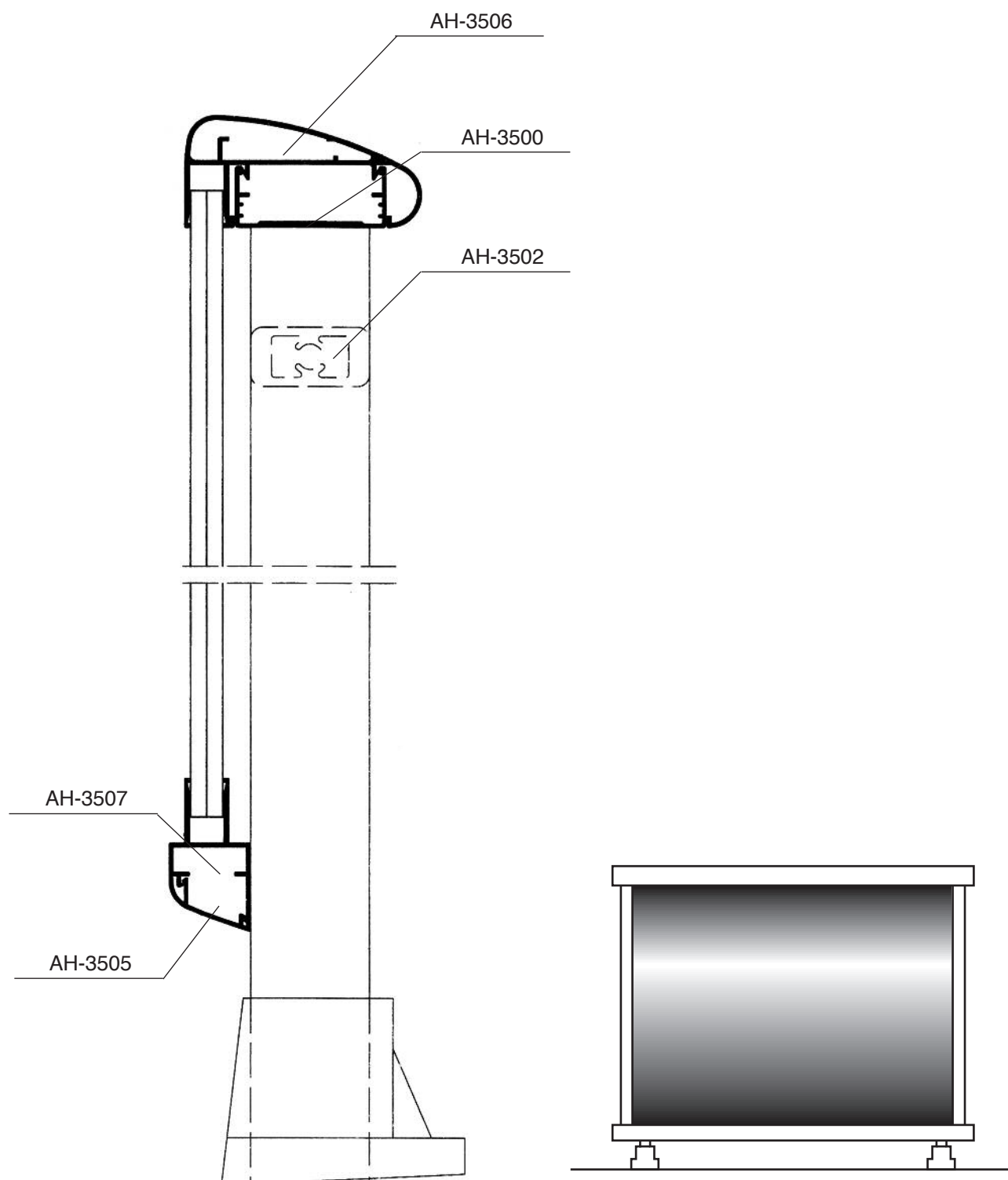
BARANDILLAS - GRADEAMENTO



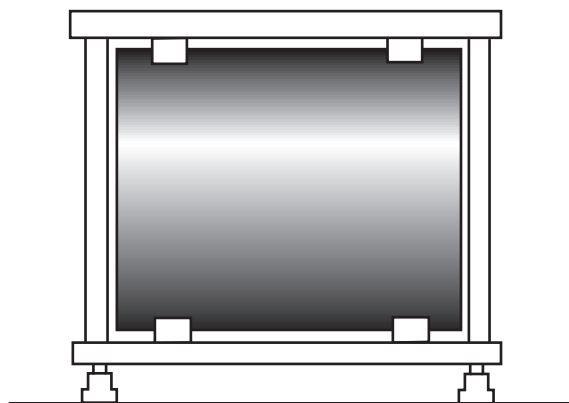
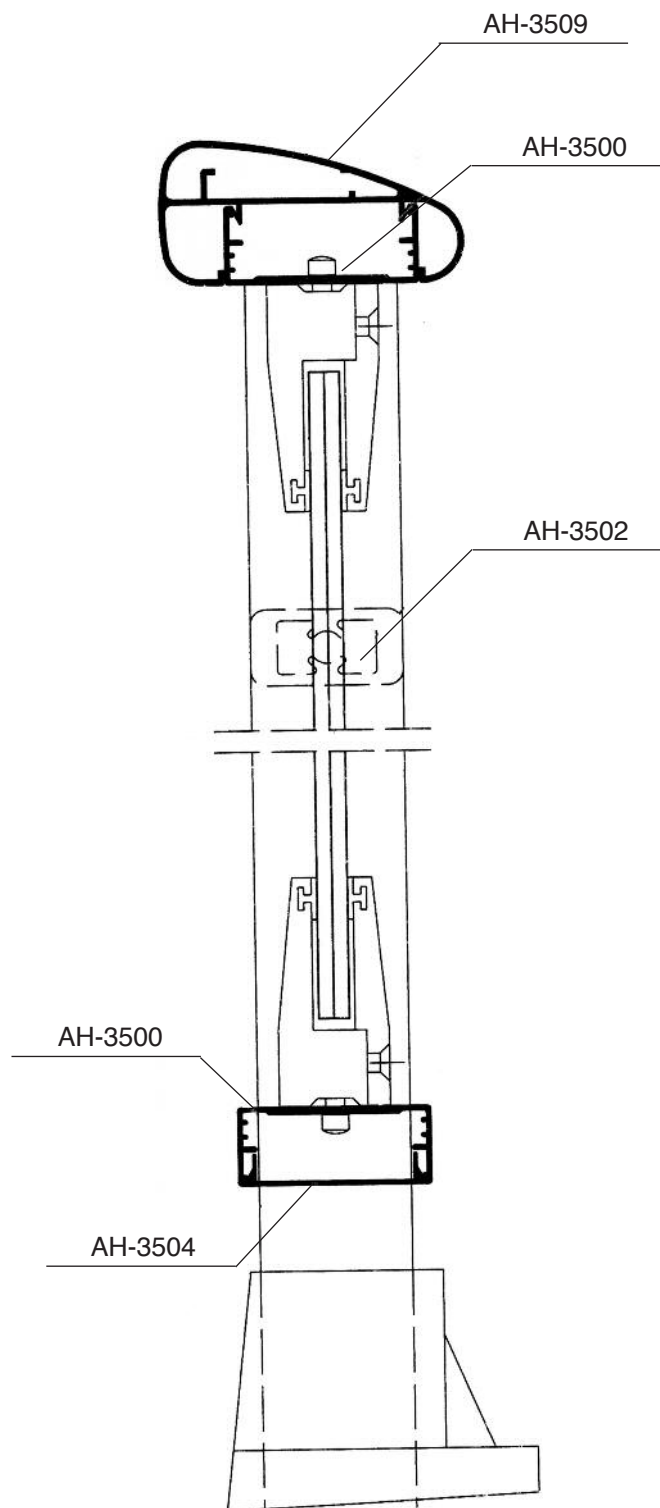
BARANDILLAS - GRADEAMENTO



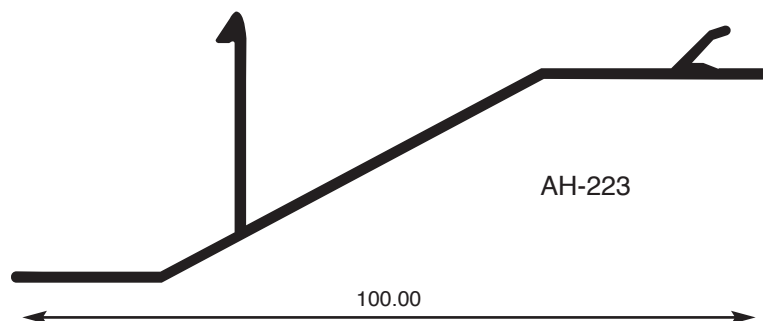
BARANDILLAS - GRADEAMENTO



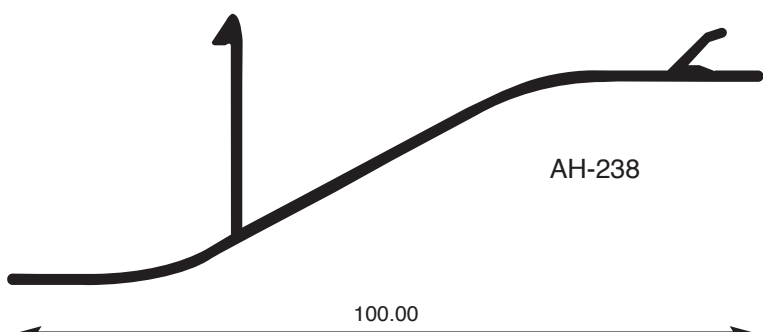
BARANDILLAS - GRADEAMENTO



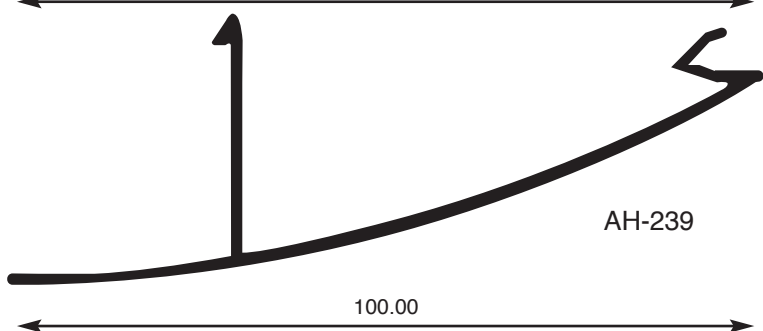
SISTEMAS DE CLIP



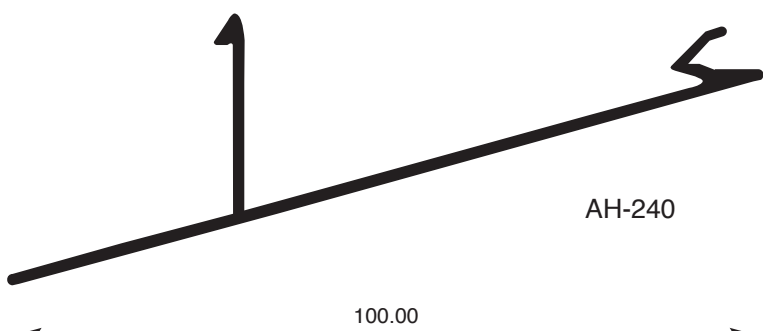
AH-223



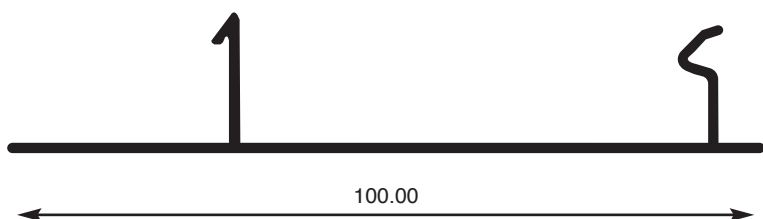
AH-238



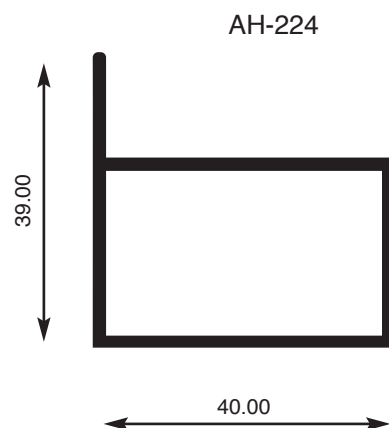
AH-239



AH-240

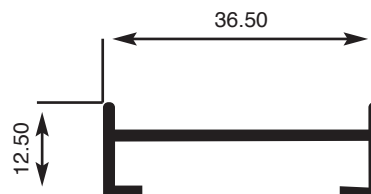
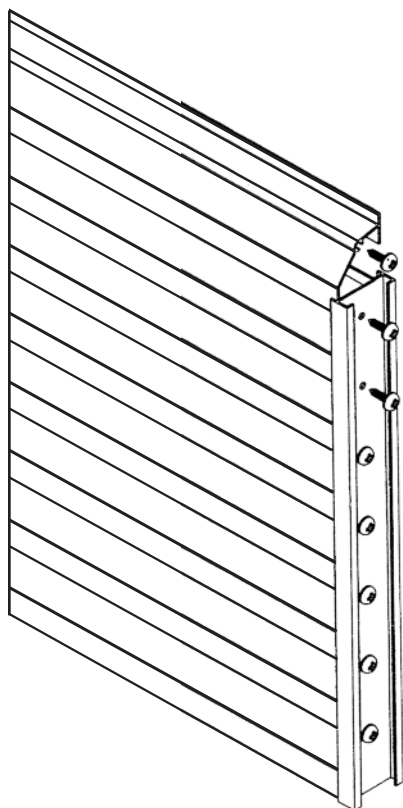


AH-364

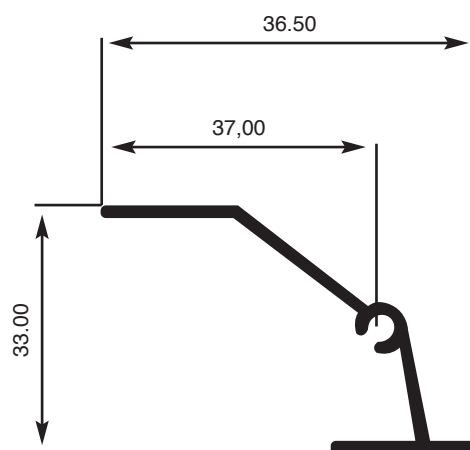
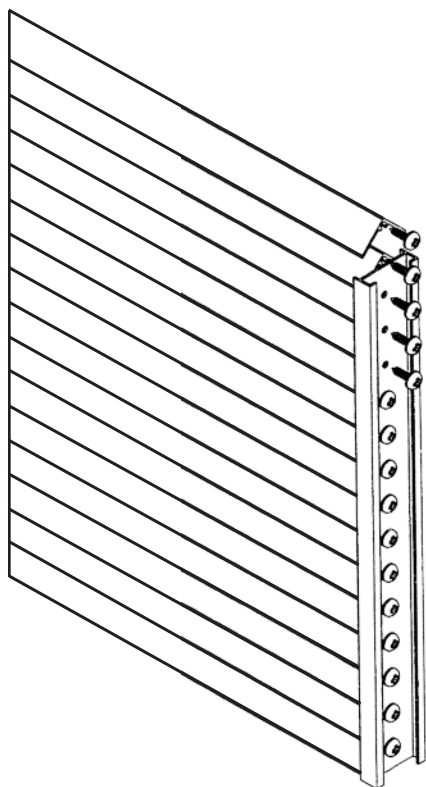


AH-224

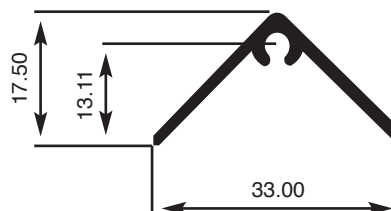
SISTEMAS DE CLIP



AH-279



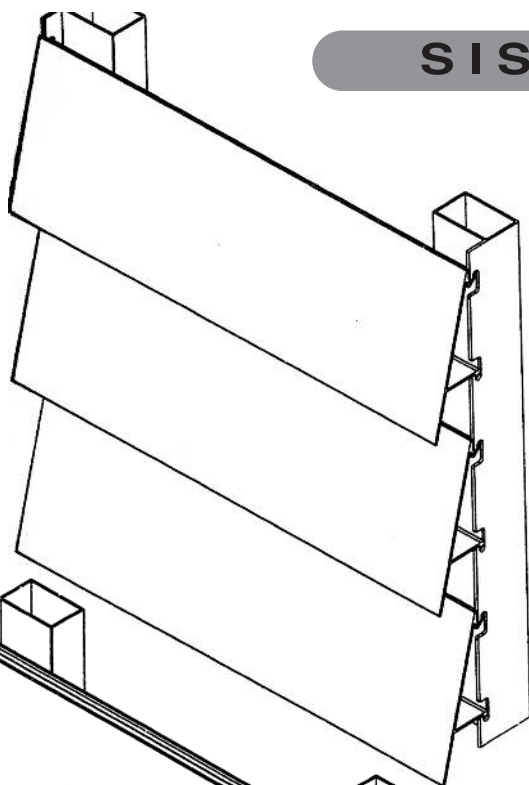
AH-280



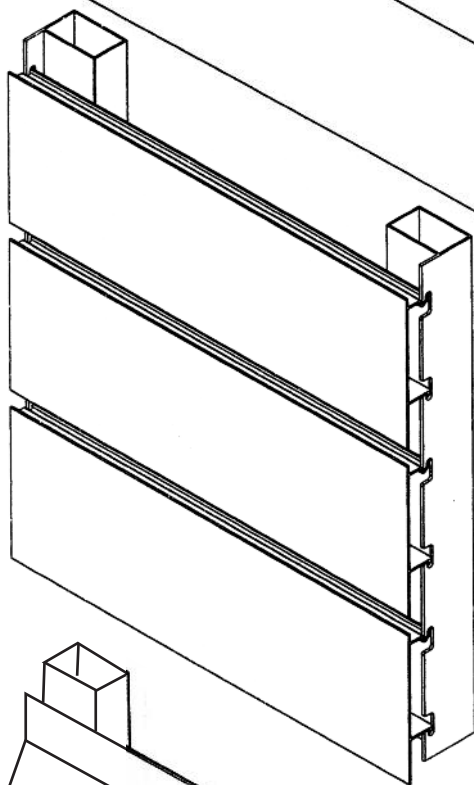
AH-256

SISTEMAS DE CLIP

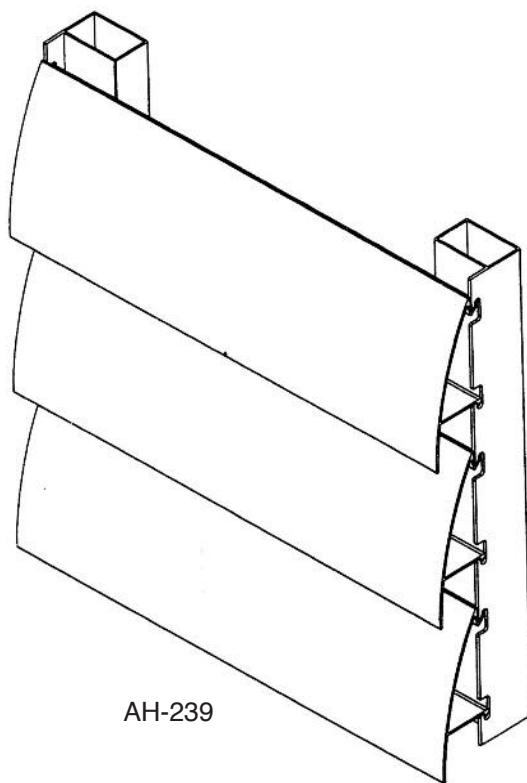
AH-240



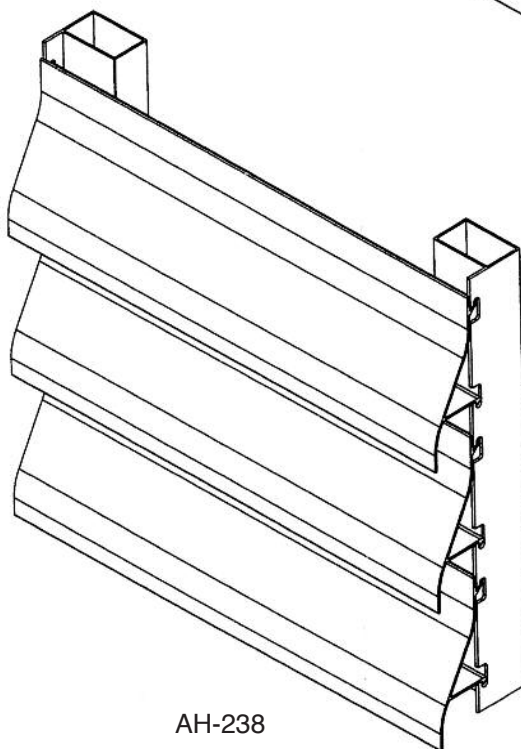
AH-364



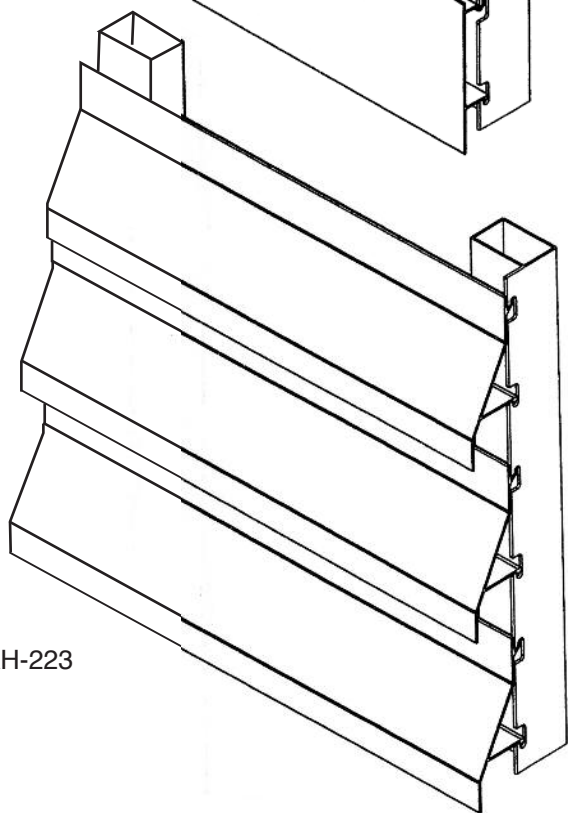
AH-239



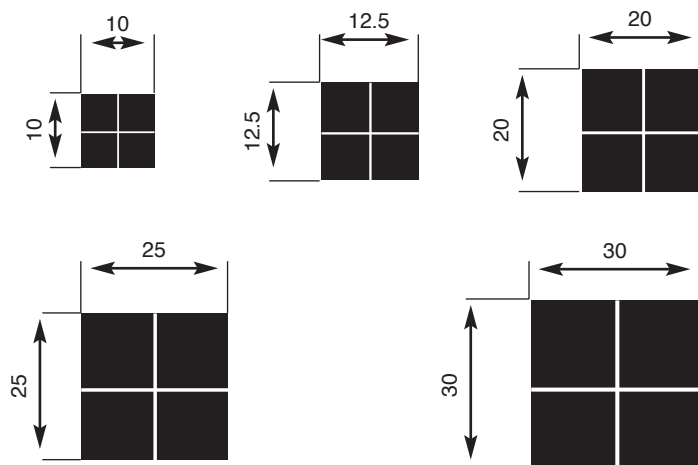
AH-238



AH-223



PUNZONES CUADRADOS



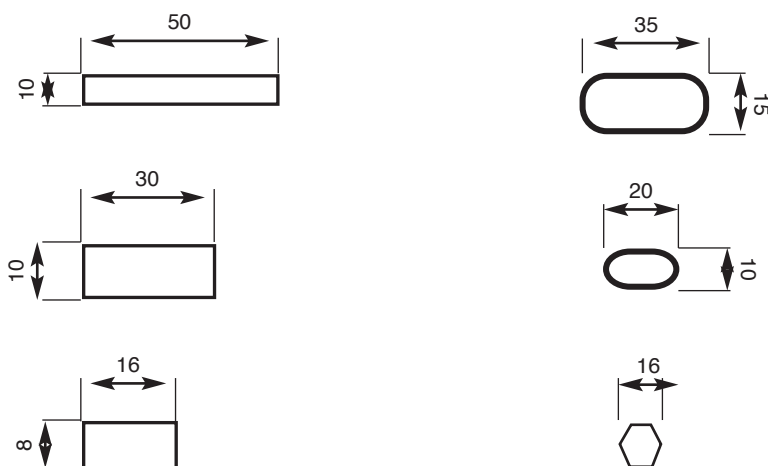
*para espesores de 1 mm 3 mm (otros consultar)

PUNZONES REDONDOS

DESDE Ø3 A Ø34 ... Ø46, Ø50, Ø60

*para espesores de 1 mm 3 mm (otros consultar)

PUNZONES FORMAS (VARIAS)



* (otros consultar)

PUNZONES EMBUTICIÓN

*RANURAS DE VENTILACIÓN

*PUNZÓN ANTIDESLIZAMIENTO PARA PELDAMOS (Ø27 - Ø11)

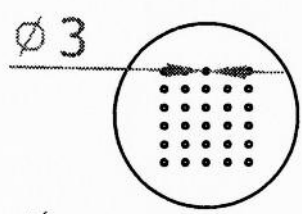
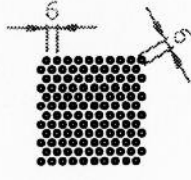
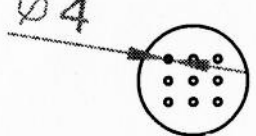
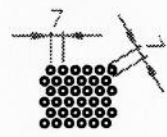
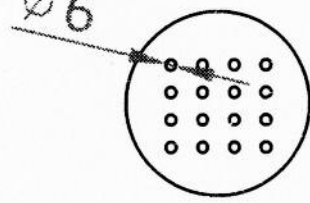
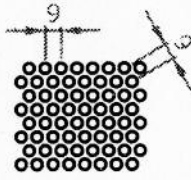
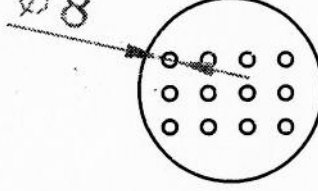
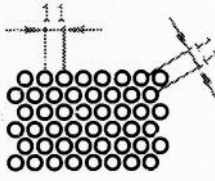
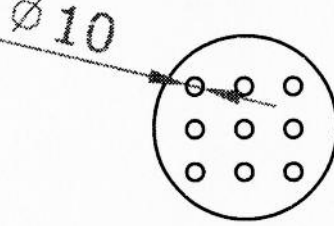
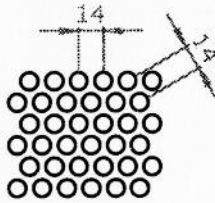
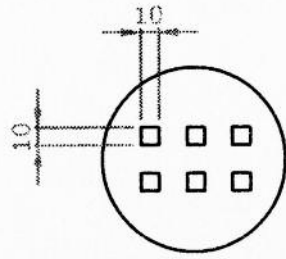
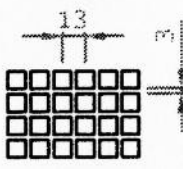
F:/PLANOS/PUNZONADO/DETALLE DE PUNZONADO Y FORMAS

PUNZONES ESPECIALES PARA CHAPAS PERFORADAS

HERRAMIENTA

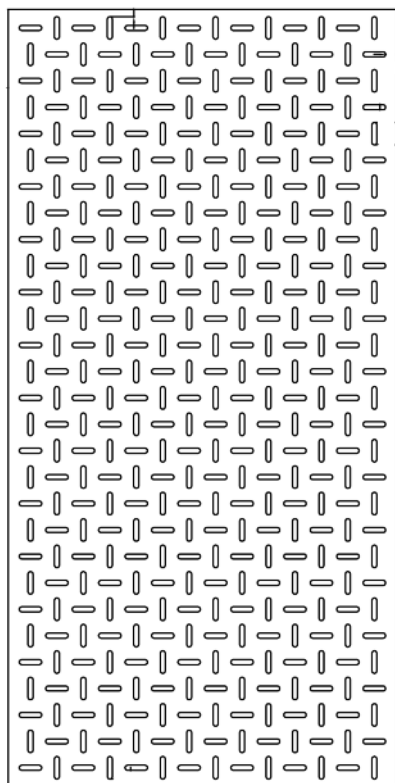
DETALLE DE PUNZONADO (MÁX.)

MATERIAL Y ESPESORES

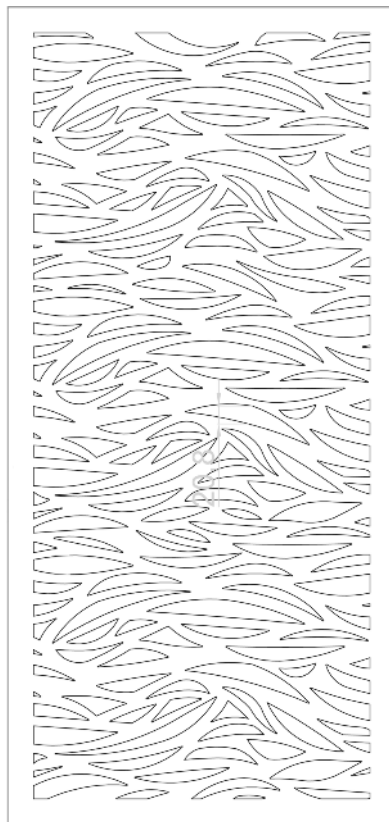
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		Ac. CARBONO, GALVA Y ALUM: 0.8 mm a 1 mm AC. INOX: 0.8 mm a 1 mm.
		Ac. CARBONO, GALVA Y ALUM: 1 mm a 3 mm AC. INOX: 1 mm a 2 mm.
		Ac. CARBONO, GALVA Y ALUM: 0.8 mm a 3 mm AC. INOX: 0.8 mm a 2 mm.
		Ac. CARBONO, GALVA Y ALUM: 1 mm a 3 mm AC. INOX: 1 mm a 3 mm.
		Ac. CARBONO, GALVA Y ALUM: 1 mm a 2 mm AC. INOX: 1 mm a 2 mm.

F:/PLANOS/PUNZONADO/DETALLE DE PUNZONADO Y FORMAS. dwg, DWG To PDF

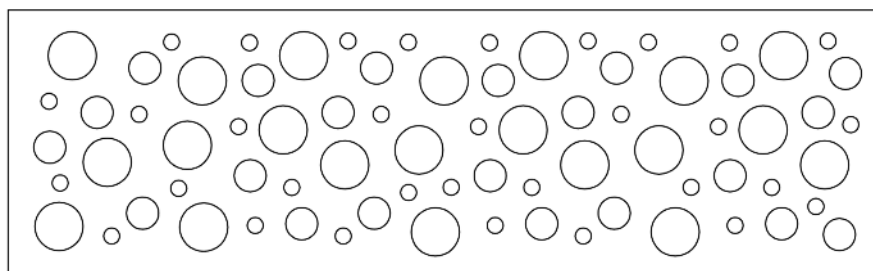
CHAPAS PERFORADAS



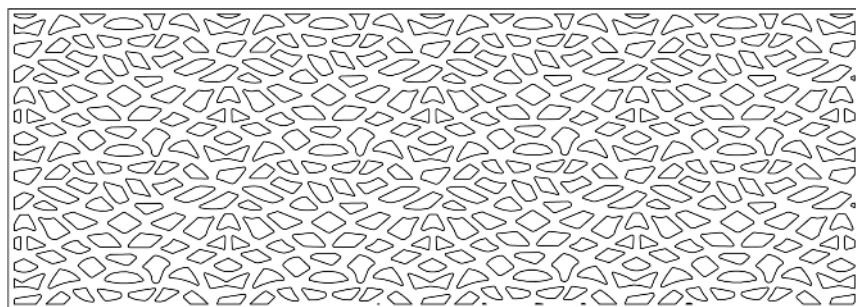
D1



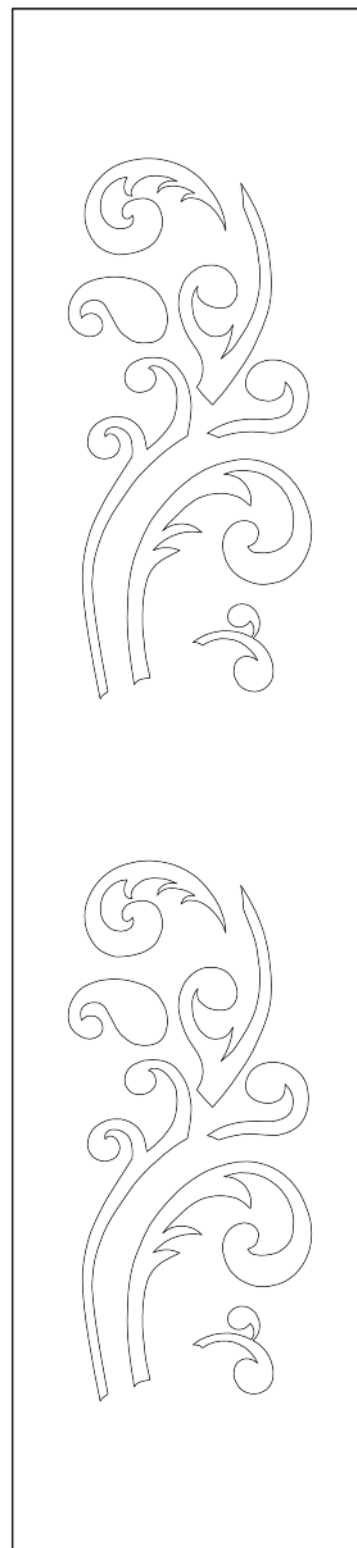
D2



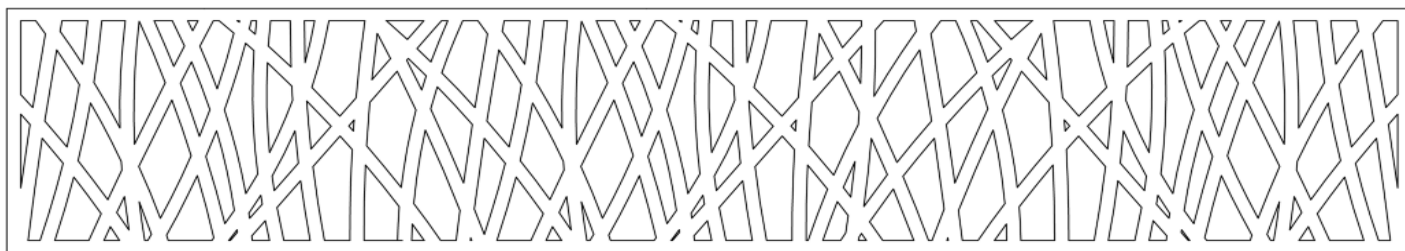
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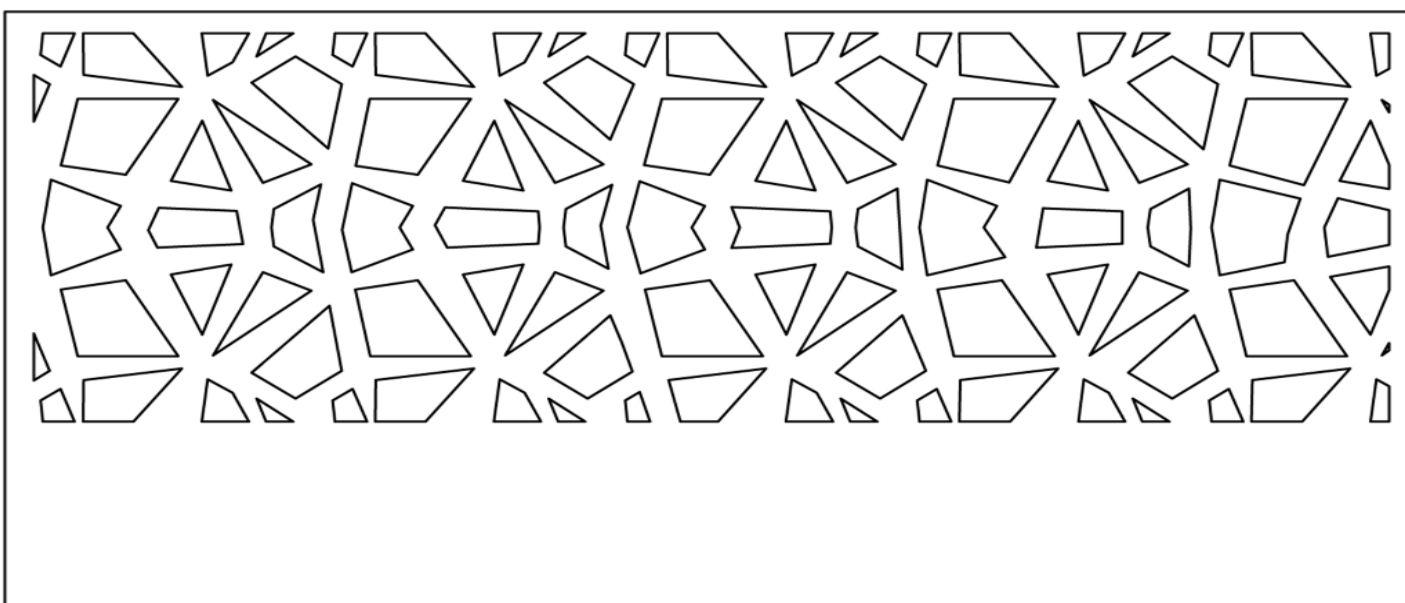
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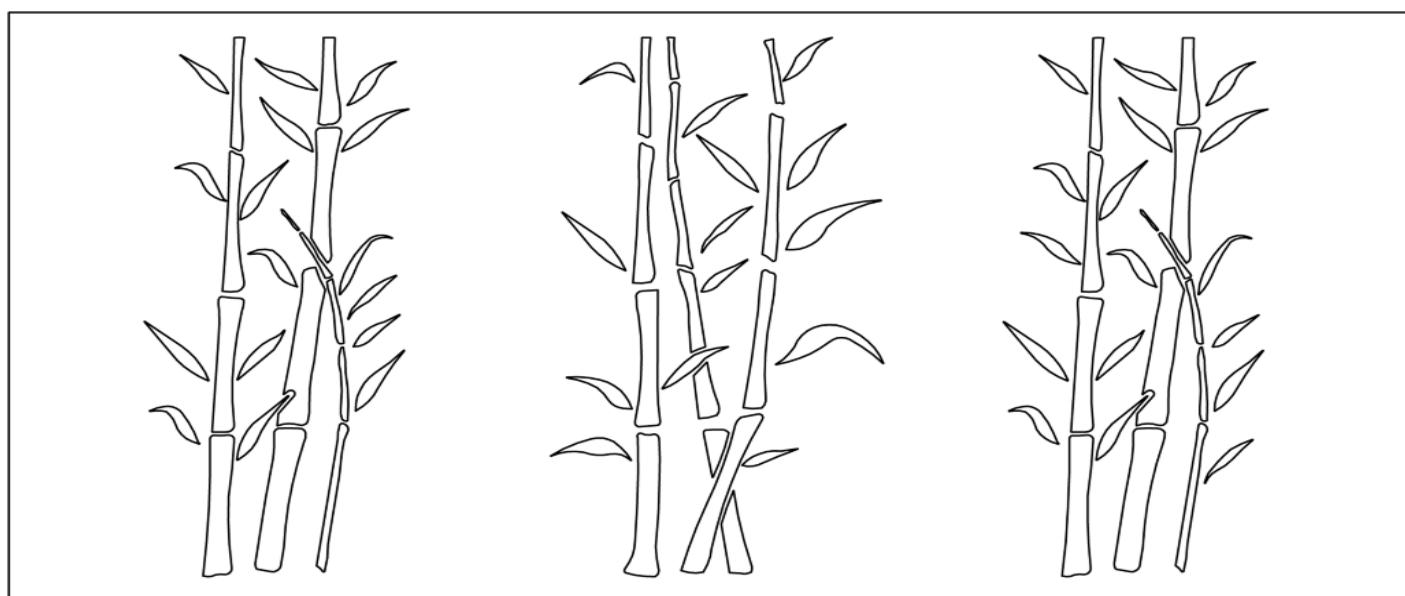
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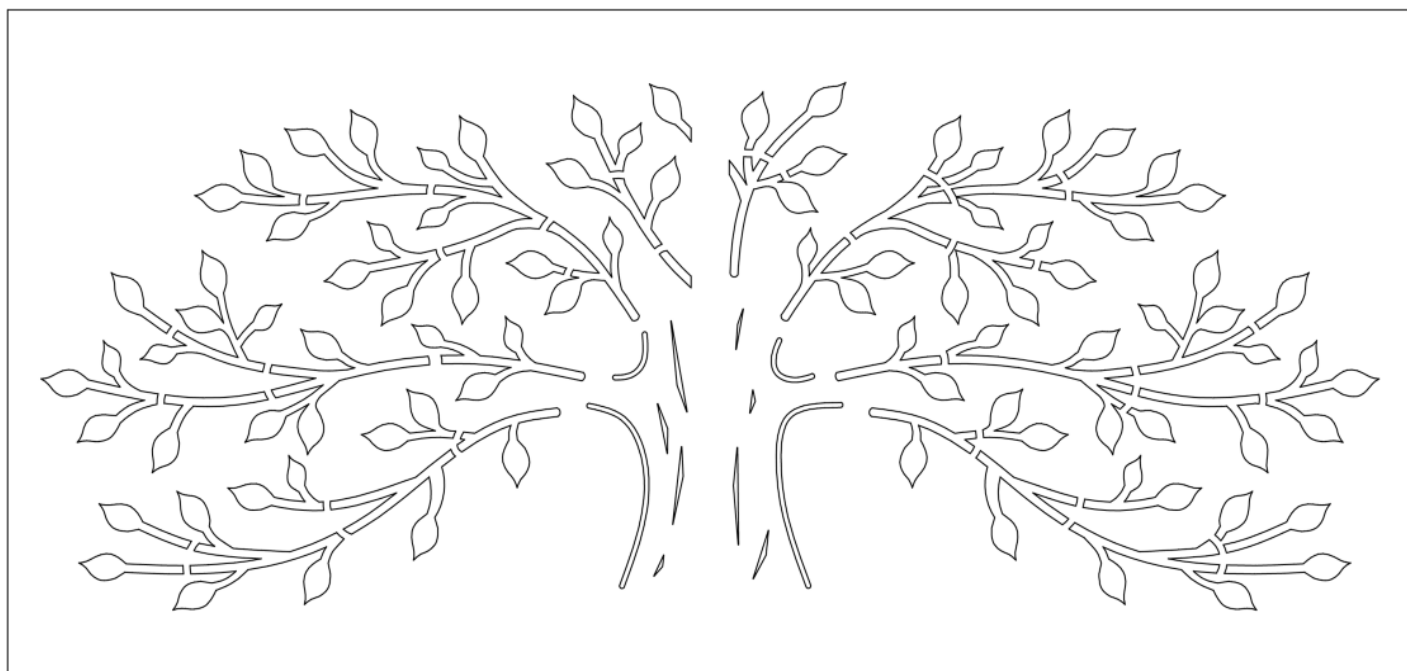
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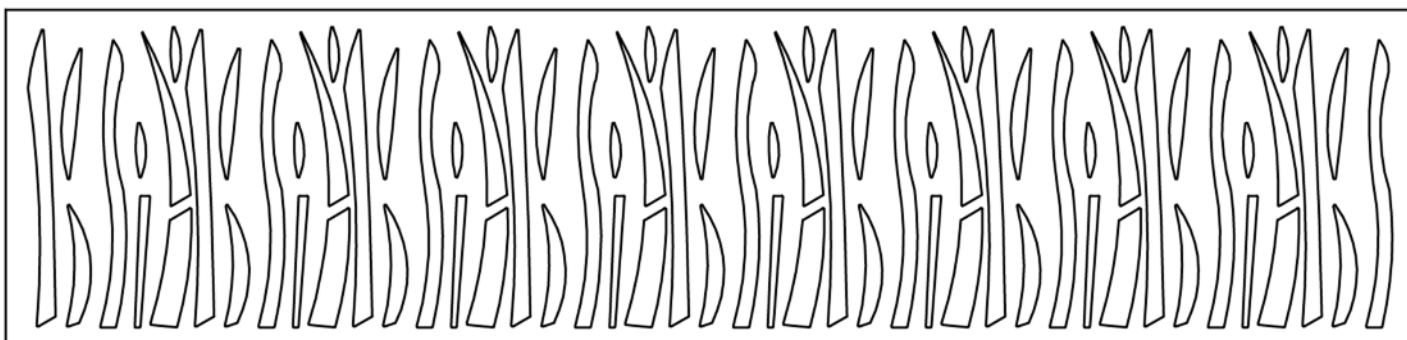
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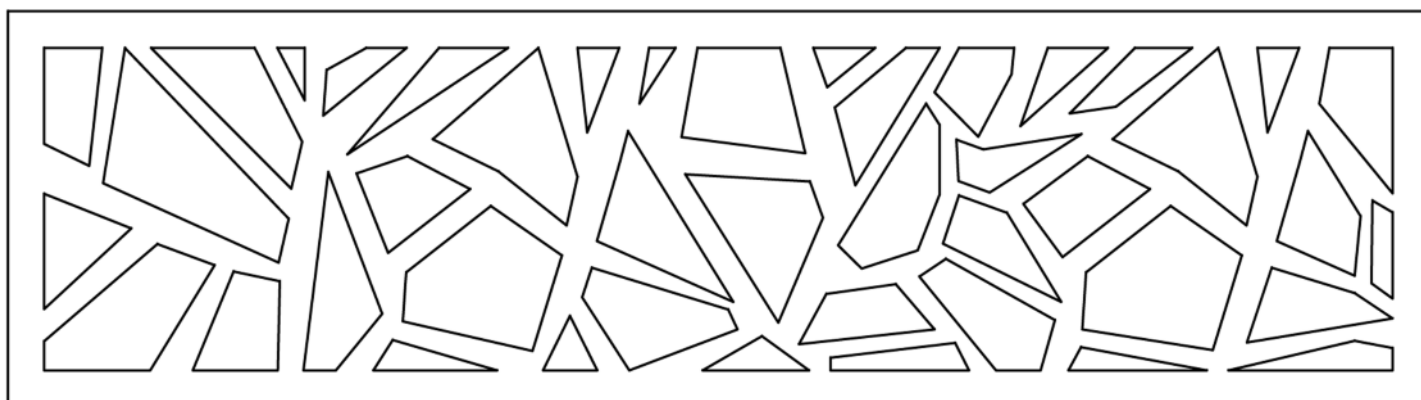
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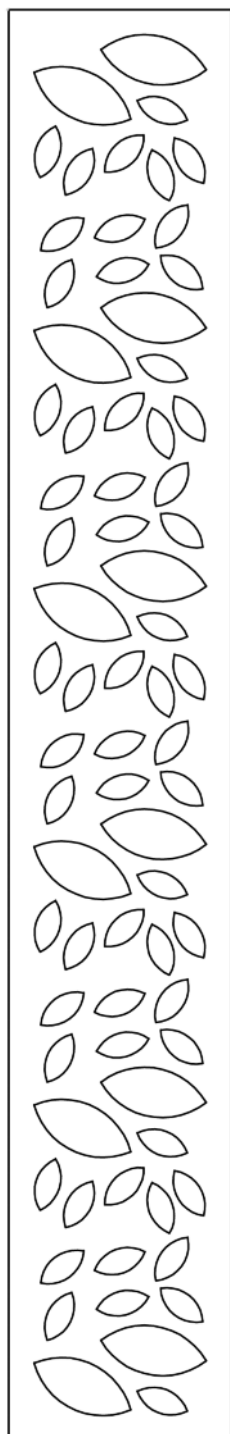
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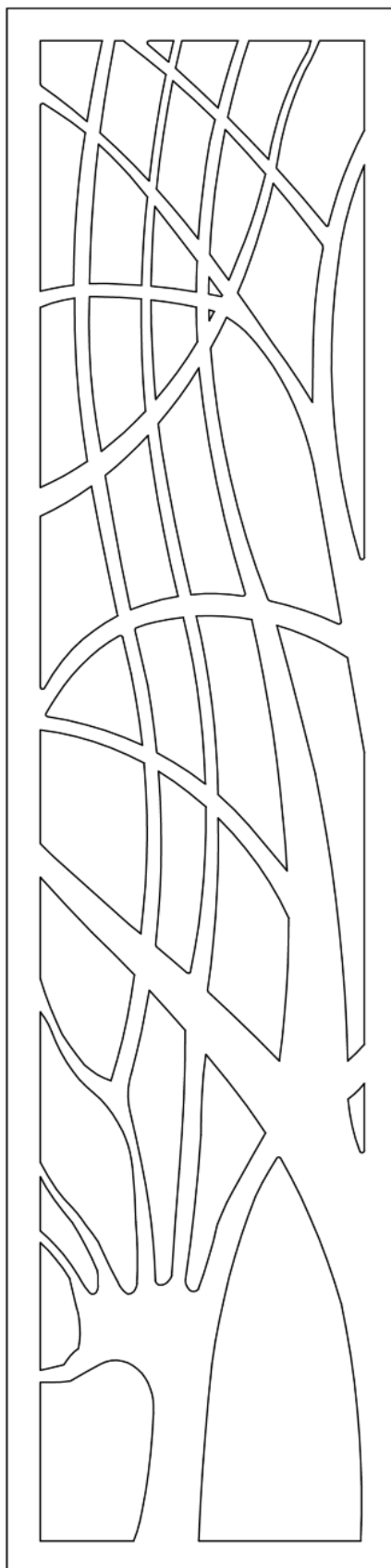
D10



D11



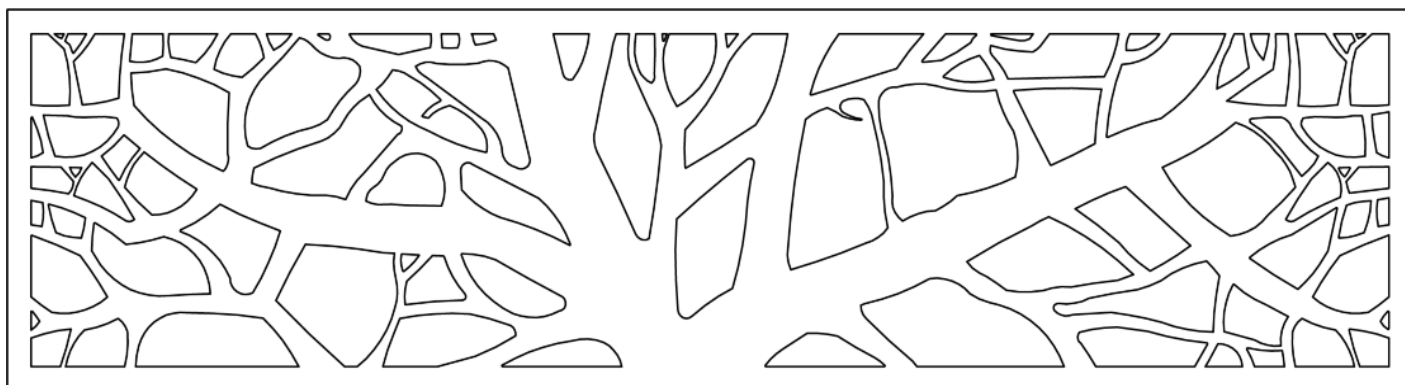
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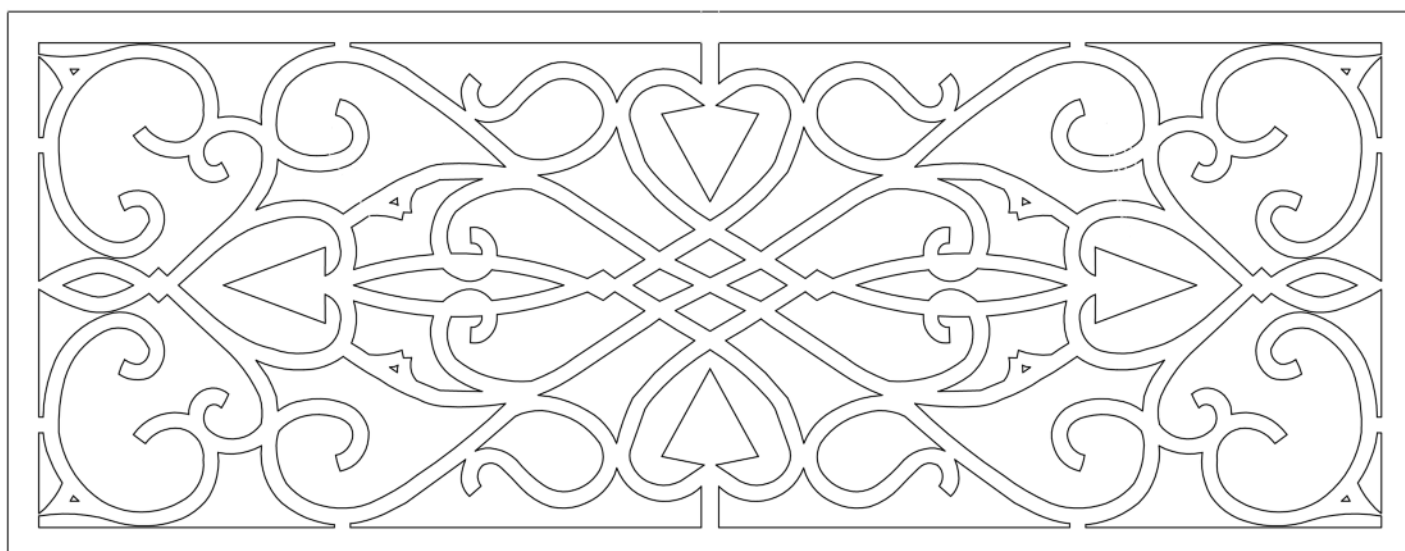
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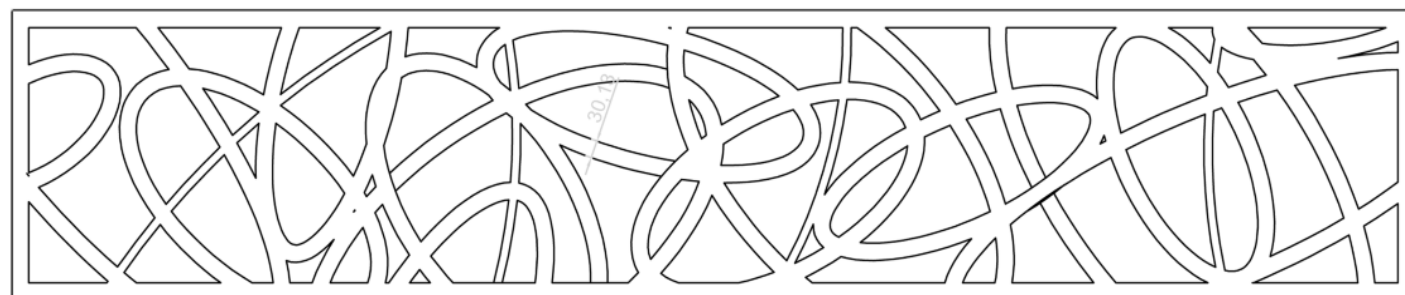
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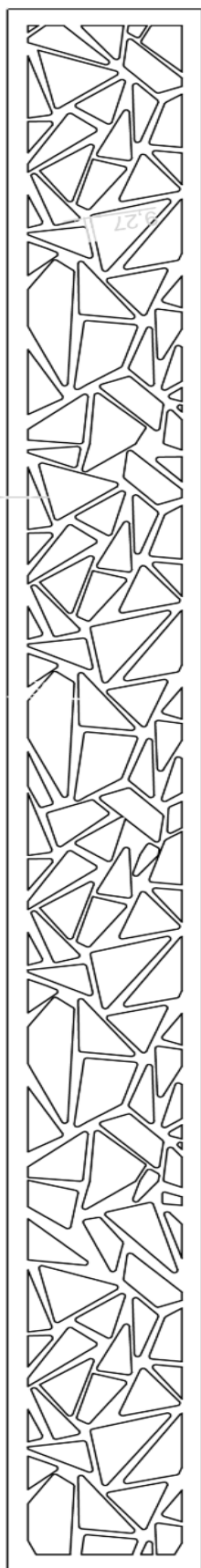
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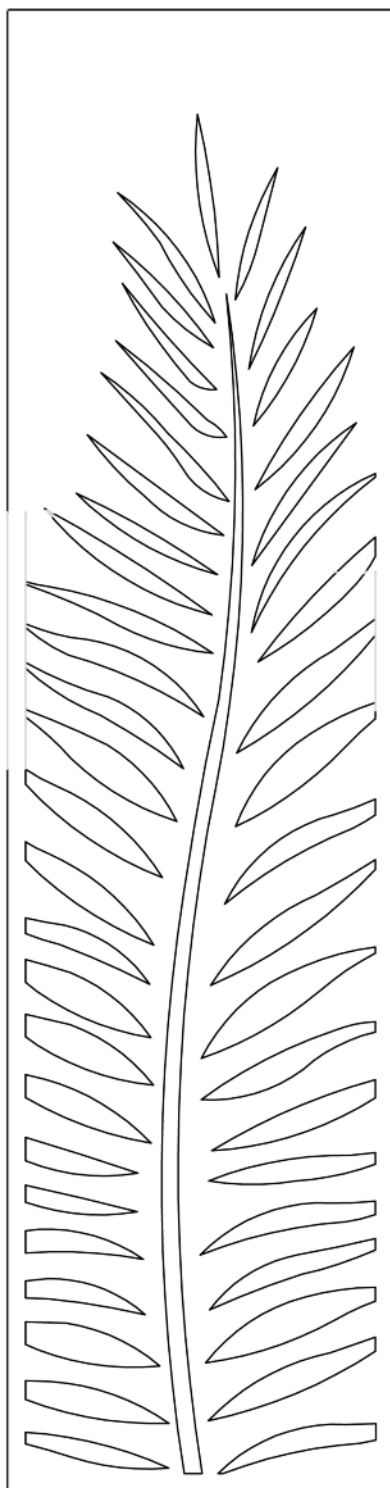
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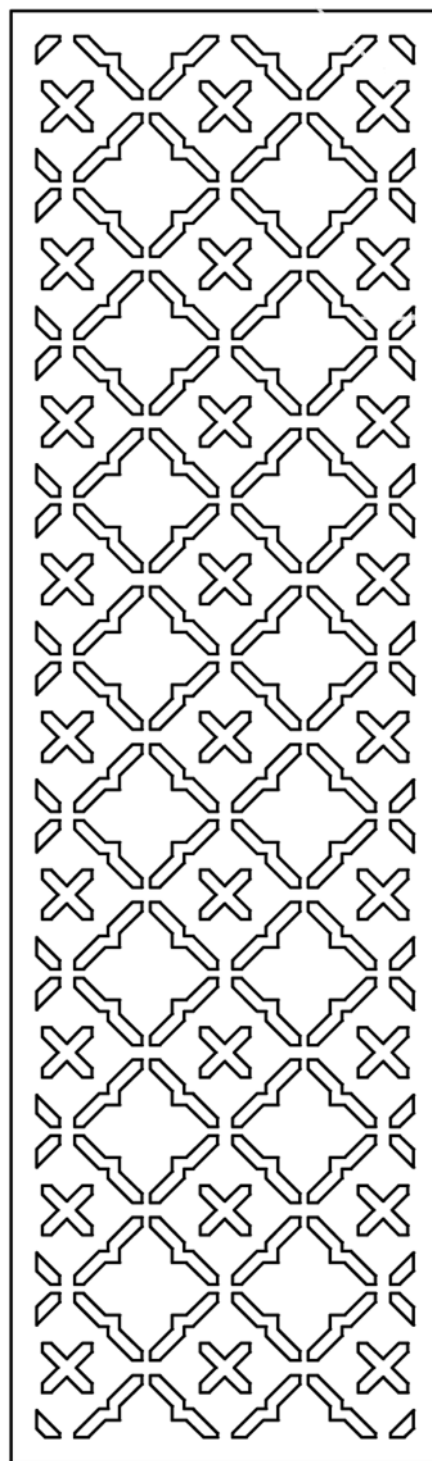
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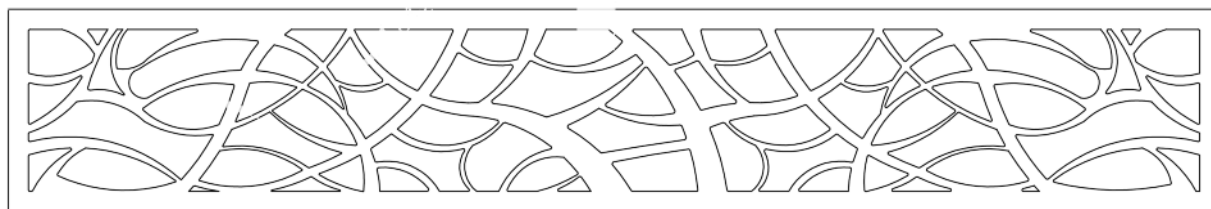
D18



D19

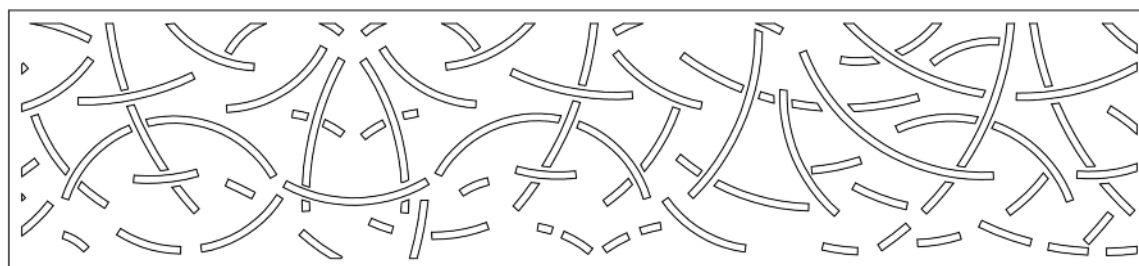
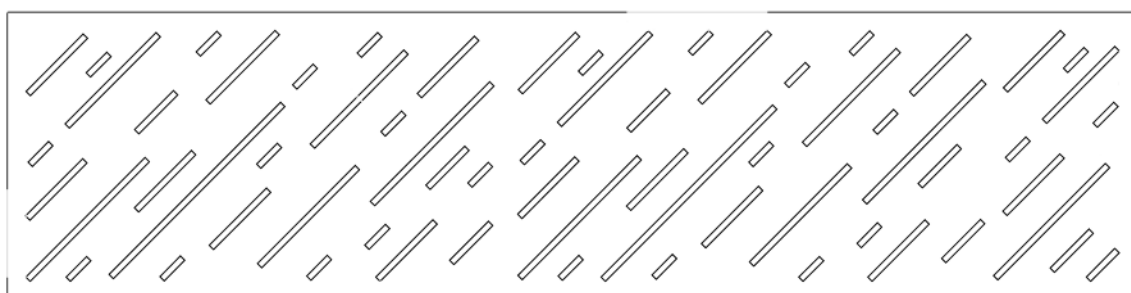


D20



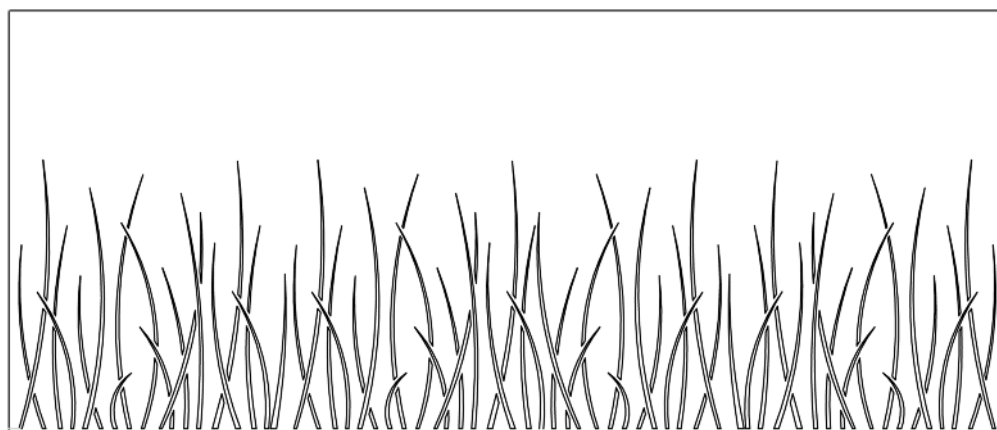
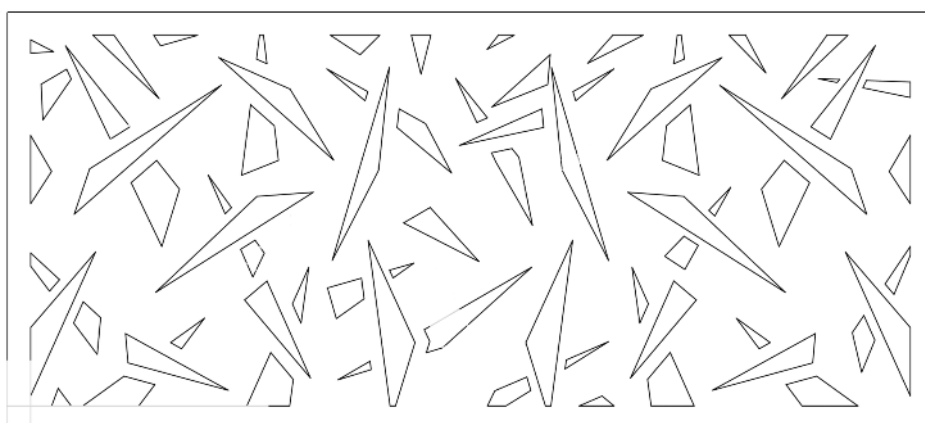
D21

D22



D23

D24



D25