



SSAB Domex® Sections

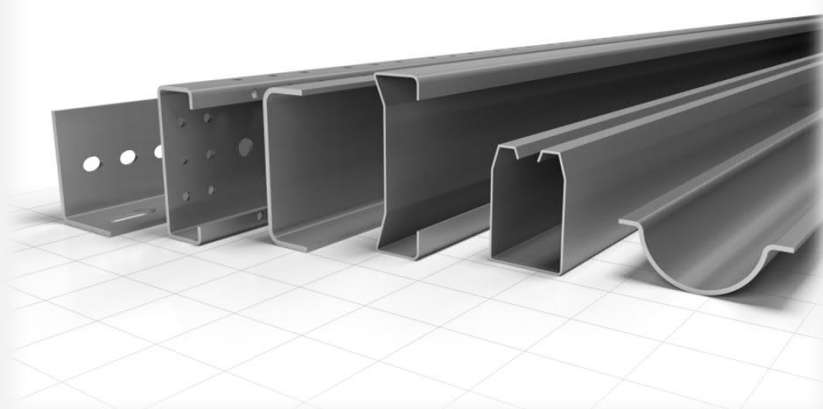
Cold-formed steel sections for wide range of applications

SSAB's cold-formed steel sections are suitable for practically any kind of steel structure, whether for commercial or residential buildings, machines or appliances.

The steel in SSAB Domex® Section meets or exceeds the requirements of EN 10149-2, EN 10025-2 or EN 10346 depending on selected product.

SSAB Domex® Sections' tolerances meet or exceed, when applicable, the requirements of EN 10162.

SSAB Domex® Sections are available in various shapes and thicknesses. The maximum length of the sections is 21 meters, cut-to-length sections are available upon request.





SSAB Domex® Sections

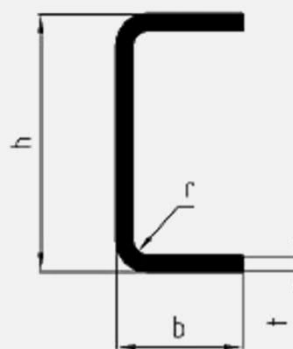
Steel Grade	Band width (mm)	Wall Thickness (mm)	Delivery length (m)
S235J2C+N	27 – 820	2.0 – 12	0.5 – 21
SSAB Domex 355MC	27 – 820	2.0 – 12	0.5 – 21
SSAB Domex 420MC	40 – 820	2.0 – 12	0.5 – 21
SSAB Domex 460MC	50 – 820	2.0 – 12	0.5 – 21
SSAB Domex 500MC	60 – 820	2.0 – 12	0.5 – 21
SSAB Domex 550MC	60 – 820	2.0 – 12	0.5 – 21
SSAB Domex 320GD	27 – 660	1.5 – 3.0	0.5 – 16
SSAB Domex 350GD	27 – 660	1.5 – 3.0	0.5 – 16

The datasheets of the steel grades are presented on ssab.com
Section manufacturing according to EN 10162:2003



SSAB Domex® Sections / Stock Sections

U-Sections



h (mm)	b (mm)	t (mm)	r (mm)	M (kg/m)
16	16	2	2	0.65
20	20	2	2	0.84
25	25	2	2	1.07
30	30	2	2	1.31
30	30	3	3	1.89
35	35	2	2	1.54
35	35	3	3	2.24
40	20	2	2	1.15
40	40	2	2	1.78
40	40	3	3	2.59
50 ^c	20	3	3	1.86
50	25	3	3	2.13
50	30	3	3	2.36
50 ^c	35	3	3	2.59
50	40	3	3	2.83
50	50	3	3	3.30
50	50	4	4	4.30
60	30	3	3	2.59
60	40	3	3	3.06
70	40	3	3	3.30
70	50	4	4	4.92
80	40	3	3	3.53
80	40	4	4	4.61
80 ^c	40	5	6	5.60
80	50	4	4	5.24
80	50	5	6	6.39

Delivery length 6000 mm

Steel grade: S235J2C+N EN 10025-2:2019

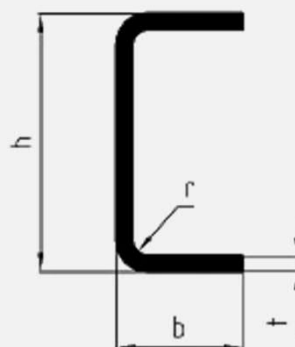
Section manufacturing according to EN 10162:2003

*) Available upon request



SSAB Domex® Sections / Stock Sections

U-Sections



h (mm)	b (mm)	t (mm)	r (mm)	M (kg/m)
100*	30	3	3	3.53
100	50	3	3	4.48
100	50	4	4	5.87
100	50	5	6	7.17
100	50	6	8	8.33
120	40	4	4	5.87
120	50	4	4	6.49
120	60	4	4	7.12
120	60	6	8	10.30
140	60	4	4	7.75
140	60	6	8	11.24
140	70	4	4	8.38
140	70	5	6	10.31
160	60	5	6	10.31
160	60	6	8	12.18
160	70	6	8	13.12
180	70	6	8	14.07
200	60	6	8	14.07
200	70	6	8	15.01
200	80	6	8	16.00
250	75	6	8	17.83

Delivery length 6000 mm

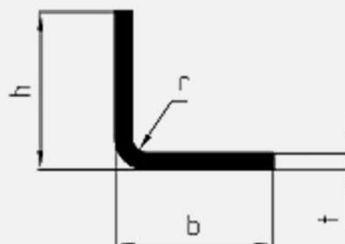
Steel grade: S235J2C+N EN 10025-2:2019

Section manufacturing according to EN 10162:2003

*) Available upon request

SSAB Domex® Sections / Stock Sections

Equal Angles



h (mm)	b (mm)	t (mm)	r (mm)	M (kg/m)
15	15	2	2	0.42
20	20	2	2	0.58
25	25	2	2	0.73
30	30	2	2	0.89
30	30	3	3	1.30
40	40	2	2	1.20
40	40	3	3	1.77
50	50	3	3	2.24
50	50	4	4	2.93
60	60	3	3	2.71
70	70	5	6	5.16
75 [*]	75	4	4	4.50
80	80	5	6	5.94

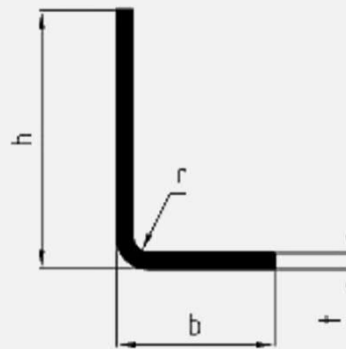
Delivery length 6000 mm
 Steel grade: S235J2C+N EN 10025-2:2019
 Section manufacturing according to EN 10162:2003

^{*}) Available upon request



SSAB Domex® Sections / Stock Sections

Unequal Angles



h (mm)	b (mm)	t (mm)	r (mm)	M (kg/m)
40	20	2	2	0.89
50	30	3	3	1.77
60	30	3	2	2.00
60	40	3	3	2.24
70	50	4	4	3.56
100	50	4	4	4.50
125	65	5	6	7.12
150	50	5	6	7.51

Delivery length 6000 mm

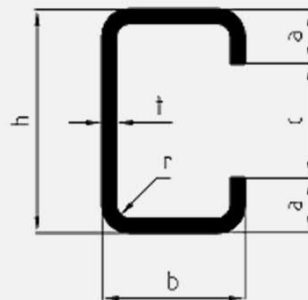
Steel grade: S235J2C+N EN 10025-2:2019

Section manufacturing according to EN 10162:2003



SSAB Domex® Sections / Stock Sections

C-Sections



h (mm)	b (mm)	a (mm)	c (mm)	t (mm)	r (mm)	M (kg/m)	
28	15	8	12	2	2	0.95	*
30	30	10	10	2	2	1.52	
34	19	8.5	17	2	2	1.19	
50	30	14	22	3	3	2.78	
50	40	10	30	3	3	3.07	
100	50	15	70	3	3	4.95	

Delivery length 6000 mm

Steel grade: S235J2C+N EN 10025-2:2019

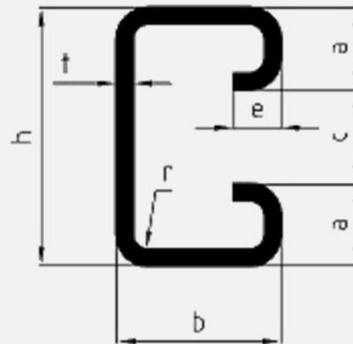
*) Optional steel grade: DC01 AM EN 10130:2006

Section manufacturing according to EN 10162:2003



SSAB Domex® Sections / Stock Sections

Lipped C-Sections



h (mm)	b (mm)	a (mm)	e (mm)	c (mm)	t (mm)	r (mm)	M (kg/m)
48	26	13	6	22	2	2	1.86
50	30	14	8	22	3	3	2.93

Delivery length 6000 mm

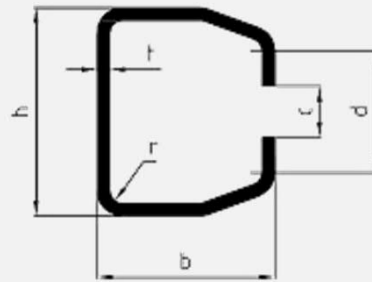
Steel grade: S235J2C+N EN 10025-2:2019

Section manufacturing according to EN 10162:2003



SSAB Domex® Sections / Stock Sections

Conveyor Rails



h (mm)	b (mm)	c (mm)	d (mm)	t (mm)	r (mm)	M (kg/m)	
30	30	8	20	2	2	1.47	*
41	35	10	24	2.5	2.5	2.33	

Delivery length 6000 mm

Steel grade: S350GD+Z275MAC EN 10346:2015

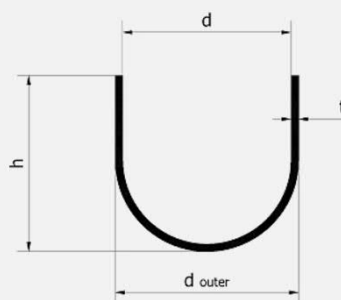
*) Optional steel grade: S235J2C+N EN 10025-2:2019

Section manufacturing according to EN 10162:2003



SSAB Domex® Sections / Stock Sections

Cable Cover



d (mm)	d _{outer} (mm)	h (mm)	t (mm)	Straight Galvanized SG	Bended Galvanized TG
16 ^(*)	19	17	1.5 ⁽¹⁾	x	x
25	28	27	1.5 ⁽¹⁾	x	x
35	38	37	1.5 ⁽¹⁾	x	x
45	49	47	2 ⁽²⁾	x	x
60	64	62	2 ⁽²⁾	x	-
100	104	102	2 ⁽³⁾	x	-

Delivery length 2500 mm

1) S320GD+Z275MAC EN 10346:2015

2) S350GD+Z275MAC EN 10346:2015

3) S235J2C+N EN 10025-2 (Hot dip galvanized)

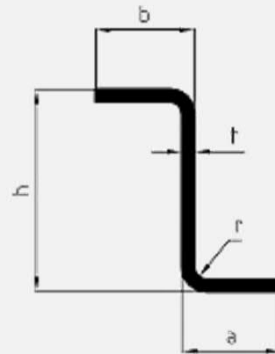
*) Shape rectangular

Section manufacturing according to EN 10162:2003



SSAB Domex® Sections / Manufacturing to order

Z-Sections



h (mm)	b (mm)	a (mm)	t (mm)	r (mm)	M (kg/m)
53	40	30	3	3	2.66
100	50	50	3	3	4.48
150	50	50	4	4	7.44

Delivery length 6000 mm

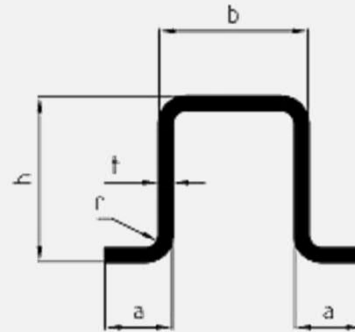
Steel grade: S235J2C+N EN 10025-2:2019

Section manufacturing according to EN 10162:2003



SSAB Domex® Sections / Manufacturing to order

Hat Omega Sections



h (mm)	b (mm)	a (mm)	t (mm)	r (mm)	M (kg/m)
50	35	22	2.5	2.5	3.19
50	60	32	4	8	6.20

Delivery length 6000 mm

Steel grade: S235J2C+N EN 10025-2:2019

Section manufacturing according to EN 10162:2003



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V1 / 2020

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