



## Technical data of sections HD

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## European wide flange columns

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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	
HD 260 x 54.1	54.1	244.0	260	6.5	9.5	24	68.97	7,981	654.18	714.47	10.76	2,788.05	214.47	327.74	6.36	
HD 260 x 68.2	68.2	250.0	260	7.5	12.5	24	86.82	10,455	836.40	919.79	10.97	3,667.56	282.12	430.18	6.50	
HD 260 x 93	93.0	260.0	260	10.0	17.5	24	118.45	14,919	1,147.62	1,282.93	11.22	5,134.51	394.96	602.26	6.58	
HD 260 x 114	114.4	268.0	262	12.5	21.5	24	145.73	18,912	1,411.34	1,599.73	11.39	6,455.85	492.81	752.46	6.66	
HD 260 x 142	141.5	278.0	265	15.5	26.5	24	180.27	24,332	1,750.50	2,015.32	11.62	8,235.73	621.56	950.49	6.76	
HD 260 x 172	172.4	290.0	268	18.0	32.5	24	219.65	31,307	2,159.10	2,523.63	11.94	10,448.58	779.74	1,192.47	6.90	
HD 320 x 74.2	74.2	301.0	300	8.0	11.0	27	94.58	16,447	1,092.82	1,196.23	13.19	4,959.08	330.61	505.75	7.24	
HD 320 x 97.6	97.6	310.0	300	9.0	15.5	27	124.37	22,929	1,479.29	1,628.12	13.58	6,985.23	465.68	709.75	7.49	
HD 320 x 127	126.7	320.0	300	11.5	20.5	27	161.35	30,824	1,926.50	2,149.27	13.82	9,238.82	615.92	939.11	7.57	
HD 320 x 158	158.0	330.0	303	14.5	25.5	27	201.25	39,644	2,402.67	2,718.45	14.04	11,842.43	781.68	1,193.55	7.67	
HD 320 x 198	198.1	343.0	306	18.0	32.0	27	252.32	51,896	3,026.01	3,479.15	14.34	15,310.69	1,000.70	1,530.19	7.79	
HD 320 x 245	245.0	359.0	309	21.0	40.0	27	312.05	68,135	3,795.82	4,435.06	14.78	19,709.32	1,275.68	1,950.74	7.95	
HD 320 x 300	299.9	375.0	313	27.0	48.0	27	382.07	86,905	4,634.93	5,521.83	15.08	24,602.67	1,572.06	2,414.34	8.02	
HD 360 x 134	133.9	356.0	369	11.2	18.0	15	170.61	41,509	2,331.97	2,561.98	15.60	15,078.47	817.26	1,237.21	9.40	
HD 360 x 147	147.5	360.0	370	12.3	19.8	15	187.86	46,289	2,571.61	2,838.28	15.70	16,722.36	903.91	1,369.27	9.43	
HD 360 x 162	161.9	364.0	371	13.3	21.8	15	206.30	51,539	2,831.81	3,139.28	15.81	18,561.92	1,000.64	1,516.39	9.49	
HD 360 x 179	179.2	368.0	373	15.0	23.9	15	228.26	57,440	3,121.74	3,482.31	15.86	20,682.99	1,109.01	1,682.70	9.52	
HD 360 x 196	196.5	372.0	374	16.4	26.2	15	250.32	63,632	3,421.08	3,837.44	15.94	22,858.09	1,222.36	1,856.10	9.56	
HD 400 x 187	186.5	368.0	391	15.0	24.0	15	237.61	60,183	3,270.82	3,642.36	15.91	23,922.02	1,223.63	1,854.67	10.03	
HD 400 x 216	216.3	375.0	394	17.3	27.7	15	275.50	71,139	3,794.08	4,262.36	16.07	28,253.64	1,434.19	2,176.25	10.13	
HD 400 x 237	236.2	380.0	395	18.9	30.2	15	300.92	78,778	4,146.21	4,685.62	16.18	31,041.67	1,571.73	2,386.99	10.16	

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HD 400 x 262	262.7	387.0	398	21.1	33.3	15	334.60	89,406	4,620.47	5,259.54	16.35	35,018.83	1,759.74	2,675.78	10.23
HD 400 x 287	287.5	393.0	399	22.6	36.6	15	366.28	99,706	5,074.10	5,812.73	16.50	38,782.99	1,944.01	2,957.05	10.29
HD 400 x 314	313.3	399.0	401	24.9	39.6	15	399.15	110,232	5,525.41	6,374.02	16.62	42,603.71	2,124.87	3,236.48	10.33
HD 400 x 347	346.9	407.0	404	27.2	43.7	15	441.96	124,945	6,139.80	7,138.80	16.81	48,085.06	2,380.45	3,628.66	10.43
HD 400 x 382	382.3	416.0	406	29.8	48.0	15	487.05	141,317	6,794.09	7,964.73	17.03	53,615.89	2,641.18	4,030.64	10.49
HD 400 x 421	421.6	425.0	409	32.8	52.6	15	537.09	159,581	7,509.69	8,880.47	17.24	60,081.45	2,937.97	4,489.32	10.58
HD 400 x 463	462.8	435.0	412	35.8	57.4	15	589.54	180,162	8,283.31	9,877.70	17.48	67,035.34	3,254.14	4,978.36	10.66
HD 400 x 509	509.4	446.0	416	39.1	62.7	15	648.95	204,528	9,171.66	11,032.73	17.75	75,400.89	3,625.04	5,552.27	10.78
HD 400 x 551	550.6	455.0	418	42.0	67.6	15	701.38	226,110	9,938.90	12,050.79	17.95	82,494.74	3,947.12	6,051.41	10.85
HD 400 x 592	592.6	465.0	421	45.0	72.3	15	754.88	250,161	10,759.61	13,138.31	18.20	90,171.61	4,283.69	6,574.46	10.93
HD 400 x 634	634.3	474.0	424	47.6	77.1	15	807.97	274,171	11,568.40	14,222.10	18.42	98,250.97	4,634.48	7,116.76	11.03
HD 400 x 677	677.8	483.0	428	51.2	81.5	15	863.41	299,470	12,400.41	15,346.11	18.62	106,871.33	4,993.99	7,680.06	11.13
HD 400 x 744	744.2	498.0	432	55.6	88.9	15	948.06	342,121	13,739.80	17,166.83	19.00	119,931.82	5,552.40	8,548.92	11.25
HD 400 x 818	819.0	514.0	437	60.5	97.0	15	1,043.31	392,191	15,260.35	19,255.28	19.39	135,528.90	6,202.70	9,561.31	11.40
HD 400 x 900	902.1	531.0	442	65.9	106.0	15	1,149.19	450,204	16,956.84	21,618.78	19.79	153,339.64	6,938.45	10,707.65	11.55
HD 400 x 990	991.0	550.0	448	71.9	115.0	15	1,262.41	518,907	18,869.35	24,282.10	20.27	173,359.01	7,739.24	11,961.64	11.72
HD 400 x 1086	1,087.8	569.0	454	78.0	125.0	15	1,385.75	595,723	20,939.30	27,211.51	20.73	196,247.70	8,645.27	13,375.63	11.90

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