

# PERFILADOS VANZIN



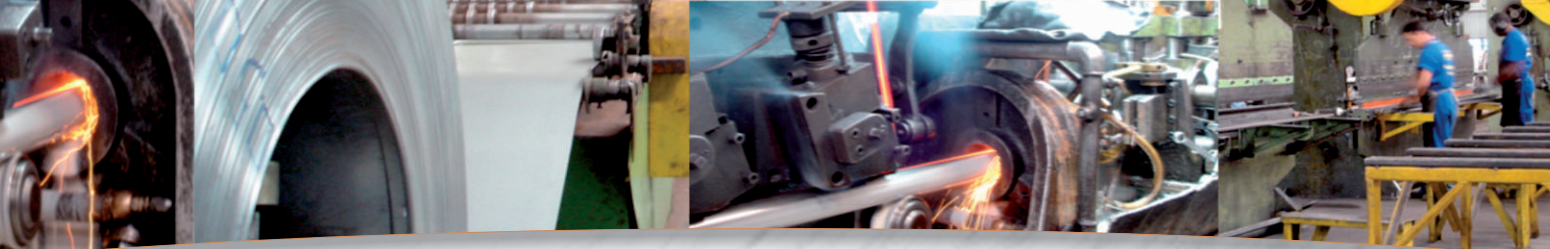
*Moldando Aço.  
Fazendo História!*





Uma participação ativa no progresso.  
Uma fiel parceria com as indústrias  
a serviço do bem-estar do homem.





No ano de 1978, Cascavel passava a conviver com mais uma indústria. Em curto espaço de tempo se consolidaria como uma das maiores fornecedoras de produtos industrializados a partir do aço. Hoje, seus setores expedicionários remetem para cidades longínquas, toda a linha industrializada pela Perfilados Vanzin. Ao longo deste período, escrevendo uma história de divisas em crescimento próprio e participativo junto a diretos, que encontram na maneira justa e moderna de administração o lado humano e o apoio da tecnologia de ponta para poderem produzir produtos de primeiríssima qualidade. Suprindo as necessidades de um mercado cada vez mais exigente quanto a qualidade e acabamento encontrados em todos os itens da linha de produção da Perfilados Vanzin.

Com uma área de 13.000 m<sup>2</sup> e uma capacidade de produção em torno de 7.000 toneladas mês, são produzidos uma completa linha de tubos, perfis, telhas, vigas, cantoneiras e outros tipos e bitolas utilizados pelas mais diversas indústrias.

Perfilados Vanzin, moldando o aço com a força e a dedicação do homem.



# TUBOS DE AÇO COM COSTURA

REDONDOS med. externas	ESPESSURA DA PAREDE (mm)	PESO TEÓRICO (br)	QUADRADOS med. externas	RETANGULARES med. externas		
5/8" (15,87mm) (469 pç)	0,60	1,320	15 x 15  (300 pç)			
	0,75	1,620				
	0,80	1,795				
	0,85	1,920				
	0,90	2,005				
	1,06	2,334				
	1,20	2,616				
3/4" (19,05mm) (397 pç)	0,60	1,620	20 x 20  (299 pç)			
	0,75	1,980				
	0,80	2,173				
	0,85	2,280				
	0,90	2,430				
	1,06	2,834				
	1,20	3,182				
7/8" (22,22 mm) (271 pç)	0,60	1,920	25 x 25  (198 pç)	20x 30  (210 pç)		
	0,75	2,340				
	0,80	2,551				
	0,85	2,700				
	0,90	2,855				
	1,06	2,334				
	1,20	3,720				
1" (25,40 mm) (271 pç)	0,60	2,160	30 x 30  (135 pç)	20 x 40  (143 pç)		
	0,75	2,700				
	0,80	2,930				
	0,85	3,120				
	0,90	3,280				
	1,06	3,835				
	1,20	4,314				
1 1 / 4" (31,75 mm) (217 pç)	0,75	3,420	20 x 50  (126 pç)	30 x 40  (99 pç)		
	0,80	3,660				
	0,85	3,900				
	0,90	4,130				
	1,06	4,835				
	1,20	5,446				
	1,50	6,735				
1 1/2" (38,10 mm) (127 pç)	0,75	4,140	40 x 40  (77 pç)	30 x 50  (81 pç)		
	0,85	4,490				
	0,90	4,980				
	1,06	5,836				
	1,20	6,578				
	1,50	8,149				
	2,00	10,935				
1 3 / 4" (44,45 mm) (91 pç)	0,90	5,831	50 x 50  (45 pç)	40 x 60  (49 pç)		
	1,06	6,831				
	1,20	7,711				
	1,50	9,564				
	2,00	12,861				
	0,90	6,682			60 x 60  (35 pç)	40 x 80  (35 pç)
	1,06	7,837				
1,20	8,843					
1,50	10,977					
2,00	14,787					
*2,25	16,506					
1,06	9,780	70 x 70  (24pç)				
1,20	11,107					
1,50	13,806					
2,00	18,640					
2,25	20,828					
*2,65	24,291					
*3,00	27,281					
3" (76,20 mm) (37 pç)	1,06	11,820				
	1,20	13,320				
	1,50	16,634				
	2,00	22,492				
	2,25	25,150				
	*2,65	29,364				
	*3,00	33,013				
3 1/2" (88,90 mm) (19 pç)	1,50	19,462				
	2,00	26,345				
	2,25	29,472				
	*2,65	34,438				
	*3,00	38,745				

OBS.: TABELA COM PESOS APROXIMADOS

\* Somente tubos redondos

# CHAPAS

## FINAS A FRIO

ESPESSURA	mm	kg/m <sup>2</sup>
16	1,50	12,00
18	1,25	10,00
19	1,06	8,48
20	0,90	7,20
22	0,75	6,00
24	0,60	4,80
26	0,45	3,60
28	0,38	3,04
30	0,30	2,40

## FINAS A QUENTE

ESPESSURA	mm	kg/m <sup>2</sup>
14	2,00	15,20
13	2,25	18,00
12	2,65	21,20
11	3,00	24,00
10	3,35	26,80
9	3,75	30,00
8	4,25	34,00
7	4,50	36,00
3/16	4,75	38,00
7/32	5,60	40,80

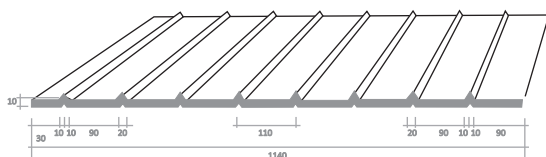
## GROSSAS

ESPESSURA	mm	kg/m <sup>2</sup>
1/4	6,35	49,78
5/16	7,94	62,25
3/8	9,52	74,72
1/2	12,70	99,57
5/8	15,87	124,50
3/4	19,05	149,40
7/8	22,22	174,20
1	25,40	199,10
1 1/8	28,57	226,20
1 1/4	31,75	248,90
1 3/8	34,93	273,90
1 1/2	38,10	298,70
2	50,80	398,30

## ZINCADAS

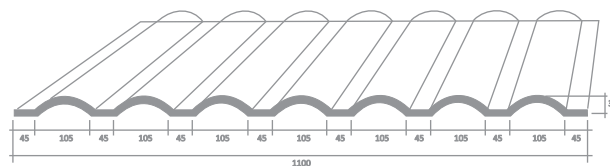
ESPESSURA	mm	kg/m <sup>2</sup>
10	3,40	26,90
12	2,70	21,60
13	2,30	18,20
14	1,95	15,60
16	1,55	12,40
18	1,30	10,40
19	1,11	8,88
20	0,95	7,60
22	0,80	6,40
24	0,65	5,20
26	0,50	4,00
28	0,43	3,44
30	0,35	2,80

## CHAPA FRIZADA



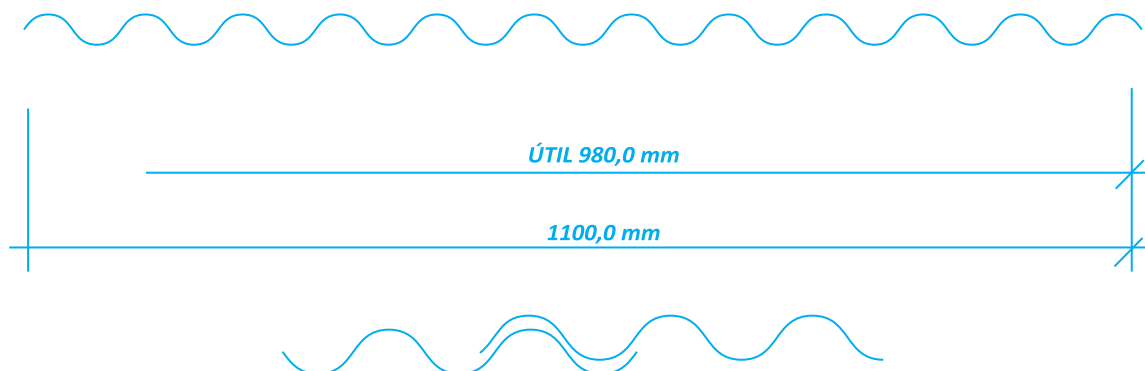
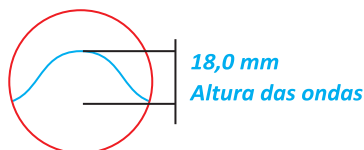
ESPESSURA	COMPRIMENTO	LARGURA	PESO KG / M <sup>2</sup>
19 F.F. 1.06 mm	2000/2200 mm	1140 mm	8.680 kgs.
20 F.F. 0.90 mm	2000/2200 mm	1140 mm	8.240 kgs.
22 F.F. 0.75 mm	2000/2200 mm	1140 mm	6.880 kgs.
24 F.F. 0.60 mm	2000/2200 mm	1140 mm	4.440 kgs.

## CHAPA ARREDONDADA BUZIOS



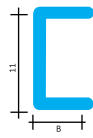
ESPESSURA	COMPRIMENTO	LARGURA	PESO KG / M <sup>2</sup>
0.75 mm	2000 mm	1120 mm	14.400 kg/pç
0.75 mm	2200 mm	1120 mm	15.840 kg/pç
0.75 mm	2500 mm	1120 mm	17.900 kg/pç
0.75 mm	3000 mm	1120 mm	21.600 kg/pç

## TELHA ONDULADA V18



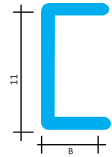
<b>ESPESSURA (mm)</b>	<b>0,35</b>	<b>0,43</b>	<b>0,50</b>
<b>kg/mL</b>	<b>3,360</b>	<b>4,200</b>	<b>4,800</b>

**PERFIL DOBRADO EM BARRA DE 3.000 mm**



H	B	ESPESSURA DA PAREDE (mm)	PESO TEÓRICO (br)
75	38	2,00	6,864
		2,25	7,668
		2,65	8,929
		3,00	10,008
		3,35	11,095
		3,50	11,508
		3,75	12,240
		4,25	13,668
		4,50	14,364
		4,75	15,048
100	40	2,00	8,256
		2,25	9,234
		2,65	10,773
		3,00	12,096
		3,35	13,426
		3,50	13,944
		3,75	14,850
		4,25	16,626
		4,50	17,496
		4,75	18,354
125	40	2,00	9,456
		2,25	10,584
		2,65	12,338
		3,00	13,896
		3,35	15,436
		3,50	16,044
		3,75	17,100
		4,25	19,176
		4,50	20,196
		4,75	21,244
150	40	2,00	10,656
		2,25	11,934
		2,65	13,928
		3,00	15,696
		3,35	17,446
		3,50	18,144
		3,75	19,350
		4,25	21,726
		4,50	22,896
		4,75	24,054
100	50	2,00	9,216
		2,25	10,314
		2,65	12,045
		3,00	13,536
		3,35	14,034
		3,50	15,624
		3,75	16,650
		4,25	18,666
		4,50	19,656
		4,75	20,634
125	50	2,00	10,416
		2,25	11,664
		2,65	13,610
		3,00	15,336
		3,35	17,044
		3,50	17,724
		3,75	18,900
		4,25	21,216
		4,50	22,356
		4,75	23,484
150	50	2,00	11,616
		2,25	13,014
		2,65	15,200
		3,00	17,136
		3,35	19,054
		3,50	19,824
		3,75	21,150
		4,25	23,766
		4,50	25,056
		4,75	26,344
6,30	34,020		

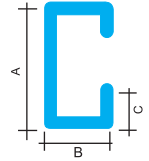
**PERFIL DOBRADO DE 5.000 mm a 12.000 mm**



H	B	ESPESSURA DA PAREDE (mm)	PESO TEÓRICO (br)
50	25	2,00	1,450
		2,25	1,620
		2,65	1,870
		3,00	2,100
75	38	2,00	2,260
		2,25	2,520
		2,65	3,018
		3,00	3,427
		3,35	3,698
100	40	2,00	2,752
		2,25	3,078
		2,65	3,624
		3,00	4,119
		3,35	4,475
125	40	2,00	3,152
		2,25	3,528
		2,65	4,112
		3,00	4,632
		3,35	5,145
125	50	2,00	3,472
		2,25	3,888
		2,65	4,586
		3,00	5,224
		3,35	5,536
150	40	2,00	3,552
		2,25	3,978
		2,65	4,842
		3,00	5,232
		3,35	5,815
150	50	2,00	3,872
		2,25	4,338
		2,65	5,108
		3,00	5,820
		3,35	6,351
150	50	3,50	6,608

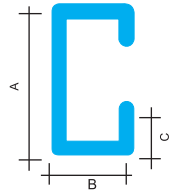
## PERFIL ENRIJECIDO 3.000 mm

A	B	C	ESPESSURA DA PAREDE (mm)	PESO TEÓRICO (br)
100	40	20	2,00	9,792
			2,25	10,908
			2,65	12,643
			3,00	14,112



## PERFIL ENRIJECIDO DE 5.000 mm a 12.000 mm

A	B	C	ESPESSURA DA PAREDE (mm)	PESO TEÓRICO (br)
75	38	15	2,00	2,640
			2,25	2,934
100	38	15	2,00	3,040
			2,25	3,384

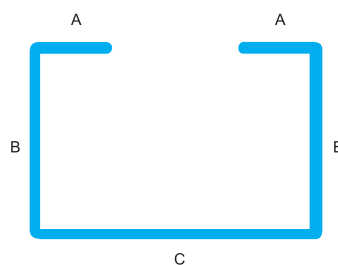


## CANTONEIRAS DE ABAS IGUAIS COM 3.000 mm

DIÂMETRO EXTERNO (mm)	ESPESSURA DA PAREDE (mm)	PESO TEÓRICO (br)
16 x 16	2,00	1,344
	2,25	1,485
	2,65	1,704
	3,00	1,872
19 x 19	2,00	1,632
	2,25	1,809
	2,65	2,086
	3,00	2,304
22 x 22	2,00	1,920
	2,25	2,133
	2,65	2,468
	3,00	2,736
25 x 25	2,00	2,208
	2,25	2,484
	2,65	2,849
	3,00	3,168
32 x 32	2,00	2,880
	2,25	3,213
	2,65	3,739
	3,00	4,176
	3,35	4,607
38 x 38	2,00	2,456
	2,25	3,861
	2,65	4,503
	3,00	5,040
	3,35	5,571
	3,75	6,165
	4,25	6,885
	4,50	7,236
4,75	7,581	
45 x 45	2,00	4,128
	2,25	4,644
	2,65	5,406
	3,00	6,048
	3,35	6,673
	3,75	7,470
	4,25	8,364
	4,50	8,748
4,75	9,234	
6,30	11,642	
50 x 50	2,00	4,608
	2,25	5,157
	2,65	6,029
	3,00	6,768
	3,35	7,501
	3,75	8,325
	4,25	9,333
	4,50	9,828
4,75	10,317	
6,30	13,154	

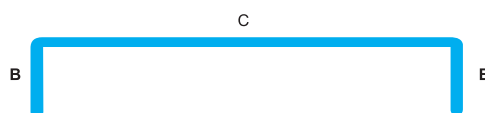
## CAIXA CONTRAPESO

A	B	C	ESPESSURA DA PAREDE (mm)	PESO TEÓRICO (br)
20	156	156	1,20 1,50	4,515 5,616
15	180	180	1,20 1,50	5,379 6,696
15	200	200	1,20 1,50	5,955 7,416



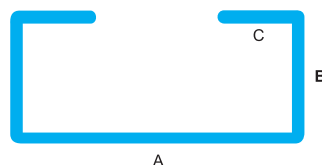
## TAMPA CAIXA DE CONTRAPESO

B	C	B	ESPESSURA DA PAREDE (mm)	PESO TEÓRICO (br)
20	156	20	1,20 1,50	1,681 2,088
15	180	15	1,20 1,50	1,969 2,448
15	200	15	1,20 1,50	2,161 2,688



## TRILHO CONTRAPESO 3.000 mm

A	B	C	ESPESSURA DA PAREDE (mm)	PESO TEÓRICO (br)
53	45	15	2,00	7,600 Kg



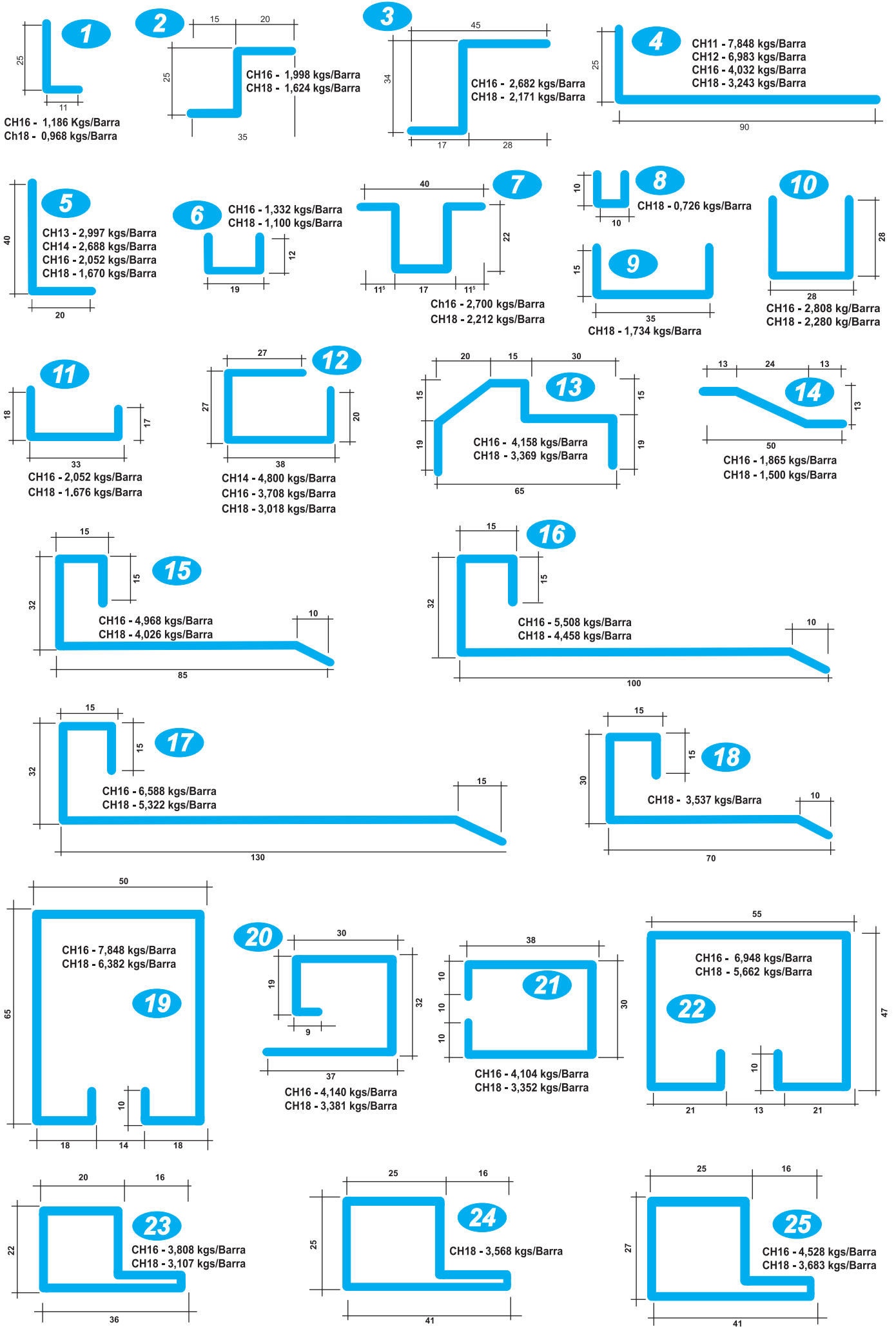
## TRILHO CONTRAPESO 3.000 mm

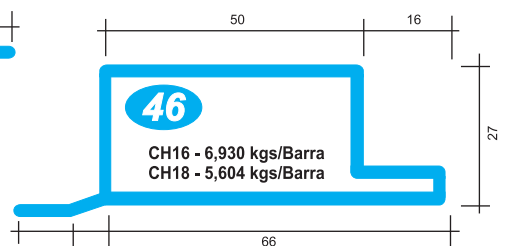
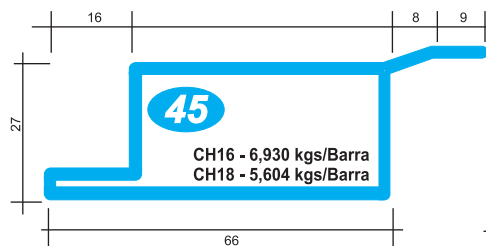
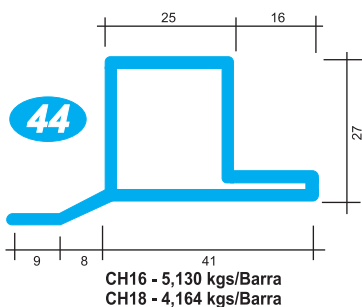
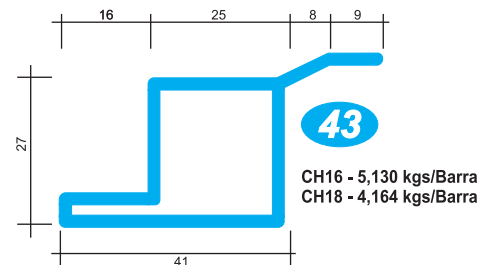
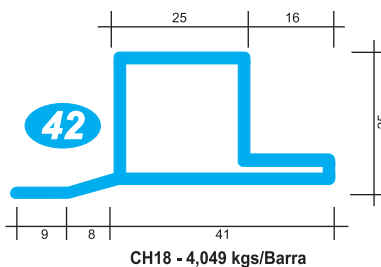
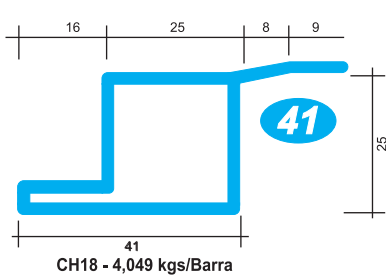
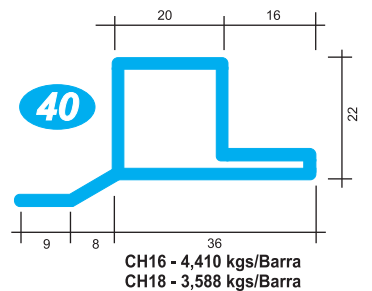
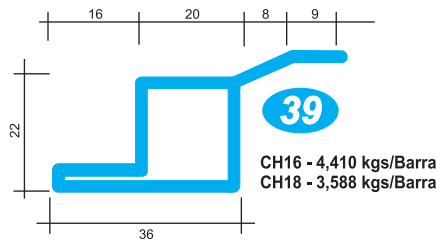
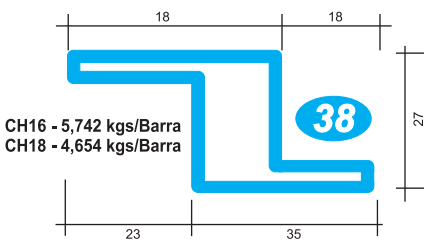
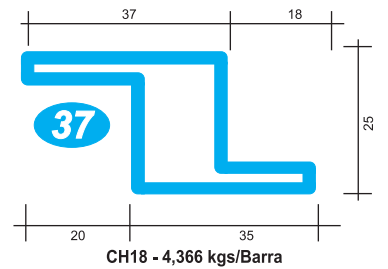
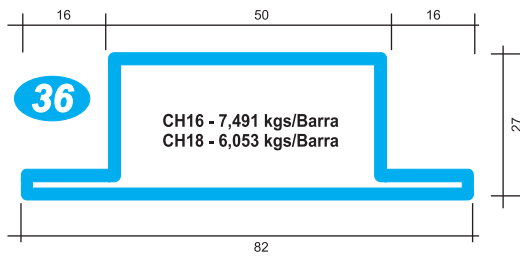
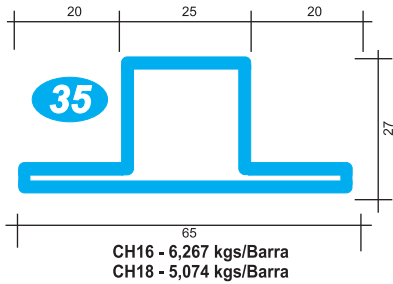
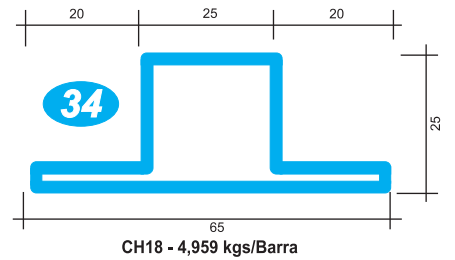
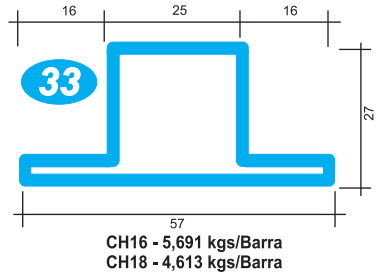
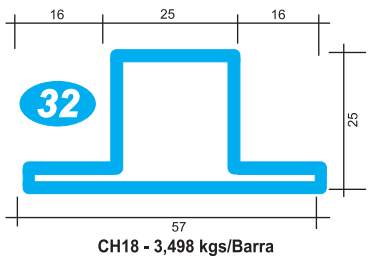
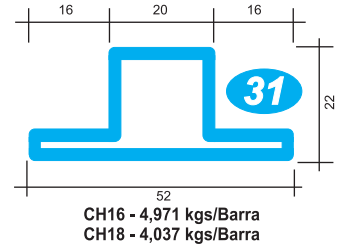
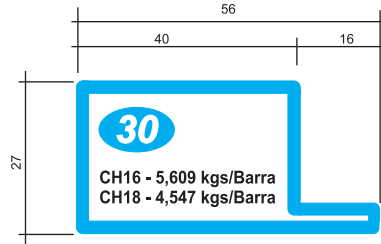
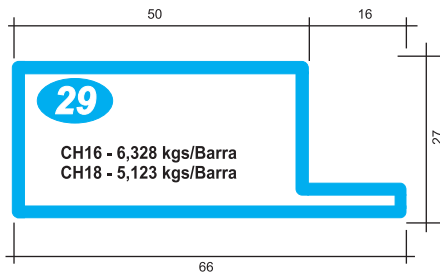
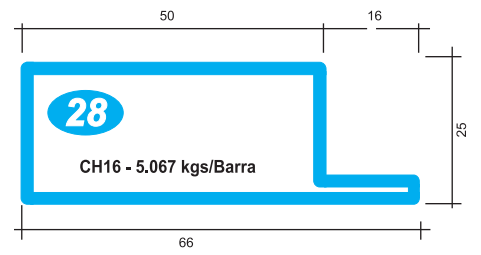
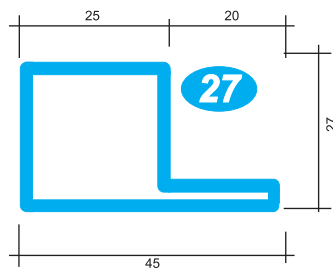
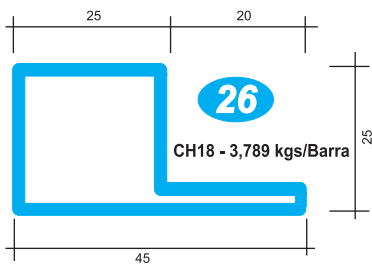
A	B	ESPESSURA DA PAREDE (mm)	PESO TEÓRICO (br)
53	34	2,00	5,620Kg

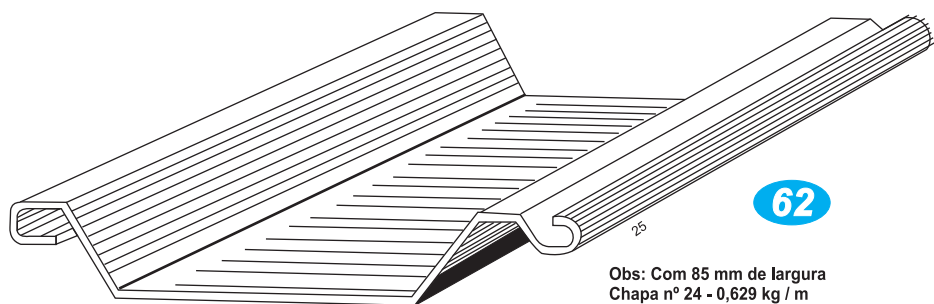
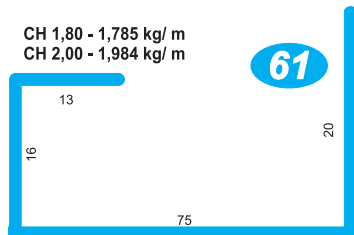
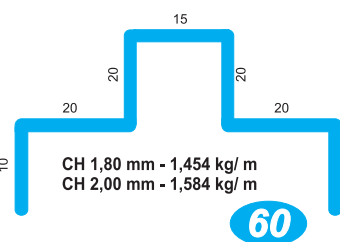
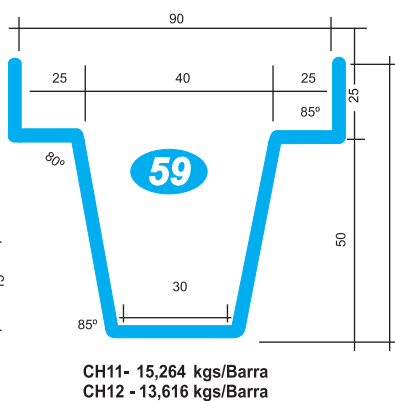
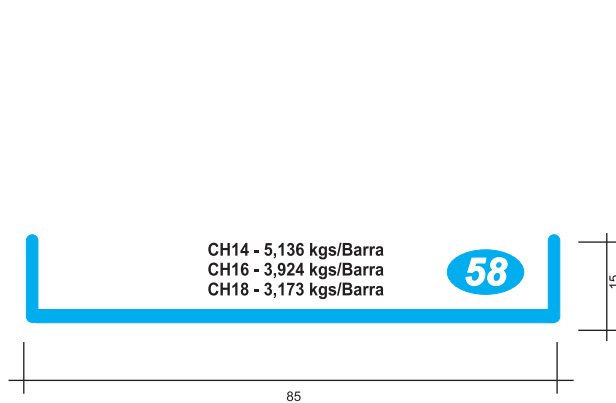
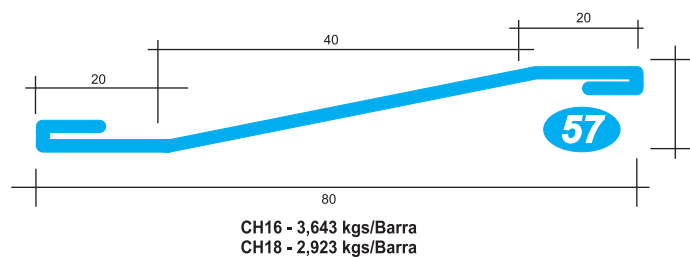
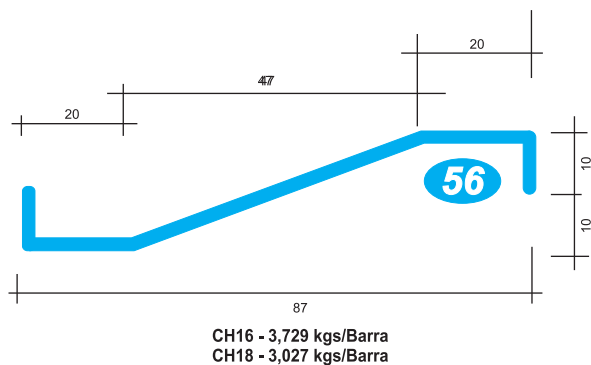
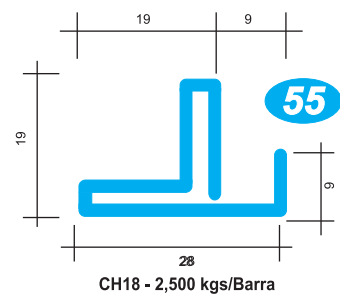
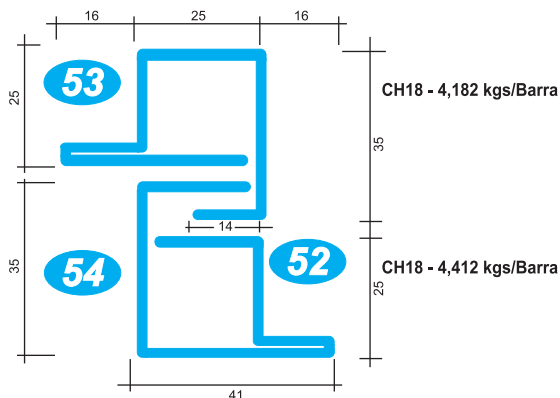
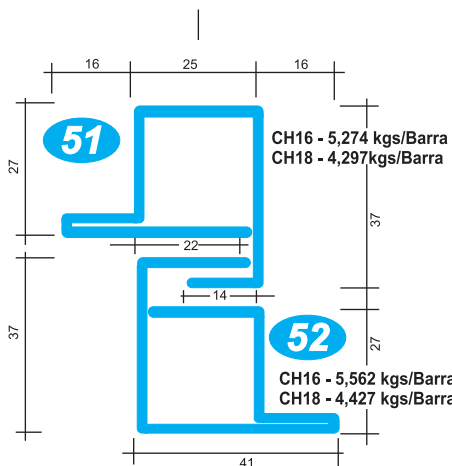
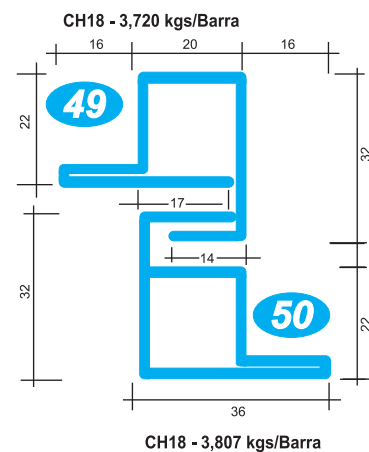
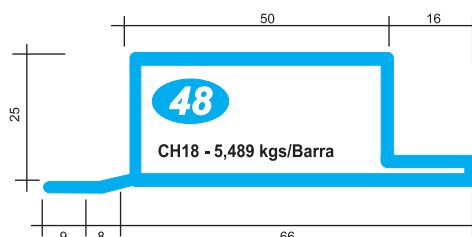
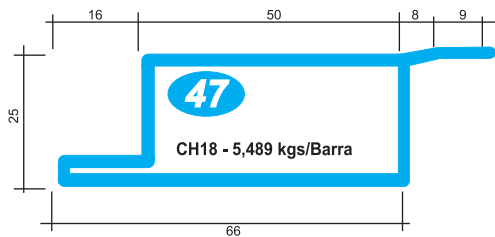




# PERFIS







Obs: Com 85 mm de largura  
Chapa nº 24 - 0,629 kg / m  
Chapa nº 26 - 0,528 kg / m - Zincada

# LAMINADOS

## LAMINADO REDONDO

DIÂMETRO POLEGADA	kg/m	DIÂMETRO POLEGADA	kg/m
3/16	0,13	2	15,90
1/4	0,24	2 1/8	18,00
5/16	0,38	2 1/4	21,10
3/8	0,55	2 3/8	22,40
7/16	0,75	2 1/2	24,80
1/2	0,99	2 5/8	27,40
5/8	1,55	2 3/4	30,10
3/4	2,23	3	35,80
7/8	3,04	3 1/4	42,80
1	3,97	3 1/2	48,70
1 1/8	5,03	4	63,60
1 1/4	6,20	4 1/4	71,80
1 3/8	7,51	4 1/2	80,50
1 1/2	8,94	5	99,40
1 5/8	10,59	5 1/2	120,20
1 3/4	12,17	6	143,10
1 7/8	13,97	6 1/2	167,90
			194,70

## LAMINADO QUADRADO

TAMANHO POLEGADA	kg/m	TAMANHO POLEGADA	kg/m
1/4	0,31	1 1/2	11,38
5/16	0,49	1 5/8	13,36
3/8	0,71	1 3/4	15,49
7/16	0,97	1 7/8	17,78
1/2	1,26	2	20,23
5/8	1,97	2 1/8	22,84
3/4	2,84	2 1/4	25,61
7/8	3,87	2 3/8	28,54
1	5,06	2 1/2	31,62
1 1/8	6,40	3	45,53
1 1/4	7,90	3 1/2	62,03
1 3/8	9,52	4	81,03

## LAMINADO CHATO

TAMANHO POLEGADA	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2	2 1/2	2 3/4	3	3 1/4	3 1/2	4	5	6
1/8	0,31	0,39	0,47	0,55	0,63	0,79	0,94	1,10	1,26	1,42	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	2,61	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	3,48	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	4,35	4,80	5,14	5,53	6,33	7,91	9,59	
3/8			1,42	1,66	1,89	2,37	2,84	3,35	3,79	4,30	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	6,96	7,59	8,22	8,85	10,10	12,65	15,18
5/8				3,16	3,95	4,74	5,53	6,32	7,12	8,70	9,48	10,28	11,07	12,35	15,81	18,97	
3/4					3,80	4,75	5,70	6,65	7,56	8,85	10,44	11,38	12,33	13,28	15,18	18,97	22,77
7/8						8,86	9,96	12,18	13,28	14,39	15,50	17,71	20,24	25,30	30,36		
1							10,12	11,39	13,92	15,18	16,44	17,71	20,24	25,30	30,36		

## CANTONEIRA LAMINADA

TAMANHO POLEGADA	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	TAMANHO POLEGADA	1/8	3/16
1/8	0,71	0,88	1,04	1,20	1,50	1,83	2,14	2,46							5/8	0,74	
3/16				1,73	2,20	2,68	3,15	3,63	4,57	5,50					3/4	0,88	
1/4				2,28	2,86	3,48	4,12	4,75	6,10	7,30	9,85				7/8	1,04	
5/16					4,26	5,05	5,83	7,44	9,10	12,37	18,30	22,20			1	1,19	1,79
3/8							6,99	8,78	10,72	14,58	24,10	29,20	39,30		1 1/4	1,62	2,31
1/2								11,46	13,99	19,05	29,80	36,00	48,70		1 1/2	2,21	2,83
5/8										23,40	35,10	42,70	57,90				
3/4											49,30	67,00					
7/8																	

## ACESSÓRIOS PARA SERRALHERIA

Alavanca

Cabo de Aço

Caixa de Mola

Cavalete de Ferro

Disco de Corte

Dobradiça

Dobradiça para portão de elevação

Eletrodo

Guia Tee

Guia U

Mancal para porta de elevação

Ponta de Lança

Puxador para Janela

Puxador para Porta

Rodízio

Roldanas de Ferro

Roldanas de Nylon

Tampa Plástica para Tubo

Thiner

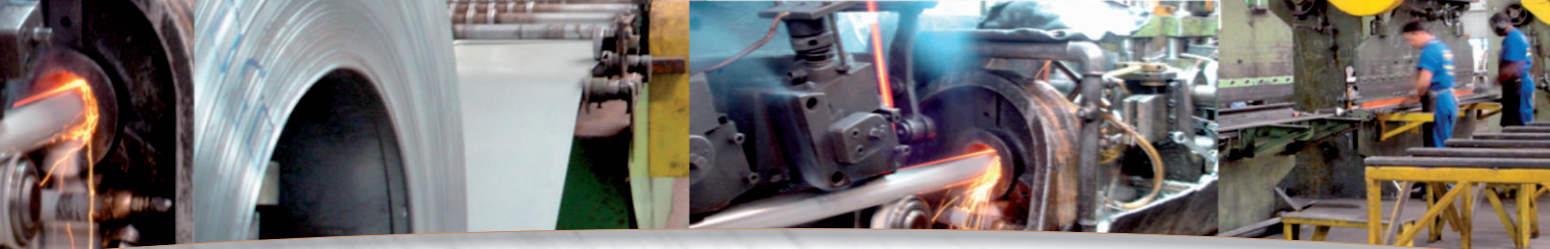
Trinco Bico de Papagaio

Trinco Fecho

Zarcão







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