

H形鋼／鋼製枕木

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呼称寸法 (高さ×辺)	標準断面寸法 (mm)				断面積 (cm ²)	単位質量 (kg/m)	断面二次モーメント (cm ⁴)		断面二次半径 (cm)		断面係数 (cm ³)		曲げ応力度のための 断面性能 (cm)		幅厚比		幅厚比種別				塑性断面係数 (cm ³)	
	H×B	t ₁	t ₂	r			I _x	I _y	i _x	i _y	Z _x	Z _y	i _b	η	フランジ	ウェブ	はり		柱		Z _{px}	Z _{py}
	SN400	SN490	SN400	SN490			Z _{px}	Z _{py}	Z _{px}	Z _{py}	Z _{px}	Z _{py}	Z _{px}	Z _{py}	Z _{px}	Z _{py}	Z _{px}	Z _{py}	Z _{px}	Z _{py}	Z _{px}	Z _{py}
100×50	100×50	5	7	8	11.85	9.30	187	14.8	3.98	1.12	37.5	5.91	1.32	3.76	3.57	17.20	FA	FA	FA	FA	44.1	9.52
100×100	100×100	6	8	8	21.59	16.9	378	134	4.18	2.49	75.6	26.7	2.75	3.44	6.25	14.00	FA	FA	FA	FA	86.4	41.0
125×60	125×60	6	8	8	16.69	13.1	409	29.1	4.95	1.32	65.5	9.71	1.58	4.11	3.75	18.17	FA	FA	FA	FA	76.9	15.6
125×125	125×125	6.5	9	8	30.00	23.6	839	293	5.29	3.13	134	46.9	3.45	3.84	6.94	16.46	FA	FA	FA	FA	152	71.7
150×75	150×75	5	7	8	17.85	14.0	666	49.5	6.11	1.66	88.8	13.2	1.96	5.60	5.36	27.20	FA	FA	FA	FA	102	20.8
150×100	148×100	6	9	8	26.35	20.7	1,000	150	6.17	2.39	135	30.1	2.71	4.46	5.56	21.67	FA	FA	FA	FA	154	46.4
150×150	150×150	7	10	8	39.65	31.1	1,620	563	6.40	3.77	216	75.1	4.15	4.15	7.50	18.57	FA	FA	FA	FA	243	114
175×90	175×90	5	8	8	22.90	18.0	1,210	97.5	7.26	2.06	138	21.7	2.39	5.81	5.63	31.80	FA	FA	FA	FA	156	33.6
175×175	175×175	7.5	11	13	51.42	40.4	2,900	984	7.50	4.37	331	112	4.80	4.36	7.95	20.40	FA	FB	FA	FA	370	172
200×100	198×99	4.5	7	8	22.69	17.8	1,540	113	8.25	2.24	156	22.9	2.60	7.44	7.07	40.89	FA	FA	FA	FB	175	35.5
	200×100	5.5	8	8	26.67	20.9	1,810	134	8.23	2.24	181	26.7	2.63	6.57	6.25	33.45	FA	FA	FA	FA	205	41.6
200×150	194×150	6	9	8	38.11	29.9	2,630	507	8.30	3.65	271	67.6	4.09	5.87	8.33	29.33	FA	FB	FA	FB	301	103
200×200	200×200	8	12	13	63.53	49.9	4,720	1,600	8.62	5.02	472	160	5.50	4.59	8.33	22.00	FA	FB	FA	FB	525	244
	200×204	12	12	13	71.53	56.2	4,980	1,700	8.35	4.88	498	167	5.54	4.52	8.50	14.67	FA	FB	FA	FB	565	257
250×125	248×124	5	8	8	31.99	25.1	3,450	255	10.4	2.82	278	41.1	3.28	8.19	7.75	46.40	FA	FB	FC	FD	312	63.2
	250×125	6	9	8	36.97	29.0	3,960	294	10.4	2.82	317	47.0	3.30	7.33	6.94	38.67	FA	FA	FA	FB	358	72.7
250×175	244×175	7	11	13	55.49	43.6	6,040	984	10.4	4.21	495	112	4.72	5.99	7.95	31.71	FA	FB	FA	FA	550	172
250×250	244×252	11	11	13	81.31	63.8	8,700	2,940	10.3	6.01	713	233	6.81	5.99	11.45	20.18	FC	FC	FB	FC	797	357
	250×250	9	14	13	91.43	71.8	10,700	3,650	10.8	6.32	860	292	6.91	4.93	8.93	24.67	FA	FB	FA	FB	953	443
	250×255	14	14	13	103.9	81.6	11,400	3,880	10.5	6.11	912	304	6.93	4.86	9.11	15.86	FB	FB	FA	FB	1,030	467
300×150	298×149	5.5	8	13	40.80	32.0	6,320	442	12.4	3.29	424	59.3	3.85	9.62	9.31	51.27	FB	FB	FD	FD	475	91.8
	300×150	6.5	9	13	46.78	36.7	7,210	508	12.4	3.29	481	67.7	3.87	8.61	8.33	43.38	FA	FB	FB	FD	542	105
300×200	294×200	8	12	13	71.05	55.8	11,100	1,600	12.5	4.75	756	160	5.38	6.59	8.33	33.75	FA	FB	FA	FB	842	245
300×300	294×302	12	12	13	106.3	83.4	16,600	5,510	12.5	7.20	1,130	365	8.16	6.62	12.58	22.5	FC	FC	FC	FC	1,260	558
	300×300	10	15	13	118.4	93.0	20,200	6,750	13.1	7.55	1,350	450	8.28	5.52	10.00	27.00	FB	FC	FB	FB	1,480	683
	300×305	15	15	13	133.4	105	21,300	7,100	12.6	7.30	1,420	466	8.29	5.43	10.17	18.00	FB	FD	FB	FC	1,600	714
350×175	346×174	6	9	13	52.45	41.2	11,000	791	14.5	3.88	638	91.0	4.53	10.00	9.67	54.67	FB	FC	FD	FD	712	140
	350×175	7	11	13	62.91	49.4	13,500	984	14.6	3.96	771	112	4.60	8.35	7.95	46.86	FA	FB	FC	FD	864	173
350×250	340×250	9	14	13	99.53	78.1	21,200	3,650	14.6	6.05	1,250	292	6.79	6.60	8.93	34.67	FA	FB	FA	FB	1,380	445
	344×354	16	16	13	164.6	129	34,900	11,800	14.6	8.48	2,030	669	9.62	5.84	11.06	19.50	FC	FC	FB	FC	2,270	1,020
	350×350	12	19	13	171.9	135	39,800	13,600	15.2	8.89	2,280	776	9.71	5.11	9.21	26.00	FB	FB	FA	FB	2,520	1,180
350×357	350×357	19	19	13	196.4	154	42,300	14,400	14.7	8.57	2,420	808	9.74	5.03	9.39	16.42	FB	FB	FA	FB	2,730	1,240
	396×199	7	11	13	71.41	56.1	19,800	1,450	16.6	4.50	999	145	5.23	9.46	9.05	53.43	FA	FB	FD	FD	1,110	223
400×200	400×200	8	13	13	83.37	65.4	23,500	1,740	16.8	4.56	1,170	174	5.29	8.13	7.69	46.75	FA	FB	FC	FD	1,310	267
	390×300	10	16	13	133.2	105	37,900	7,200	16.9	7.35	1,940	480	8.19	6.66	9.38	35.8	FB	FB	FA	FB	2,140	730
400×400	394×405	18	18	22	214.4	168	59,700	20,000	16.7	9.65	3,030	985	10.90	5.91	11.25	19.89	FC	FC	FB	FC	3,390	1,510
	400×400	13	21	22	218.7	172	66,600	22,400	17.5	10.1	3,330	1,120	11.00	5.25	9.52	27.54	FB	FC	FB	FB	3,670	1,700
	400×408	21	21	22	250.7	197	70,900	23,800	16.8	9.75	3,540	1,170	11.10	5.16	9.71	17.05	FB	FC	FB	FB	3,990	1,790
450×200	446×199	8	12	13	82.97	65.1	28,100	1,580	18.4	4.36	1,260	159	5.16	9.65	8.29	52.75	FA	FB	FD	FD	1,420	245
	450×200	9	14	13	95.43	74.9	32,900	1,870	18.6	4.43	1,460	187	5.23	8.40	7.14	46.89	FA	FA	FC	FD	1,650	290
450×300	440×300	11	18	13	153.9	121	54,700	8,110	18.9	7.26	2,490	540	8.16	6.65	8.33	36.73	FA	FB	FA	FB	2,760	823
500×200	496×199	9	14	13	99.29	77.9	40,800	1,840	20.3	4.31	1,650	185	5.15	9.16	7.11	52.00	FA	FA	FD	FD	1,870	288
	500×200	10	16	13	112.2	88.2	46,800	2,140	20.4	4.36	1,870	214	5.20	8.13	6.25	46.80	FA	FA	FC	FD	2,130	333
	506×201	11	19	13	129.3	102	55,500	2,580	20.7	4.46	2,190	256	5.29	7.01	5.29	42.55	FA	FA	FA	FD	2,500	399
500×300	482×300	11	15	13	141.2	111	58,300	6,760	20.3	6.92	2,420	450	7.99	8.56	10.00	41.09	FB	FC	FB	FD	2,700	690
	488×300	11	18	13	159.2	125	68,900	8,110	20.8	7.14	2,820	540	8.10	7.32	8.33	41.09	FA	FB	FA	FD	3,130	825
600×200	596×199	10	15	13	117.8	92.5	66,600	1,980	23.8	4.10	2,240	199	5.03	10.05	6.63	56.60	FA	FC	FD	FD	2,580	312
	600×200	11	17	13	131.7	103	75,600	2,270	24.0	4.16	2,520	227	5.09	8.98	5.88	51.45	FA	FB	FD	FD	2,900	358
	606×201	12	20	13	149.8	118	88,300	2,720	24.3	4.26	2,910	270	5.18	7.81	5.03	47.17	FA	FA	FC	FD	3,360	426
600×300	582×300	12	17	13	169.2	133	98,900	7,660	24.2	6.73	3,400	511	7.90	9.02	8.82	45.67	FA	FB	FC	FD	3,820	786
	588×300	12	20	13	187.2	147	114,000	9,010	24.7	6.94	3,890	601	8.01	7.85	7.50	45.67	FA	FA	FC	FD	4,350	921
	594×302	14	23	13	217.1	170	134,000	10,600	24.8	6.98	4,500	700	8.09	6.92	6.57	39.14	FA	FA	FA	FC	5,060	1,080
700×300	692×300	13	20	18	207.5	163	168,000	9,020	28.5	6.59	4,870	601	7.82	9.01	7.50	50.15	FA	FA	FD	FD	5,500	930
	700×300	13	24	18	231.5	182	197,000	10,800	29.2	6.83	5,640	721	7.95	7.73	6.25	50.15	FA	FA	FD	FD	6,340	1,110
800×300	792×300	14	22	18	239.5	188	248,000	9,920	32.2	6.44	6,270	661	7.74	9.29	6.82	53.43	FA	FB	FD	FD	7,140	1,030
	800×300	14	26	18	263.5	207	286,000	11,700	33.0	6.67	7,160	781	7.87	8.08	5.77	53.43	FA	FB	FD	FD	8,100	1,210
900×300	890×299	15	23	18	266.9	210	339,000	10,300	35.6	6.20	7,610	687	7.59	9.83	6.50	56.27	FA	FC	FD	FD	8,750	1,080
	900×300	16	28	18	305.8	240	404,000	12,600	36.4	6.43	8,990	842	7.75	8.31	5.36	52.75	FA	FB	FD	FD		