



Roll formed sections

PERFIMET, C.A., was founded in 1958 and has been the first factory in Venezuela exclusively dedicated to the production of roll formed sections.

We produce custom roll formed products as well as special shapes instructed by our clients with the purpose of solving specific needs or replacing imported lines.

At the moment we have a complete net of sales and distribution for the whole country that guarantees a quick and efficient attention to our clients.

Materials used in the production of the "PERFIMET" Sections are:

Cold Rolled Steel strips up to 1.9 mm thick

Hot Rolled Picked and Oiled Steel from 2 mm. up to 4 mm

Hot Dipped Galvanized Steel

The surface of sections is subjected to the friction of the rollers during the production process; therefore the presence of slight scrapes is normal. When the surface should have special characteristics our Technical Department will be consulted.

PRECISION

Measures: Between $\pm 0,75$ and $\pm 1,25$ according to the size of sections and thickness of sheet.

Gage: $\pm 3\%$ up to 1.9 mm; $\pm 5\%$ from 2 mm upwards.

Straightness: Maximum deflection = 0,25% of the length of the section.

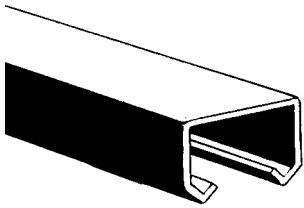
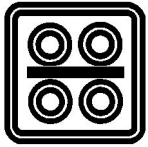
Torsion: 2° per meter.

Length: ± 2 mm.

Quantity: $\pm 5\%$ (In special orders)

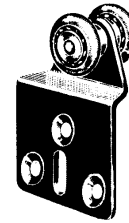
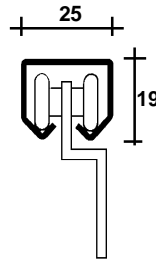
Besides Sections below illustrated we produce many other ones specially entrusted by our customers for the electric industry, pieces of furniture, prefabricated walls, panelling, etc.

We would be glad to help You solve your steel sections problems. Consult us.

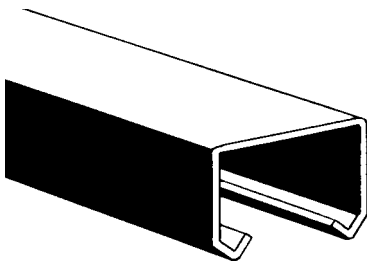


R.20

CODE: 10101
GALVANIZED: CODE: 10102
CHARGE: 30 Kg.
TROLLEY: "A" CODE: 60101
GAGE: 0,90 mm.



Code 60101 Type "A"
15 Kg.

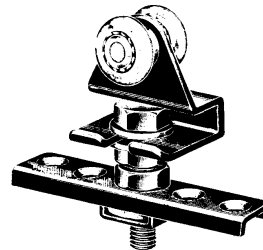
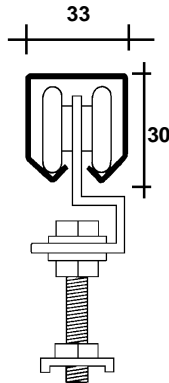


R.25D

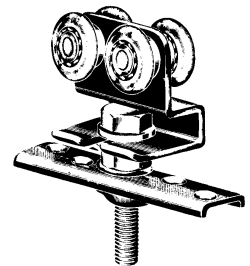
CODE: 10103
CHARGE: 50 Kg.
GAGE: 1,10 mm.

R.25

CODE: 10105
CHARGE: 75 Kg.
GAGE: 1,5 mm.

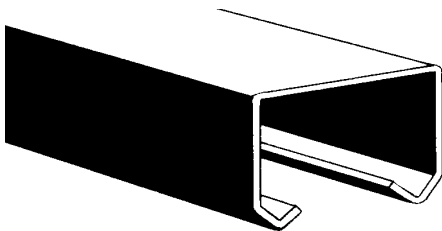


Code 60102 Type "B"
40 Kg.



Code 60103 Type "C"
75 Kg.

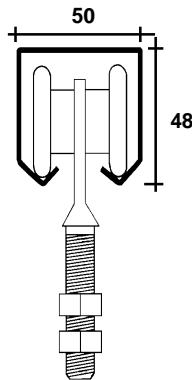
R.30D, R.30, R31



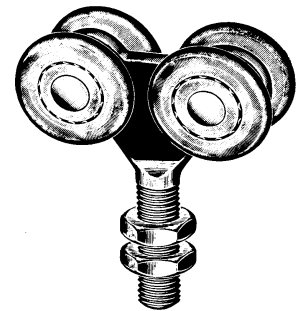
R.30D CODE: 10110, GAGE: 1,5 mm.
CHARGE: 150 Kg.

R.30 CODE: 10111, GAGE: 2,0 mm.
CHARGE: 200 Kg.

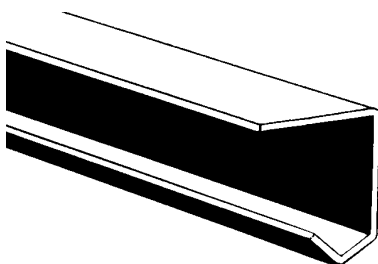
R.31 CODE 10112, GAGE: 2,5 mm.
CHARGE: 300 Kg.
TROLLEY: D & E



Code 60104 Type "D"
80 Kg.



Code 60105 Type "E"
150 Kg.

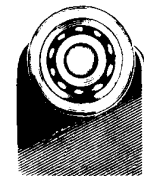
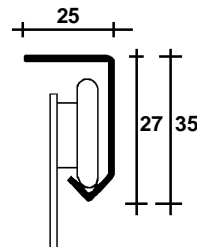


R.35

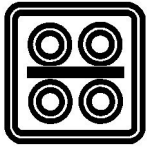
CODE: 10115
25 X 27 X 1,4 mm.
CHARGE: 70 Kg.
TROLLEY: "F" CODE: 60106

R.36

CODE: 10117
25 x 35 x 1,4 mm.

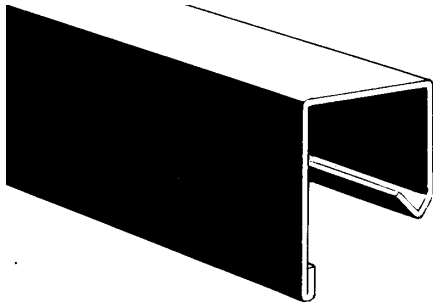


Code 60106 Tipo "F"
Code 60114 Tipo "FE"
35 Kg.



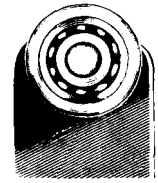
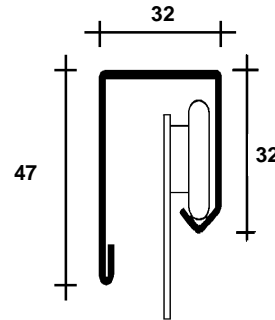
perflimet
COMPAÑIA ANONIMA

Rails

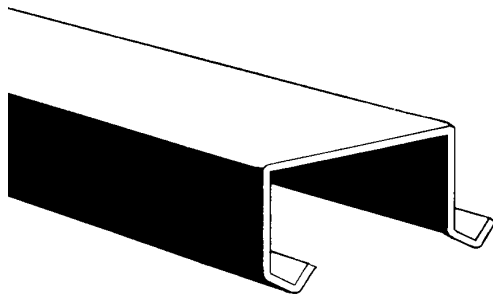


R.40

Code: 10125
Charge: 40 Kg.
Trolley: Type "F"
Gage: 1,4 mm.



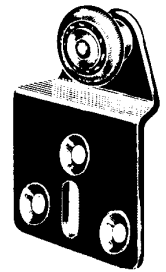
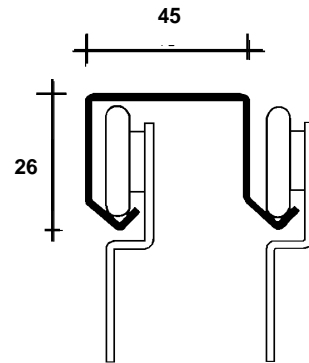
Code 60106 Type "F"
35 Kg.



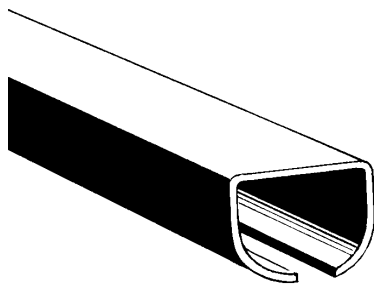
R.46

Code: 10135
Charge: 20+20 Kg.
Trolley: 2 Type "K"
Gage: 0,90 mm.

R.46 GALVANIZED
Code: 10136
Gage: 0,90 mm.



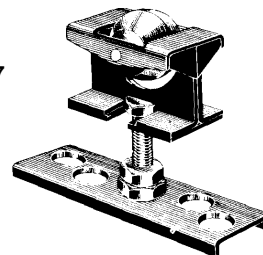
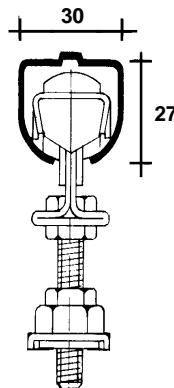
Code 60109 Type "K"
15 Kg.



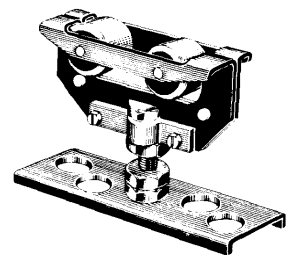
R.50

Code: 10140
Charge: 75 Kg.
Trolley: Type "G"
& "H"
Gage: 1,4 mm.

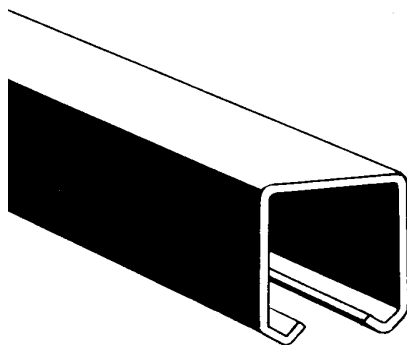
GALVANIZED
Code: 10142
Gage: 1,2 mm.



Code 60107 Type "G"
40 Kg.



Code 60108 Type "H"
75 Kg.



R.70D

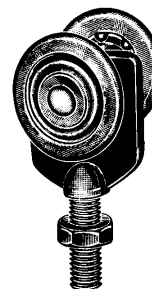
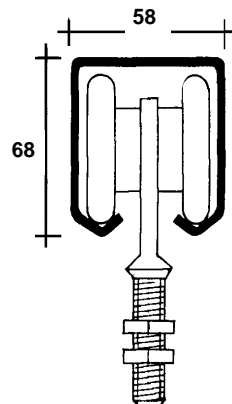
Code: 10145
Gage: 2,5 mm.
Charge: 200 Kg./m.

R.70

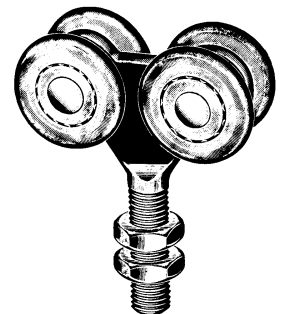
Code: 10146
Gage: 3 mm.
Charge: 250 Kg./m.

R.70P

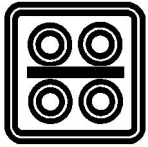
Code: 10147
Gage: 4 mm.
Charge: 350 Kg./m.



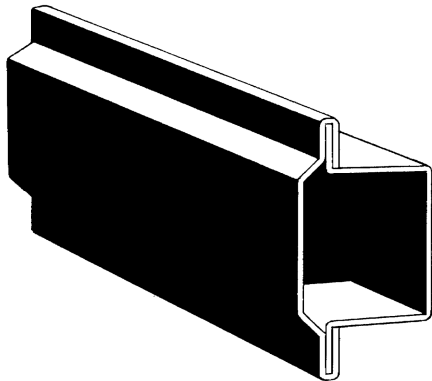
Code 60110
Type "I"/2
200 Kg.



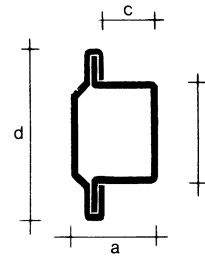
Code 60111
Type "I"/4
350 Kg.



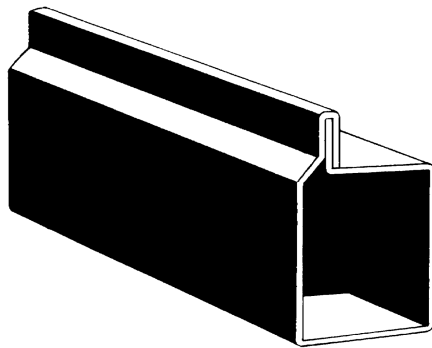
Windows profiles



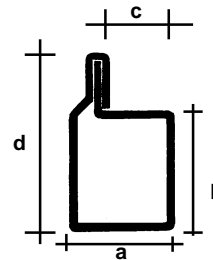
V.24



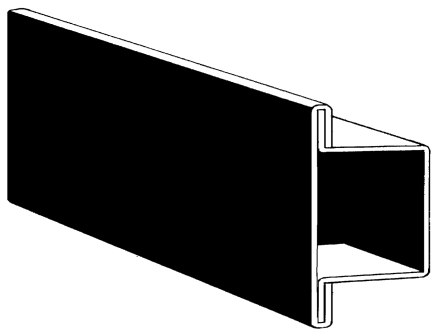
Denomination	Code	a	b	c	d	Gage
V.24	10201	24.5	31	15	50	1,10



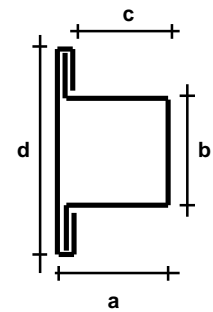
V.37



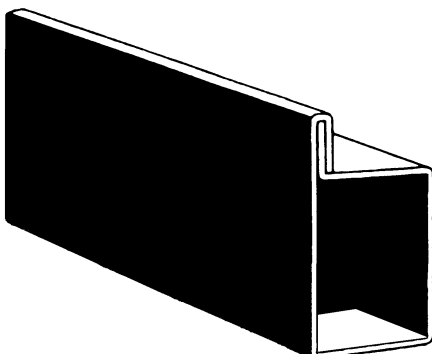
Denomination	Code	a	b	c	d	Gage
V.37	10210	24.5	31	15	50	1,10



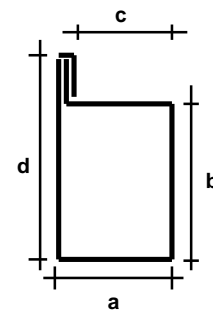
V.25



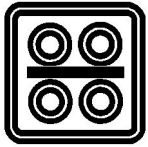
Denomination	Code	a	b	c	d	Gage
V.25	10200	25	25	22	42	1,10



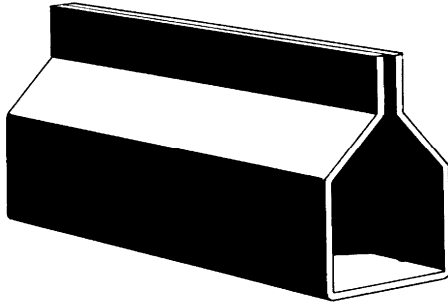
V.35



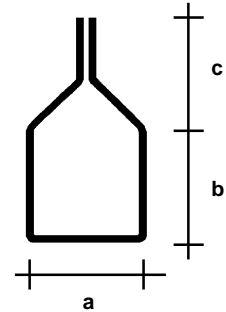
Denomination	Code	a	b	c	d	Gage
V.35	10212	25	32	22	43	1,10



SANITARY PARTITIONS PROFILES

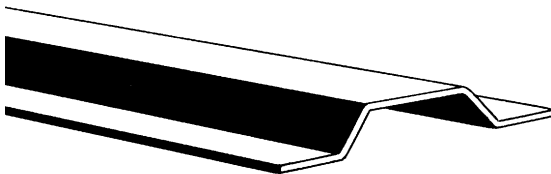


TS 1
TS 2

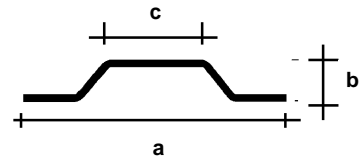


Denomination	Code	a	b	c	Gage
TS 1	10701	25.4	25.4	17	1.10
TS 2	10705	25.4	50.8	17	1.10

REINFORCEMENTS FOR SANITARY PARTITIONS

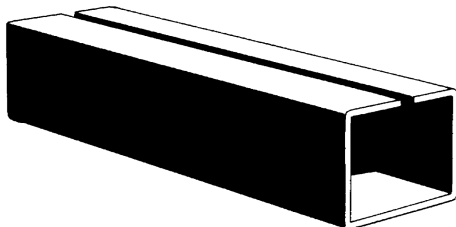


RT

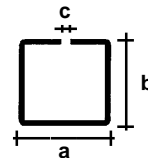


Denomination	Code	a	b	c	Gage
RT	10710	81	12.7	38	1.10

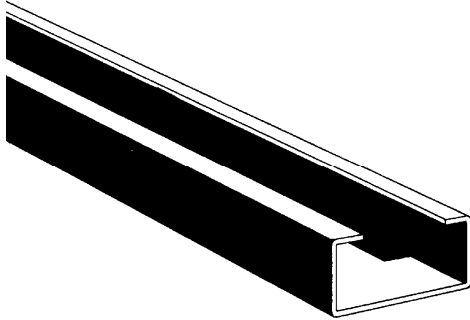
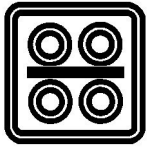
SQUARE AND RECTANGLE SECTIONS



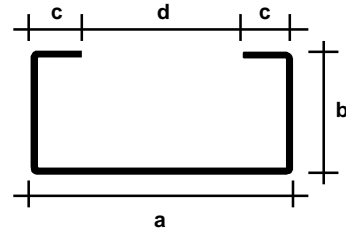
O Series



Denomination	Code	a	b	c	Gage
O 1 x 1	10401	24.5	24.5	1	1,10
O 1 x 2	10405	24.5	50.8	1	1,10

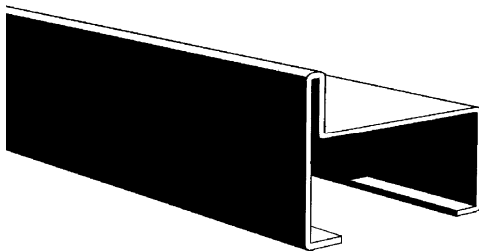


C Series

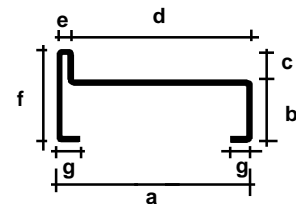


NOTE: These profiles can be formed on request in other measures and gages, between 0,7 mm. y 3 mm., Minimum quantity: 1500 meters.

Denomination	Code	a	b	c	d	Gage
C 25 X 10 mm.	30317	25	10	5	15	1.1
C 1" X 1"	10305	25.4	25.4	9.7	6	1.1
C 2" X 1"	10309	50.8	25.4	12	26.8	0,9
C 2" X 1" 1/2	10315	50.8	38.1	12	26.8	1.1
C 2" 1/2 X 1"	10319	63.5	25.4	12	39.5	0,9
C 2" 1/2 X 1" 1/2	10325	63.5	38.1	12	39.5	1.1
C 3" X 1"	10329	76.2	25.4	12	52.2	0,9
C 4" X 1"	10334	101.6	25.4	12	77.6	0,9
C 5" X 1"	10410	127	25.4	12	103	0,9
C 6" X 1"	10412	152.4	25.4	12	128.4	0,9
C 7" X 1"	10414	177.8	25.4	12	153.8	0,9

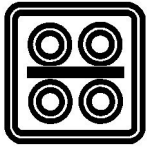


P Series

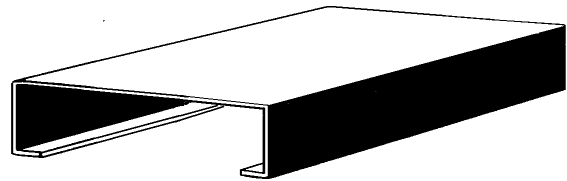
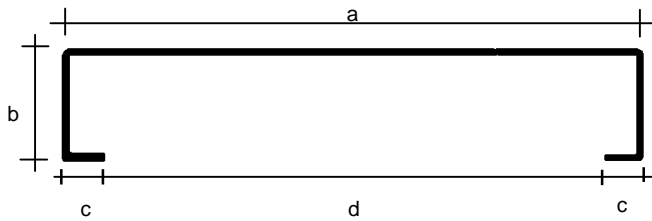


Sections of P Series are mainly used as bottom frame of sliding windows. The edge don't let the rain enter. Not sealing system for wind. Only for tropical zones.

Denomination	Code	a	b	c	d	e	f	g	Gage
P 2" X 1"	10501	50.8	25.4	9.6	47.8	3	35	10	1,10
P 2" 1/2 X 1"	10505	63.5	25.4	9.6	47.8	3	35	10	1,10

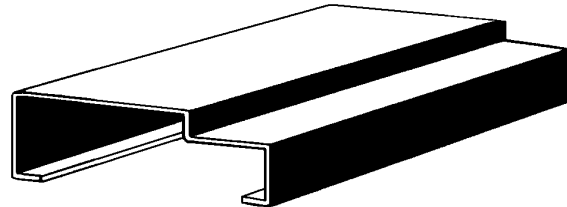
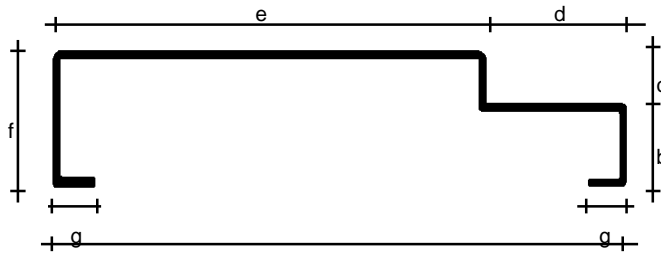


WINDOW FRAMES



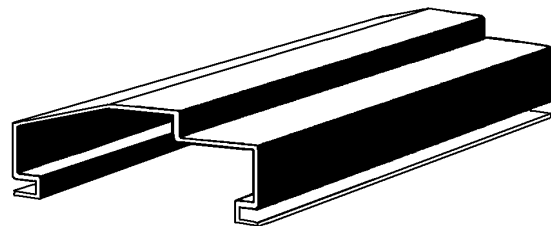
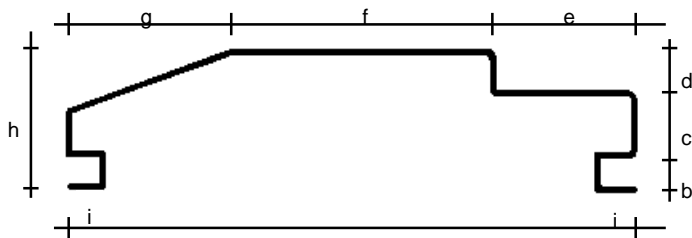
Denomination	Code	a	b	c	D	Gage	Length
CV 10	10410	130	25	10	110	0.90	5.15
CV 12	10412	150	25	10	130	0.90	5.15
CV 15	10414	180	25	10	160	0.90	5.15

DOOR FRAMES

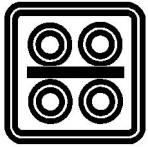


Denomination	Code	a	b	c	d	e	f	g	Gage	Length
E 10	10619	130	25	15	43	87	40	10	0.90	5.15
E 12	10624	150	25	15	43	113	40	10	0.90	5.15
E 15	10629	180	25	15	43	137	40	10	0.90	5.15

SHAPED DOOR FRAMES WITH OR WITHOUT CHANNEL



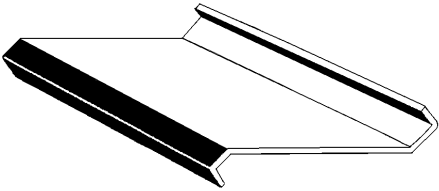
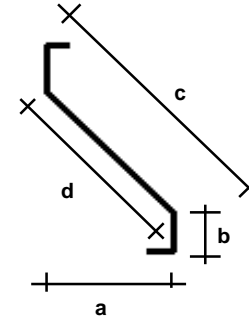
Denomination	Code	a	b	c	d	e	f	g	h	i	Gage	Length
EBC 10	10626	130	13	25	15	43	32	54	53	13	1.10	5.30
EBC 12	10627	150	13	25	15	43	54	54	53	13	1.10	5.30
EBC 15	10632	180	13	25	15	43	69	69	53	13	1.10	5.30
EB 10	10633	130	-	25	15	43	32	54	53	13	1.10	5.30
EB 12	10634	150	-	25	15	43	54	54	53	13	1.10	5.30
EB 15	10636	180	-	25	15	43	69	69	53	13	1.10	5.30



Ventilation slats

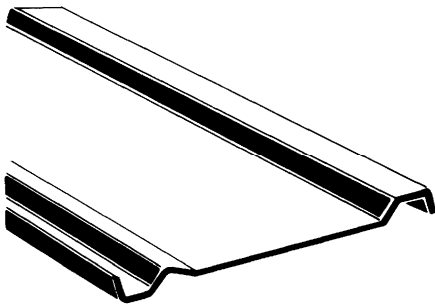
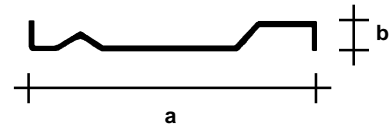
W 2

W 3



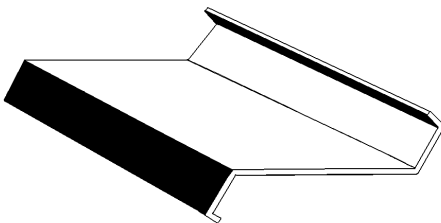
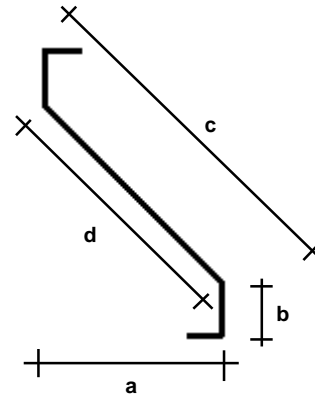
Denomination	Code	a	b	c	d	Gage
W 2	10901	25	10	67	43	0.90
W 3	10905	50	10	78	60	0.90

W 4



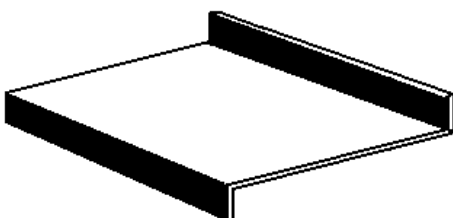
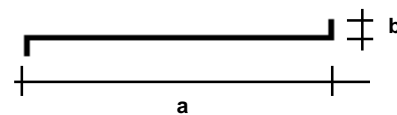
Denomination	Code	a	b	Gage
W 4	10910	100	10	0,90

W 5

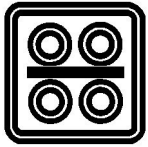


Denomination	Code	a	b	c	d	Gage
W 5	10915	38	20	103	65	0,90

W 6

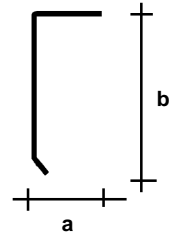
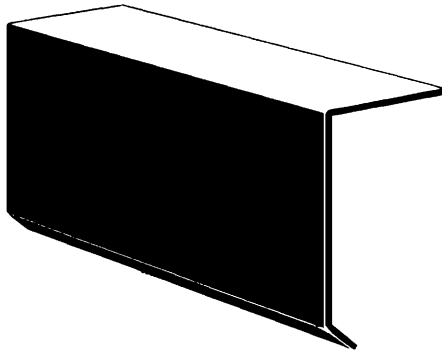


Denomination	Code	a	b	Gage
W 6	10921	102	8	1.10



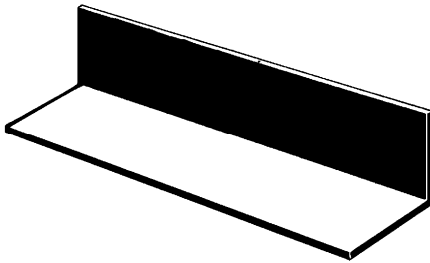
Angles, T, Z Sections

TROLLEY COVER FOR RAILS R.35

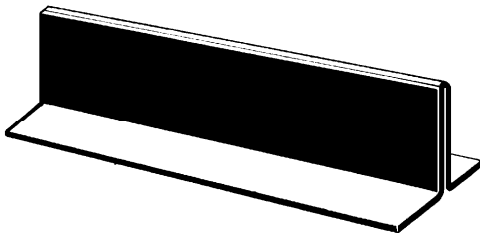
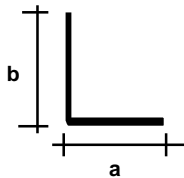


Denomination	Code	a	b	Gage
M 6	11001	20	50	1.10

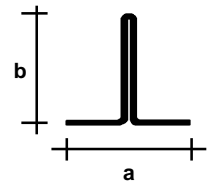
ANGLES



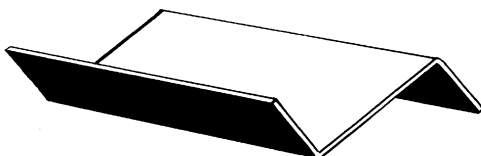
Denomination	Code	a	b	Gage
1/2 x 1/2	11301	12.7	12.7	1.4
3/4 x 3/4	11306	19	19	1.9
1 x 1	11310	25	25	2.0
1 x 1	11312	25	25	3.0
1 x 2	11320	25	50	2.5
1 1/4 x 1 1/4	11330	32	32	3.0
1 1/2 x 1 1/2	11335	38	38	3.0
2 x 2	11340	50	50	4.0



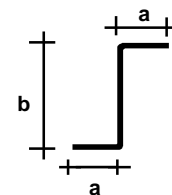
T SECTIONS



Denomination	Code	a	b	Gage
T 1 x 1	11405	25	25	1.40



Z SECTIONS



Denomination	Code	a	b	Gage
Z 1 x 1/2	11504	13	25	1.40
Z 1 x 1	11505	25	25	2,00

Rolling doors

SLATS S-8

Size	Gage	Weight/m.	Weight /m ²
115 mm.	0.60 mm.	Kg. 0.802	Kg. 7.800

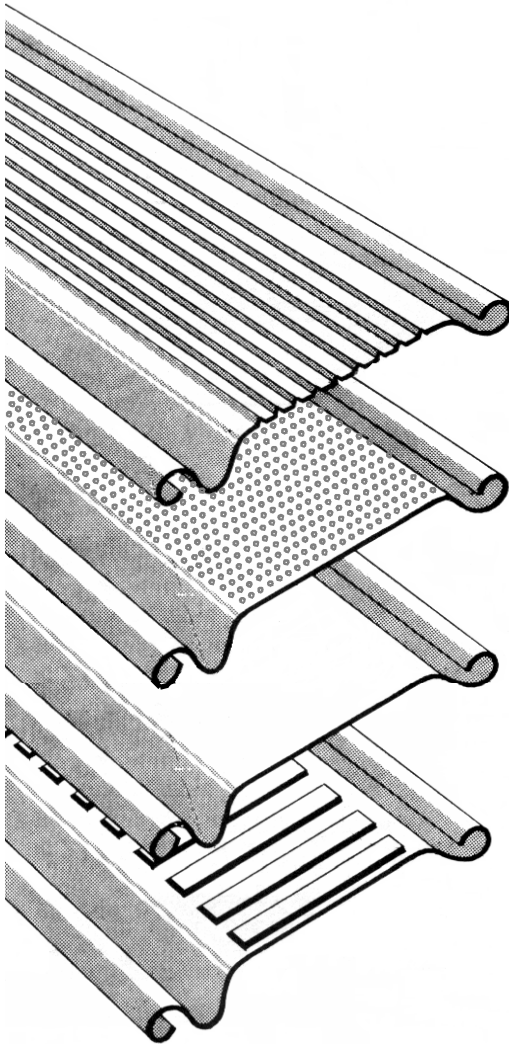
Type	Code 6.00 m.	Code per m.
S8 RH	10801	10802
S8 L	10803	10804
S8 RV	10805	10806

RH

MP

L

RV



SLATS S-9

Size	Gage	Weight/m.	Weight /m ²
115 mm.	0.70 mm.	Kg. 0.940	Kg. 9.100

Type	Code 6.00 m.	Code per m.
S9 RH	10807	10808
S9 L	10809	10810
S9 RV	10811	10812
S9 LG	10813	10814

SLATS S-10

Size	Gage	Weight/m.	Weight /m ²
115 mm.	0.90 mm.	Kg. 1.200	Kg. 11.650

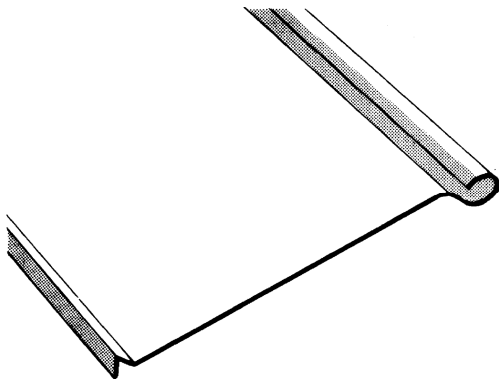
Type	Code 6.00 m.	Code per m.
S10 L	10816	10817
S10 MP *	10818	10819

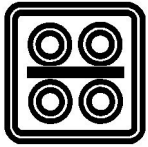
Sections marked with asterisk (*) are formed with galvanized sheet.

BOTTOM SLAT S-11

Size mm.	Gage mm.	Weight Kg./m.	Code 6.00 m.	Code per m.
135	0.70	0.940	10820	10821
135	0.90	1.200	10826	10827

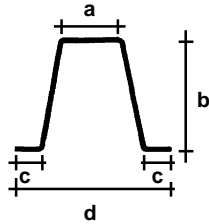
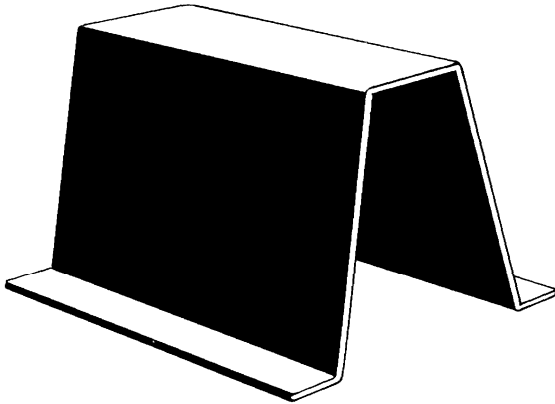
Note: rolling door slats and bottom slats can be formed in a major gage or galvanized sheet on request.



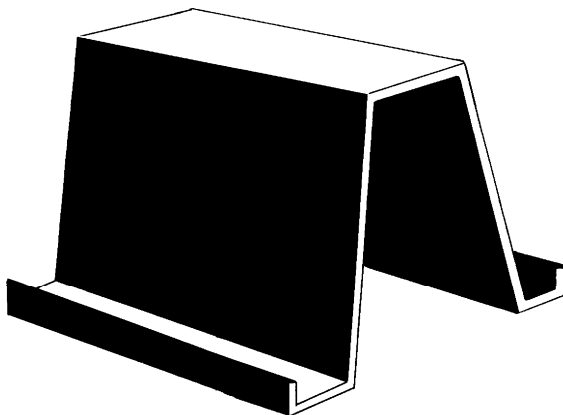


Omega channels

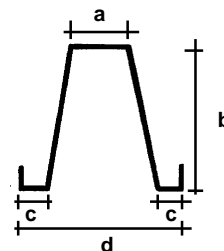
K SERIES

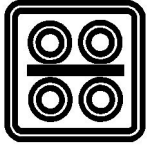


Denomination	Code	a	b	c	d	Gage
K 1	11101	20	50	11	50	0.9
K 1	11105	20	50	11	50	1.1
K 4	11110	30	56	12	70	0.9
K 4	11115	30	56	12	70	1.1
K 4	11120	30	56	12	70	1.4
K 5	11134	30	80	12	80	0.7
K 5	11135	30	80	12	80	1.1
K 5	11140	30	80	12	80	1.4
K 5	11145	30	80	12	80	2.0
K98	11181	38	98	13	95	1.1
K98	11182	38	98	13	95	1.5
K98	11183	38	98	13	95	2.0
K98	11125	38	98	17	95	2.5



Denomination	Code	a	b	c	d	Gage
K 6	11171	32	80	15	82	1.1
K 6	11172	32	80	15	82	1.4
K 6	11174	32	80	15	82	2.0
K 6	11176	32	80	15	82	2.5
K 98R	11184	38	98	13	95	1.4
K 98R	11185	38	98	13	95	2.0
K 98R	11187	38	98	13	95	2.5



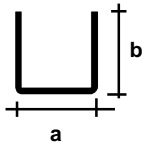
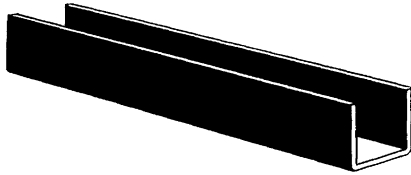


MOMENTS OF INERTIA FROM AXIS

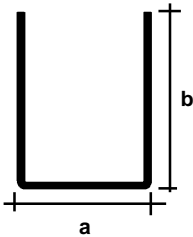
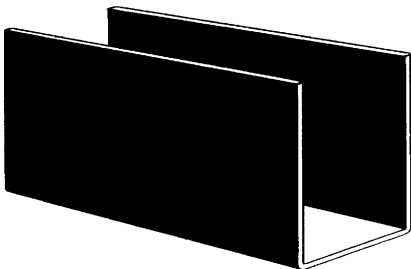
SECTION	CODE	GAGE mm.	Ix Cm ⁴	Sx Cm ³	Rx Cm	Yx Cm ⁴	Sy Cm ³	Ry Cm
K1	11104	0.9	5.307	1.865	0.991	6.181	1.717	1.867
K1	11105	1.1	6.410	2.254	1.721	7.462	2.095	1.868
K4	11110	0.9	5.832	2.050	1.090	6.793	1.887	2.052
K4	11115	1.1	7.044	2.477	1.892	8.29	2.303	2.053
K4	11120	1.4	8.809	3.097	7.879	10.53	2.925	2.054
K5	11135	1.1	20.08	4.93	2.701	20.65	4.302	2.741
K5	11140	1.5	26.90	6.611	2.683	28.11	5.856	2.743
K5	11145	2.0	34.90	8.50	2.850	36.85	7.65	2.744
K98	11181	1.1	37.28	6.968	3.417	26.40	5.817	2.875
K98	11182	1.5	50.14	9.372	3.398	36.92	7.642	2.876
K98	11183	2.0	66.83	12.46	3.260	49.10	10.163	2.878
K98	11125	2.5	83.53	15.57	3.180	61.37	12.703	2.880
K6	11171	1.1	22.06	5.609	2.752	24.32	5.066	2.890
K6	11172	1.4	27.62	7.038	2.736	30.69	6.393	2.884
K6	11174	2.0	38.52	9.83	2.700	32.80	9.02	2.873
K6	11176	2.5	48.15	12.28	2.650	41.00	11.27	2.865
K7	11184	1.4	41.00	8.174	3.493	36.55	7.67	3.005
K7	11185	2.0	69.21	13.557	3.462	51.81	10.793	2.996
K7	11187	2.5	86.50	16.946	3.434	64.76	13.491	2.989

I = Inertia Moment S = Section Modulus R = Rotation Radius

GLASS HOLDERS



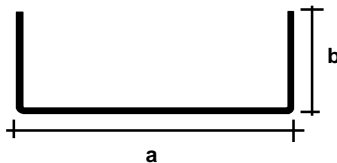
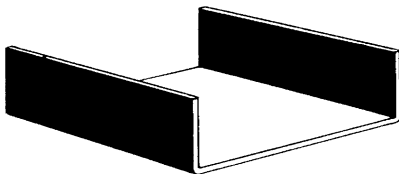
Denomination	Code	a	b	Gage
U 5/16	11200	8.0	9.5	0.7
U 5/16	11201	8.0	9.5	0.9
U 3/8	11203	9.5	9.5	0.7
U 3/8	11205	9.5	9.5	0.9
U 1/2	11210	12.5	12.5	0.9
U 1/2	11211	12.5	12.5	1.1



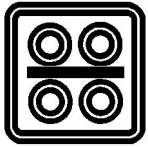
GUIDES

Denomination	Code	a	b	Gage
U 3/4X 3/4	11215	19	19	1.4
U 3/4 x 1	11220	19	25	1.4
U 3/4 x 1 1/2	11230	19	38	1.4
U 1 x 1	11235	25	25	1.4
U 1 x 1 1/2	11240	25	38	1.4
U 1 x 2	11245	25	50	1.5
U 1 x 2	11246	25	50	2.0
U 1 1/4 x 3/4	11250	32	19	1.4

STRUCTURE U CHANNELS



Denomination	Code	a	b	Gage
U 50 x 25	11259	50	25	2.0
U 50 x 25	11260	50	25	2.5
U 50 x 25	11261	50	25	3.0
U 80 x 30	11265	80	30	2.5
U 80 x 30	11266	80	30	3.0
U 100 x 30	11270	100	30	2.5
U 100 x 30	11271	100	30	3.0



Special Sections

Some samples of roll formed sections on request of our clients.
Let us know what You need and our Technical Department will find the solution.

