



## Technical data of sections UC

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Designation	G kg/m	Dimensions						I cm <sup>2</sup>	Section properties							
		H mm	B mm	Tw mm	Tf mm	R mm	Strong axis				Weak axis					
							ly cm <sup>4</sup>		Wely cm <sup>3</sup>	Wply cm <sup>3</sup>	Iy cm	Iz cm <sup>4</sup>	Welz cm <sup>3</sup>	Wplz cm <sup>3</sup>	Iz cm	
UC 152 x 152 x 23	23.0	152.4	152	5.8	6.8	8	29.25	1,250	164.04	181.98	6.54	399.92	52.55	80.16	3.70	
UC 152 x 152 x 30	30.0	157.6	153	6.5	9.4	8	38.26	1,748	221.83	247.66	6.76	560.46	73.31	111.59	3.83	
UC 152 x 152 x 37	37.0	161.8	154	8.0	11.5	8	47.11	2,211	273.30	308.76	6.85	706.25	91.48	139.58	3.87	
UC 203 x 203 x 46	46.1	203.2	204	7.2	11.0	10	58.73	4,568	449.61	497.44	8.82	1,548.21	152.08	230.87	5.13	
UC 203 x 203 x 52	52.0	206.2	204	7.9	12.5	10	66.28	5,259	510.09	567.39	8.91	1,777.62	174.02	264.25	5.18	
UC 203 x 203 x 60	60.0	209.6	206	9.4	14.2	10	76.37	6,125	584.45	656.07	8.96	2,064.60	200.64	305.34	5.20	
UC 203 x 203 x 71	71.0	215.8	206	10.0	17.3	10	90.43	7,618	706.02	798.76	9.18	2,537.29	245.86	373.68	5.30	
UC 203 x 203 x 86	86.1	222.2	209	12.7	20.5	10	109.64	9,449	850.50	976.73	9.28	3,127.46	299.14	456.24	5.34	
UC 254 x 254 x 73	73.1	254.1	255	8.6	14.2	13	93.10	11,407	897.84	992.07	11.07	3,907.80	306.98	465.39	6.48	
UC 254 x 254 x 89	88.9	260.3	256	10.3	17.3	13	113.31	14,268	1,096.27	1,223.86	11.22	4,857.48	379.05	575.31	6.55	
UC 254 x 254 x 107	107.1	266.7	259	12.8	20.5	13	136.38	17,510	1,313.09	1,484.43	11.33	5,927.57	458.08	697.04	6.59	
UC 254 x 254 x 132	132.0	276.3	261	15.3	25.3	13	168.14	22,529	1,630.76	1,869.41	11.58	7,531.28	576.45	878.37	6.69	
UC 254 x 254 x 167	167.1	289.1	265	19.2	31.7	13	212.86	29,998	2,075.27	2,423.67	11.87	9,869.90	744.34	1,137.27	6.81	
UC 305 x 305 x 97	96.9	307.9	305	9.9	15.4	15	123.45	22,249	1,445.21	1,592.08	13.42	7,307.60	478.72	726.15	7.69	
UC 305 x 305 x 118	117.9	314.5	307	12.0	18.7	15	150.20	27,672	1,759.75	1,957.54	13.57	9,059.10	589.40	895.37	7.77	
UC 305 x 305 x 137	136.9	320.5	309	13.8	21.7	15	174.42	32,814	2,047.68	2,296.56	13.72	10,699.55	692.08	1,052.55	7.83	
UC 305 x 305 x 158	158.1	327.1	311	15.8	25.0	15	201.37	38,747	2,369.12	2,680.45	13.87	12,569.43	807.80	1,230.10	7.90	
UC 305 x 305 x 198	198.1	339.9	315	19.1	31.4	15	252.42	50,904	2,995.23	3,439.99	14.20	16,299.05	1,036.51	1,580.73	8.04	
UC 305 x 305 x 240	240.0	352.5	318	23.0	37.7	15	305.79	64,203	3,642.72	4,247.08	14.49	20,314.59	1,276.04	1,950.59	8.15	
UC 305 x 305 x 283	282.9	365.3	322	26.8	44.1	15	360.43	78,872	4,318.20	5,105.20	14.79	24,634.85	1,529.17	2,342.16	8.27	
UC 356 x 368 x 129	129.0	355.6	369	10.4	17.5	15	164.34	40,246	2,263.55	2,479.28	15.65	14,611.36	792.80	1,199.20	9.43	

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							ly cm <sup>4</sup>		Wely cm <sup>3</sup>	Wply cm <sup>3</sup>	Iy cm	Iz cm <sup>4</sup>	Welz cm <sup>3</sup>	Wplz cm <sup>3</sup>	Iz cm	
UC 356 x 368 x 153	152.9	362.0	371	12.3	20.7	15	194.80	48,589	2,684.48	2,964.74	15.79	17,553.17	947.54	1,434.77	9.49	
UC 356 x 368 x 177	177.0	368.2	373	14.4	23.8	15	225.51	57,118	3,102.55	3,455.25	15.91	20,529.28	1,101.95	1,670.81	9.54	
UC 356 x 368 x 202	201.9	374.6	375	16.5	27.0	15	257.22	66,261	3,537.69	3,971.75	16.05	23,688.41	1,264.39	1,919.53	9.60	
UC 356 x 406 x 235	235.1	381.0	395	18.4	30.2	15	299.43	79,085	4,151.44	4,686.51	16.25	30,993.23	1,570.07	2,383.23	10.17	
UC 356 x 406 x 287	287.1	393.6	399	22.6	36.5	15	365.71	99,875	5,074.95	5,812.49	16.53	38,677.35	1,938.71	2,949.27	10.28	
UC 356 x 406 x 340	339.9	406.4	403	26.6	42.9	15	433.04	122,543	6,030.66	6,999.09	16.82	46,853.32	2,325.23	3,543.70	10.40	
UC 356 x 406 x 393	393.0	419.0	407	30.6	49.2	15	500.58	146,618	6,998.47	8,222.45	17.11	55,367.34	2,720.75	4,153.73	10.52	
UC 356 x 406 x 467	467.0	436.6	412	35.8	58.0	15	594.91	183,003	8,383.10	10,002.47	17.54	67,833.62	3,291.30	5,034.31	10.68	
UC 356 x 406 x 551	551.0	455.6	419	42.1	67.5	15	701.93	226,938	9,962.16	12,076.27	17.98	82,670.53	3,950.80	6,057.96	10.85	
UC 356 x 406 x 634	633.9	474.6	424	47.6	77.0	15	807.55	274,845	11,582.17	14,235.11	18.45	98,125.09	4,628.54	7,108.37	11.02	

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