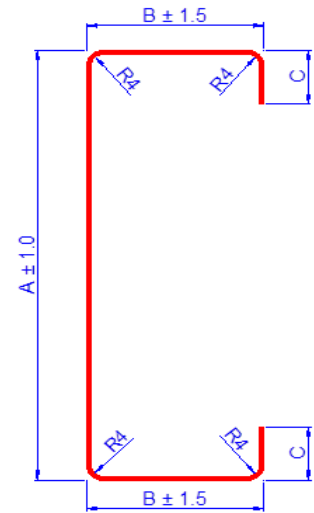


"CEE" SECTION PURLINS



SPECIFICATIONS :

Nominal Size	Dim. "A"	Dim. "B"	Dim. "C"	MATERIAL THICKNESS																	
				1.50	1.70	1.90	2.00	2.25	2.65	3.00	3.35	3.75	4.00								
400 * 100	400	100	25																		
360 * 100	360	100	20																		
340 * 100	340	100	20																		
300 * 100	300	100	20																		
260 * 85	260	85	25																		
240 * 75	240	75	25																		
200 * 75	200	75	25																		
160 * 60	160	60	20																		
140 * 60	140	60	20																		
120 * 60	120	60	17																		
100 * 50	100	50	17																		



Dim in mm.

Material: Galvanized/Black iron

Prepainted steel Grade 350 Mpa

Blank Width are based on 2.5 mm thickness.

Dim "C" varies with blank width and Material thickness.

Tolerances:

BOW 1 mm per meter

CAMBER 1 mm per meter

TWIST 1 mm per meter

FLARE ±3 mm within 200 mm of each end

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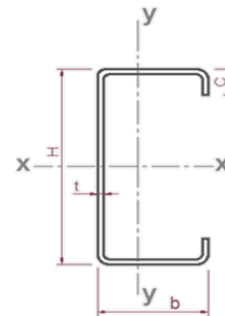
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CEE Profile



This standard profile range helps the designer to choose the optimal profile. As a result, we are able to maintain short delivery times on the scale of each building project.

Section								Section properties						
Section Type	Section Name	H (mm)	b (mm)	C (mm)	t (mm)	G (kg/m)	steel Grade	A (cm ²)	I _x (cm ⁴)	Z _x (cm ³)	I _y (cm ⁴)	Z _y (cm ³)	r _x (cm)	r _y (cm)
C 400	C 400*4	400	90	25	4	18.8	St.37 St.52 St.44	16.50	5012.81	250.64	175.03	61.53	17.43	3.26
	C 400*3				3	14.3		11.50	3715.70	185.78	128.61	41.71	17.97	3.34
	C 400*2.5				2.5	12		9.03	3038.43	151.92	103.66	31.56	18.34	3.39
	C 400*2				2	9.6		6.75	2362.02	118.10	78.84	22.30	18.71	3.42
C 360	C 360*4	360	90	25	4	17.5	St.37 St.52 St.44	16.40	3942.46	219.03	174.32	60.93	15.51	3.26
	C 360*3.5				3.5	15.4		13.64	3427.47	190.42	149.58	49.57	15.85	3.31
	C 360*3				3	13.3		11.05	2902.11	161.23	124.59	38.90	16.20	3.36
	C 360*2.5				2.5	11.2		8.66	2372.36	131.80	99.74	29.15	16.55	3.39
	C 360*2				2	9		6.46	1844.30	102.46	75.34	20.44	16.89	3.41
C 300	C 300*4	300	90	25	4	15.6	St.37 St.52 St.44	16.21	2592.62	172.84	172.97	59.82	12.65	3.27
	C 300*3.5				3.5	13.8		13.51	2268.74	151.25	148.55	48.80	12.96	3.32
	C 300*3				3	11.9		10.98	1935.14	129.01	123.93	38.46	13.27	3.36
	C 300*2.5				2.5	10		8.62	1593.72	106.25	99.31	28.90	13.60	3.39
	C 300*2				2	8.1		6.45	1248.42	83.23	75.11	20.32	13.92	3.41
C 250	C 250*4	250	80	25	4	13.4	St.37 St.52 St.44	15.17	1577.51	126.20	128.23	50.44	10.20	2.91
	C 250*3.5				3.5	11.9		12.67	1389.01	111.12	110.64	41.42	10.47	2.96
	C 250*3				3	10.3		10.29	1192.76	95.42	92.66	32.77	10.77	3.00
	C 250*2.5				2.5	8.6		8.07	989.17	79.13	74.50	24.68	11.07	3.04
	C 250*2				2	7		6.03	780.44	62.44	56.58	17.41	11.38	3.06
C 200	C 200*4	200	80	25	4	11.9	St.37 St.52 St.44	14.71	933.38	93.34	125.62	48.03	7.97	2.92
	C 200*3.5				3.5	10.5		12.35	826.35	82.63	108.63	39.73	8.18	2.97
	C 200*3				3	9.1		10.09	714.80	71.48	91.19	31.66	8.42	3.01
	C 200*2.5				2.5	7.7		7.95	598.28	59.83	73.54	24.03	8.67	3.04
	C 200*2				2	6.2		5.95	476.57	47.66	55.82	16.99	8.95	3.06
	C 200*1.5				1.5	4.7		4.16	328.89	32.89	42.55	13.14	8.89	3.20
C 150	C 150*4	150	80	25	4	10.3	St.37 St.52 St.44	13.35	475.99	63.46	116.86	40.84	5.97	2.96
	C 150*3.5				3.5	9.1		11.76	422.82	56.38	104.58	36.54	6.00	2.98
	C 150*3				3	7.9		9.78	367.85	49.05	88.78	29.92	6.13	3.01
	C 150*2.5				2.5	6.7		7.77	310.63	41.42	71.95	23.00	6.32	3.04
	C 150*2				2	5.4		5.87	250.58	33.41	54.95	16.49	6.53	3.06
	C 150*1.5				1.5	4.1		3.78	169.21	22.56	38.33	10.77	6.69	3.19
C 100	C 100*4	100	60	25	4	7.5	St.37 St.52 St.44	9.75	148.41	29.68	49.76	20.51	3.90	2.26
	C 100*3.5				3.5	6.6		8.61	132.67	26.53	44.82	18.47	3.92	2.28
	C 100*3				3	5.8		7.46	116.16	23.23	39.54	16.29	3.95	2.30
	C 100*2.5				2.5	4.7		6.27	98.86	19.77	33.90	13.97	3.97	2.32
	C 100*2				2	3.8		4.91	80.76	16.15	27.04	10.81	4.05	2.35
	C 100*1.5				1.5	3		3.45	61.64	12.33	19.14	7.11	4.23	2.36

Material : Galvanized / Black iron
Prepainted steel Grade 350 Mpa

For effective cross section properties.

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