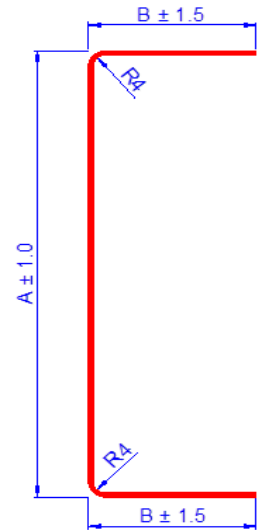


"U" SECTION PURLINS

SPECIFICATIONS :

Nominal Size	Dim. "A"	Dim. "B"	MATERIAL THICKNESS												
			1.00	2.00	2.25	2.65	3.00	3.35	3.75	4.00	4.25	4.75			
400 * 100	200	100		■	■	■	■	■	■	■	■	■	■	■	■
200 * 80	200	80		■	■	■	■	■	■	■	■	■	■	■	■
200 * 50	200	50		■	■	■	■	■	■	■	■	■	■	■	■
160 * 40-75	160	40 - 75	■	■	■	■	■	■	■	■	■	■	■	■	■
150 * 100	150	100		■	■	■	■	■	■	■	■	■	■	■	■
150 * 80	150	80		■	■	■	■	■	■	■	■	■	■	■	■
150 * 50	150	50		■	■	■	■	■	■	■	■	■	■	■	■
125 * 100	125	100		■	■	■	■	■	■	■	■	■	■	■	■
125 * 80	125	80		■	■	■	■	■	■	■	■	■	■	■	■
125 * 50	125	50		■	■	■	■	■	■	■	■	■	■	■	■
100 * 80	100	80		■	■	■	■	■	■	■	■	■	■	■	■
100 * 50	100	50		■	■	■	■	■	■	■	■	■	■	■	■
100 * 40	100	40		■	■	■	■	■	■	■	■	■	■	■	■
80 * 40-75	80	40 - 75	■	■	■	■	■	■	■	■	■	■	■	■	■
60 * 40-75	60	40 - 75	■	■	■	■	■	■	■	■	■	■	■	■	■
50 * 40-75	50	40 - 75	■	■	■	■	■	■	■	■	■	■	■	■	■
40 * 40-75	40	40 - 75	■	■	■	■	■	■	■	■	■	■	■	■	■



Material: Galvanized/Black iron

Preprinted steel Grade 350 Mpa

Blank Width are based on 3 mm thickness.

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

You can use unequal legs

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

ALEXFORM

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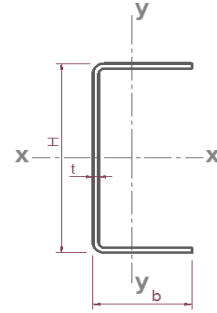
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U Profile



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)	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)
U 400	U 400*4	400	100	4	18.34	St.37 St.52 St.44	15.83	4829.52	241.48	157.80	60.04	17.47	3.16
	U 400*3			3	13.85		10.92	3551.32	177.57	113.56	40.33	18.03	3.22
	U 400*2.5			2.5	11.58		8.52	2890.16	144.51	90.74	30.38	18.42	3.26
	U 400*2			2	9.29		6.31	2234.33	111.72	68.49	21.37	18.81	3.29
U 360	U 360*4	360	100	4	17.08	St.37 St.52 St.44	15.73	3801.36	211.19	157.20	59.46	15.55	3.16
	U 360*3.5			3.5	15.00		13.01	3291.44	182.86	133.56	48.17	15.91	3.20
	U 360*3			3	12.91		10.47	2774.68	154.15	110.23	37.62	16.28	3.24
	U 360*2.5			2.5	10.79		8.15	2257.10	125.39	87.51	28.06	16.65	3.28
	U 360*2			2	8.67		6.03	1744.80	96.93	65.62	19.58	17.01	3.30
U 300	U 300*4	300	90	4	14.57	St.37 St.52 St.44	14.74	2329.44	155.30	116.69	50.68	12.57	2.81
	U 300*3.5			3.5	12.80		12.18	2029.37	135.29	99.40	41.19	12.91	2.86
	U 300*3			3	11.02		9.80	1722.14	114.81	82.31	32.31	13.25	2.90
	U 300*2.5			2.5	9.22		7.61	1409.66	93.98	65.52	24.14	13.61	2.93
	U 300*2			2	7.41		5.61	1095.89	73.06	49.25	16.85	13.97	2.96
U 250	U 250*4	250	90	4	13.00	St.37 St.52 St.44	14.49	1524.60	121.97	115.59	49.44	10.26	2.82
	U 250*3.5			3.5	11.43		12.03	1336.91	106.95	98.64	40.41	10.54	2.86
	U 250*3			3	9.84		9.71	1143.08	91.45	81.79	31.83	10.85	2.90
	U 250*2.5			2.5	8.24		7.56	943.56	75.48	65.17	23.85	11.17	2.94
	U 250*2			2	6.63		5.59	740.55	59.24	49.11	16.74	11.51	2.96
U 200	U 200*4	200	80	4	10.80	St.37 St.52 St.44	13.23	830.24	83.02	81.86	40.13	7.92	2.49
	U 200*3.5			3.5	9.51		11.02	732.17	73.22	70.14	33.08	8.15	2.52
	U 200*3			3	8.20		8.91	630.68	63.07	58.40	26.24	8.41	2.56
	U 200*2.5			2.5	6.87		6.94	525.32	52.53	46.76	19.82	8.70	2.60
	U 200*2			2	5.53		5.12	416.01	41.60	35.30	13.91	9.01	2.63
	U 200*1.5			1.5	4.17		3.85	314.73	31.47	26.71	10.59	9.04	2.63
U 150	U 150*4	150	70	4	8.60	St.37 St.52 St.44	11.07	382.59	51.01	53.00	28.33	5.88	2.19
	U 150*3.5			3.5	7.58		9.73	338.69	45.16	46.89	25.33	5.90	2.20
	U 150*3			3	6.55		8.00	293.65	39.15	39.52	20.68	6.06	2.22
	U 150*2.5			2.5	5.50		6.26	247.05	32.94	31.85	15.82	6.28	2.26
	U 150*2			2	4.43		4.64	198.33	26.44	24.24	11.25	6.54	2.29
	U 150*1.5			1.5	3.34		3.17	147.43	19.66	16.86	7.18	6.82	2.31
U 100	U 100*4	100	50	4	5.78	St.37 St.52 St.44	7.47	113.18	22.64	18.15	12.66	3.89	1.56
	U 100*3.5			3.5	5.11		6.58	100.76	20.15	16.14	11.41	3.91	1.57
	U 100*3			3	4.43		5.68	87.88	17.58	14.05	10.08	3.93	1.57
	U 100*2.5			2.5	3.73		4.76	74.50	14.90	11.89	8.66	3.96	1.58
	U 100*2			2	3.01		3.68	60.63	12.13	9.41	6.69	4.06	1.60
	U 100*1.5			1.5	2.28		2.51	46.05	9.21	6.66	4.36	4.29	1.63

Material : Galvanized / Black iron
Prepainted steel Grade 350 Mpa

For effective cross section properties.

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