

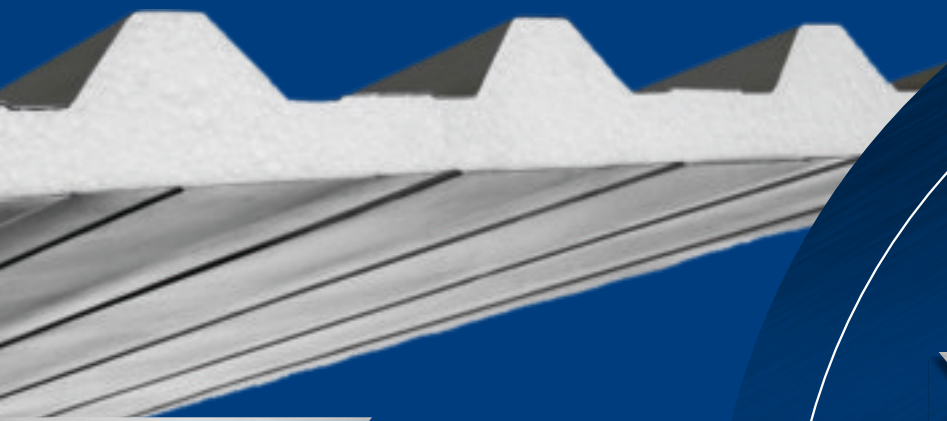


**Telhas Onduladas  
e Trapezoidais  
sob medida com Isopor**

**Fone/Fax: (46)  
3905-7700  
3524-1561  
Francisco Beltrão - PR**

# LÉOFER

**FERRO E AÇO COM CORTE E DOBRA**



**Telha Forro**

**Perfil Drywall**

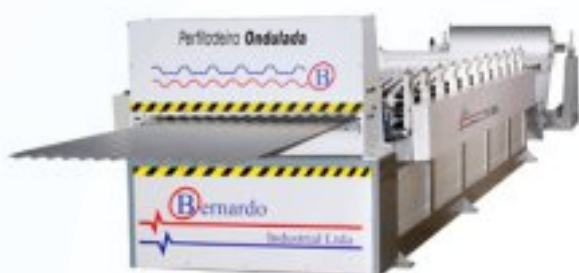




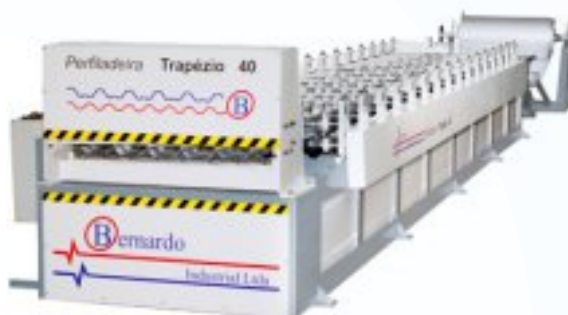
Dobradeira de 3 e 6 metros



Guilhotina



Perfiladeira Ondulada



Perfiladeira Trapézio



Máquina  
Corte a Laser

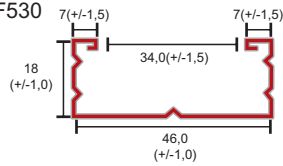


Máquina  
Plasma e Oxicorte  
Corte em ferros até 4 polegadas

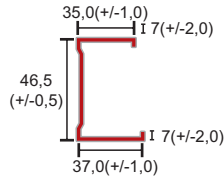


Máquina Jato de Água  
Cortes em vidro, mármore, porcelanato, acrílico,  
madeira e ferros até 8 polegadas.

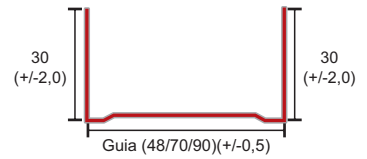
## PERFIL PARA FORRO F530



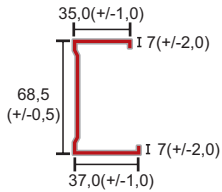
## MONTANTE 48



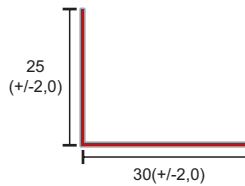
## GUIA DE 48/70/90



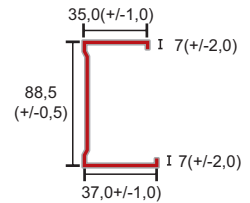
## MONTANTE 70



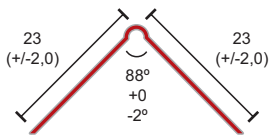
## CANTONEIRA DE FORRO LISA 25/30



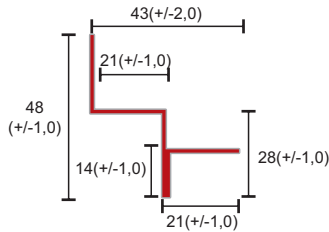
## MONTANTE 90



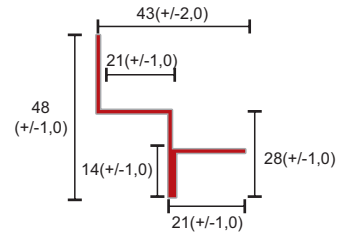
## CANTONEIRA DE PROTEÇÃO PERFURADA 23X23



## TABICA 40/80 LISA



## TABICA 40/80 BRANCA



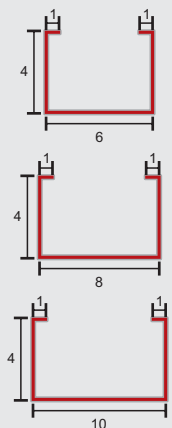
## Telhado Metálico

O sistema de construção a seco possibilita a execução de uma obra sustentável de alta qualidade, construída com agilidade, segurança e muito mais.

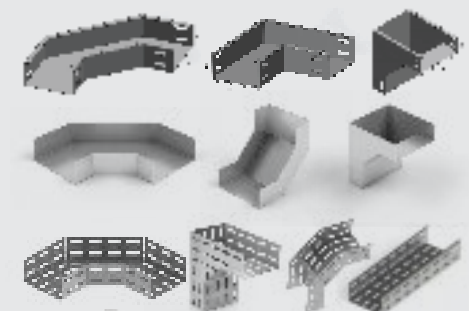
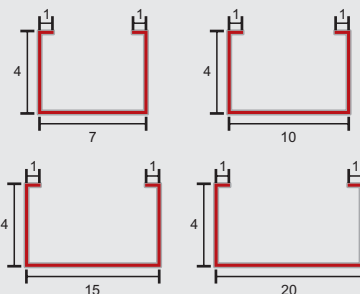
- Feito em perfiladeira;
- Leve, resistente, não sede como a madeira;
- Não precisa de pintura pois é galvanizado;
- Não precisa de solda, rapidez na montagem;
- Não suja, não queima;
- Perfil feito sob medida.

- Chapas 1,20m - 0,90m - 0,75m Galvanizado

## MONTANTES E TERÇAS



## CURVAS P/ ELETROCALHAS



PLACAS DE GESSO PARA DRYWALL  
1200x1800  
1200x2400

## Acessórios para Drywall



## Serviços de:

- Cortes de 3 e 6 metros
- Dobras de 3 e 6 metros
- Chapas pretas e Galvanizadas
- Chapas Búzios e frizadas
- Ferros Mecânicos
- Vigas
- Tubos em Geral
- Calhas de 6 metros
- Acessórios em Geral
- Telhas Trapezoidal e onduladas 0,40 e 0,50.
- Isopanel para aviários e câmeras frias
- Distribuidora de Isopor
- Corte plasma, oxicorte , Jato de água e Laser.

## Amigo Cliente

A Léofer agradece os anos compartilhados com você cliente e parceiro, no segmento metalúrgico. Obrigado.

A Léofer sente-se honrada em ofertar nossa linha de produtos variados, que oferece ao metalúrgico material de qualidade, com medidas de acordo com sua necessidade, que assim com sua economia e nossa agilidade na entrega, proporciona maior eficiência na entrega do seu produto final. Obrigado.

*“Não confunda jamais conhecimento com sabedoria.*

*Conhecimento ajuda a ganhar a vida.*

*Sabedoria a construir uma vida.”*

**CHATO**

Tam.	1/2"	5/8"	3/4"	7/8"	1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"	2 1/2"	2 3/4"	3"	3 1/4"	3 1/2"	4"	5"	6"	
Pol.																			
1/8"	0,31	0,39	0,47	0,55	0,63	0,79	0,94	1,10	1,26	1,42	1,58	1,64	1,90	2,05	2,21	2,54	3,17	3,79	
3/16"	0,47	0,59	0,71	0,83	0,94	1,18	1,42	1,66	1,89	2,13	2,37	2,61	2,85	3,08	3,32	3,80	4,75	5,69	
1/4"	0,63	0,79	0,94	1,10	1,26	1,58	1,89	2,21	2,53	2,85	3,16	3,48	3,79	4,11	4,42	5,06	6,33	7,59	
5/16"			1,20	1,40	1,58	1,97	2,37	2,80	3,16	3,57	4,00	4,35	4,80	5,14	5,53	6,33	7,91	9,49	
3/8"			1,42	1,66	1,89	2,37	2,84	3,35	3,79	4,30	4,74	5,22	5,69	6,17	6,65	7,60	9,49	11,39	
1/2"			1,90	2,20	2,53	3,16	3,79	4,42	5,06	5,70	6,32	6,96	7,59	8,22	8,85	10,10	12,65	15,18	
3/4"					3,16	3,65	4,74	5,53	6,32	7,12	7,90	8,70	9,48	10,28	11,07	12,65	15,81	18,97	
5/8"					3,80	4,75	5,70	6,65	7,59	8,85	9,48	10,44	11,38	12,33	13,28	15,18	18,97	22,77	
7/8"									8,86	9,96	11,07	12,18	13,28	14,39	15,50	17,71	22,14	26,56	
1"									10,12	11,39	12,65	13,92	15,18	16,44	17,71	20,24	25,30	30,36	

**CANTONEIRAS ABAS IGUAIS**

Tam.	5/8"	3/4"	7/8"	1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/2"	3"	4"	5"	6"	8"
Pol.														
1/8"	0,71	0,88	1,04	1,20	1,50	1,83	2,14	2,46						
3/16"				1,73	2,20	2,68	3,15	3,63	4,57	5,50				
1/4"				2,28	2,86	3,48	4,12	4,75	6,10	7,30	9,85			
5/16"						4,26	5,05	5,83	7,44	9,10	12,37			
3/8"								6,99	8,78	10,72	14,58	18,30	22,20	
1/2"									11,46	13,99	19,05	24,10	29,20	39,30
5/8"											23,40	29,80	36,00	48,70
3/4"												35,10	42,70	57,90
7/8"													49,30	67,00

**TEE**

Tam.	1/8"	3/16"
Pol.		
5/8"	0,74	
3/4"	0,88	
7/8"	1,04	
1"	1,19	1,79
1 1/4"	1,62	2,31
1 1/2"	2,21	2,83

**REDONDO**

Diam.	Peso	Diam.	Peso	Diam.	Peso
Pol.		Pol.		Pol.	
3/16"	0,13	1 3/8"	7,51	3"	35,80
1/4"	0,24	1 1/2"	8,94	3 1/4"	42,80
5/16"	0,38	1 5/8"	10,49	3 1/2"	48,70
3/8"	0,55	1 3/4"	12,17	4"	63,60
7/16"	0,75	1 7/8"	13,97	4 1/4"	71,80
1/2"	0,99	2"	15,90	4 1/2"	80,50
5/8"	1,55	2 1/8"	18,00	5"	99,40
3/4"	2,23	2 1/4"	20,10	5 1/2"	120,20
7/8"	3,04	2 3/8"	22,40	6"	143,10
1"	3,97	2 1/2"	24,80	6 1/2"	167,90
1 1/8"	5,03	2 5/8"	27,40	7"	194,70
1 1/4"	6,20	2 3/4"	30,10		

**QUADRADO**

Diam.	Peso	Diam.	Peso
Pol.		Pol.	
1/4"	0,31	1 1/5"	13,36
5/16"	0,49	1 3/4"	14,49
3/8"	0,71	1 7/8"	17,78
7/16"	0,97	2"	20,23
1/2"	1,26	2 1/8"	22,84
5/8"	1,97	2 1/4"	25,61
3/4"	2,84	2 3/8"	28,54
7/8"	3,87	2 1/2"	31,62
1"	5,06	3"	45,53
1 1/8"	6,40	3 1/2"	62,03
1 1/4"	7,90	4"	81,03
1 1/2"	11,38		

**TUBOS INDUSTRIAIS - QUADRADOS**

DIAM. EXT.	ESP. PAREDE	PESO K/G	
		MM	METRO BARRA
16X16	1,00	0,47	2,82
	1,20	0,56	3,36
	1,50	0,68	4,08
20X20	1,00	0,60	3,60
	1,20	0,71	4,26
	1,50	0,87	5,22
25X25	1,90	1,08	6,48
	1,00	0,75	4,50
	1,20	0,90	5,40
30X30	1,50	1,11	6,66
	1,90	1,38	8,28
	2,25	1,64	9,84
35X35	2,65	1,90	11,40
	1,00	0,91	5,46
	1,20	1,09	6,54
40X40	1,50	1,34	8,04
	1,90	1,68	10,08
	2,25	1,99	11,94
45X45	2,65	2,32	13,92
	3,00	2,54	15,24
	1,00	1,07	6,42
50X50	1,20	1,27	7,62
	1,50	1,58	9,48
	1,90	1,98	11,88
55X55	2,25	2,34	14,04
	2,65	2,74	16,44
	1,00	1,23	7,38
60X60	1,20	1,46	8,76
	1,50	1,81	10,86
	1,90	2,27	13,62

DIAM. EXT.	ESP. PAREDE	PESO K/G	
		MM	METRO BARRA
65X65	1,90	2,27	13,62
	2,25	2,69	16,14
	2,65	3,15	18,90
70X70	3,00	3,49	20,94
	1,20	1,84	11,04
	1,50	2,28	13,68
75X75	1,90	2,87	11,22
	2,25	3,40	20,40
	2,65	3,98	23,88
80X80	3,00	4,43	26,58
	3,35	4,97	29,82
	3,75	5,53	33,18
85X85	4,25	6,22	37,32
	1,50	2,76	16,56
	1,90	3,47	20,82
90X90	2,25	4,10	24,60
	2,65	4,81	28,86
	3,00	5,37	32,22
95X95	3,35	6,02	36,12
	3,75	6,70	40,20
	4,25	7,55	45,30
100X100	1,50	3,23	19,38
	1,90	4,06	24,36
	2,25	4,81	28,86
105X105	3,00	6,36	38,16
	3,35	7,08	42,48
	3,75	7,88	47,28
110X110	1,50	3,70	22,20
	1,90	4,66	27,96

DIAM. EXT.	ESP. PAREDE	PESO K/G	
		MM	METRO BARRA
115X115	2,25	2,52	33,12
	2,65	6,47	38,82
	3,00	7,30	43,80
120X120	3,35	8,13	48,78
	3,75	9,06	54,36
	4,25	10,22	61,32
125X125	4,75	11,36	68,16
	1,90	5,27	31,62
	2,25	6,23	37,38
130X130	2,65	7,31	43,86
	3,00	8,24	49,44
	3,35	9,18	55,08
135X135	2,25	6,91	41,46
	2,65	8,10	48,60
	3,00	9,14	54,84
140X140	3,35	10,17	61,02
	3,75	11,33	67,98
	4,25	12,78	76,68
145X145	4,75	14,21	85,26
	6,30	18,54	111,24
	2,25	8,34	50,04
150X150	2,65	9,80	58,80
	3,00	11,07	66,42
	3,35	12,33	73,98
155X155	3,75	13,76	82,56
	4,25	15,55	93,30
	4,75	17,32	103,92
160X160	6,30	22,73	136,38

**TUBOS INDUSTRIAIS - RETANGULARES**

DIAM. EXT.	ESP. PAREDE	PESO K/G	
		MM	METRO BARRA
30X20	1,00	0,75	4,50
	1,20	0,90	5,40
	1,50	1,11	6,66
32X19	1,90	1,38	8,28
	1,00	0,77	4,62
	1,20	0,92	5,52
35X15	1,50	1,13	6,78
	1,90	1,41	8,46
	1,00	0,75	4,50
35X25	1,20	0,90	5,40
	1,50	1,11	6,66
	1,90	1,38	8,28
40X20	1,00	0,91	5,46
	1,20	1,09	6,54
	1,50	1,34	8,04
40X30	1,90	1,68	10,08
	1,00	0,91	5,46
	1,20	1,09	6,54
45X25	1,50	1,34	8,04
	1,90	1,68	10,08
	1,00	1,07	6,42
50X20	1,20	1,27	7,62
	1,50	1,58	9,48
	1,90	1,98	11,88
55X25	2,25	2,31	13,86
	2,65	2,74	16,44
	3,00	3,01	18,06
60X20	1,00	1,07	6,42
	1,20	1,27	7,62
	1,50	1,58	9,48
65X25	1,90	1,98	11,88
	2,25	2,31	13,86
	2,65	2,74	16,44
70X20	3,00	3,01	18,06

DIAM. EXT.	ESP. PAREDE	PESO K/G	
		MM	METRO BARRA
50X30	1,00	1,23	7,38
	1,20	1,46	8,76
	1,50	1,81	10,86
55X30	1,90	2,27	13,62
	2,25	2,70	16,20
	2,65	3,15	18,90
60X30	3,00	3,49	20,94
	3,35	3,92	23,52
	3,75	4,36	26,16
65X30	1,20	1,65	9,90
	1,50	2,05	12,30
	1,90	2,57	15,42
70X30	2,25	3,05	18,30
	2,65	3,57	21,42
	3,00	4,01	24,06
75X30	3,35	4,45	26,70
	1,20	1,71	10,26
	1,50	2,18	13,08
80X30	1,90	2,74	16,44
	2,25	3,23	19,38
	2,65	3,77	22,62
85X30	3,00	4,24	25,44
	3,35	4,71	28,26
	3,75	5,20	31,20
90X30	1,50	2,30	13,80
	1,90	2,89	17,34
	2,25	3,40	20,40
95X30	2,65	3,98	23,88
	3,00	4,48	26,88
	3,35	4,97	29,82
100X30	3,75	5,53	33,18
	1,20	1,75	10,50
	1,50	2,17	13,02
105X30	1,90	2,72	16,32
	2,25	3,23	19,38

DIAM. EXT.	ESP. PAREDE	PESO K/G	
		MM	METRO BARRA
110X30	3,00	4,19	25,14
	1,20	1,85	11,10
	1,50	2,30	13,80
115X30	1,90	2,89	17,34
	2,25	3,40	20,40
	2,65	3,98	23,88
120X30	3,00	4,48	26,88
	1,20	2,22	13,32
	1,50	2,76	16,56
125X30	1,90	3,47	20,82
	2,25	4,11	24,66
	2,65	4,81	28,86
130X30	3,00	5,37	32,22
	3,35	6,03	36,18
	3,75	6,71	40,26
135X30	1,50	2,76	16,56
	1,90	3,47	20,82
	2,25	4,11	24,66
140X30	2,65	4,81	28,86
	3,00	5,37	32,22
	3,35	6,03	36,18
145X30	3,75	6,71	40,26
	1,50	2,76	16,56
	1,90	3,47	20,82
150X30	2,25	4,11	24,66
	2,65	4,81	28,86
	3,00	5,37	32,22
155X30	3,35	6,03	36,18
	3,75	6,71	40,26
	4,25	7,55	45,30
160X30	1,50	3,23	19,38
	1,90	4,08	24,48
	2,25	4,81	28,86
165X30	2,65	5,64	33,84
	3,00	6,36	38,16
	3,35	7,07	42,42

DIAM. EXT.	ESP. PAREDE	PESO K/G	
		MM	METRO BARRA
170X30	3,75	7,88	47,28
	4,25	8,87	53,22
	4,75	9,94	59,58
175X30	1,50	3,70	22,20
	1,90	4,36	26,10
	2,25	5,14	30,84
180X30	2,65	6,02	36,12
	3,00	6,78	40,68
	3,35	7,54	45,24
185X30	3,75	8,39	50,34
	4,25	9,44	56,64
	4,75	10,48	62,88
190X30	1,50	3,70	22,20
	1,90	4,67	28,02
	2,25	5,51	33,06
195X30	2,65	6,47	38,82
	3,00	7,30	43,80
	3,35	8,13	48,78
200X30	4,25	10,20	61,20
	4,75	11,35	68,10
	1,50	3,70	22,20
205X30	1,90	4,67	28,02
	2,25	5,51	33,06
	2,65	6,47	38,82
210X30	3,00	7,30	43,80
	3,35	8,12	48,72
	3,75	9,05	54,30
215X30	4,25	10,20	61,20
	4,75	11,35	68,10
	2,65	6,47	38,82
220X30	3,35	8,13	48,78
	4,25	10,20	61,20

**TUBOS INDUSTRIAIS REDONDOS**

DIAM. EXT.		ESP. PAREDE		PESO K/G	
POL.	MM	MM	METRO	BARRA	
3/8"	9,52	0,90	0,19	1,14	
		1,20	0,25	1,50	
		1,50	0,30	1,80	
1/2"	12,70	0,90	0,26	1,56	
		1,00	0,29	1,74	
		1,20	0,34	2,04	
		1,50	0,41	2,46	
5/8"	15,87	0,90	0,33	1,98	
		1,00	0,37	2,22	
		1,20	0,43	2,58	
		1,50	0,53	3,18	
		1,90	0,66	3,96	
3/4"	19,05	0,90	0,40	2,40	
		1,00	0,45	2,70	
		1,20	0,53	3,18	
		1,50	0,65	3,90	
		1,90	0,80	4,80	
		2,25	0,93	5,58	
13/16"	20,60	1,50	0,71	4,26	
		2,25	1,02	6,12	
		2,65	1,18	7,08	
7/8"	22,22	0,90	0,47	2,82	
		1,00	0,52	3,12	
		1,20	0,62	3,72	
		1,50	0,77	4,62	
		1,90	0,95	5,70	
1"	25,40	2,25	1,11	6,66	
		0,90	0,54	3,24	
		1,00	0,60	3,60	
		1,20	0,72	4,32	
		1,50	0,88	5,28	
		1,90	1,10	6,60	
1 1/8"	28,60	2,25	1,29	7,74	
		2,65	1,49	8,94	
		3,00	1,66	9,96	
		1,00	0,68	4,08	
		1,20	0,81	4,86	
1 1/4"	31,75	1,50	1,00	6,00	
		1,90	1,25	7,50	
		0,90	0,69	4,14	
		1,00	0,76	4,56	
		1,20	0,90	5,40	
		1,50	1,12	6,72	
		1,90	1,40	8,40	

DIAM. EXT.		ESP. PAREDE		PESO K/G			
POL.	MM	MM	METRO	BARRA			
		2,25	1,64	9,84			
		2,65	1,90	11,40			
		3,00	2,13	12,78			
1 3/8"	34,92	1,00	0,84	5,04			
		1,20	1,00	6,00			
		1,50	1,24	7,44			
		1,90	1,55	9,30			
		2,25	1,81	10,86			
		2,65	2,11	12,66			
		3,00	2,36	14,16			
		1 1/2"	38,10	0,90	0,83	4,98	
				1,00	0,92	5,52	
		1,20	1,09	6,54			
		1,50	1,35	8,10			
		1,90	1,70	10,20			
		2,25	1,99	11,94			
		2,65	2,31	13,86			
		3,00	2,60	15,60			
1 1/2"	38,10	3,35	2,87	17,22			
		1 5/8"	41,27	1,00	0,99	5,94	
				1,20	1,19	7,14	
		1,50	1,47	8,82			
		1,90	1,85	11,10			
		2,25	2,17	13,02			
		2,65	2,52	15,12			
		3,00	2,83	16,98			
1 3/4"	44,45	1,00	1,07	6,42			
		1,20	1,28	7,68			
		1,50	1,59	9,54			
		1,90	1,99	11,94			
		2,25	2,34	14,04			
		2,65	2,73	16,38			
		3,00	3,07	18,42			
		1 7/8"	47,60	1,00	1,15	6,90	
				1,20	1,37	8,22	
		1,50	1,71	10,26			
		1,90	2,14	12,84			
		2,25	2,52	15,12			
		2,65	2,94	17,64			
1 29/32"	48,30	3,00	3,30	19,80			
		1,20	1,40	8,40			
		1,50	1,73	10,38			
		1,90	2,18	13,08			
		2,25	2,56	15,36			

DIAM. EXT.		ESP. PAREDE		PESO K/G			
POL.	MM	MM	METRO	BARRA			
		2,65	2,99	17,94			
		3,00	3,36	20,16			
		1 29/32"	48/30	3,35	3,72	22,32	
2"	50,80	1,00	1,23	7,38			
		1,20	1,47	8,82			
		1,50	1,82	10,92			
		1,90	2,29	13,74			
		2,25	2,69	16,14			
		2,65	3,15	18,90			
		3,00	3,54	21,24			
		3,35	3,92	23,52			
		3,75	4,35	26,10			
		4,25	4,88	29,28			
		2 1/4"	57,15	1,00	1,39	8,34	
				1,20	1,66	9,96	
		1,50	2,06	12,36			
		1,90	2,59	15,54			
		2,25	3,05	18,30			
		2,65	3,56	21,36			
		3,00	4,01	24,06			
2 3/8"	60,33	1,20	1,75	10,50			
		1,50	2,18	13,08			
		1,90	2,74	16,44			
		2,25	3,22	19,32			
		2,65	3,77	22,62			
		3,00	4,24	25,44			
		3,35	4,71	28,26			
		3,75	5,23	31,38			
2 1/2"	63,50	4,25	5,88	35,28			
		1,20	1,84	11,04			
		1,50	2,29	13,74			
		1,90	2,89	17,34			
		2,25	3,40	20,40			
		2,65	3,98	23,88			
		3,00	4,48	26,88			
		3,35	4,97	29,82			
		3,75	5,53	33,18			
		4,25	6,21	37,26			
2 3/4"	69,85	1,20	2,03	12,18			
		1,50	2,53	15,18			
		1,90	3,18	19,08			
		2,25	3,75	22,50			
		2,65	4,39	26,34			
		3,00	4,95	29,70			

DIAM. EXT.		ESP. PAREDE		PESO K/G			
POL.	MM	MM	METRO	BARRA			
3"	76,20	1,20	2,22	13,32			
		1,50	2,76	16,56			
		1,90	3,48	20,88			
		2,25	4,10	24,60			
		2,65	4,81	28,86			
		3,00	5,42	32,52			
		3,35	6,02	36,12			
		3,75	6,70	40,20			
3 1/2"	88,90	1,50	3,23	19,38			
		1,90	4,08	24,48			
		2,25	4,81	28,86			
		2,65	5,64	33,84			
		3,00	6,36	38,16			
		3,35	7,07	42,42			
		4"	101,60	1,50	3,70	22,20	
				1,90	4,67	28,02	
				2,25	5,51	33,06	
				2,65	6,47	38,82	
		3,00	7,30	43,80			
		3,35	8,12	48,72			
		3,75	9,05	54,30			
		4,25	10,20	61,20			
		4,75	11,35	68,10			
5"	127,00	2,25	6,92	41,52			
		2,65	8,13	48,78			
		3,00	9,17	55,02			
		3,35	10,22	61,32			
		3,75	11,40	68,40			
5 1/2"	139,70	4,25	12,87	77,22			
		2,25	7,63	45,78			
		2,65	8,96	53,76			
		3,00	10,11	60,66			
		3,35	11,27	67,62			
		3,75	12,57	75,42			
		4,25	14,20	85,20			
		6"	152,40	2,25	8,33	49,98	
				2,65	9,79	58,74	
				3,00	11,05	66,30	
		3,35	12,31	73,86			
		3,75	13,75	82,50			
		4,25	15,53	93,18			
		4,75	17,30	103,80			

**Chapas Finas a Quente**

<b>Bitola</b>	<b>Espessura p/ mm</b>	<b>Peso p/m<sup>2</sup></b>
16	1,50	11,800
14	2,00	15,940
13	2,25	18,060
12	2,65	20,880
11	3,00	24,000
10	3,35	26,540
9	3,75	30,000
8	4,25	33,566
3/16	4,76	37,348
1/4	6,30	53,500
5/16	7,93	63,200
3/8	9,53	75,840
1/2	12,70	101,130

**Chapas Finas a Frio**

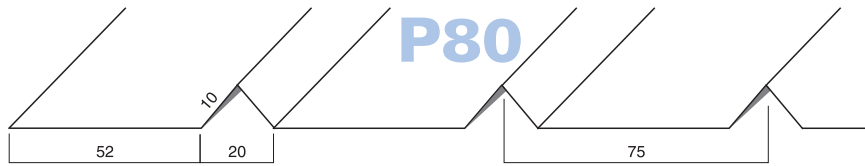
<b>Bitola</b>	<b>Espessura p/ mm</b>	<b>Peso p/m<sup>2</sup></b>
22	0,75	6,000
20	0,90	7,100
18	1,20	9,500
16	1,50	11,800

**Chapas Galvanizadas**

<b>Bitola</b>	<b>Espessura p/ mm</b>	<b>Peso p/m<sup>2</sup></b>
30	0,35	2,250
28	0,43	3,500
26	0,50	4,000
24	0,65	5,200
22	0,80	6,300
20	0,95	7,600
18	1,25	10,000
16	1,55	12,400
14	1,95	15,600

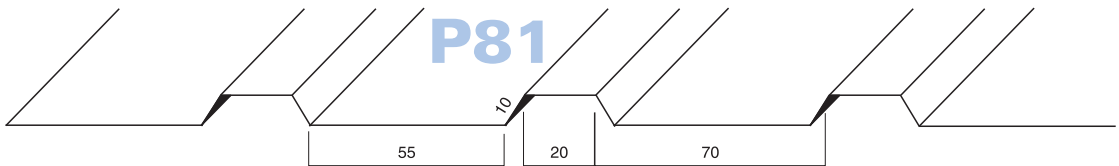


**Chapas Frizadas**



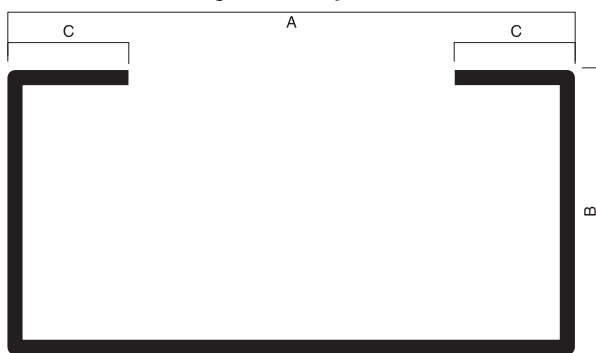
<i>Espessura p/ mm</i>	<i>Tamanho em mm</i>	<i>Peso</i>	<i>Espessura p/ mm</i>	<i>Tamanho em mm</i>	<i>Peso</i>
0,75	2000x950	12,30	0,75	2000x1140	15,00
0,75	2200x950	13,50	0,75	2200x1140	16,50
0,75	2500x950	15,40	0,75	2500x1140	18,80
0,75	3000x950	18,45	0,75	3000x1140	22,50
0,90	2000x950	14,00	0,90	2000x1140	17,00
0,90	2200x950	15,50	0,90	2200x1140	18,70
0,90	2500x950	18,00	0,90	2500x1140	21,30
0,90	3000x950	21,70	0,90	3000x1140	26,00

**Chapas Trapezoidal Pequeno**



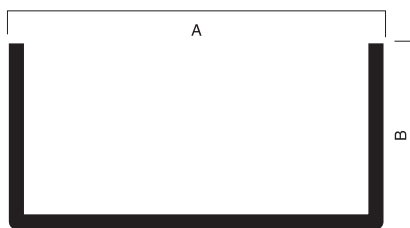
<i>Espessura p/ mm</i>	<i>Tamanho em mm</i>	<i>Peso</i>	<i>Espessura p/ mm</i>	<i>Tamanho em mm</i>	<i>Peso</i>
0,75	2000x950	12,30	0,75	2000x1140	15,00
0,75	2200x950	13,50	0,75	2200x1140	16,50
0,75	2500x950	15,40	0,75	2500x1140	18,80
0,75	3000x950	18,45	0,75	3000x1140	22,50
0,90	2000x950	14,00	0,90	2000x1140	17,00
0,90	2200x950	15,50	0,90	2200x1140	18,70
0,90	2500x950	18,00	0,90	2500x1140	21,30
0,90	3000x950	21,70	0,90	3000x1140	26,00

**Terças Enrijecidas**



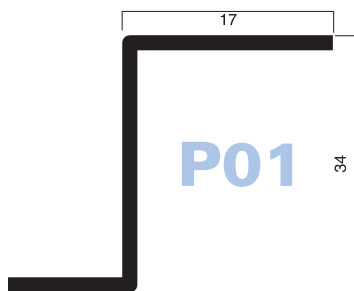
A	B	C	KG/M	Chapa
75	38	16	2.670	14 = 2.00
75	38	16	3.040	13 = 2.25
75	38	16	3.470	12 = 2.66
75	38	16	3.870	11 = 3.00
100	40	16	3.110	14 = 2.00
100	40	16	3.580	13 = 2.25
100	40	16	4.080	12 = 2.66
100	40	16	4.575	11 = 3.00

**Perfil "U" Estrutural**



A	B	KG/M	Chapa
50	25	1.450	14 = 2.00
75	38	2.250	14 = 2.00
75	38	2.570	13 = 2.25
75	38	2.945	12 = 2.66
75	38	3.350	11 = 3.00
100	50	3.015	14 = 2.00
100	50	3.450	13 = 2.25
100	50	3.970	12 = 2.66
100	50	4.550	11 = 3.00
100	50	6.770	3/16 = 4.75

## Zeção ou Z Grandão

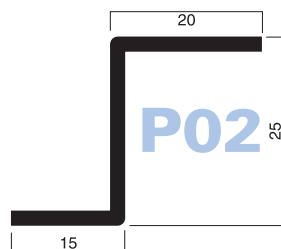


CH. 1.20 mm - 2.17 Kg c/3.00m

CH. 1.50 mm - 2.67 Kg c/3.00m

CH. 2.00 mm - 3.40 Kg c/3.00m

## Zezinho ou Z Pequeno

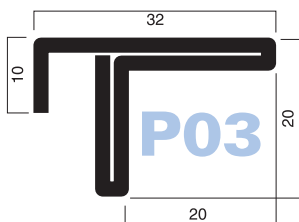


CH. 1.20 mm - 1.61 Kg c/3.00m

CH. 1.50 mm - 2.00 Kg c/3.00m

CH. 2.00 mm - 2.70 Kg c/3.00m

## Engate Janela Simples



CH. 1.20 mm - 2,78 Kg c/3.00m

## "U" Manco

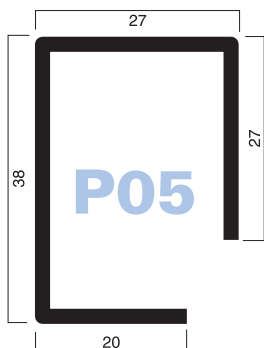


CH. 1.20 mm - 1.70 Kg c/3.00m

CH. 1.50 mm - 2.05 Kg c/3.00m

CH. 2.00 mm - 2.70 Kg c/3.00m

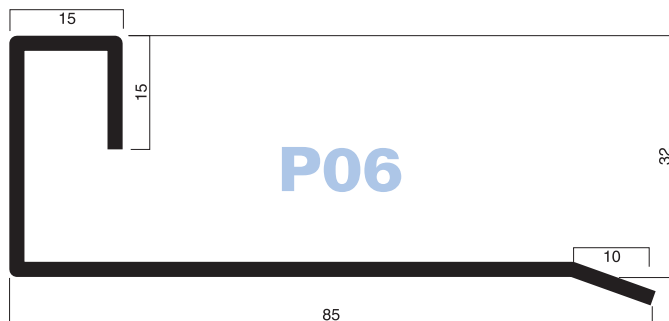
## Trilho Janela Correr



CH. 1.20 mm - 3.07 Kg c/3.00m

CH. 1.50 mm - 3.77 Kg c/3.00m

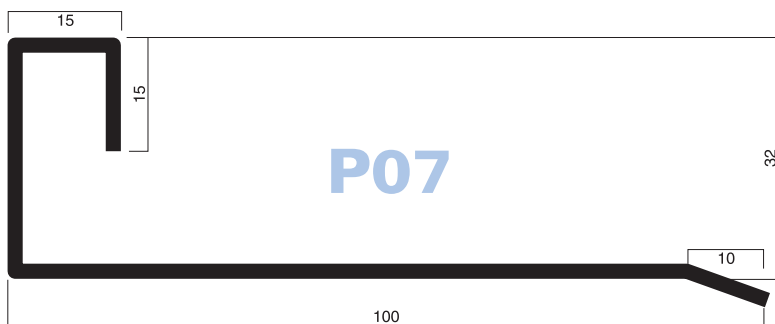
## Soleira de 8,5



CH. 1.20 mm - 4.10 Kg c/3.00m

CH. 1.50 mm - 5.05 Kg c/3.00m

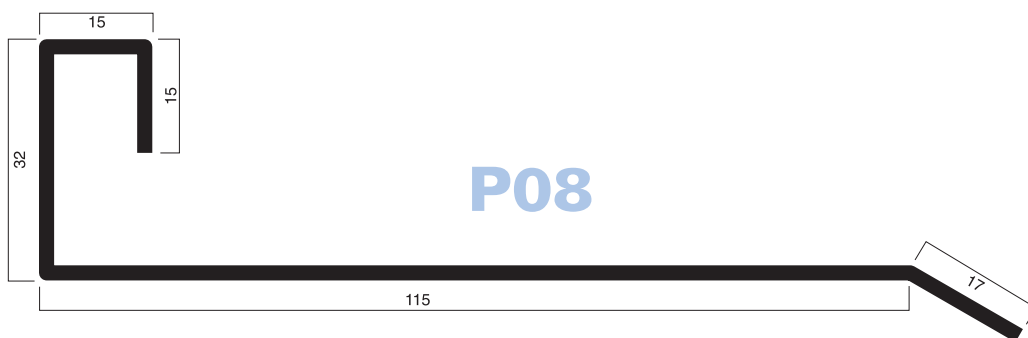
**Soleira de 10**



**CH. 1.20 mm - 4.54 Kg c/3.00m**

**CH. 1.50 mm - 5.67 Kg c/3.00m**

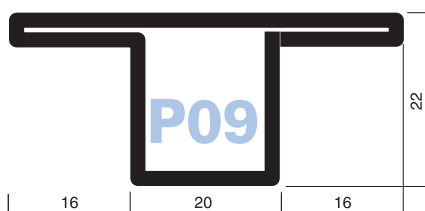
**Soleira de 15**



**CH. 1.20 mm - 5.56 Kg c/3.00m**

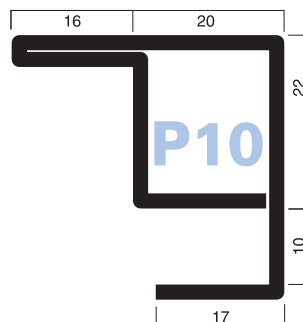
**CH. 1.50 mm - 6.95 Kg c/3.00m**

**"T" para Janela Baguete**



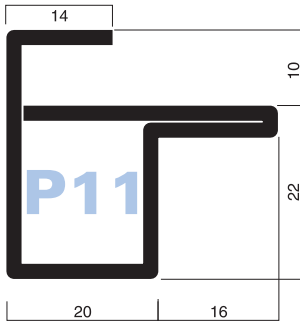
**CH. 1.20 mm - 4.10 Kg c/3.00m**

**Engate Correr Janela Baguete**



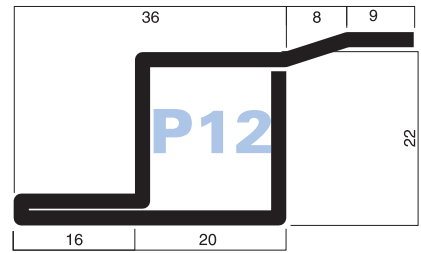
**CH. 1.20 mm - 3.86 Kg c/3.00m**

**Engate Fixo Janela Baguete**



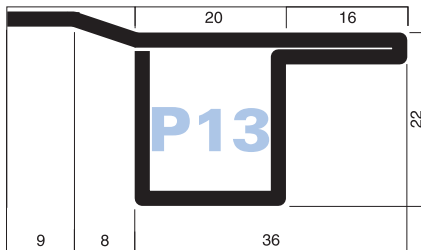
**CH. 1.20 mm - 3.78 Kg c/3.00m**

**"Z" Vedação Janela Baguete**



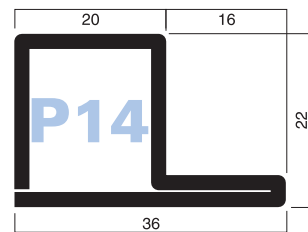
**CH. 1.20 mm - 3.66 Kg c/3.00m**

**"T" Vedação Janela Baguete**



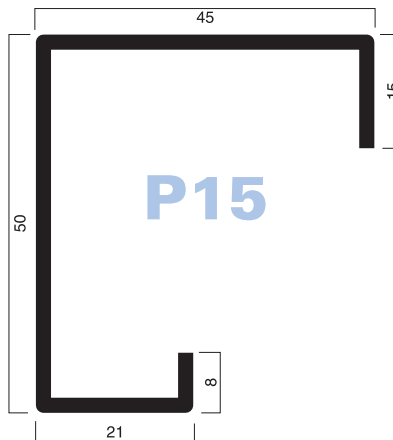
**CH. 1.20 mm - 3.66 Kg c/3.00m**

**Cantoneira Janela Baguete**



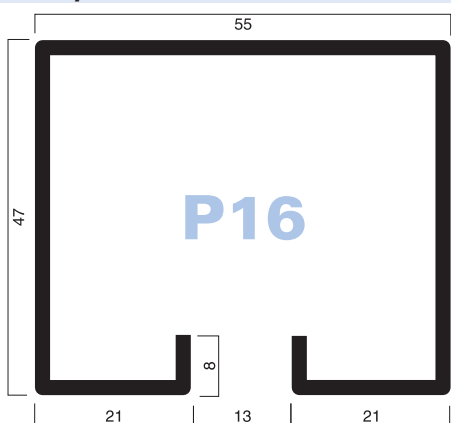
**CH. 1.20 mm - 3.10 Kg c/3.00m**

**Trilho Janela de Correr**



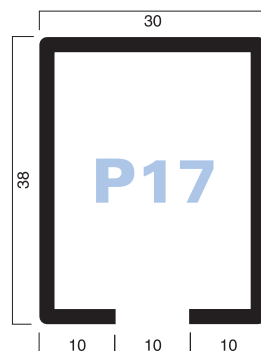
**CH. 1.20 mm - 3.77 Kg c/3.00m**  
**CH. 1.50 mm - 4.66 Kg c/3.00m**

**Trilho Superior Porta**



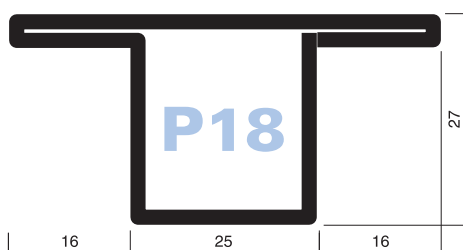
**CH. 1.20 mm - 5.65 Kg c/3.00m**

**Trilho Guia Porta**



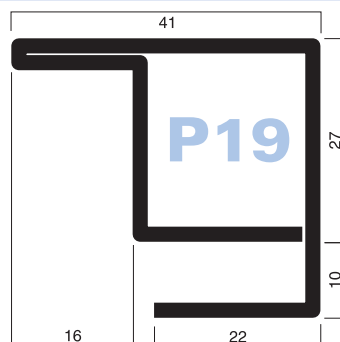
**CH. 1.20 mm - 3.40 Kg c/3.00m**  
**CH. 1.50 mm - 4.17 Kg c/3.00m**

**"T" Para Porta de Baguete**



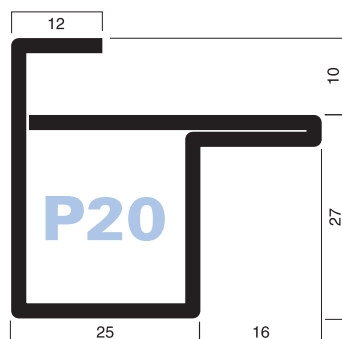
**CH. 1.20 mm - 4.68 Kg c/3.00m**

**Engate Correr Porta Baguete**



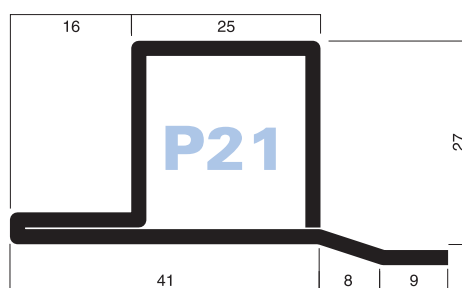
**CH. 1.20 mm - 4.62 Kg c/3.00m**

**Engate Fixo Porta Baguete**



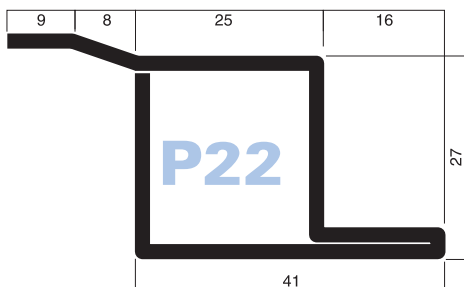
**CH. 1.20 mm - 4.33 Kg c/3.00m**

**"T" Vedação Porta Baguete**



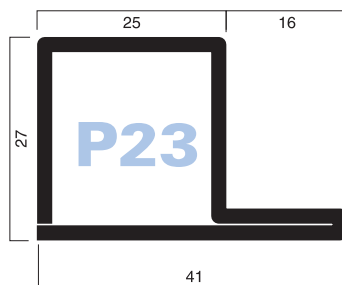
**CH. 1.20 mm - 4.24 Kg c/3.00m**

*"Z" Vedação Porta Baguete*



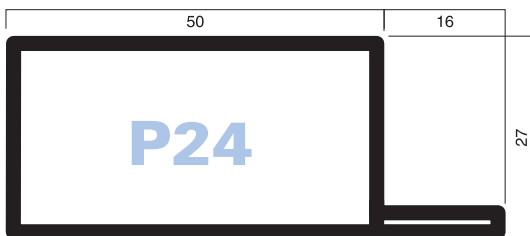
**CH. 1.20 mm - 4.24 Kg c/3.00m**

*Cantoneira 2,5 Porta Baguete*



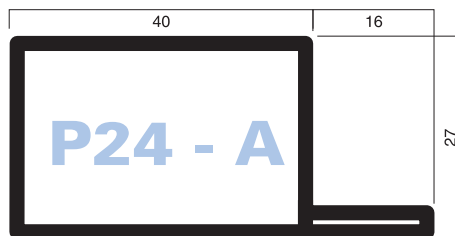
**CH. 1.20 mm - 3.70 Kg c/3.00m**

*Cantoneira 5 Porta Baguete*



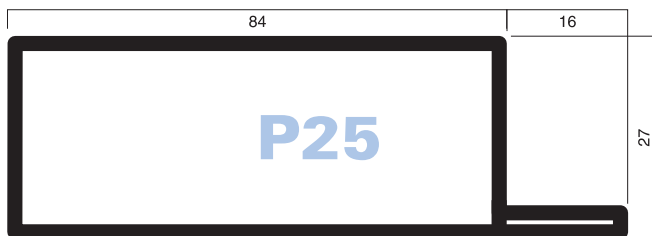
**CH. 1.20 mm - 5.20 Kg c/3.00m**

*Cantoneira 5 Porta Baguete*



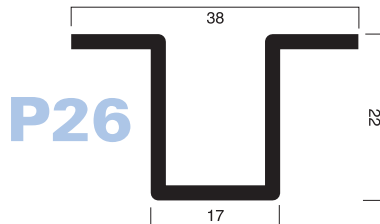
**CH. 1.20 mm - 4.56 Kg c/3.00m**

*Cantoneira Grande Porta Baguete*



**CH. 1.20 mm - 6.38 Kg c/3.00m**

*Trilho Inferior Porta*

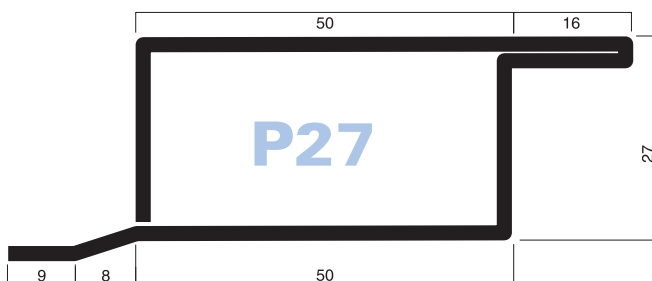


**CH. 1.20 mm - 2.19 Kg c/3.00m**

**CH. 1.50 mm - 2.67 Kg c/3.00m**

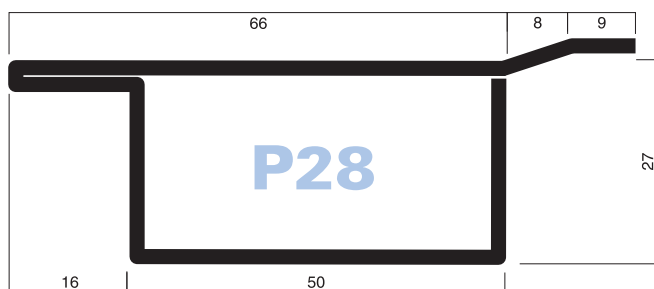
**CH. 2.00 mm - 3.55 Kg c/3.00m**

**"Z" Vedação Grande Porta Baguete**



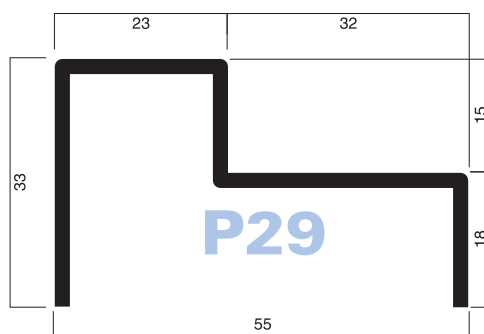
**CH. 1.20 mm - 5.68 Kg c/3.00m**

**"T" Vedação Grande Porta Baguete**



**CH. 1.20 mm - 5.68 Kg c/3.00m**

**Marco Para Porta**



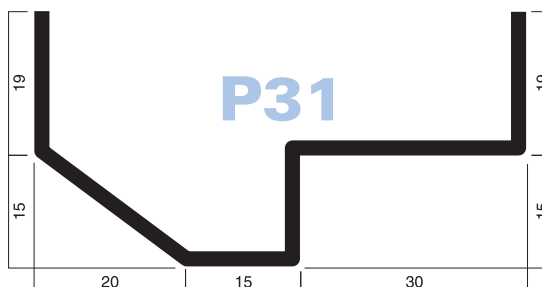
**CH. 1.20 mm - 3.31 Kg c/3.00m**  
**CH. 1.50 mm - 4.06 Kg c/3.00m**

**"T" Grande Porta Baguete**



**CH. 1.20 mm - 6.15 Kg c/3.00m**

**Marco Para Porta**



**CH. 1.20 mm - 3.39 Kg c/3.00m**  
**CH. 1.50 mm - 4.17 Kg c/3.00m**



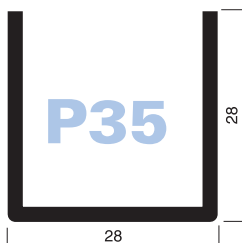
**Elezinho**

**P32**



**CH. 1.20 mm - 0.96 Kg c/3.00m**

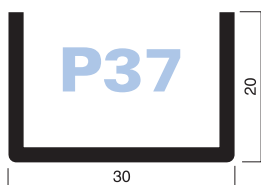
**CH. 1.50 mm - 1.17 Kg c/3.00m**



**CH. 1.20 mm - 2.30 Kg c/3.00m**

**CH. 1.50 mm - 2.85 Kg c/3.00m**

**CH. 2.00 mm - 3.65 Kg c/3.00m**



**CH. 1.20 mm - 1.90 Kg c/3.00m**

**CH. 1.50 mm - 2.34 Kg c/3.00m**



**CH. 1.20 mm - 2.37 Kg c/3.00m**

**CH. 1.50 mm - 2.92 Kg c/3.00m**

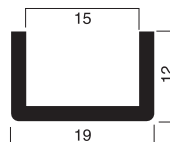
**P33**



**CH. 1.20 mm - 0.70 Kg c/3.00m**

**Uzinhos Pantográficos**

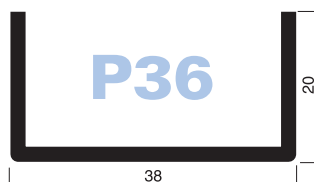
**P34**



**CH. 1.20 mm - 1.10 Kg c/3.00m**

**CH. 1.50 mm - 1.30 Kg c/3.00m**

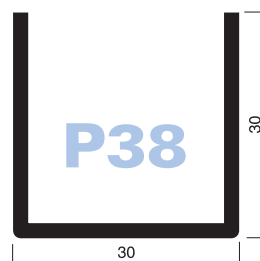
**CH. 2.00 mm - 1.78 Kg c/3.00m**



**CH. 1.20 mm - 2.13 Kg c/3.00m**

**CH. 1.50 mm - 2.60 Kg c/3.00m**

**CH. 2.00 mm - 3.35 Kg c/3.00m**



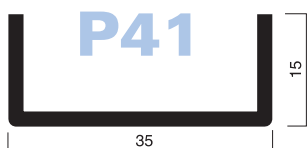
**CH. 1.20 mm - 2.49 Kg c/3.00m**

**CH. 1.50 mm - 3.07 Kg c/3.00m**



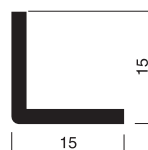
**CH. 1.20 mm - 2.37 Kg c/3.00m**

**CH. 1.50 mm - 2.92 Kg c/3.00m**



**CH. 1.20 mm - 1.41 Kg c/3.00m**

**P42**



**CH. 1.20 mm - 0.80 Kg c/3.00m**

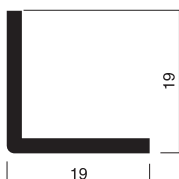
**CH. 1.50 mm - 0.96 Kg c/3.00m**

**CH. 2.00 mm - 1.20 Kg c/3.00m**

**CH. 2.25 mm - 1.48 Kg c/3.00m**

**CH. 2.65 mm - 1.66 Kg c/3.00m**

**P43**



**CH. 1.20 mm - 1.02 Kg c/3.00m**

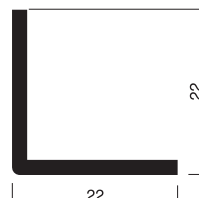
**CH. 1.50 mm - 1.24 Kg c/3.00m**

**CH. 2.00 mm - 1.60 Kg c/3.00m**

**CH. 2.25 mm - 1.86 Kg c/3.00m**

**CH. 2.65 mm - 2.17 Kg c/3.00m**

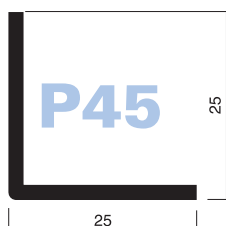
**P44**



**CH. 2.00 mm - 1.83 Kg c/3.00m**

**CH. 2.65 mm - 2.50 Kg c/3.00m**

**P45**

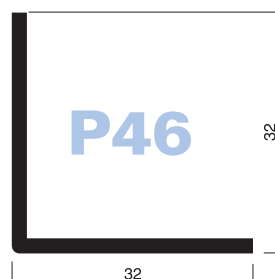


**CH. 2.00 mm - 2.10 Kg c/3.00m**

**CH. 2.65 mm - 2.88 Kg c/3.00m**

**Cantoneira  
para Porta**

**P46**



**CH. 1.50 mm - 2.16 Kg c/3.00m**

**CH. 2.00 mm - 2.74 Kg c/3.00m**

**CH. 2.25 mm - 3.24 Kg c/3.00m**

**CH. 2.65 mm - 3.78 Kg c/3.00m**

**P47**

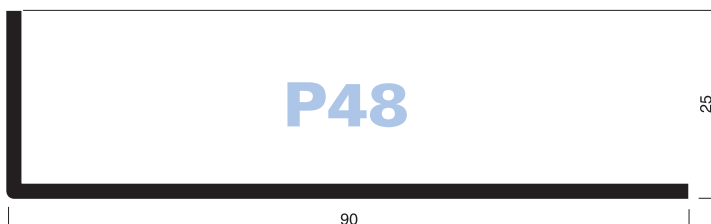


**CH. 1.20 mm - 2.28 Kg c/3.00m**

**CH. 1.50 mm - 2.81 Kg c/3.00m**

**CH. 2.00 mm - 3.70 Kg c/3.00m**

**P48**



**CH. 1.50 mm - 4.10 Kg c/3.00m**

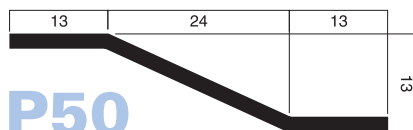
**CH. 2.00 mm - 5.08 Kg c/3.00m**

**CH. 2.65 mm - 6.90 Kg c/3.00m**

**P49**

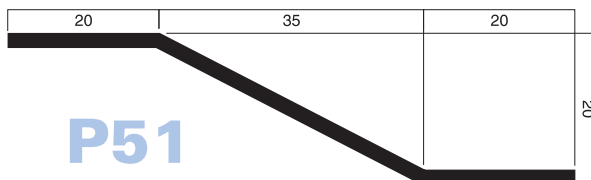


**CH. 1.20 mm - 0.90 Kg c/3.00m**



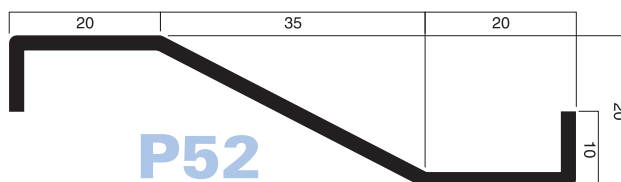
**P50**

**CH. 1.20 mm - 1.49 Kg c/3.00m**



**P51**

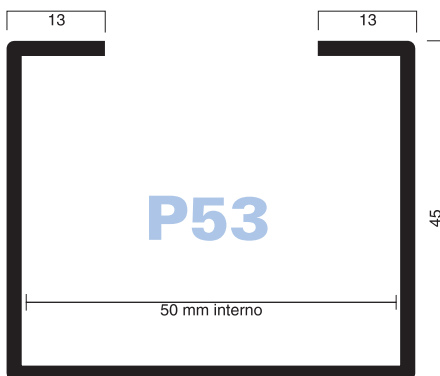
**CH. 1.20 mm - 2.34 Kg c/3.00m**



**P52**

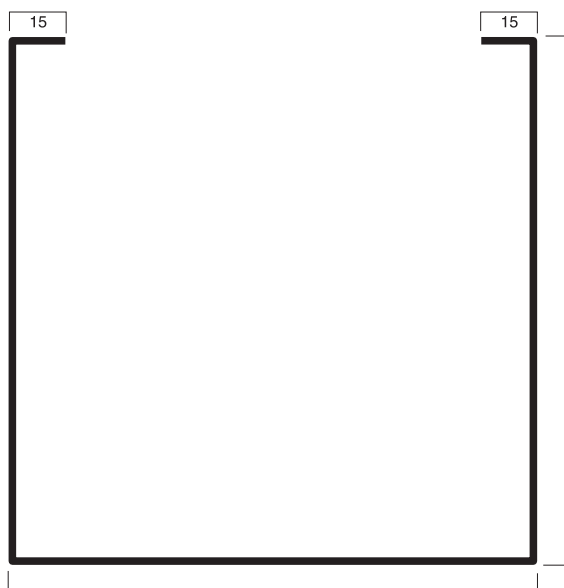
**CH. 1.20 mm - 2.81 Kg c/3.00m**

**Trilho**



**P53**

**CH. 1.50 mm - 5.63 Kg c/3.00m**  
**CH. 2.00 mm - 7.40 Kg c/3.00m**



**Coluna Porta de Elevação**

**Tampa Porta de Elevação**



**P54** *Coluna 120mm*  
 CH. 1.20 mm - 10.60 Kg c/3.00m  
 CH. 1.50 mm - 13.22 Kg c/3.00m

**P54 A** *Tampa 120mm*  
 CH. 1.20 mm - 3.70 Kg c/3.00m  
 CH. 1.50 mm - 4.60 Kg c/3.00m

**P55** *Coluna 140mm*  
 CH. 1.20 mm - 12.50 Kg c/3.00m  
 CH. 1.50 mm - 16.03 Kg c/3.00m  
 CH. 2.00 mm - 19.86 Kg c/3.00m

**P55 A** *Tampa 140mm*  
 CH. 1.20 mm - 4.33 Kg c/3.00m  
 CH. 1.50 mm - 5.37 Kg c/3.00m

**P56** *Coluna 150mm*  
 CH. 1.20 mm - 13.46 Kg c/3.00m  
 CH. 1.50 mm - 17.13 Kg c/3.00m  
 CH. 2.00 mm - 22.30 Kg c/3.00m

**P56 A** *Tampa 150mm*  
 CH. 1.20 mm - 4.61 Kg c/3.00m  
 CH. 1.50 mm - 5.73 Kg c/3.00m

**P57** *Coluna 160mm*  
 CH. 1.20 mm - 14.13Kg c/3.00m  
 CH. 1.50 mm - 18.23Kg c/3.00m  
 CH. 2.00 mm - 23.80Kg c/3.00m

**P57 A** *Tampa 160mm*  
 CH. 1.20 mm - 4.89 Kg c/3.00m  
 CH. 1.50 mm - 6.08 Kg c/3.00m

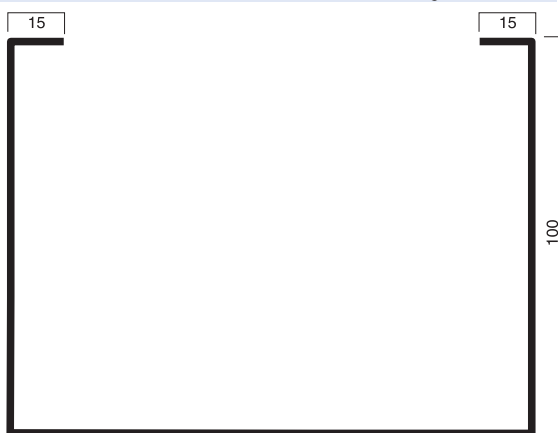
**P58** *Coluna 180mm*  
 CH. 1.20 mm - 15.82 Kg c/3.00m  
 CH. 1.50 mm - 19.80 Kg c/3.00m  
 CH. 2.00 mm - 26.70 Kg c/3.00m

**P58 A** *Tampa 180mm*  
 CH. 1.20 mm - 5.45 Kg c/3.00m  
 CH. 1.50 mm - 6.81 Kg c/3.00m

**P59** *Coluna 200mm*  
 CH. 1.20 mm - 17.50 Kg c/3.00m  
 CH. 1.50 mm - 21.90 Kg c/3.00m  
 CH. 2.00 mm - 29.60 Kg c/3.00m

**P59 A** *Tampa 200mm*  
 CH. 1.20 mm - 6.07 Kg c/3.00m  
 CH. 1.50 mm - 7.60 Kg c/3.00m

*Coluna de Cima - Porta de Elevação*



**P62**

*Coluna 120mm*

**CH. 1.20 mm - 9.82 Kg c/3.00m**

**CH. 1.50 mm - 12.12 Kg c/3.00m**

**P65**

*Coluna 160mm*

**CH. 1.20 mm - 10.73 Kg c/3.00m**

**CH. 1.50 mm - 13.41 Kg c/3.00m**

**P63**

*Coluna 140mm*

**CH. 1.20 mm - 10.17 Kg c/3.00m**

**CH. 1.50 mm - 12.71 Kg c/3.00m**

**P66**

*Coluna 180mm*

**CH. 1.20 mm - 11.30 Kg c/3.00m**

**CH. 1.50 mm - 14.13 Kg c/3.00m**

**P64**

*Coluna 150mm*

**CH. 1.20 mm - 10.50 Kg c/3.00m**

**CH. 1.50 mm - 13.06 Kg c/3.00m**

**P67**

*Coluna 200mm*

**CH. 1.20 mm - 11.86 Kg c/3.00m**

**CH. 1.50 mm - 14.83 Kg c/3.00m**

*Coluna de Cima - Porta de Elevação*



**P68**

*Coluna 120mm*

**CH. 1.20 mm - 7.55 Kg c/3.00m**

**CH. 1.50 mm - 9.31 Kg c/3.00m**

**P71**

*Coluna 160mm*

**CH. 1.20 mm - 8.68 Kg c/3.00m**

**CH. 1.50 mm - 10.72 Kg c/3.00m**

**P69**

*Coluna 140mm*

**CH. 1.20 mm - 8.12 Kg c/3.00m**

**CH. 1.50 mm - 10.02 Kg c/3.00m**

**P72**

*Coluna 180mm*

**CH. 1.20 mm - 9.25 Kg c/3.00m**

**CH. 1.50 mm - 11.43 Kg c/3.00m**

**P70**

*Coluna 150mm*

**CH. 1.20 mm - 8.40 Kg c/3.00m**

**CH. 1.50 mm - 10.37 Kg c/3.00m**

**P73**

*Coluna 200mm*

**CH. 1.20 mm - 9.81 Kg c/3.00m**

**CH. 1.50 mm - 12.13 Kg c/3.00m**

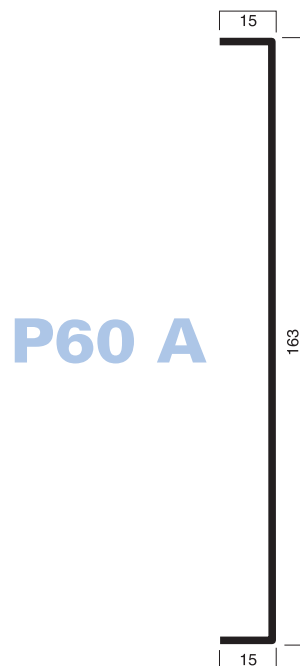
## Coluna Elevação



## Coluna - Elevações

CH. 1.50 mm - 20.68 Kg c/3.00m  
esc 1:2

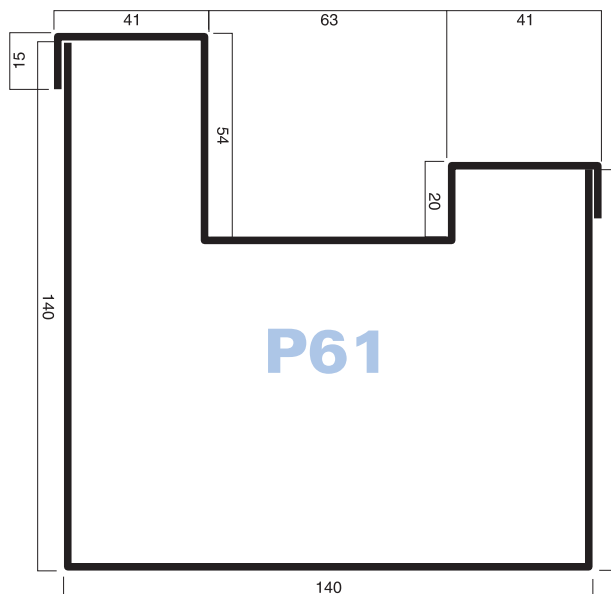
## Tampa Coluna



## Tampa Coluna

CH. 1.50 mm - 20.68 Kg c/3.00m  
esc 1:2

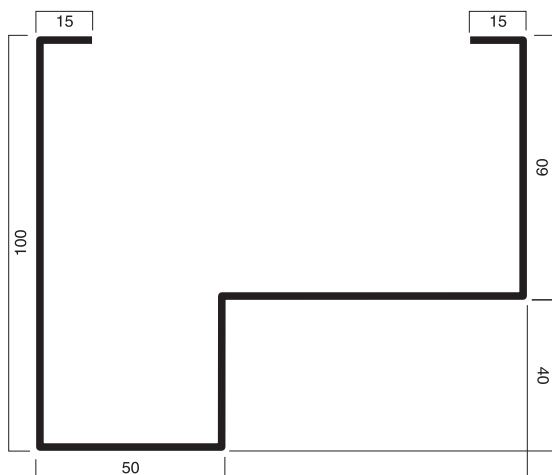
## Contrapeso



## Contrapeso

CH. 1.50 mm - 21.70 Kg c/3.00m  
esc 1:2

**Batente Coluna Porta de Elevação**



**Tampa para Batente**



**P74** Batente para Coluna 120mm  
 CH. 1.20 mm - 9.68 Kg c/3.00m  
 CH. 1.50 mm - 11.92 Kg c/3.00m

**P74 A** Tampa para Batente 120mm  
 CH. 1.20 mm - 4.20 Kg c/3.00m

**P75** Batente para Coluna 140mm  
 CH. 1.20 mm - 10.24 Kg c/3.00m  
 CH. 1.50 mm - 12.63 Kg c/3.00m

**P75 A** Tampa para Batente 140mm  
 CH. 1.20 mm - 4.76 Kg c/3.00m

**P76** Batente para Coluna 150mm  
 CH. 1.20 mm - 10.53 Kg c/3.00m  
 CH. 1.50 mm - 12.98 Kg c/3.00m

**P76 A** Tampa para Batente 150mm  
 CH. 1.20 mm - 5.05 Kg c/3.00m

**P77** Batente para Coluna 160mm  
 CH. 1.20 mm - 10.81 Kg c/3.00m  
 CH. 1.50 mm - 13.34 Kg c/3.00m

**P77 A** Tampa para Batente 160mm  
 CH. 1.20 mm - 5.33 Kg c/3.00m

**P78** Batente para Coluna 180mm  
 CH. 1.20 mm - 11.37 Kg c/3.00m  
 CH. 1.50 mm - 14.04 Kg c/3.00m

**P78 A** Tampa para Batente 180mm  
 CH. 1.20 mm - 5.89 Kg c/3.00m

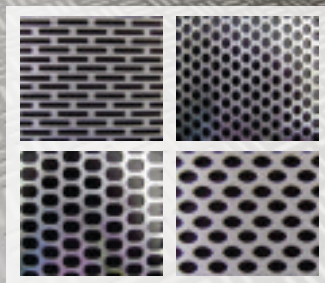
**P79** Batente para Coluna 200mm  
 CH. 1.20 mm - 11.94 Kg c/3.00m  
 CH. 1.50 mm - 14.75 Kg c/3.00m

**P79 A** Tampa para Batente 200mm  
 CH. 1.20 mm - 6.46 Kg c/3.00m

# **Beltrão Peneiras**

CHAPAS PERFURADAS EM TODOS OS TAMANHOS E FURAÇÕES, ESPESSURAS ATÉ 3MM  
**TODA LINHA DE KIT FEIJÃO PARA COLHEITADEIRA**  
**PENEIRAS PARA FORRAGEIROS EM TODOS OS TAMANHOS**

Fone 46 3524 0232 - Francisco Beltrão - PR



GRAFISUL (46) 3055-5766

## **CORTE PLASMA** CORTE DE CHAPAS METÁLICAS DESENHOS EM AUTOCAD

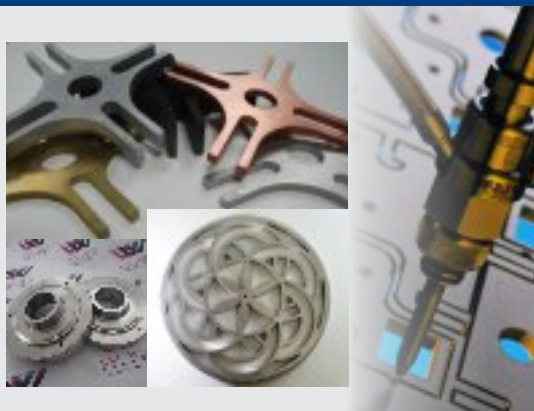
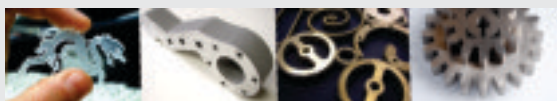


- Recorte de Letreiros e Números;
- Peças para Setor Rodoviário;
- Peças para Setor Agrícola;
- Peças para Mecânica Industrial;
- Enfeites para Casa e Empresa.

## **CORTE JATO DE ÁGUA**

Corte em alumínio, madeira, vidro, mármore, porcelanato, plástico, acrílico.

Desenhe sua peça e fazemos o corte.



**Perfil Drywall**

### **Acessórios**



A Léofer atende toda a linha serralheiro.