PESINA SUPPLIES

Light steel and drywall profiles catalogue

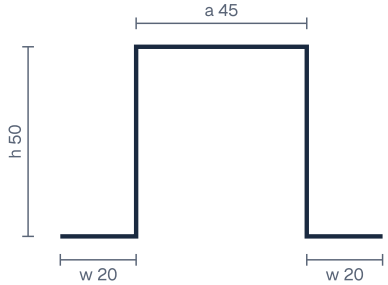
November 2026 pesinasupplies.com



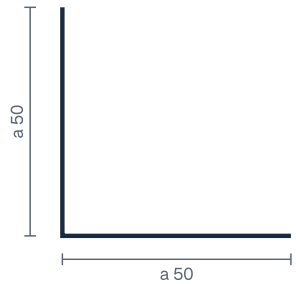
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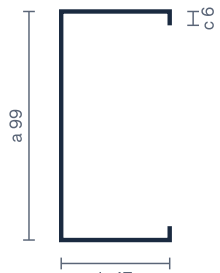
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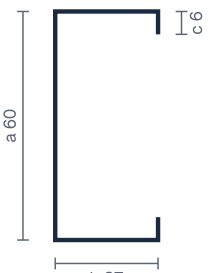
t 0.75–1.15



t 0.95–2.00



t 0.45–1.00



t 0.40–0.60

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How to order

There is no checkout and no payment on this site. This catalogue shows no prices. Prices, availability and delivery terms are given in our reply to your request.

1

Choose

Open a profile, then select the size and thickness you need.

2

Add length and quantity

Enter the length in metres (1.0 to 11.9 for light steel; 2.0 to 8.0 for drywall and ceiling profiles, 3.0 standard) and the number of pieces, then add the line to your request list. Repeat for every profile you need.

3

Send the list

Open the request list, check the lines and the approximate total weight, add your contact details and send. We reply by email with a quotation.

Contact

Email	info@pesinasupplies.com
WhatsApp	+90 216 969 73 99
Address	Yenisehir Mah. Sumbul Sok. No:8-2-603, 34912 Pendik, Istanbul, TR
Request list on the website	pesinasupplies.com/request-list/

Light steel profiles

These are the five profile families used in light gauge steel (LGS) framing: C studs and U track for wall, floor and roof frames, omega channels for furring, L angles for corners and connections, and flat strap for bracing.

Steel grades, light steel profiles

Grade	Supply
DX51D+Z	Standard
S280GD+Z / S320GD+Z / S350GD+Z	On request, subject to a minimum order (typically from 20 t)

All grades are hot-dip zinc-coated flat steel to EN 10346.

Zinc coating, light steel profiles

Class	Coating	Mass, both faces together	Supply
Z275	Zinc	275 g/m²	On request, subject to a minimum order (typically from 20 t)

Cut length and container fit, light steel profiles

Profiles are cut to the length on your list, from 1.0 to 11.9 m. The upper limit of 11.9 m is set by the internal length of a 40 ft high-cube container, about 12 m, so that the longest pieces can be loaded into the container.

Packaging

Profiles are bundled, strapped and labelled.

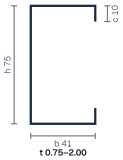
Light steel profiles

- **C stud profile** Lipped C section: the stud, joist and rafter member of light steel frames.
- **U track profile** Plain U section: top and bottom track in which the C studs are seated.
- **Omega furring profile** Top-hat (omega) section used as furring channel and batten.
- **L angle profile** Equal-leg L section for corners, edges and connections.
- **Flat strap bracing** Flat galvanised strap for X-bracing and ties in light steel frames.

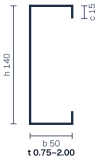
LIGHT STEEL PROFILES

C stud profile

Lipped C section: the stud, joist and rafter member of light steel frames.



C 75×41×10



C 140×50×15



C 200×50×15

Nominal weight, kg/m, by thickness t (mm)

Size	mm			kg/m				
	h	b	c	t 0.75	t 0.95	t 1.15	t 1.50	t 2.00
C 75×41×10	75	41	10	1.02	1.29	1.56	2.01	2.65
C 89×41×10	89	41	10	1.11	1.40	1.68	2.18	2.87
C 100×50×15	100	50	15	1.34	1.69	2.03	2.64	3.49
C 140×50×15	140	50	15	1.57	1.99	2.40	3.11	4.11
C 150×50×15	150	50	15	1.63	2.06	2.49	3.23	4.27
C 200×50×15	200	50	15	1.93	2.43	2.94	3.82	5.06

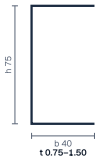
Section properties Ix / Iy (cm⁴), by thickness t (mm)

Size	Ix / Iy (cm⁴)				
	t 0.75	t 0.95	t 1.15	t 1.50	t 2.00
C 75×41×10	3.13 / 12.40	3.90 / 15.54	4.65 / 18.62	5.89 / 23.85	7.54 / 30.98
C 89×41×10	3.31 / 18.29	4.13 / 22.96	4.92 / 27.53	6.24 / 35.33	7.99 / 46.00
C 100×50×15	6.36 / 28.27	7.95 / 35.53	9.51 / 42.67	12.13 / 54.90	15.67 / 71.76
C 140×50×15	7.10 / 61.25	8.88 / 77.08	10.61 / 92.71	13.54 / 119.56	17.50 / 156.84
C 150×50×15	7.25 / 71.90	9.07 / 90.51	10.84 / 108.89	13.83 / 140.49	17.87 / 184.41
C 200×50×15	7.87 / 141.50	9.84 / 178.29	11.77 / 214.69	15.01 / 277.45	19.40 / 365.05

h = web height, b = flange, c = lip, a = top width or leg, w = wing or strap width, t = thickness.

U track profile

Plain U section: top and bottom track in which the C studs are seated.



U 75×40



U 140×40



U 200×40

Nominal weight, kg/m, by thickness t (mm)

Size	mm		kg/m			
	h	b	t 0.75	t 0.95	t 1.15	t 1.50
U 75×40	75	40	0.90	1.14	1.38	1.79
U 89×40	89	40	0.99	1.25	1.50	1.95
U 100×40	100	40	1.05	1.33	1.60	2.08
U 140×40	140	40	1.29	1.63	1.97	2.56
U 150×40	150	40	1.35	1.70	2.06	2.67
U 200×40	200	40	1.64	2.07	2.51	3.26

Section properties Ix / Iy (cm^4), by thickness t (mm)

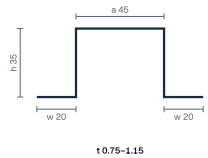
Size	Ix / Iy (cm^4)			
	t 0.75	t 0.95	t 1.15	t 1.50
U 75×40	1.91 / 10.75	2.40 / 13.51	2.88 / 16.22	3.71 / 20.87
U 89×40	2.01 / 15.87	2.52 / 19.96	3.03 / 23.99	3.90 / 30.91
U 100×40	2.08 / 20.75	2.61 / 26.11	3.14 / 31.41	4.04 / 40.51
U 140×40	2.27 / 45.69	2.85 / 57.58	3.42 / 69.36	4.41 / 89.68
U 150×40	2.30 / 53.88	2.90 / 67.92	3.48 / 81.83	4.48 / 105.85
U 200×40	2.45 / 108.43	3.08 / 136.82	3.70 / 164.99	4.77 / 213.76

h = web height, b = flange, c = lip, a = top width or leg, w = wing or strap width, t = thickness.

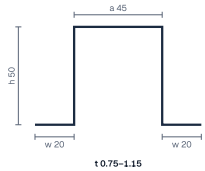
LIGHT STEEL PROFILES

Omega furring profile

Top-hat (omega) section used as furring channel and batten.



Ω 35×45×20



Ω 50×45×20

Nominal weight, kg/m, by thickness t (mm)

Size	mm			kg/m		
	h	a	w	t 0.75	t 0.95	t 1.15
Ω 35×45×20	35	45	20	0.90	1.13	1.37
Ω 50×45×20	50	45	20	1.08	1.36	1.64

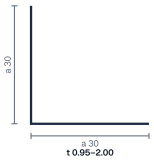
Section properties Ix / Iy (cm^4), by thickness t (mm)

Size	Ix / Iy (cm^4)		
	t 0.75	t 0.95	t 1.15
Ω 35×45×20	2.35 / 6.34	2.93 / 7.98	3.50 / 9.59
Ω 50×45×20	5.32 / 7.48	6.66 / 9.42	7.97 / 11.34

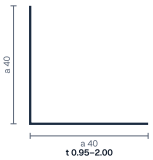
h = web height, b = flange, c = lip, a = top width or leg, w = wing or strap width, t = thickness.

L angle profile

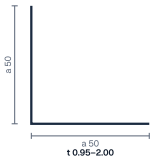
Equal-leg L section for corners, edges and connections.



L 30×30



L 40×40



L 50×50

Nominal weight, kg/m, by thickness t (mm)

Size	mm	kg/m			
	a	t 0.95	t 1.15	t 1.50	t 2.00
L 30×30	30	0.44	0.53	0.69	0.91
L 40×40	40	0.59	0.71	0.92	1.22
L 50×50	50	0.74	0.89	1.16	1.54

Section properties Ix / Iy (cm^4), by thickness t (mm)

Size	Ix / Iy (cm^4)			
	t 0.95	t 1.15	t 1.50	t 2.00
L 30×30	0.51 / 0.51	0.61 / 0.61	0.78 / 0.78	1.02 / 1.02
L 40×40	1.22 / 1.22	1.47 / 1.47	1.89 / 1.89	2.47 / 2.47
L 50×50	2.40 / 2.40	2.89 / 2.89	3.73 / 3.73	4.91 / 4.91

h = web height, b = flange, c = lip, a = top width or leg, w = wing or strap width, t = thickness.

Flat strap bracing

Flat galvanised strap for X-bracing and ties in light steel frames.



Strap 30



Strap 75



Strap 100

Nominal weight, kg/m, by thickness t (mm)

Size	mm	kg/m		
	w	t 0.95	t 1.15	t 1.50
Strap 30	30	0.22	0.27	0.35
Strap 50	50	0.37	0.45	0.59
Strap 75	75	0.56	0.68	0.88
Strap 100	100	0.75	0.90	1.18

h = web height, b = flange, c = lip, a = top width or leg, w = wing or strap width, t = thickness.

Drywall and ceiling profiles

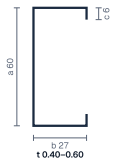
These are the four galvanised steel profile families for board-lined (drywall) partitions and suspended ceilings: ceiling C (CD 60/27) and ceiling U (UD 28) for ceilings, and wall C studs (CW) and wall U tracks (UW) for partitions.

Made to TS EN 14195. Steel DX51D (EN 10346); zinc coating options Z100, Z140, Z275. Reaction to fire class A1. Yield strength at least 140 N/mm². Standard length 3000 mm; special lengths from 2000 to 8000 mm on special order. Sizes are written web × flange (× lip), in mm; the thickness range depends on the size.

Profile	Sizes (mm)	Thickness t (mm)	Pcs per bundle
Ceiling C profile (CD 60/27)	CD 60×27×6 (CD 60/27)	0.40, 0.45, 0.50, 0.60	12
Ceiling U profile (UD 28)	UD 28×22	0.35, 0.40, 0.45, 0.50, 0.60	24
Ceiling U profile (UD 28)	UD 28×24	0.40, 0.45, 0.50, 0.60	24
Ceiling U profile (UD 28)	UD 28×27	0.45, 0.50, 0.60	24
Wall C stud (drywall)	CW 49×35×6 (CW 50)	0.40, 0.45, 0.50, 0.60	12
Wall C stud (drywall)	CW 49×42×6 (CW 50)	0.45, 0.50, 0.60	12
Wall C stud (drywall)	CW 49×47×6 (CW 50)	0.45, 0.50, 0.60, 0.80, 0.90, 1.00	8–12
Wall C stud (drywall)	CW 74×35×6 (CW 75)	0.40, 0.45, 0.50, 0.60	12
Wall C stud (drywall)	CW 74×42×6 (CW 75)	0.45, 0.50, 0.60	12
Wall C stud (drywall)	CW 74×47×6 (CW 75)	0.45, 0.50, 0.60, 0.80, 0.90, 1.00	8–12
Wall C stud (drywall)	CW 99×35×6 (CW 100)	0.45, 0.50, 0.60	8
Wall C stud (drywall)	CW 99×42×6 (CW 100)	0.45, 0.50, 0.60	8
Wall C stud (drywall)	CW 99×47×6 (CW 100)	0.45, 0.50, 0.60, 0.80, 0.90, 1.00	8
Wall U track (drywall)	UW 50×24	0.35, 0.40	12
Wall U track (drywall)	UW 50×30	0.40, 0.45, 0.50, 0.60	12
Wall U track (drywall)	UW 50×38	0.40, 0.45, 0.50, 0.60, 0.70	12
Wall U track (drywall)	UW 75×24	0.35, 0.40	12
Wall U track (drywall)	UW 75×30	0.40, 0.45, 0.50, 0.60	12
Wall U track (drywall)	UW 75×38	0.40, 0.45, 0.50	12
Wall U track (drywall)	UW 100×28	0.40, 0.45, 0.50, 0.60	12
Wall U track (drywall)	UW 100×38	0.40, 0.45, 0.50, 0.60, 0.70	8

Ceiling C profile (CD 60/27)

Galvanised C channel for suspended ceiling frames, 60×27×6 mm, to TS EN 14195.



CD 60×27×6 (CD 60/27)

Nominal weight, kg/m, by thickness t (mm)

Size	mm			kg/m			
	a	b	c	t 0.40	t 0.45	t 0.50	t 0.60
CD 60×27×6 CD 60/27	60	27	6	0.39	0.44	0.49	0.58

Section properties Ix / Iy (cm⁴), by thickness t (mm)

Size	Ix / Iy (cm⁴)			
	t 0.40	t 0.45	t 0.50	t 0.60
CD 60×27×6	0.50 / 2.93	0.56 / 3.29	0.62 / 3.64	0.73 / 4.34

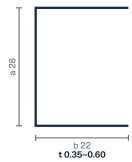
Pieces per bundle / approx. weight per bundle (kg), by thickness t (mm)

Size	pcs / kg			
	t 0.40	t 0.45	t 0.50	t 0.60
CD 60×27×6	12 / 14.1	12 / 15.8	12 / 17.5	12 / 21.0

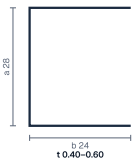
Sizes are written web × flange (× lip). a = web, b = flange, c = lip, t = thickness.

Ceiling U profile (UD 28)

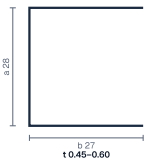
Galvanised U edge channel for suspended ceilings, 28 mm web, three flange heights, to TS EN 14195.



UD 28×22



UD 28×24



UD 28×27

Nominal weight, kg/m, by thickness t (mm)

Size	mm		kg/m				
	a	b	t 0.35	t 0.40	t 0.45	t 0.50	t 0.60
UD 28×22	28	22	0.20	0.22	0.25	0.28	0.33
UD 28×24	28	24	–	0.24	0.27	0.29	0.35
UD 28×27	28	27	–	–	0.29	0.32	0.38

Section properties Ix / Iy (cm^4), by thickness t (mm)

Size	Ix / Iy (cm^4)				
	t 0.35	t 0.40	t 0.45	t 0.50	t 0.60
UD 28×22	0.13 / 0.35	0.15 / 0.40	0.17 / 0.45	0.19 / 0.50	0.22 / 0.59
UD 28×24	–	0.19 / 0.43	0.21 / 0.48	0.23 / 0.54	0.28 / 0.64
UD 28×27	–	–	0.29 / 0.54	0.32 / 0.59	0.38 / 0.70

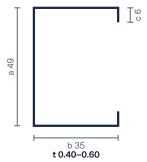
Pieces per bundle / approx. weight per bundle (kg), by thickness t (mm)

Size	pcs / kg				
	t 0.35	t 0.40	t 0.45	t 0.50	t 0.60
UD 28×22	24 / 14.1	24 / 16.1	24 / 18.1	24 / 20.1	24 / 24.0
UD 28×24	–	24 / 17.0	24 / 19.1	24 / 21.2	24 / 25.4
UD 28×27	–	–	24 / 20.6	24 / 22.9	24 / 27.4

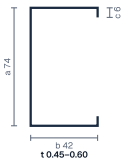
Sizes are written web × flange (× lip). a = web, b = flange, c = lip, t = thickness.

Wall C stud (drywall)

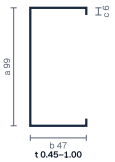
Galvanised C stud for drywall partitions, in CW 50, CW 75 and CW 100, to TS EN 14195.



CW 49×35×6 (CW 50)



CW 74×42×6 (CW 75)



CW 99×47×6 (CW 100)

Nominal weight, kg/m, by thickness t (mm)

Size	mm			kg/m						
	a	b	c	t 0.40	t 0.45	t 0.50	t 0.60	t 0.80	t 0.90	t 1.00
CW 49×35×6 CW 50	49	35	6	0.41	0.46	0.51	0.61	–	–	–
CW 49×42×6 CW 50	49	42	6	–	0.51	0.56	0.67	–	–	–
CW 49×47×6 CW 50	49	47	6	–	0.54	0.60	0.72	0.95	1.07	1.19
CW 74×35×6 CW 75	74	35	6	0.48	0.54	0.60	0.72	–	–	–
CW 74×42×6 CW 75	74	42	6	–	0.59	0.66	0.79	–	–	–
CW 74×47×6 CW 75	74	47	6	–	0.63	0.70	0.84	1.11	1.25	1.38
CW 99×35×6 CW 100	99	35	6	–	0.63	0.70	0.84	–	–	–
CW 99×42×6 CW 100	99	42	6	–	0.68	0.76	0.91	–	–	–
CW 99×47×6 CW 100	99	47	6	–	0.72	0.80	0.95	1.27	1.42	1.58

Section properties Ix / Iy (cm⁴), by thickness t (mm)

Size	Ix / Iy (cm⁴)						
	t 0.40	t 0.45	t 0.50	t 0.60	t 0.80	t 0.90	t 1.00
CW 49×35×6	0.87 / 2.23	0.97 / 2.50	1.08 / 2.77	1.28 / 3.30	–	–	–
CW 49×42×6	–	1.52 / 2.87	1.68 / 3.18	2.00 / 3.79	–	–	–
CW 49×47×6	–	2.00 / 3.14	2.22 / 3.47	2.64 / 4.14	3.47 / 5.45	3.87 / 6.09	4.26 / 6.72
CW 74×35×6	1.00 / 5.61	1.12 / 6.30	1.24 / 6.98	1.47 / 8.32	–	–	–
CW 74×42×6	–	1.75 / 7.15	1.93 / 7.92	2.30 / 9.45	–	–	–
CW 74×47×6	–	2.31 / 7.76	2.55 / 8.60	3.04 / 10.26	3.99 / 13.54	4.45 / 15.16	4.91 / 16.76
CW 99×35×6	–	1.22 / 12.26	1.35 / 13.59	1.60 / 16.23	–	–	–
CW 99×42×6	–	1.92 / 13.79	2.12 / 15.29	2.52 / 18.26	–	–	–
CW 99×47×6	–	2.53 / 14.88	2.80 / 16.50	3.34 / 19.71	4.38 / 26.06	4.89 / 29.19	5.40 / 32.29

Pieces per bundle / approx. weight per bundle (kg), by thickness t (mm)

Size	pcs / kg						
	t 0.40	t 0.45	t 0.50	t 0.60	t 0.80	t 0.90	t 1.00
CW 49×35×6	12 / 14.6	12 / 16.4	12 / 18.2	12 / 21.8	–	–	–
CW 49×42×6	–	12 / 18.2	12 / 20.2	12 / 24.2	–	–	–
CW 49×47×6	–	12 / 19.5	12 / 21.6	12 / 25.9	8 / 22.9	8 / 25.7	8 / 28.4
CW 74×35×6	12 / 17.5	12 / 19.6	12 / 21.8	12 / 26.0	–	–	–
CW 74×42×6	–	12 / 21.4	12 / 23.7	12 / 28.4	–	–	–
CW 74×47×6	–	12 / 22.7	12 / 25.2	12 / 30.1	8 / 26.6	8 / 29.9	8 / 33.2
CW 99×35×6	–	8 / 15.2	8 / 16.9	8 / 20.2	–	–	–
CW 99×42×6	–	8 / 16.4	8 / 18.2	8 / 21.8	–	–	–
CW 99×47×6	–	8 / 17.2	8 / 19.1	8 / 22.9	8 / 30.4	8 / 34.1	8 / 37.9

Sizes are written web × flange (× lip). a = web, b = flange, c = lip, t = thickness.

Wall U track (drywall)

Galvanised U track for drywall partitions, in UW 50, UW 75 and UW 100, to TS EN 14195.



UW 50×24



UW 75×30



UW 100×38

Nominal weight, kg/m, by thickness t (mm)

Size	mm		kg/m					
	a	b	t 0.35	t 0.40	t 0.45	t 0.50	t 0.60	t 0.70
UW 50×24	50	24	0.27	0.31	–	–	–	–
UW 50×30	50	30	–	0.34	0.39	0.43	0.51	–
UW 50×38	50	38	–	0.39	0.44	0.49	0.59	0.68
UW 75×24	75	24	0.34	0.38	–	–	–	–
UW 75×30	75	30	–	0.42	0.47	0.53	0.63	–
UW 75×38	75	38	–	0.47	0.53	0.59	–	–
UW 100×28	100	28	–	0.49	0.55	0.61	0.73	–
UW 100×38	100	38	–	0.55	0.62	0.69	0.82	0.96

Section properties Ix / Iy (cm⁴), by thickness t (mm)

Size	Ix / Iy (cm⁴)					
	t 0.35	t 0.40	t 0.45	t 0.50	t 0.60	t 0.70
UW 50×24	0.20 / 1.38	0.23 / 1.58	–	–	–	–
UW 50×30	–	0.42 / 1.87	0.47 / 2.10	0.52 / 2.33	0.62 / 2.78	–
UW 50×38	–	0.79 / 2.27	0.88 / 2.54	0.98 / 2.82	1.17 / 3.36	1.36 / 3.90
UW 75×24	0.22 / 3.54	0.25 / 4.03	–	–	–	–
UW 75×30	–	0.47 / 4.70	0.53 / 5.28	0.59 / 5.85	0.70 / 6.99	–
UW 75×38	–	0.90 / 5.59	1.01 / 6.28	1.12 / 6.96	–	–
UW 100×28	–	0.42 / 8.81	0.47 / 9.89	0.52 / 10.97	0.62 / 13.12	–
UW 100×38	–	0.97 / 10.79	1.09 / 12.12	1.21 / 13.45	1.45 / 16.09	1.69 / 18.71

Pieces per bundle / approx. weight per bundle (kg), by thickness t (mm)

Size	pcs / kg					
	t 0.35	t 0.40	t 0.45	t 0.50	t 0.60	t 0.70
UW 50×24	12 / 9.6	12 / 11.0	–	–	–	–
UW 50×30	–	12 / 12.3	12 / 13.9	12 / 15.4	12 / 18.4	–
UW 50×38	–	12 / 14.2	12 / 15.9	12 / 17.7	12 / 21.2	12 / 24.6
UW 75×24	12 / 12.1	12 / 13.8	–	–	–	–
UW 75×30	–	12 / 15.2	12 / 17.1	12 / 18.9	12 / 22.7	–
UW 75×38	–	12 / 17.0	12 / 19.1	12 / 21.2	–	–
UW 100×28	–	12 / 17.5	12 / 19.7	12 / 21.9	12 / 26.2	–
UW 100×38	–	8 / 13.2	8 / 14.8	8 / 16.5	8 / 19.8	8 / 23.0

Sizes are written web × flange (× lip). a = web, b = flange, c = lip, t = thickness.

Load estimate

Preliminary assumptions behind the load estimate on the request list page of the website.

	Internal size L × W × H (m)	Internal volume (m³)	Usable payload (kg)	Longest piece (m)
40 ft high cube container	12.03 × 2.35 × 2.69	76.0	26 000	12.0
Truck (13.6 m tautliner)	13.60 × 2.45 × 2.70	90.0	24 000	13.6

- Usable volume: 85 % of the internal volume (gaps between bundles, dunnage, door allowance).
- Bundle volume: section envelope × length × 1.15 (strapping, dunnage, spacing). Nesting of sections is not counted.

Estimate from nominal weights and bundle envelopes. Road weight limits differ by country; we confirm the loading plan with the quotation.

The request list page of the website applies these assumptions to your list and shows how many containers or trucks it needs. pesinasupplies.com/request-list/

Notes

- Nominal weights, calculated from the section geometry (steel density 7.85 kg/dm³); coating mass not added. Dimensions in mm.
- Nominal weights, calculated from the nominal centreline dimensions (steel density 7.85 kg/dm³), lips included where present. Galvanising and stiffening ribs are not included. Weight per bundle = kg/m × 3.0 m × pieces per bundle. A dash means the thickness is not listed for that size. Dimensions in mm.
- Gross section properties calculated from nominal centreline dimensions; corner radii and stiffening ribs ignored. Not for structural design — effective properties to EN 1993-1-3 on request. Ix = about the axis parallel to the web, Iy = about the axis of symmetry.
- h = web height, b = flange, c = lip, a = top width or leg, w = wing or strap width, t = thickness.
- Sizes are written web × flange (× lip). a = web, b = flange, c = lip, t = thickness.
- Dimensional and cross-section tolerances are applied according to EN 10162 (cold rolled steel sections: technical delivery conditions, dimensional and cross-sectional tolerances). Weights on this site are nominal values from the section geometry, not measured values.

How unit weights are calculated, light steel profiles

Weight in kg/m = developed centre-line length L (mm) × thickness t (mm) × 7.85 × 10^{-3}. The coating mass is not added. The developed length for each family is:

C stud	L = (h − t) + 2 (b − t) + 2 (c − t/2)
U track	L = (h − t) + 2 (b − t/2)
Omega	L = a + 2 (h − t) + 2 (w − t/2), approximate
L angle	L = 2 (a − t/2)
Flat strap	L = w

h web height, b flange, c lip, a top width (omega) or leg (L), w wing (omega) or strap width, all in mm.

Weight in kg/m = centre-line length L (mm) × thickness t (mm) × 7.85 × 10^{-3}, with L = (web − t) + 2 (flange − t/2) for the plain U sections (UD, UW) and L = (web − t) + 2 (flange − t) + 2 (lip − t/2) for the C sections with 6 mm lips (CD, CW). Galvanising and any stiffening ribs are not included, so these are nominal values. Weight per bundle = kg/m × 3.0 m × pieces per bundle. Ix and Iy are gross section properties from the same nominal dimensions (corner radii and stiffening ribs ignored; not for structural design, effective properties to EN 1993-1-3 on request).

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