

〔正方形断面〕

寸法 (mm)			t	BCP235, 325	BCP325T	BCHT385, 400	断面積 A (cm ²)	単位質量 W (kg/m)	断面二次モーメント I _x = I _y (cm ⁴)	断面係数 Z _x = Z _y (cm ³)	断面二次半径 i _x = i _y (cm)	塑性断面係数 Z _{px} = Z _{py} (cm ³)	幅厚比ランク/鋼種			
A × B													BCP235	BCP325、325T	BCHT385	BCHT400
300 x 300	12	*	*	-	130.8	103	17,500	1,160	11.6	1,380	FA	FA	-	-		
300 x 300	16	*	*	-	168.6	132	21,500	1,440	11.3	1,740	FA	FA	-	-		
300 x 300	19	*	*	*	195.0	153	24,100	1,600	11.1	1,970	FA	FA	FA	FA		
350 x 350	12	*	*	-	154.8	122	28,700	1,640	13.6	1,930	FA	FB	-	-		
350 x 350	16	*	*	-	200.6	157	35,800	2,050	13.4	2,450	FA	FA	-	-		
350 x 350	19	*	*	*	233.0	183	40,400	2,310	13.2	2,800	FA	FA	FA	FA		
350 x 350	22	*	*	*	263.7	207	44,400	2,540	13.0	3,120	FA	FA	FA	FA		
400 x 400	12	○	○	-	178.8	140	43,800	2,190	15.7	2,560	FB	FC	-	-		
400 x 400	16	○	○	-	232.6	183	55,200	2,760	15.4	3,280	FA	FA	-	-		
400 x 400	19	○	○	○	271.0	213	62,800	3,140	15.2	3,770	FA	FA	FA	FA		
400 x 400	22	○	○	○	307.7	242	69,500	3,480	15.0	4,220	FA	FA	FA	FA		
400 x 400	25	○	○	○	342.8	269	75,400	3,770	14.8	4,640	FA	FA	FA	FA		
450 x 450	12	○	○	-	202.8	159	63,500	2,820	17.7	3,290	FC	FC	-	-		
450 x 450	16	○	○	-	264.6	208	80,600	3,580	17.5	4,230	FA	FB	-	-		
450 x 450	19	○	○	○	309.0	243	92,200	4,100	17.3	4,880	FA	FA	FA	FA		
450 x 450	22	○	○	○	351.7	276	103,000	4,560	17.1	5,490	FA	FA	FA	FA		
450 x 450	25	○	○	○	392.8	308	112,000	4,980	16.9	6,050	FA	FA	FA	FA		
450 x 450	28	○	○	○	432.3	339	121,000	5,360	16.7	6,580	FA	FA	FA	FA		
450 x 450	32	*	*	○	482.3	379	130,000	5,780	16.4	7,210	FA	FA	FA	FA		
500 x 500	12	○	○	-	226.8	178	88,400	3,540	19.7	4,100	FC	FD	-	-		
500 x 500	16	○	○	-	296.6	233	113,000	4,510	19.5	5,290	FA	FB	-	-		
500 x 500	19	○	○	○	347.0	272	130,000	5,180	19.3	6,130	FA	FA	FB	FB		
500 x 500	22	○	○	○	395.7	311	145,000	5,800	19.1	6,920	FA	FA	FA	FA		
500 x 500	25	○	○	○	442.8	348	159,000	6,360	18.9	7,660	FA	FA	FA	FA		
500 x 500	28	○	○	○	488.3	383	172,000	6,870	18.8	8,360	FA	FA	FA	FA		
500 x 500	32	○	○	○	546.3	429	187,000	7,470	18.5	9,210	FA	FA	FA	FA		
500 x 500	36	*	*	○	601.4	472	200,000	7,990	18.2	9,970	FA	FA	FA	FA		
550 x 550	12	○	○	-	250.8	197	119,000	4,330	21.8	5,010	FC	FD	-	-		
550 x 550	16	○	○	-	328.6	258	153,000	5,550	21.5	6,480	FB	FC	-	-		
550 x 550	19	○	○	○	385.0	302	176,000	6,390	21.4	7,530	FA	FB	FC	FC		
550 x 550	22	○	○	○	439.7	345	197,000	7,180	21.2	8,520	FA	FA	FA	FA		
550 x 550	25	○	○	○	492.8	387	217,000	7,900	21.0	9,460	FA	FA	FA	FA		
550 x 550	28	○	○	○	544.3	427	236,000	8,570	20.8	10,300	FA	FA	FA	FA		
550 x 550	32	○	○	○	610.3	479	258,000	9,380	20.6	11,400	FA	FA	FA	FA		
550 x 550	36	○	○	○	673.4	529	277,000	10,100	20.3	12,400	FA	FA	FA	FA		
550 x 550	38	* ¹	-	○	703.9	553	286,000	10,400	20.2	12,900	-	FA	FA	FA		
550 x 550	40	* ¹	-	○	733.6	576	294,000	10,700	20.0	13,400	-	FA	FA	FA		
600 x 600	12	*	*	-	274.8	216	156,000	5,200	23.8	6,000	FD	FD	-	-		
600 x 600	16	○	○	-	360.6	283	201,000	6,690	23.6	7,790	FC	FC	-	-		
600 x 600	19	○	○	○	423.0	332	232,000	7,730	23.4	9,070	FA	FC	FC	FC		
600 x 600	22	○	○	○	483.7	380	261,000	8,710	23.2	10,300	FA	FA	FB	FB		
600 x 600	25	○	○	○	542.8	426	288,000	9,620	23.1	11,400	FA	FA	FA	FA		
600 x 600	28	○	○	○	600.3	471	314,000	10,500	22.9	12,500	FA	FA	FA	FA		
600 x 600	32	○	○	○	674.3	529	345,000	11,500	22.6	13,900	FA	FA	FA	FA		
600 x 600	36	○	○	○	745.4	585	372,000	12,400	22.4	15,200	FA	FA	FA	FA		
600 x 600	38	○	○	○	779.9	612	385,000	12,800	22.2	15,800	FA	FA	FA	FA		
600 x 600	40	*	*	○	813.6	639	397,000	13,200	22.1	16,400	FA	FA	FA	FA		
600 x 600	45	-	-	○	894.7	702	423,000	14,100	21.7	17,700	-	-	FA	FA		
650 x 650	12	*	*	-	298.8	235	200,000	6,150	25.9	7,090	FD	FD	-	-		
650 x 650	16	○	○	-	392.6	308	258,000	7,940	25.6	9,220	FC	FC	-	-		
650 x 650	19	○	○	○	461.0	362	299,000	9,200	25.5	10,700	FB	FC	FC	FC		
650 x 650	22	○	○	○	527.7	414	337,000	10,400	25.3	12,200	FA	FB	FC	FC		
650 x 650	25	○	○	○	592.8	465	374,000	11,500	25.1	13,600	FA	FA	FB	FB		
650 x 650	28	○	○	○	656.3	515	407,000	12,500	24.9	14,900	FA	FA	FA	FA		
650 x 650	32	○	○	○	738.3	580	449,000	13,800	24.7	16,600	FA	FA	FA	FA		
650 x 650	36	○	○	○	817.4	642	487,000	15,000	24.4	18,200	FA	FA	FA	FA		
650 x 650	38	○	○	○	855.9	672	505,000	15,500	24.3	19,000	FA	FA	FA	FA		
650 x 650	40	○	○	○	893.6	702	521,000	16,000	24.1	19,700	FA	FA	FA	FA		
650 x 650	45	-	-	○	984.7	773	558,000	17,200	23.8	21,300	-	-	FA	FA		
650 x 650	50	-	-	○	1071.0	841	590,000	18,200	23.5	22,900	-	-	FA	FA		
700 x 700	12	*	*	-	322.8	253	252,000	7,190	27.9	8,260	FD	FD	-	-		
700 x 700	16	○	○	-	424.6	333	325,000	9,300	27.7	10,800	FC	FD	-	-		
700 x 700	19	○	○	○	499.0	392	378,000	10,800	27.5	12,600	FB	FC	FC	FD		
700 x 700	22	○	○	○	571.7	449	427,000	12,200	27.3	14,300	FA	FC	FC	FC		
700 x 700	25	○	○	○	642.8	505	474,000	13,500	27.1	16,000	FA	FA	FB	FB		
700 x 700	28	○	○	○	712.3	559	518,000	14,800	27.0	17,600	FA	FA	FA	FA		

〔正方形断面〕

寸法 (mm)			BCP235, 325	BCP325T	BCHT385, 400	断面積 A (cm ²)	単位質量 W (kg/m)	断面二次モーメント I _x = I _y (cm ⁴)	断面係数 Z _x = Z _y (cm ³)	断面二次半径 i _x = i _y (cm)	塑性断面係数 Z _{px} = Z _{py} (cm ³)	幅厚比 α /鋼種			
A × B	t	BCP235										BCP325、325T	BCHT385	BCHT400	
700 x 700	32	○	○	○	802.3	630	573,000	16,400	26.7	19,600	FA	FA	FA	FA	
700 x 700	36	○	○	○	889.4	698	623,000	17,800	26.5	21,500	FA	FA	FA	FA	
700 x 700	38	○	○	○	931.9	732	646,000	18,500	26.3	22,400	FA	FA	FA	FA	
700 x 700	40	○	○	○	973.6	764	669,000	19,100	26.2	23,300	FA	FA	FA	FA	
700 x 700	45	-	-	○	1075.0	844	720,000	20,600	25.9	25,300	-	-	FA	FA	
700 x 700	50	-	-	○	1171.0	919	764,000	21,800	25.5	27,200	-	-	FA	FA	
750 x 750	12	*	*	-	346.8	272	311,000	8,300	30.0	9,530	FD	FD	-	-	
750 x 750	16	○	○	-	456.6	358	403,000	10,800	29.7	12,400	FC	FD	-	-	
750 x 750	19	○	○	○	537.0	422	469,000	12,500	29.6	14,500	FC	FC	FD	FD	
750 x 750	22	○	○	○	615.7	483	531,000	14,200	29.4	16,600	FB	FC	FC	FC	
750 x 750	25	○	○	○	692.8	544	591,000	15,700	29.2	18,500	FA	FB	FC	FC	
750 x 750	28	○	○	○	768.3	603	647,000	17,200	29.0	20,400	FA	FA	FB	FB	
750 x 750	32	○	○	○	866.3	680	717,000	19,100	28.8	22,800	FA	FA	FA	FA	
750 x 750	36	○	○	○	961.4	755	782,000	20,900	28.5	25,000	FA	FA	FA	FA	
750 x 750	38	○	○	○	1008.0	791	813,000	21,700	28.4	26,100	FA	FA	FA	FA	
750 x 750	38	○	○	○	1008.0	791	813,000	21,700	28.4	26,100	FA	FA	FA	FA	
750 x 750	45	-	-	○	1165.0	914	909,000	24,200	27.9	29,700	-	-	FA	FA	
750 x 750	50	-	-	○	1271.0	998	969,000	25,800	27.6	32,000	-	-	FA	FA	
800 x 800	16	*	*	-	488.6	384	493,000	12,300	31.8	14,200	FD	FD	-	-	
800 x 800	19	○	○	○	575.0	451	574,000	14,300	31.6	16,600	FC	FD	FD	FD	
800 x 800	22	○	○	○	659.7	518	651,000	16,300	31.4	19,000	FB	FC	FC	FC	
800 x 800	25	○	○	○	742.8	583	725,000	18,100	31.2	21,200	FA	FC	FC	FC	
800 x 800	28	○	○	○	824.3	647	795,000	19,900	31.1	23,400	FA	FB	FB	FC	
800 x 800	32	○	○	○	930.3	730	884,000	22,100	30.8	26,200	FA	FA	FA	FA	
800 x 800	36	○	○	○	1033.0	811	966,000	24,100	30.6	28,900	FA	FA	FA	FA	
800 x 800	38	○	○	○	1084.0	851	1,000,000	25,100	30.4	30,100	FA	FA	FA	FA	
800 x 800	40	○	○	○	1134.0	890	1,040,000	26,100	30.3	31,400	FA	FA	FA	FA	
800 x 800	45	-	-	○	1255.0	985	1,130,000	28,200	30.0	34,300	-	-	FA	FA	
800 x 800	50	-	-	○	1371.0	1076	1,210,000	30,200	29.7	37,100	-	-	FA	FA	
850 x 850	16	*	*	-	520.6	409	595,000	14,000	33.8	16,100	FD	FD	-	-	
850 x 850	19	○	○	○	613.0	481	694,000	16,300	33.6	18,900	FC	FD	FD	FD	
850 x 850	22	○	○	○	703.7	552	788,000	18,500	33.5	21,600	FC	FD	FD	FD	
850 x 850	25	○	○	○	792.8	622	879,000	20,700	33.3	24,200	FB	FC	FC	FC	
850 x 850	28	○	○	○	880.3	691	965,000	22,700	33.1	26,700	FA	FC	FC	FC	
850 x 850	32	○	○	○	994.3	781	1,070,000	25,300	32.9	29,900	FA	FB	FB	FB	
850 x 850	36	○	○	○	1105.0	868	1,180,000	27,700	32.6	33,000	FA	FA	FA	FA	
850 x 850	38	○	○	○	1160.0	911	1,220,000	28,800	32.5	34,400	FA	FA	FA	FA	
850 x 850	40	○	○	○	1214.0	953	1,270,000	29,900	32.4	35,900	FA	FA	FA	FA	
850 x 850	45	-	-	○	1345.0	1056	1,380,000	32,500	32.1	39,300	-	-	FA	FA	
850 x 850	50	-	-	○	1471.0	1155	1,480,000	34,900	31.7	42,600	-	-	FA	FA	
900 x 900	16	*	*	-	552.6	434	710,000	15,800	35.9	18,200	FD	FD	-	-	
900 x 900	19	○	○	○	651.0	511	829,000	18,400	35.7	21,300	FC	FD	FD	FD	
900 x 900	22	○	○	○	747.7	587	943,000	21,000	35.5	24,300	FC	FD	FD	FD	
900 x 900	25	○	○	○	842.8	662	1,050,000	23,400	35.3	27,300	FB	FC	FC	FC	
900 x 900	28	○	○	○	936.3	735	1,160,000	25,700	35.2	30,100	FA	FC	FC	FC	
900 x 900	32	○	○	○	1058.0	831	1,290,000	28,700	34.9	33,800	FA	FB	FB	FB	
900 x 900	36	○	○	○	1177.0	924	1,420,000	31,500	34.7	37,300	FA	FA	FA	FA	
900 x 900	38	○	○	○	1236.0	970	1,480,000	32,800	34.5	39,000	FA	FA	FA	FA	
900 x 900	40	○	○	○	1294.0	1016	1,530,000	34,100	34.4	40,700	FA	FA	FA	FA	
900 x 900	45	-	-	○	1435.0	1126	1,670,000	37,100	34.1	44,700	-	-	FA	FA	
900 x 900	50	-	-	○	1571.0	1233	1,790,000	39,900	33.8	48,400	-	-	FA	FA	
950 x 950	16	*	*	-	584.6	459	840,000	17,700	37.9	20,300	FD	FD	-	-	
950 x 950	19	○	○	○	689.0	541	981,000	20,600	37.7	23,800	FD	FD	FD	FD	
950 x 950	22	○	○	○	791.7	622	1,120,000	23,500	37.6	27,200	FC	FD	FD	FD	
950 x 950	25	○	○	○	892.8	701	1,250,000	26,300	37.4	30,600	FC	FC	FD	FD	
950 x 950	28	○	○	○	992.3	779	1,370,000	28,900	37.2	33,800	FB	FC	FC	FC	
950 x 950	32	○	○	○	1122.0	881	1,530,000	32,300	37.0	38,000	FA	FB	FC	FC	
950 x 950	36	○	○	○	1249.0	981	1,680,000	35,500	36.7	42,000	FA	FA	FB	FB	
950 x 950	38	○	○	○	1312.0	1030	1,760,000	37,000	36.6	43,900	FA	FA	FA	FA	
950 x 950	40	○	○	○	1374.0	1078	1,830,000	38,500	36.5	45,800	FA	FA	FA	FA	
950 x 950	45	-	-	○	1525.0	1197	1,990,000	42,000	36.2	50,400	-	-	FA	FA	
950 x 950	50	-	-	○	1671.0	1312	2,150,000	45,200	35.8	54,700	-	-	FA	FA	
1000 x 1000	16	*	*	-	616.6	484	984,000	19,700	39.9	22,600	FD	FD	-	-	
1000 x 1000	19	○	○	○	727.0	571	1,150,000	23,000	39.8	26,500	FD	FD	FD	FD	

〔正方形断面〕

寸法 (mm)						断面積	単位質量	断面二次モーメント	断面係数	断面二次半径	塑性断面係数	幅厚比ランク/鋼種				
A × B			t	BCP235, 325	BCP325T	BCHT385, 400	A (cm ²)	W (kg/m)	I _x = I _y (cm ⁴)	Z _x = Z _y (cm ³)	i _x = i _y (cm)	Z _{px} = Z _{py} (cm ³)	BCP235	BCP325, 325T	BCHT385	BCHT400
1000	x	1000	22	○	○	○	835.7	656	1,310,000	26,200	39.6	30,300	FC	FD	FD	FD
1000	x	1000	25	○	○	○	942.8	740	1,470,000	29,300	39.4	34,000	FC	FC	FD	FD
1000	x	1000	28	○	○	○	1048.0	823	1,610,000	32,300	39.2	37,700	FB	FC	FC	FC
1000	x	1000	32	○	○	○	1186.0	931	1,810,000	36,100	39.0	42,400	FA	FB	FC	FC
1000	x	1000	36	○	○	○	1321.0	1037	1,990,000	39,700	38.8	46,900	FA	FA	FB	FB
1000	x	1000	38	○	○	○	1388.0	1090	2,070,000	41,500	38.6	49,100	FA	FA	FB	FB
1000	x	1000	40	○	○	○	1454.0	1141	2,160,000	43,100	38.5	51,200	FA	FA	FA	FA
1000	x	1000	45	-	-	○	1615.0	1268	2,360,000	47,200	38.2	56,400	-	-	FA	FA
1000	x	1000	50	-	-	○	1771.0	1390	2,540,000	50,900	37.9	61,300	-	-	FA	FA

- 注： 1) *印はあらかじめご相談ください (*¹はBCP325のみ対応)。
 2) 幅厚比ランク BCHT400；昭和55年建設省告示第1792号で示された式で
 F値を400N/mm²として算定（認定書に規定）。
 BCHT385；同上の式でF値を385N/mm²として算定したもの。