

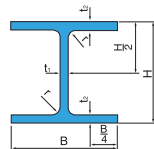
12. H형강

H-Beams

H
형
강

(KS D3503, 3515/3502, F4603)

호칭치수 Nominal Size mm	표준단면 치수 Standard Sectional Dimension mm				단면적 Sectional Area cm ²	단위무게 Unit Weight kg/m	단면2차 모멘트 Moment of Inertia cm ⁴		단면2차 반지름 Radius of Gyration cm		단면계수 Modulus of Section cm ³	
	H×B	t ₁	t ₂	r			A	W	I _x	I _y	i _x	i _y
100 × 100	100 × 100	6	8	10	21.90	17.2	383	134	4.18	2.47	76.5	26.7
125 × 125	125 × 125	6.5	9	10	30.31	23.8	847	293	5.29	3.11	136	47
150 × 75	150 × 75	5	7	8	17.85	14.0	666	49.5	6.11	1.66	88.8	13.2
150 × 100	148 × 100	6	9	11	26.84	21.1	1,020	151	6.17	2.37	138	30.1
150 × 150	150 × 150	7	10	11	40.14	31.5	1,640	563	6.39	3.75	219	75.1
200 × 100	198 × 99	4.5	7	11	23.18	18.2	1,580	114	8.26	2.21	160	23
	200 × 100	5.5	8	11	27.16	21.3	1,840	134	8.24	2.22	184	26.8
200 × 150	194 × 150	6	9	13	39.01	30.6	2,690	507	8.30	3.61	277	67.6
200 × 200	200 × 200	8	12	13	63.53	49.9	4,720	1,600	8.62	5.02	472	160
	200 × 204	12	12	13	71.53	56.2	4,980	1,700	8.35	4.88	498	167
	208 × 202	10	16	13	83.69	65.7	6,530	2,200	8.83	5.13	628	218
250 × 125	248 × 124	5	8	12	32.68	25.7	3,540	255	10.4	2.79	285	41.1
	250 × 125	6	9	12	37.66	29.6	4,050	294	10.4	2.79	324	47
250 × 175	244 × 175	7	11	16	56.24	44.1	6,120	984	10.4	4.18	502	113
250 × 250	244 × 252	11	11	16	82.06	64.4	8,790	2,940	10.3	5.98	720	233
	248 × 249	8	13	16	84.70	66.5	9,930	3,350	10.8	6.29	801	269
	250 × 250	9	14	16	92.18	72.4	10,800	3,650	10.8	6.29	867	292
	250 × 255	14	14	16	104.70	82.2	11,500	3,880	10.5	6.09	919	304
300 × 150	298 × 149	5.5	8	13	40.80	32.0	6,320	442	12.4	3.29	424	59.3
	300 × 150	6.5	9	13	46.78	36.7	7,210	508	12.4	3.29	481	67.7
300 × 200	294 × 200	8	12	18	72.38	56.8	11,300	1,600	12.5	4.71	771	160
	298 × 201	9	14	18	83.36	65.4	13,300	1,900	12.6	4.77	893	189
300 × 300	294 × 302	12	12	18	107.70	84.5	16,900	5,520	12.5	7.16	1,150	365
	298 × 299	9	14	18	110.80	87.0	18,800	6,240	13.0	7.50	1,270	417
	300 × 300	10	15	18	119.80	94.0	20,400	6,750	13.1	7.51	1,360	450
	300 × 305	15	15	18	134.80	106.0	21,500	7,100	12.6	7.26	1,440	466
	304 × 301	11	17	18	134.80	106.0	23,400	7,730	13.2	7.57	1,540	514
	310 × 305	15	20	18	165.30	130.0	28,150	9,460	13.2	7.60	1,810	620
350 × 175	310 × 310	20	20	18	180.80	142.0	29,390	9,940	12.8	7.50	1,890	642
	346 × 174	6	9	14	52.68	41.4	11,100	792	14.5	3.88	641	91
	350 × 175	7	11	14	63.14	49.6	13,600	984	14.7	3.95	775	112
350 × 250	354 × 176	8	13	14	73.68	57.8	16,100	1,180	14.8	4.01	909	134
	336 × 249	8	12	20	88.15	69.2	18,500	3,090	14.5	5.92	1,100	248
350 × 350	340 × 250	9	14	20	101.50	79.7	21,700	3,650	14.6	6.00	1,280	292
	344 × 348	10	16	20	146.00	115.0	33,300	11,200	15.1	8.78	1,940	646
	344 × 354	16	16	20	166.60	131.0	35,300	11,800	14.6	8.43	2,050	669
	350 × 350	12	19	20	173.90	137.0	40,300	13,600	15.2	8.84	2,300	776
350 × 350	350 × 357	19	19	20	191.40	156.0	42,800	14,400	14.7	8.53	2,450	809



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	H×B	t ₁	t ₂	r			A	W	I _x	I _y	i _x	i _y
400 × 200	396 × 199	7	11	16	72.16	56.6	20,000	1,450	16.7	4.48	1,010	145
	400 × 200	8	13	16	84.12	66.0	23,700	1,740	16.8	4.54	1,190	174
	404 × 201	9	15	16	96.16	75.5	27,500	2,030	16.9	4.60	1,360	202
400 × 300	386 × 299	9	14	22	120.1	94.3	33,700	6,240	16.7	7.81	1,740	418
	390 × 300	10	16	22	136.0	107	38,700	7,210	16.9	7.28	1,980	481
400 × 400	388 × 402	15	15	22	178.5	140	49,000	16,300	16.6	9.54	2,520	809
	394 × 398	11	18	22	186.8	147	56,100	18,900	17.3	10.10	2,850	951
	394 × 405	18	18	22	214.4	168	59,700	20,000	16.7	9.65	3,030	985
	400 × 400	13	21	22	218.7	172	66,600	22,400	17.5	10.10	3,330	1,120
	400 × 408	21	21	22	250.7	197	70,900	23,800	16.8	9.75	3,540	1,170
	406 × 403	16	24	22	254.9	200	78,000	26,200	17.5	10.10	3,840	1,300
	414 × 405	18	28	22	295.4	232	92,800	31,000	17.7	10.20	4,480	1,530
	428 × 407	20	35	22	360.7	283	119,000	39,400	18.2	10.40	5,570	1,930
	458 × 417	30	50	22	528.6	415	187,000	60,500	18.8	10.70	8,170	2,900
450 × 200	446 × 199	8	12	18	84.3	66.2	28,700	1,580	18.5	4.33	1,290	159
	450 × 200	9	14	18	96.76	76	33,500	1,870	18.6	4.40	1,490	187
450 × 300	434 × 299	10	15	24	135.0	106	46,800	6,690	18.6	7.04	2,160	448
	440 × 300	11	18	24	157.4	124	56,100	8,110	18.9	7.18	2,550	541
500 × 200	496 × 199	9	14	20	101.3	79.5	41,900	1,840	20.3	4.27	1,690	185
	500 × 200	10	16	20	114.2	89.6	47,800	2,140	20.5	4.33	1,910	214
	506 × 201	11	19	20	131.3	103	56,500	2,580	20.7	4.43	2,230	257
500 × 300	482 × 300	11	15	26	145.5	114	60,400	6,760	20.4	6.82	2,500	451
	488 × 300	11	18	26	163.5	128	71,000	8,110	20.8	7.04	2,910	541
600 × 200	596 × 199	10	15	22	120.5	94.6	68,700	1,980	23.9	4.05	2,310	199
	600 × 200	11	17	22	134.4	106	77,600	2,280	24.0	4.12	2,590	228
	606 × 201	12	20	22	152.5	120	90,400	2,720	24.3	4.22	2,980	271
	612 × 202	13	23	22	170.7	134	103,000	3,180	24.6	4.31	3,380	314
600 × 300	582 × 300	12	17	28	174.5	137	103,000	7,670	24.3	6.63	3,530	511
	588 × 300	12	20	28	192.5	151	118,000	9,020	24.8	6.85	4,020	601
	594 × 302	14	23	28	222.4	175	137,000	10,600	24.9	6.90	4,620	701
700 × 300	692 × 300	13	20	28	211.5	166	172,000	9,020	28.6	6.53	4,980	602
	700 × 300	13	24	28	235.5	185	201,000	10,800	29.3	6.78	5,760	722
	708 × 302	15	28	28	273.6	215	237,000	12,900	29.4	6.86	6,700	853
800 × 300	792 × 300	14	22	28	243.4	191	254,000	9,930	32.3	6.39	6,410	662
	800 × 300	14	26	28	267.4	210	292,000	11,700	33.0	6.62	7,290	782
	808 × 302	16	30	28	307.6	241	339,000	13,800	33.2	6.70	8,400	915
900 × 300	890 × 299	15	23	28	270.9	213	345,000	10,300	35.7	6.16	7,760	688
	900 × 300	16	28	28	309.8	243	411,000	12,600	36.4	6.39	9,140	843
	912 × 302	18	34	28	364.0	286	498,000	15,700	37.0	6.56	10,900	1,040

생산가능 사이즈