



## Technical data of sections HL

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## European extra wide flange beams

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Designation	G kg/m	Dimensions						Section properties							
		H mm	B mm	Tw mm	Tf mm	R mm	I cm <sup>2</sup>	Strong axis			Weak axis				
								ly cm <sup>4</sup>	Wely cm <sup>3</sup>	Wply cm <sup>3</sup>	ly cm	Iz cm <sup>4</sup>	Welz cm <sup>3</sup>	Wplz cm <sup>3</sup>	Iz cm
HL 920 x 342	342.4	912.0	418	19.3	32.0	24	436.13	624,890	13,703.73	15,447.64	37.85	39,014.75	1,866.73	2,881.98	9.46
HL 920 x 365	364.6	916.0	419	20.3	34.3	24	464.40	670,499	14,639.72	16,522.76	38.00	42,123.80	2,010.68	3,105.85	9.52
HL 920 x 387	387.0	921.0	420	21.3	36.6	24	492.97	718,339	15,599.11	17,629.46	38.17	45,275.63	2,155.98	3,332.20	9.58
HL 920 x 417	418.1	928.0	422	22.5	39.9	24	532.55	787,553	16,973.13	19,207.66	38.46	50,070.87	2,373.03	3,668.35	9.70
HL 920 x 446	447.1	933.0	423	24.0	42.7	24	569.61	846,826	18,152.75	20,598.23	38.56	53,977.44	2,552.12	3,950.78	9.73
HL 920 x 488	487.7	942.0	422	25.9	47.0	24	621.26	935,388	19,859.62	22,614.72	38.80	59,008.99	2,796.63	4,336.25	9.75
HL 920 x 534	533.9	950.0	425	28.4	51.1	24	680.07	1,031,235	21,710.21	24,832.13	38.94	65,560.48	3,085.20	4,795.60	9.82
HL 920 x 585	585.0	960.0	427	31.0	55.9	24	745.27	1,143,091	23,814.40	27,363.06	39.16	72,767.52	3,408.31	5,310.20	9.88
HL 920 x 653	653.1	972.0	431	34.5	62.0	24	831.95	1,292,120	26,586.83	30,726.38	39.41	83,048.22	3,853.75	6,022.11	9.99
HL 920 x 784	783.2	996.0	437	40.9	73.9	24	997.75	1,592,539	31,978.69	37,342.02	39.95	103,304.38	4,727.89	7,423.80	10.18
HL 920 x 967	966.3	1,028.0	446	50.0	89.9	24	1,230.95	2,032,596	39,544.67	46,813.67	40.64	133,857.06	6,002.56	9,486.42	10.43
HL 1000 x 296	295.8	982.0	400	16.5	27.0	30	376.85	618,670	12,600.20	14,219.84	40.52	28,854.44	1,442.72	2,234.73	8.75
HL 1000 A	320.9	990.0	400	16.5	31.0	30	408.85	696,446	14,069.62	15,797.44	41.27	33,121.11	1,656.06	2,554.73	9.00
HL 1000 B	370.6	1,000.0	400	19.0	36.0	30	472.05	812,099	16,241.98	18,325.68	41.48	38,475.76	1,923.79	2,976.28	9.03
HL 1000 M	411.5	1,008.0	402	21.0	40.0	30	524.21	909,811	18,051.81	20,440.11	41.66	43,406.78	2,159.54	3,347.70	9.10
HL 1000 x 443	442.5	1,012.0	402	23.6	41.9	30	563.66	966,512	19,101.03	21,776.88	41.41	45,497.64	2,263.56	3,529.16	8.98
HL 1000 x 477	477.3	1,018.0	404	25.5	45.0	30	607.97	1,047,174	20,573.16	23,532.65	41.50	49,614.34	2,456.16	3,838.26	9.03
HL 1000 x 483	482.9	1,020.0	404	25.4	46.0	30	615.12	1,067,483	20,931.04	23,922.79	41.66	50,711.68	2,510.48	3,918.65	9.08
HL 1000 x 539	539.4	1,030.0	407	28.4	51.1	30	687.18	1,202,538	23,350.25	26,824.02	41.83	57,631.93	2,832.04	4,435.58	9.16
HL 1000 x 554	554.1	1,032.0	408	29.5	52.0	30	705.81	1,232,372	23,883.18	27,496.37	41.79	59,098.19	2,896.97	4,546.55	9.15
HL 1000 x 591	590.9	1,040.0	409	31.0	55.9	30	752.73	1,331,036	25,596.85	29,530.17	42.05	64,013.65	3,130.25	4,915.67	9.22
HL 1000 x 642	641.9	1,048.0	412	34.0	60.0	30	817.65	1,450,590	27,683.02	32,096.88	42.12	70,284.31	3,411.86	5,378.84	9.27
HL 1000 x 748	748.5	1,068.0	417	39.0	70.0	30	953.45	1,731,943	32,433.39	37,881.62	42.62	85,111.21	4,082.07	6,459.25	9.45

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HL 1000 x 825	824.6	1,082.0	421	42.5	77.0	30	1,050.47	1,939,503	35,850.33	42,082.62	42.97	96,416.81	4,580.37	7,264.44	9.58
HL 1000 x 883	883.4	1,092.0	424	45.5	82.0	30	1,125.33	2,096,418	38,395.93	45,265.11	43.16	104,972.10	4,951.51	7,873.89	9.66
HL 1100 A	342.6	1,090.0	400	18.0	31.0	20	436.48	867,388	15,915.38	18,062.16	44.58	33,123.34	1,656.17	2,567.90	8.71
HL 1100 B	390.2	1,100.0	400	20.0	36.0	20	497.04	1,005,397	18,279.95	20,780.56	44.98	38,476.20	1,923.81	2,987.77	8.80
HL 1100 M	432.7	1,108.0	402	22.0	40.0	20	551.20	1,125,574	20,317.22	23,160.79	45.19	43,409.79	2,159.69	3,361.78	8.87
HL 1100 R	498.6	1,118.0	405	26.0	45.0	20	635.22	1,294,060	23,149.55	26,599.56	45.14	49,984.12	2,468.35	3,870.30	8.87
HL 1100 x 548	551.5	1,128.0	407	28.0	50.0	30	702.57	1,456,640	25,826.95	29,726.89	45.53	56,406.22	2,771.80	4,358.72	8.96
HL 1100 x 607	610.3	1,138.0	410	31.0	55.0	30	777.41	1,624,100	28,543.06	33,003.83	45.71	63,473.31	3,096.26	4,886.90	9.04

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