



Technical data of sections UB

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Designation	G kg/m	Dimensions						Section properties							
		H mm	B mm	Tw mm	Tf mm	R mm	I cm ²	Strong axis				Weak axis			
								ly cm ⁴	Wely cm ³	Wply cm ³	ly cm	Iz cm ⁴	Welz cm ³	Wplz cm ³	Iz cm
UB 152 x 89 x 16	16.0	152.4	89	4.5	7.7	8	20.32	834	109.49	123.25	6.41	89.75	20.24	31.18	2.10
UB 178 x 102 x 19	19.0	177.8	101	4.8	7.9	8	24.26	1,356	152.53	171.25	7.48	136.71	27.02	41.59	2.37
UB 203 x 102 x 23	23.1	203.2	102	5.4	9.3	8	29.40	2,105	207.19	234.07	8.46	163.87	32.19	49.75	2.36
UB 203 x 133 x 25	25.1	203.2	133	5.7	7.8	8	31.97	2,340	230.31	257.73	8.56	307.63	46.19	70.94	3.10
UB 203 x 133 x 30	30.0	206.8	134	6.4	9.6	8	38.21	2,896	280.08	314.36	8.71	384.66	57.45	88.22	3.17
UB 254 x 102 x 22	22.0	254.0	102	5.7	6.8	8	28.02	2,841	223.70	259.01	10.07	119.35	23.49	37.28	2.06
UB 254 x 102 x 25	25.2	257.2	102	6.0	8.4	8	32.04	3,415	265.55	305.52	10.32	148.69	29.18	46.01	2.15
UB 254 x 102 x 28	28.3	260.4	102	6.3	10.0	8	36.08	4,005	307.60	352.80	10.54	178.54	34.94	54.85	2.22
UB 254 x 146 x 31	31.1	251.4	146	6.0	8.6	8	39.68	4,413	351.07	393.06	10.55	447.53	61.26	94.13	3.36
UB 254 x 146 x 37	37.0	256.0	146	6.3	10.9	8	47.17	5,537	432.58	483.23	10.83	570.65	77.96	119.37	3.48
UB 254 x 146 x 43	43.0	259.6	147	7.2	12.7	8	54.77	6,544	504.16	566.33	10.93	677.37	91.97	141.08	3.52
UB 305 x 102 x 25	24.8	305.1	102	5.8	7.0	8	31.60	4,455	292.04	342.01	11.87	122.95	24.20	38.81	1.97
UB 305 x 102 x 28	28.2	308.7	102	6.0	8.8	8	35.88	5,366	347.65	402.90	12.23	155.37	30.52	48.45	2.08
UB 305 x 102 x 33	32.8	312.7	102	6.6	10.8	8	41.83	6,501	415.80	480.83	12.47	194.11	37.91	60.04	2.15
UB 305 x 165 x 40	40.3	303.4	165	6.0	10.2	9	51.32	8,503	560.51	623.07	12.87	764.36	92.65	141.73	3.86
UB 305 x 165 x 46	46.1	306.6	166	6.7	11.8	9	58.75	9,899	645.73	720.05	12.98	895.67	108.11	165.53	3.90
UB 305 x 165 x 54	54.0	310.4	167	7.9	13.7	9	68.77	11,696	753.61	846.07	13.04	1,062.97	127.38	195.63	3.93
UB 356 x 127 x 33	33.1	349.0	125	6.0	8.5	10	42.13	8,250	472.78	542.90	13.99	280.24	44.70	70.29	2.58
UB 356 x 127 x 39	39.1	353.4	126	6.6	10.7	10	49.77	10,172	575.66	658.52	14.30	357.84	56.80	89.05	2.68
UB 356 x 171 x 45	45.0	351.4	171	7.0	9.7	10	57.33	12,066	686.74	774.63	14.51	811.07	94.81	146.57	3.76

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								Iy cm ⁴	Wely cm ³	Wply cm ³	Iy cm	Iz cm ⁴	Welz cm ³	Wplz cm ³	Iz cm
UB 356 x 171 x 51	51.0	355.0	172	7.4	11.5	10	64.91	14,136	796.39	896.01	14.76	968.28	112.92	174.20	3.86
UB 356 x 171 x 57	57.0	358.0	172	8.1	13.0	10	72.56	16,038	895.98	1,010.14	14.87	1,108.21	128.71	198.75	3.91
UB 356 x 171 x 67	67.1	363.4	173	9.1	15.7	10	85.49	19,463	1,071.16	1,210.86	15.09	1,362.08	157.28	242.97	3.99
UB 406 x 140 x 39	39.0	398.0	142	6.4	8.6	10	49.65	12,508	628.54	723.68	15.87	409.81	57.80	90.85	2.87
UB 406 x 140 x 46	46.0	403.2	142	6.8	11.2	10	58.64	15,685	778.03	887.63	16.35	538.06	75.68	118.15	3.03
UB 406 x 178 x 54	54.1	402.6	178	7.7	10.9	10	68.95	18,722	930.05	1,054.64	16.48	1,021.20	114.94	178.29	3.85
UB 406 x 178 x 60	60.1	406.4	178	7.9	12.8	10	76.52	21,596	1,062.80	1,199.47	16.80	1,203.07	135.25	209.05	3.97
UB 406 x 178 x 67	67.1	409.4	179	8.8	14.3	10	85.54	24,331	1,188.62	1,346.03	16.87	1,364.94	152.68	236.55	3.99
UB 406 x 178 x 74	74.2	412.8	180	9.5	16.0	10	94.51	27,310	1,323.16	1,500.81	17.00	1,545.47	172.20	266.98	4.04
UB 457 x 152 x 52	52.3	449.8	152	7.6	10.9	10	66.64	21,369	950.16	1,096.05	17.91	644.96	84.64	133.30	3.11
UB 457 x 152 x 60	59.8	454.6	153	8.1	13.3	10	76.23	25,500	1,121.87	1,287.27	18.29	794.65	103.94	163.05	3.23
UB 457 x 152 x 67	67.2	458.0	154	9.0	15.0	10	85.55	28,927	1,263.19	1,453.08	18.39	912.56	118.67	186.68	3.27
UB 457 x 152 x 74	74.2	462.0	154	9.6	17.0	10	94.48	32,674	1,414.46	1,626.59	18.60	1,046.53	135.56	213.13	3.33
UB 457 x 152 x 82	82.1	465.8	155	10.5	18.9	10	104.54	36,589	1,571.02	1,811.50	18.71	1,184.51	152.54	240.39	3.37
UB 457 x 191 x 67	67.1	453.4	190	8.5	12.7	10	85.51	29,380	1,295.99	1,471.03	18.54	1,452.14	152.94	237.31	4.12
UB 457 x 191 x 74	74.3	457.0	190	9.0	14.5	10	94.63	33,319	1,458.16	1,652.73	18.76	1,671.13	175.54	272.10	4.20
UB 457 x 191 x 82	82.0	460.0	191	9.9	16.0	10	104.48	37,051	1,610.91	1,831.29	18.83	1,870.83	195.59	303.90	4.23
UB 457 x 191 x 89	89.3	463.4	192	10.5	17.7	10	113.77	41,015	1,770.18	2,013.65	18.99	2,089.39	217.76	338.38	4.29
UB 457 x 191 x 98	98.3	467.2	193	11.4	19.6	10	125.26	45,727	1,957.49	2,232.41	19.11	2,347.02	243.47	378.90	4.33
UB 533 x 210 x 82	82.2	528.3	209	9.6	13.2	13	104.69	47,539	1,799.70	2,058.63	21.31	2,007.28	192.27	300.37	4.38
UB 533 x 210 x 92	92.1	533.1	209	10.1	15.6	13	117.38	55,227	2,071.92	2,360.10	21.69	2,389.11	228.30	355.58	4.51
UB 533 x 210 x 101	101.0	536.7	210	10.8	17.4	13	128.67	61,519	2,292.49	2,612.03	21.87	2,691.98	256.38	399.45	4.57

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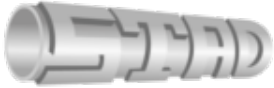
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UB 533 x 210 x 109	109.0	539.5	211	11.6	18.8	13	138.87	66,822	2,477.18	2,828.44	21.94	2,942.71	279.19	435.79	4.60	
UB 533 x 210 x 122	122.0	544.5	212	12.7	21.3	13	155.40	76,043	2,793.13	3,195.60	22.12	3,387.52	319.73	499.71	4.67	
UB 610 x 229 x 101	101.2	602.6	228	10.5	14.8	13	128.92	75,780	2,515.10	2,881.14	24.24	2,914.73	256.13	400.25	4.75	
UB 610 x 229 x 113	113.0	607.6	228	11.1	17.3	13	143.95	87,319	2,874.23	3,280.82	24.63	3,434.01	300.96	469.26	4.88	
UB 610 x 229 x 125	125.1	612.2	229	11.9	19.6	13	159.34	98,610	3,221.50	3,675.89	24.88	3,932.13	343.42	535.43	4.97	
UB 610 x 229 x 140	139.9	617.2	230	13.1	22.1	13	178.20	111,777	3,622.07	4,142.09	25.05	4,505.25	391.42	611.45	5.03	
UB 610 x 229 x 153	153.6	623.0	229	14.0	24.9	13	195.68	125,134	4,017.14	4,599.68	25.29	4,998.26	436.53	682.34	5.05	
UB 610 x 305 x 149	149.2	612.4	305	11.8	19.7	17	190.04	125,876	4,110.91	4,593.59	25.74	9,307.58	610.73	937.28	7.00	
UB 610 x 305 x 179	179.0	620.2	307	14.1	23.6	17	228.08	153,024	4,934.67	5,547.37	25.90	11,408.31	742.97	1,143.85	7.07	
UB 610 x 305 x 238	238.1	635.8	311	18.4	31.4	17	303.33	209,471	6,589.21	7,486.23	26.28	15,836.66	1,017.13	1,573.94	7.23	
UB 686 x 254 x 125	125.2	677.9	253	11.7	16.2	15	159.48	117,992	3,481.10	3,994.17	27.20	4,382.93	346.48	542.40	5.24	
UB 686 x 254 x 140	140.1	683.5	254	12.4	19.0	15	178.43	136,267	3,987.33	4,558.13	27.64	5,183.12	408.60	638.17	5.39	
UB 686 x 254 x 152	152.4	687.5	255	13.2	21.0	15	194.08	150,355	4,373.96	5,000.48	27.83	5,783.93	454.53	710.19	5.46	
UB 686 x 254 x 170	170.2	692.9	256	14.5	23.7	15	216.83	170,326	4,916.32	5,630.79	28.03	6,630.29	518.40	811.43	5.53	
UB 762 x 267 x 134	133.8	750.0	264	12.0	15.5	17	170.46	150,525	4,014.00	4,639.65	29.72	4,766.04	361.06	568.29	5.29	
UB 762 x 267 x 147	146.9	754.0	265	12.8	17.5	17	187.19	168,502	4,469.55	5,155.56	30.00	5,455.27	411.41	647.21	5.40	
UB 762 x 267 x 173	173.0	762.2	267	14.3	21.6	17	220.37	205,282	5,386.57	6,197.71	30.52	6,849.72	513.66	807.48	5.58	
UB 762 x 267 x 197	196.8	769.8	268	15.6	25.4	17	250.65	239,957	6,234.27	7,166.62	30.94	8,174.73	610.05	958.60	5.71	
UB 838 x 292 x 176	175.9	834.9	292	14.0	18.8	18	224.02	246,021	5,893.42	6,807.76	33.14	7,798.88	534.72	841.89	5.90	
UB 838 x 292 x 194	193.8	840.7	292	14.7	21.7	18	246.83	279,175	6,641.49	7,640.16	33.63	9,066.40	620.14	973.81	6.06	
UB 838 x 292 x 226	226.5	850.9	294	16.1	26.8	18	288.56	339,704	7,984.58	9,154.86	34.31	11,359.59	773.29	1,211.61	6.27	

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UB 914 x 305 x 201	200.9	903.0	303	15.1	20.2	19	255.92	325,254	7,203.85	8,351.30	35.65	9,422.81	621.35	981.98	6.07
UB 914 x 305 x 224	224.2	910.4	304	15.9	23.9	19	285.65	376,414	8,269.20	9,534.57	36.30	11,235.98	738.97	1,163.45	6.27
UB 914 x 305 x 253	253.4	918.4	306	17.3	27.9	19	322.83	436,305	9,501.42	10,942.06	36.76	13,301.11	870.78	1,370.55	6.42
UB 914 x 305 x 289	289.1	926.6	308	19.5	32.0	19	368.27	504,187	10,882.52	12,569.76	37.00	15,597.36	1,013.80	1,601.26	6.51
UB 914 x 419 x 343	343.3	911.8	419	19.4	32.0	24	437.30	625,780	13,726.26	15,477.05	37.83	39,155.69	1,871.24	2,889.57	9.46
UB 914 x 419 x 388	388.0	921.0	421	21.4	36.6	24	494.22	719,635	15,627.25	17,665.33	38.16	45,438.43	2,161.16	3,340.90	9.59
UB 1016 x 305 x 222	221.5	970.0	300	16.0	21.0	30	282.21	406,451	8,380.43	9,776.89	37.95	9,500.81	633.39	1,015.76	5.80
UB 1016 x 305 x 249	248.7	980.0	300	16.5	26.0	30	316.85	481,079	9,817.94	11,347.04	38.97	11,754.44	783.63	1,244.73	6.09
UB 1016 x 305 x 272	272.3	990.0	300	16.5	31.0	30	346.85	553,846	11,188.81	12,824.54	39.96	14,004.44	933.63	1,469.73	6.35
UB 1016 x 305 x 314	314.3	1,000.0	300	19.1	35.9	30	400.42	644,211	12,884.22	14,850.82	40.11	16,231.74	1,082.12	1,712.72	6.37
UB 1016 x 305 x 349	349.4	1,008.0	302	21.1	40.0	30	445.14	722,965	14,344.54	16,589.64	40.30	18,460.48	1,222.55	1,940.71	6.44
UB 1016 x 305 x 393	392.7	1,016.0	303	24.4	43.9	30	500.24	807,688	15,899.37	18,539.60	40.18	20,496.00	1,352.87	2,167.98	6.40
UB 1016 x 305 x 415	415.0	1,020.0	304	26.0	46.0	30	528.69	853,121	16,727.86	19,571.57	40.17	21,707.43	1,428.12	2,297.64	6.41
UB 1016 x 305 x 438	437.4	1,026.0	305	27.0	49.0	30	557.19	909,843	17,735.73	20,767.71	40.41	23,357.16	1,531.62	2,463.86	6.47
UB 1016 x 305 x 487	487.0	1,036.0	309	30.0	54.1	30	620.41	1,022,494	19,739.27	23,223.80	40.60	26,850.01	1,737.86	2,808.30	6.58
UB 1016 x 305 x 494	493.9	1,036.0	309	31.0	54.0	30	629.13	1,027,959	19,844.77	23,413.29	40.42	26,824.17	1,736.19	2,818.11	6.53
UB 1016 x 305 x 584	583.8	1,056.0	314	36.0	64.0	30	743.73	1,246,071	23,599.83	28,039.35	40.93	33,433.47	2,129.52	3,474.85	6.70

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