Provence

Alas16 - A.017 - PT

portadas

LOUSALU

Provence

PT - Alas16 - A.017

portadas

batente

correr

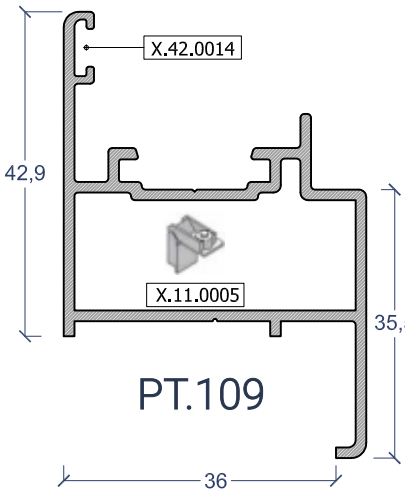
rústica

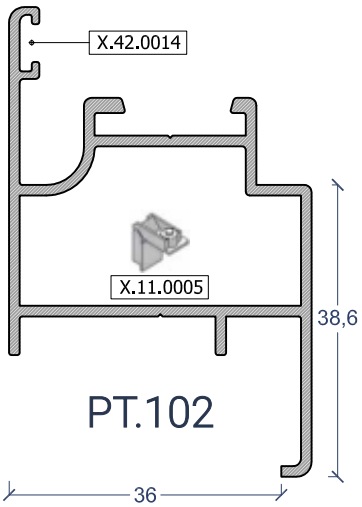
harmónio

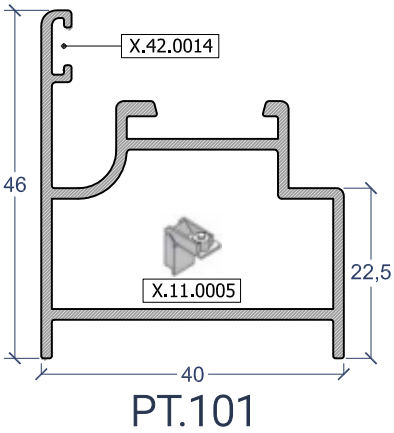
LOU/ALU

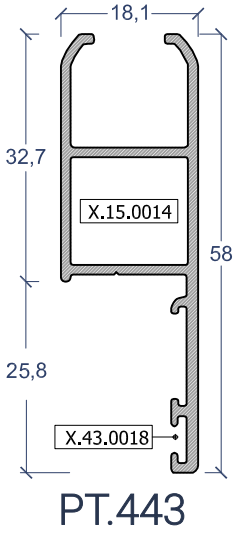
Provence

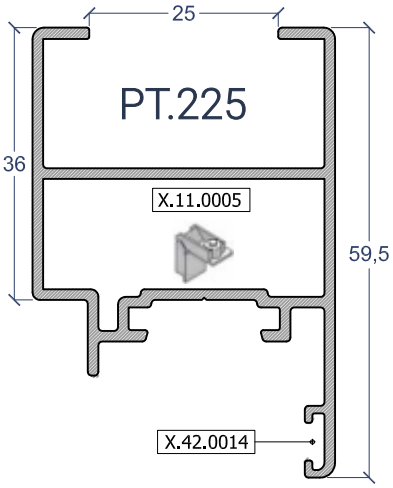
Portadas de Batente

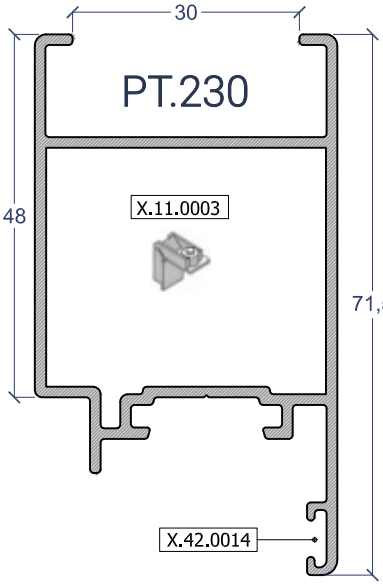


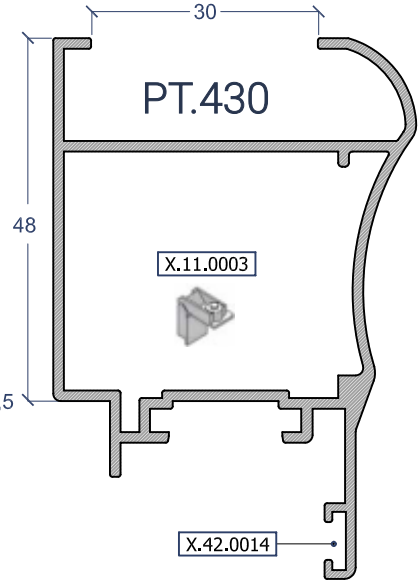


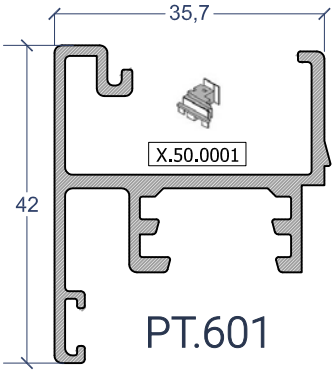


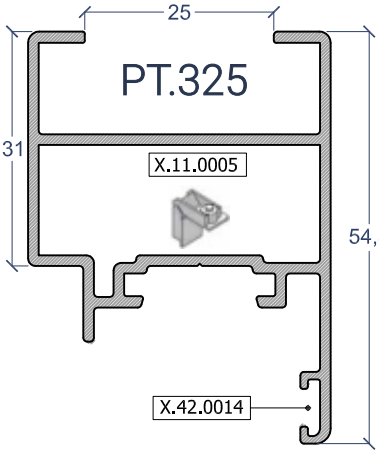


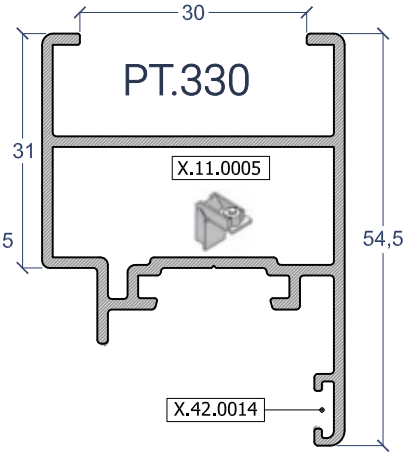












X.21.0001
Dob. PT.101/102/601

X.20.0003
Dobradiça PT.109

X.23.0003
Dob. bal. PT.101/102/601

X.23.0001
Dob. balanço PT.109

X.30.0013
Cremone PT.443

X.24.0008
Dobradiça PT.443

X.11.0003
Esqu.36x31 MC406.10

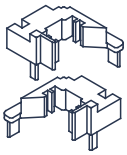
X.11.0005
Esqu. 36x14 MC421.10

X.11.0017
Esqu. 15x14 PT.443

X.42.0014
Vedante Batente

X.43.0018
Vedante PT.243/443

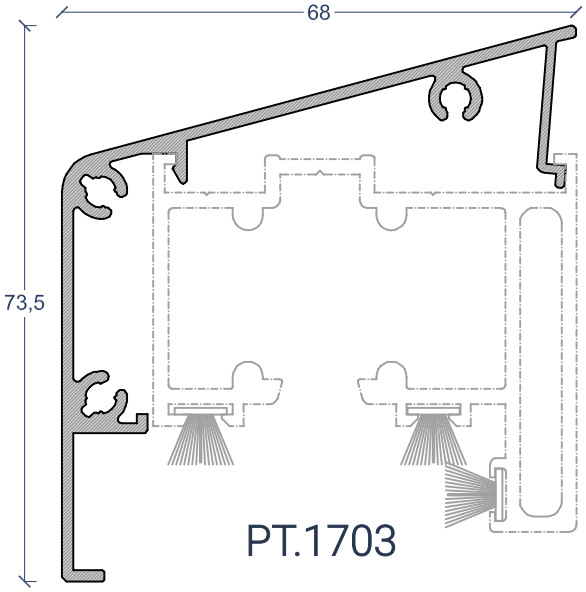
X.50.0001
Topo do Inversor PT.601



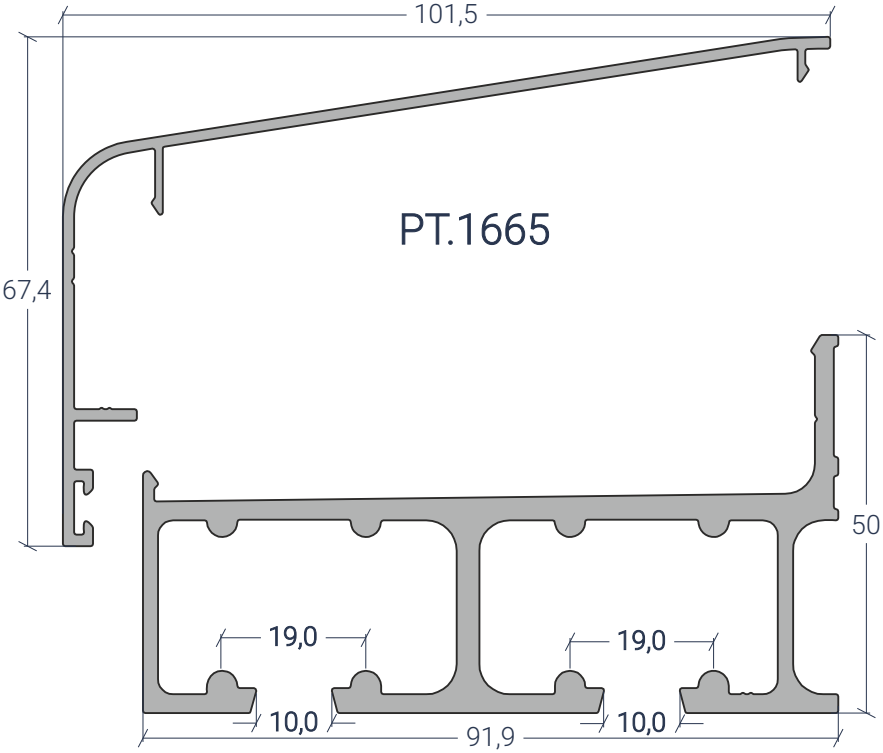
LOU/ALU

Provence

Portadas de Correr e Harmónio

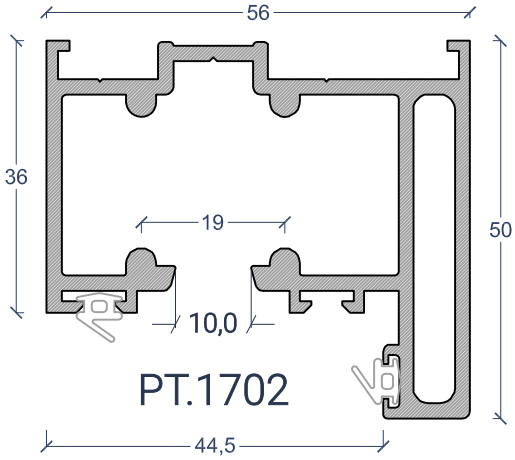


PT.1703

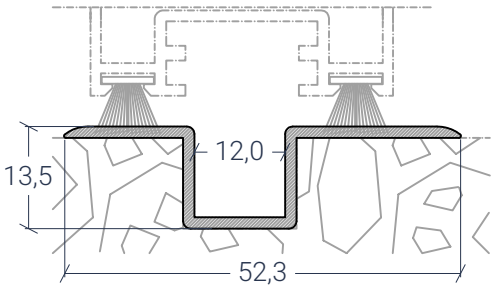


PT.1665

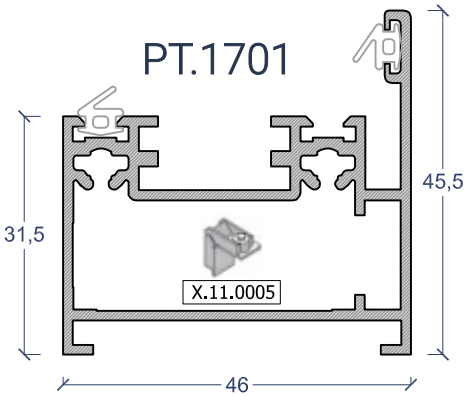
PT.1663



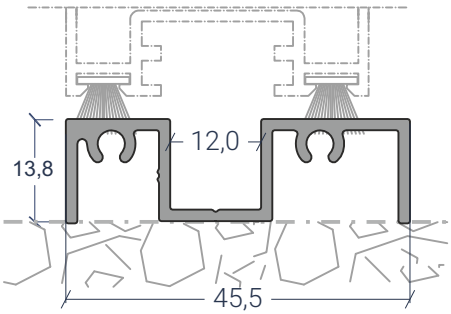
PT.1702



PT.1710



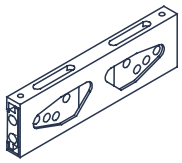
PT.1701



PT.1670

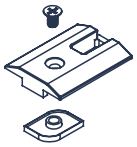
X.30.0100
Cremone Portada

X.35.0001
Cassete Ligação Cremone



X.35.0002
Perno M8 Ligação vareta

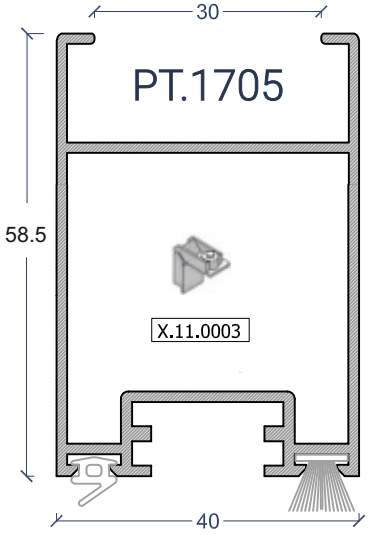
X.34.0003
Ponteira Cremone

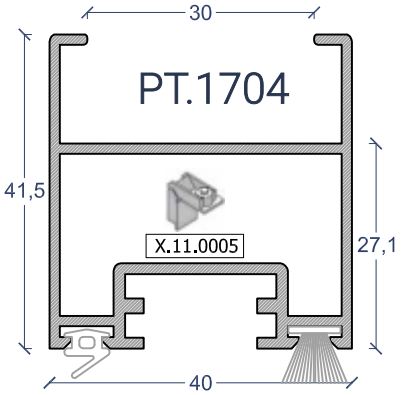
X.42.0033	X.40.0014	X.40.0016	X.33.0096	X.33.0006	X.32.0026
Vedante Harmónios	Pelúcia 7,0x9,0	Pelúcia 6,5x6,0	Ponto Fecho PT.101/102	Ponto Fecho PT.109	Fecho de 2ª Folha
					

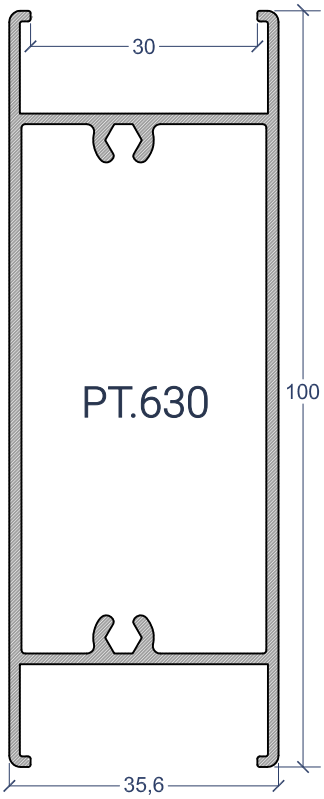
LOU/ALU

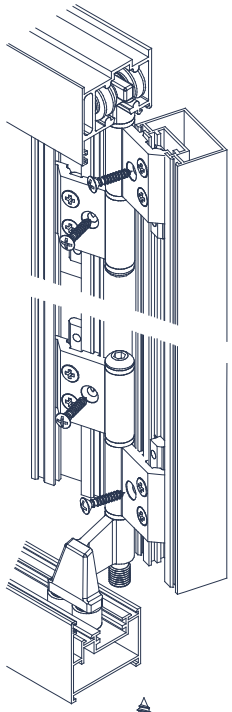
Provence

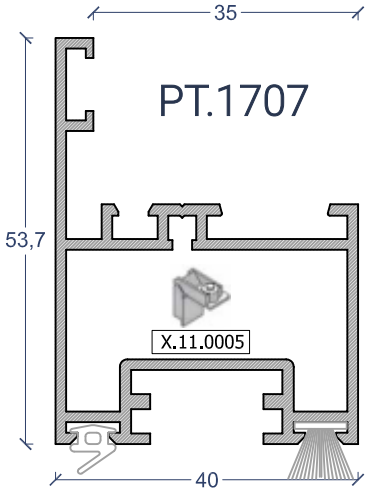
Portadas de Correr e Harmónio

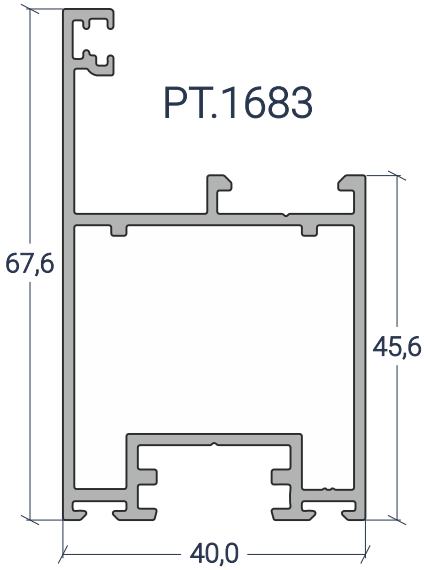


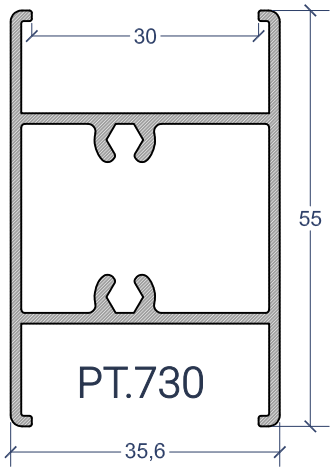


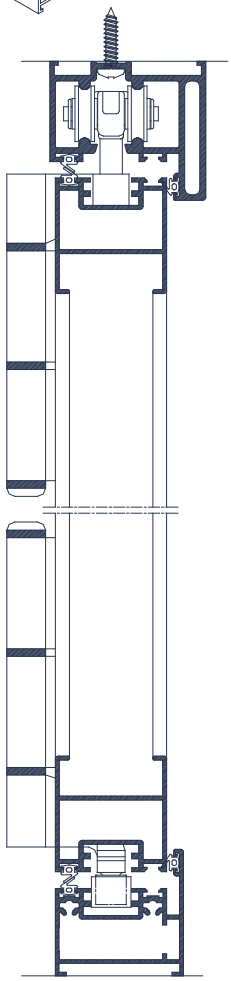


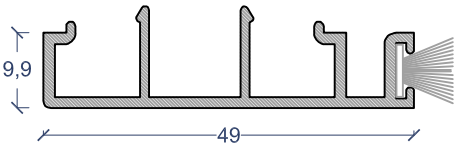




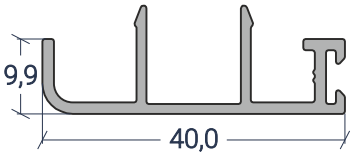




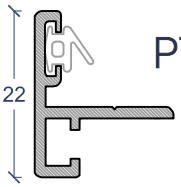




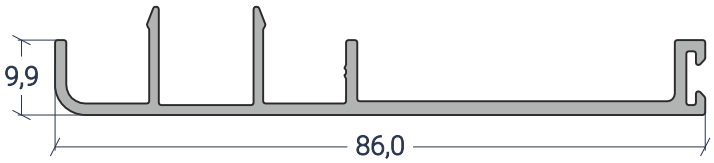
PT.1709



PT.1666

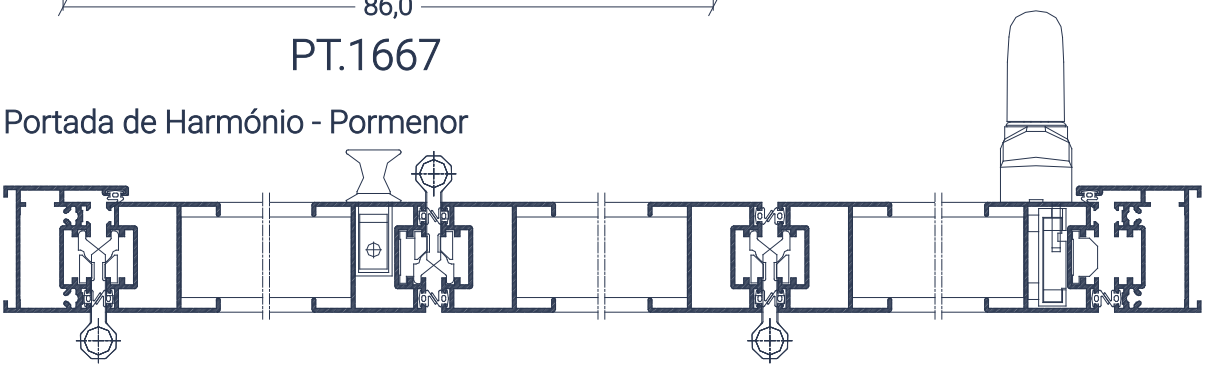


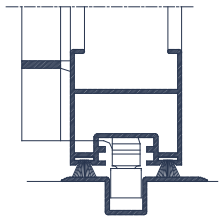
PT.1708



PT.1667

Portada de Harmónio - Pormenor

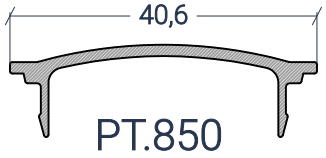


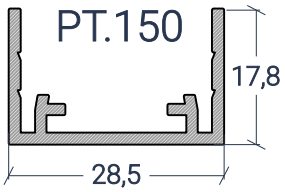


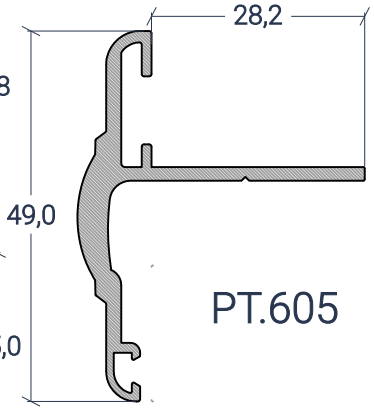
LOUSALU

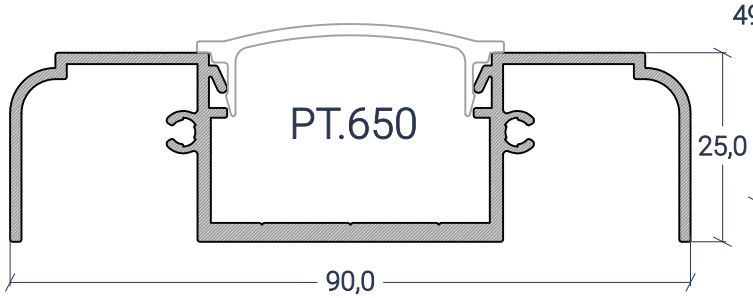
Provence

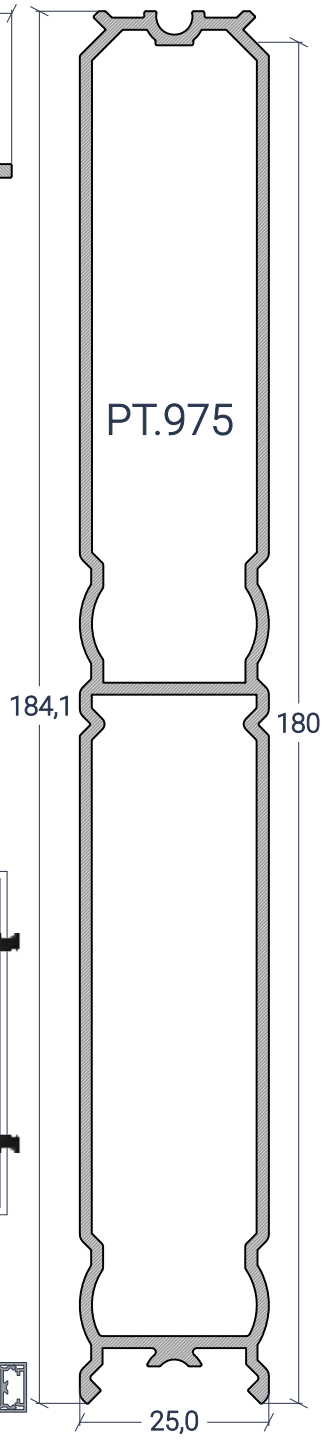
Portadas Rústicas

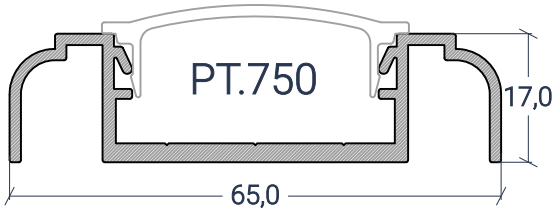










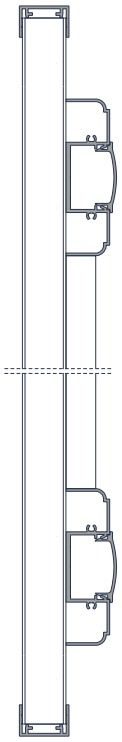


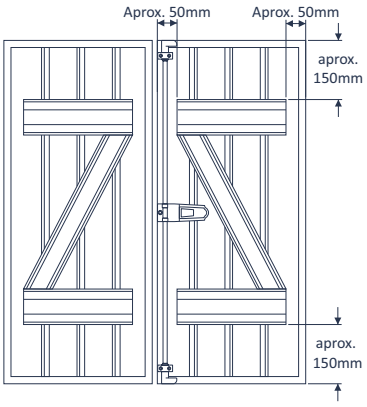
X.29.0017
Dobr. Fixação Parede

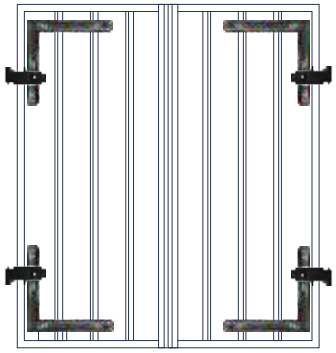
X.29.0018
Dob 1ª folha simples

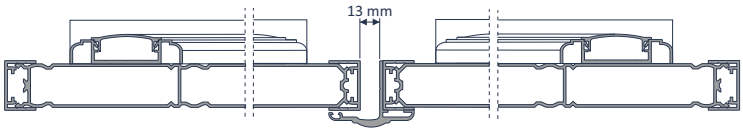
X.29.0019
Dob 1ª.fl reforç.(3/4Fls)

X.29.0020
Dobr. folha dupla





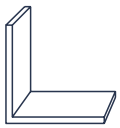




X.59.0093
Espelho intermédia

X.59.0092
Espelho dobr 1ª folha

X.10.0012
Esquadro PT.150



X.30.0110
Fecho Espanholeta

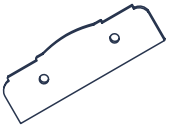
X.56.0018
Gancho 3ª e 4ª Folha

X.59.0094
Espelho complementar

X.50.0008
Segura portada 100 mm

X.51.0006
Segura portada 40 mm

X.56.0019
Tampa travessa PT.650



X.34.0020
Vareta espanh 1.500mm
X.34.0021
Vareta espanh 2.400mm

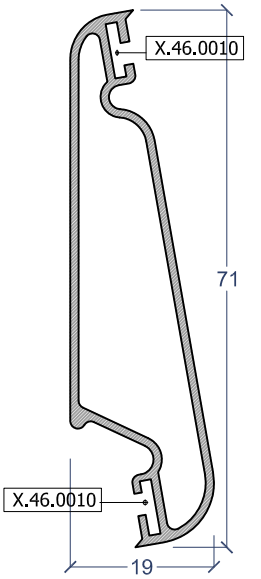
X.33.0093
Ponto de fecho duplo

X.33.0094
Ponto de fecho simples

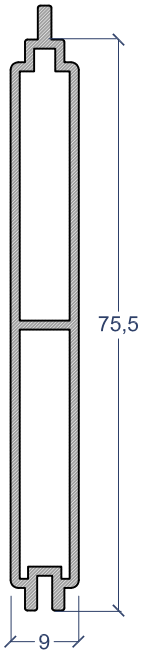
LOU/ALU

Provence

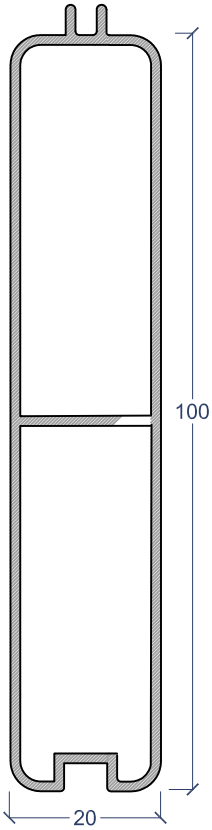
Lâminas e Remates



PT.971



W.759



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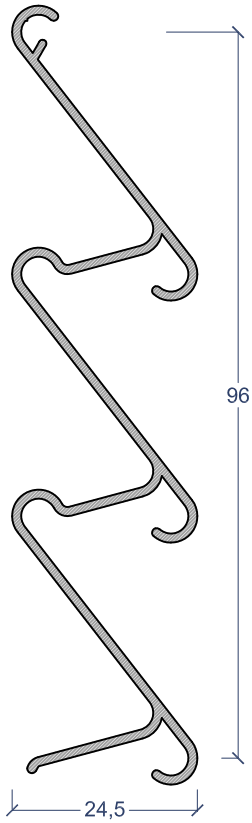
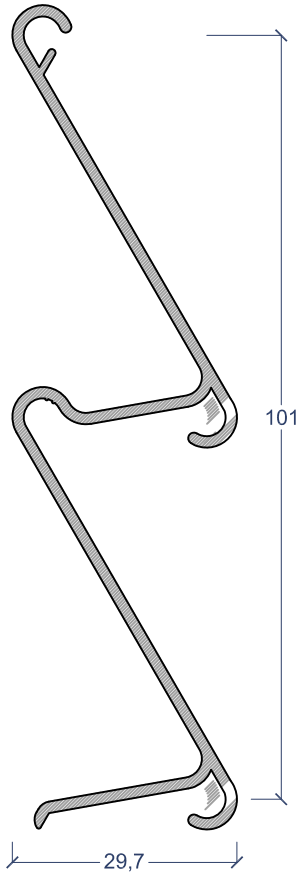


Z.97



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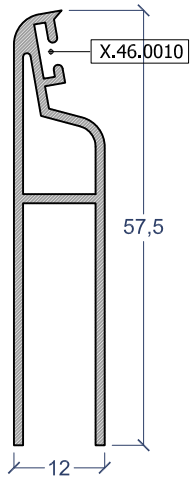
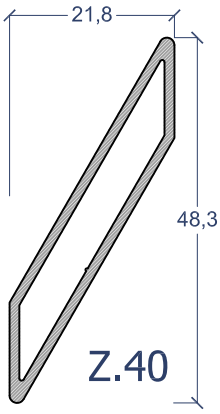
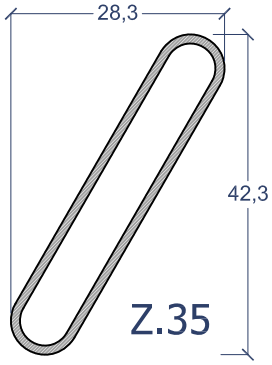


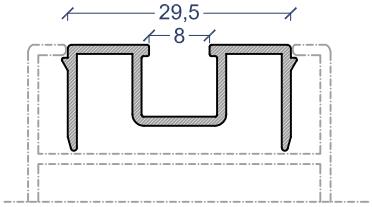
PT.972



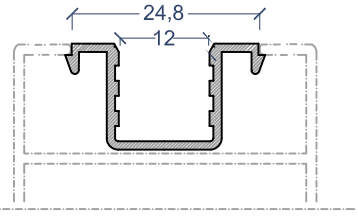
Z.40



Z.35



PT.1712



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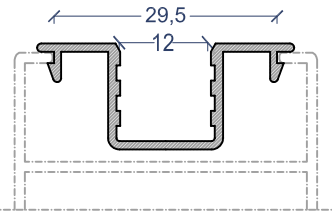
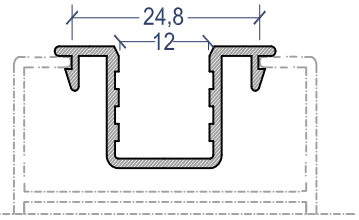
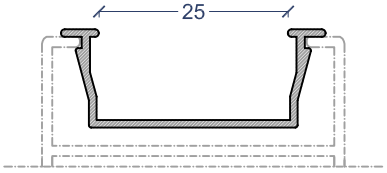


PT.830

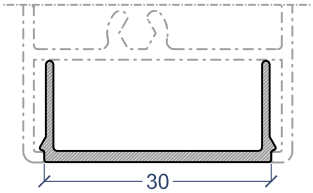


PT.895

X.46.0010
Vedante PT.971/972



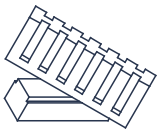
PT.930



PT.932

X.50.0028
Topo Lâmina Z.40

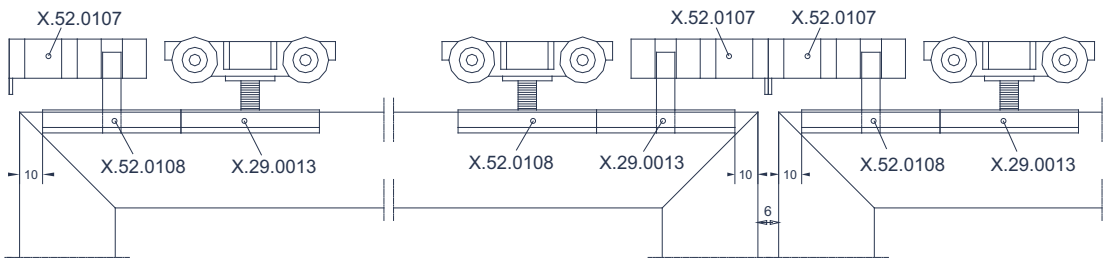
X.50.0027
Topo Lâmina Z.35

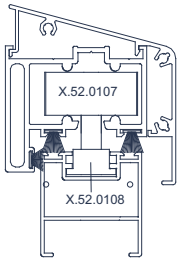


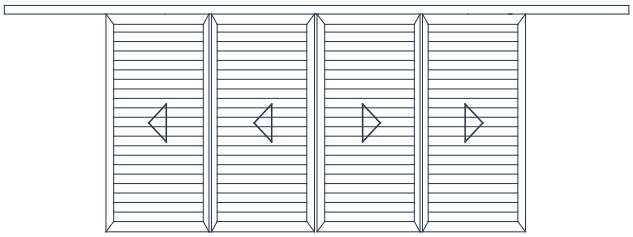
LOUSALU

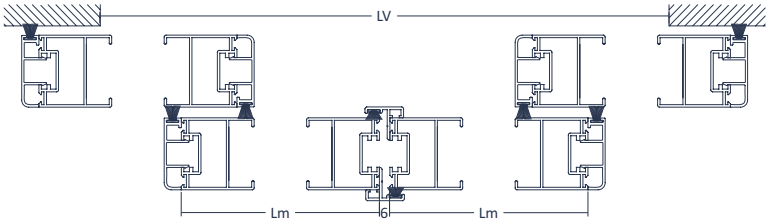
Provence

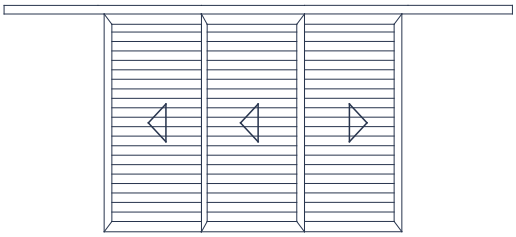
Portadas de correr - Pormenores

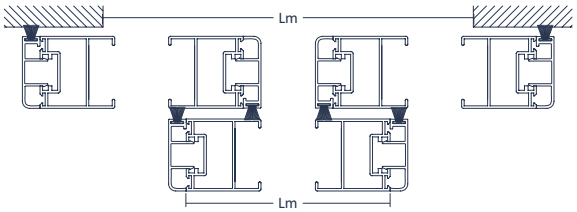


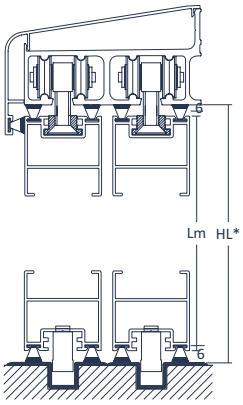


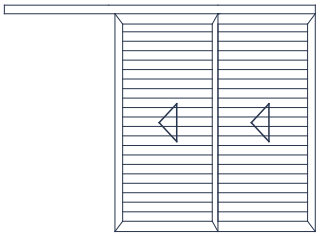


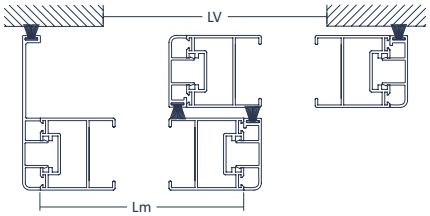


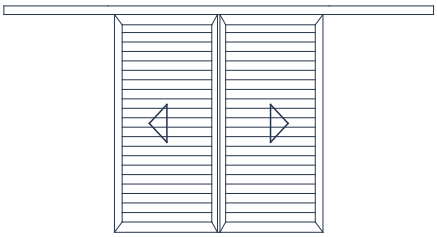


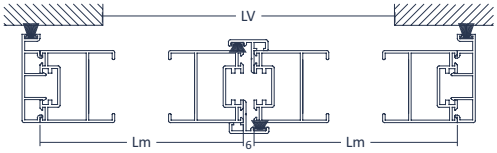


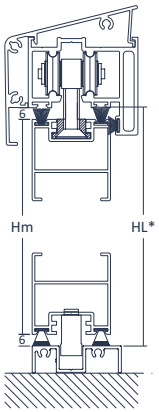


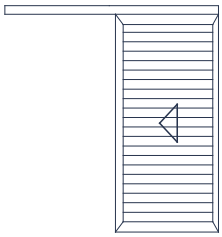


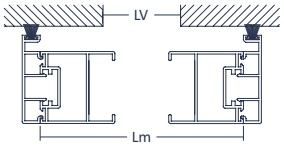




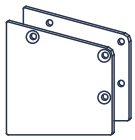
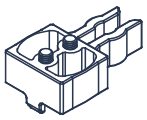
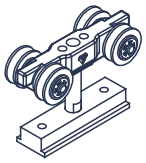
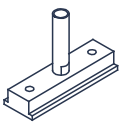
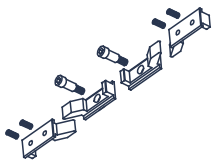
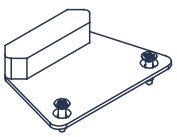








(**LV**) = Largura do Vão; (**HV**) = Altura do Vão; (**HL***) = Altura Livre; (**Lm**) = Largura do móvel; (**Hm**) = Altura do móvel

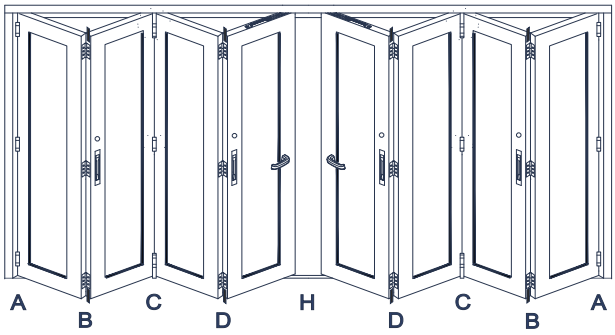
X.54.0042	X.52.0107	X.29.0013	X.52.0108	X.35.0026	X.52.0110
Topos PT.1703	Batente de rolamento	Rolam. portadas correr	Topo Batente de Eixo	Fecho Central correr	Guia de Soleira
					

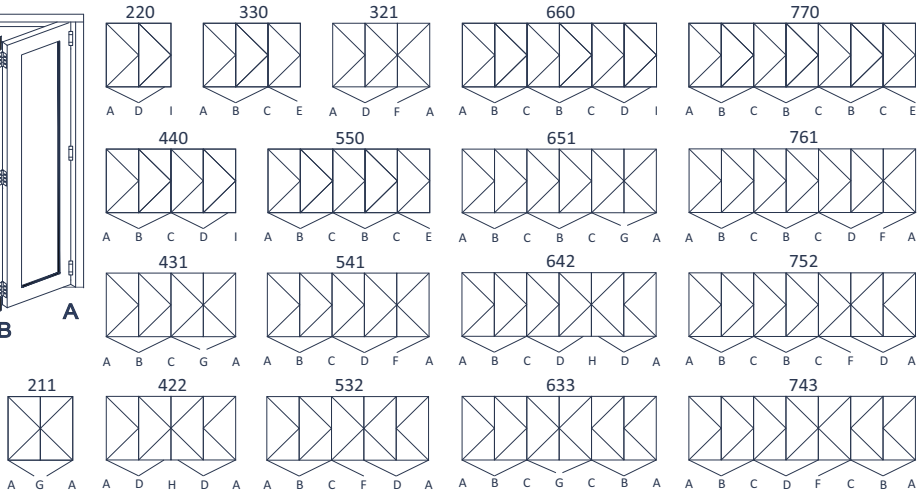
X.52.0109
Guia de Parede

LOU/ALU

Provence

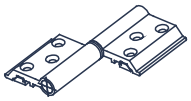
Portadas de harmónio - Esquemas



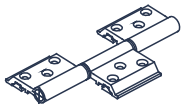


Giros / Esquemas		A	B	C	D	E	F	G	H	I
1 Folha	110	1				1				
2 Folhas	220	1			1					1
	211	2						1		
3 folhas	330	1	1	1		1				
	321	2			1		1			
4 folhas	440	1	1	1	1					1
	431	2	1	1				1		
	422	2			2				1	
5 Folhas	550	1	2	2		1				
	541	2	1	1	1		1			
	532	2	1	1	1		1			
6 Folhas	660	1	2	2	1					1
	651	2	2	2				1		
	642	2	1	1	2				1	
	633	2	2	2				1		
7 Folhas	770	1	3	3		1				
	761	2	2	2	1		1			
	752	2	2	2	1		1			
	743	2	2	2	1		1			
8 Folhas	880	1	3	3	1					1
	871	2	3	3				1		
	862	2	2	2	2				1	
	853	2	3	3				1		
	844	2	2	2	2				1	
9 Folhas	990	1	4	4		1				
	981	2	3	3	1		1			
	972	2	3	3	1		1			
	963	2	3	3	1		1			
	954	2	3	3	1		1			

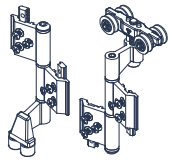
X.29.0011
Dob. Harmónio G24.1



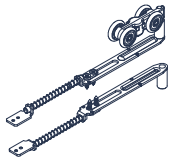
X.20.0057
Dob. Harmónio G24.2



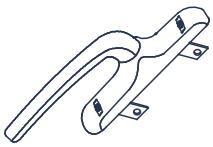
X.29.0014
Dob. Rod. Harmónio



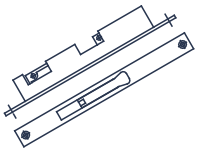
X.29.0012
Rod. Harmon Terminal



X.30.0083
Cremone

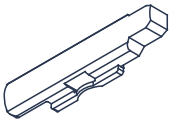


X.32.0040
Fecho de Unha

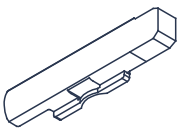


X.35.0002
Perno M8 Ligação vareta

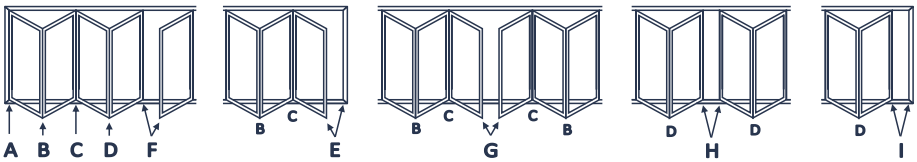
X.33.0097
Ponteira 9mm G.24.15



X.33.0082
Ponteira 14mm G.24.16



X.30.0084
Botão Puxador



Acessórios por Giro		A	B	C	D	D**	E	E1*	F	F1*	G	G1*	G2*	H	I
X.29.0011 (a)	Dobradiça 2 Abas Harmónio	2	2		2	2									
X.29.0011 (b,a)	Dobradiça 2 Abas Harmónio	1	1	1	1	1									
X.29.0014	Dobradiça Harmónio			1											
X.29.0012	Dobradiça Terminal Harm.								1	1				2	1
X.30.0083	Cremone					1		1		1	1		2		
X.30.0084	Botão Puxador		1		1		1		1		1	2			
X.32.0040	Fecho de Unha		1		1		1		1		1	2			
X.33.0097 (c)	Ponteira fecho 9mm		2		2	2	2	2	2	2	4	4	4		
X.35.0002	Perno M8 Liga Vareta		2		2	2	2	2	2	2	4	4	4		

(a) - Folhas superiores a 50 Kg, substituir por X.20.0057 dobradiça harmónio 3 abas.

(b) - Acrescentar para vãos com altura > 1,60 m

(c) - Com PT.1701 na soleira, dividir as quantidades entre X.33.0097 (ponteira de fecho de 9mm) e X.33.0082 (ponteira de fecho de 14mm)

(*) - Opcional. Em alternativa ao giro predefinido.

(**) - Opcional. Em alternativa ao giro predefinido, mas só em aberturas para o interior

LOU/ALU

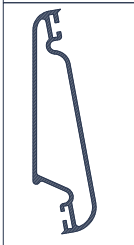
Provence

Medidas de Corte e Acessórios por Vãos

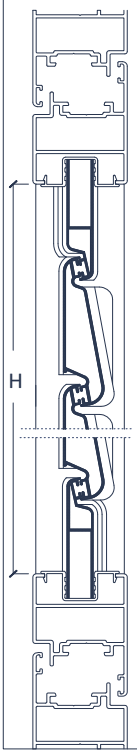
Portadas Rústicas	nº.Folhas (Janelas)				nº.folhas (portas)			
	1	2	3	4	1	2	3	4
X.29.0017 Perno dobradiça fixação parede	2	4	4	4	3	6	6	6
X.29.0018 Dobrad. 1ª folha p/ fl simples	2	4	2		3	6	3	
X.29.0019 Dobrad. 1ª.fl reforç.(Port 3 e 4Fls)			2	4			3	6
X.29.0020 Dobradiça de folha dupla			2	4			3	6
X.59.0092 Espelho ângulo dobrad. 1ª folha	1	2	2	2	1	2	2	2
X.59.0094 Espelho ângulo complem. (a)	2	4			2	4		
X.59.0093 Espelho dobradiça intermédia					1	2	2	2
X.33.0094 Ponto de fecho simples	2				2			
X.33.0093 Ponto de fecho duplo		2	4	6		2	4	6
X.56.0018 Fecho gancho 3ª e 4ª Folha			2	4			2	4
X.30.0110 Espanholeta	1	1	1	1	1	1	1	1
X.34.0020 Vareta espanholeta 1.500 mm (b)	1	1	1	1				
X.34.0021 Vareta espanholeta 2.400 mm (c)	1	1	1	1	1	1	1	1
X.51.0006 Segura portada 40 mm	1	2	1		1	2	1	
X.50.0008 Segura portada 100 mm			1	2			1	2
X.10.0012 Esquadro aperto PT.150	4	8	12	16	4	8	12	16
X.56.0019 Tampa travessa PT.650	4	4	12	16	6	12	18	24

(a) - Opcional. A usar em folhas de largura superior a 500 mm.
(b) - Para folhas até 1500 mm de altura.
(c) - Para folhas superiores a 1500 mm de altura.

Jogos porta lâminas orientáveis

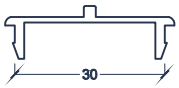


PT.971

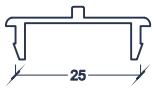


H(mm)	Lâminas
de 320 a 380	5
de 380 a 440	6
de 440 a 500	7
de 500 a 560	8
de 560 a 620	9
de 620 a 680	10
de 680 a 740	11
de 740 a 800	12
de 800 a 860	13
de 860 a 920	14
de 920 a 980	15
de 980 a 1040	16
de 1040 a 1100	17
de 1100 a 1160	18
de 1160 a 1220	19
de 1220 a 1280	20
de 1280 a 1340	21
de 1340 a 1400	22
de 1400 a 1460	23
de 1460 a 1520	24
de 1520 a 1580	25
de 1580 a 1640	26
de 1640 a 1700	27
de 1700 a 1760	28
de 1760 a 1820	29
de 1820 a 1880	30
de 1880 a 1940	31
de 1940 a 2000	32
de 2000 a 2060	33
de 2060 a 2120	34
de 2120 a 2180	35
de 2180 a 2240	36
de 2240 a 2300	37
de 2300 a 2360	38
de 2360 a 2420	39
de2420 a 2480	40

X.62.2001
Jogo Regulável de 30



X.62.1001
Jogo Regulável de 25



X.62.3005
Comando Roly

X.62.3004
Comando Alavanca

Nota: A partir de 20 lâminas, considerar 2 comandos por jogo.

Medidas de corte

Tipo de portada	nf (Número de folhas)	Perfil do Aro	La (mm) (Largura do aro)	Ha (mm) (Altura do aro)	Lm (mm) (Largura do móvel)	Hm (mm) (Altura do móvel)	Dimensões e peso máximos por folha
Batente aro completo	1 a 4 folhas	PT.101	LV	HV	(LV - (50 + (nf x 5))) / nf	HV - 55	Largura: ≤ 900mm Altura: ≤ 2600mm Peso: ≤ 60 Kg
		PT.102	LV + 32	HV + 32	(LV - (50 + (nf x 5))) / nf	HV - 55	
		PT.109	LV + 32	HV + 32	(LV - (44 + (nf x 5))) / nf	HV - 49	
Batente aro baliza		PT.101	LV	HV	(LV - (50 + (nf x 5))) / nf	HV - 33	
		PT.102	LV + 32	HV + 16	(LV - (50 + (nf x 5))) / nf	HV - 33	
		PT.109	LV + 32	HV + 16	(LV - (44 + (nf x 5))) / nf	HV - 30	
Harmónio	1 a n folhas	PT.1670	LV	HV	(LV - (69 + (nf x 6))) / nf	HV - 62	Largura: ≤ 900mm Altura: ≤ 2300mm Peso: ≤ 60 Kg
		PT.1701				HV - 80	
		PT.1710				HV - 50	
Correr suspensa	1 folha	PT.1710	LV + Lm + 85	-----	LV + 70	HL* - 12	
	2 folhas	PT.1710	LV + 2 Lm + 70	-----	(LV + 64) / 2		
	2 folhas	PT.1670	LV + Lm + 85	-----	LV + 102 / 2		
	3 folhas	PT.1670	LV + 2 Lm + 60	-----	LV + 134 / 3		
	4 folhas	PT.1670	LV + 2 Lm + 70	-----	(LV + 128) / 4		
Rústica	1 a 4 folhas	-----	-----	-----	((LV + 3) - (nf x 13)) / nf	HV - 10	

(**LV**) = Largura do Vão (**HV**) = Altura do Vão (**HL***) = Altura livre entre o perfil da padieira e o perfil ou guia da soleira.

As medidas de corte aqui apresentadas são meramente indicativas, pelo que deverão ser verificadas em oficina durante a fabricação dos caixilhos, com especial atenção nos caixilhos com elevado numero de folhas.