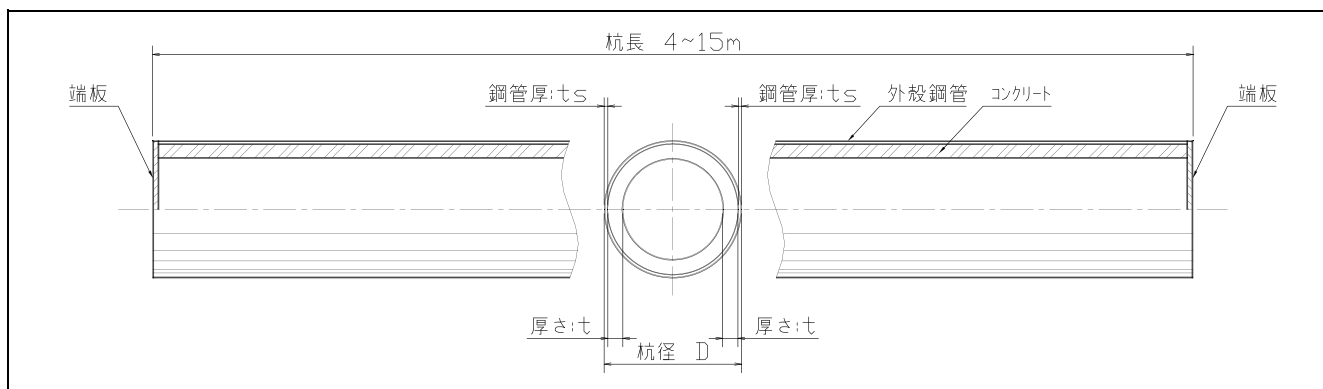


SC- ONA105、 Hi-SC105 パイル

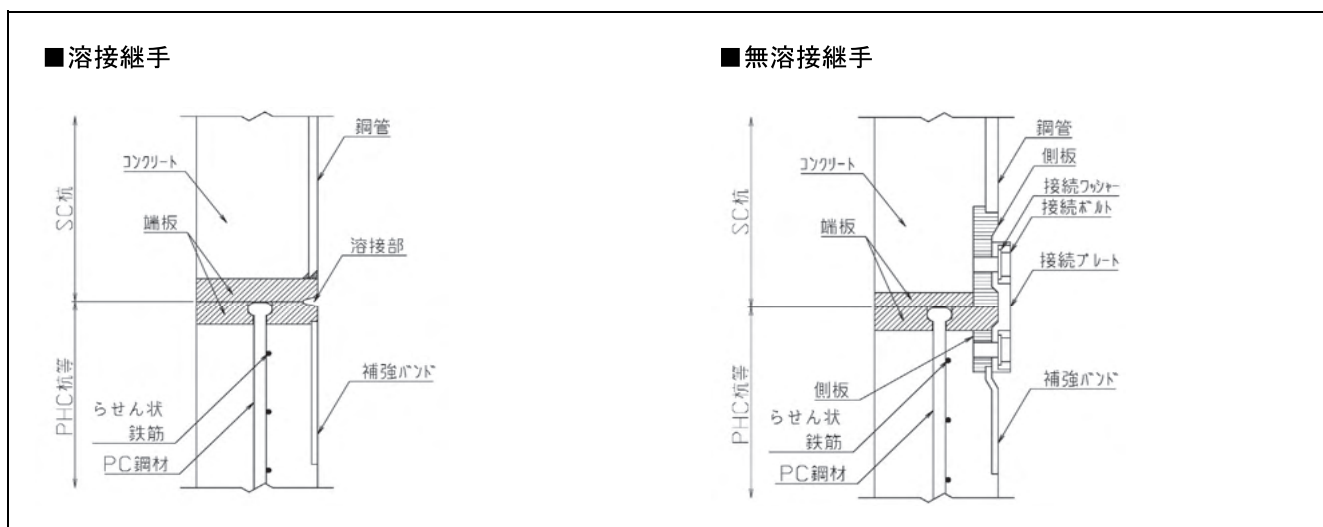
SC-ONA105、及びHi-SC105パイルは、コンクリートの設計基準強度: $F_c=105\text{N/mm}^2$ 以上を使用し、鋼管材質をそれぞれSKK400相当、SKK490相当を使用したSC杭です。杭径、及び鋼管厚で呼称を設けており、厚さはJIS標準型と特厚型の2種類あります。

[JIS A 5372 プレキャスト鉄筋コンクリート製品Ⅱ類]
(一財)日本建築センター評定品 BCJ評定-FD0179

SC-ONA105、Hi-SC105パイル構造図



SC-ONA105、Hi-SC105パイル継手構造図



コンクリートの設計用数値

項目	単位	数値
設計基準強度	N/mm^2	105
曲げ引張強度	N/mm^2	7.5
ヤング係数	N/mm^2	4.0×10^4
許容圧縮応力度	長期	N/mm^2 30
	短期	N/mm^2 60

鋼管の設計用数値

鋼管材質	項目	単位	種類
SKK400 相当	許容応力度 (圧縮・引張)	長期	N/mm^2 157
		短期	N/mm^2 235
	ヤング係数	N/mm^2	20.5×10^4
SKK490 相当	許容応力度 (圧縮・引張)	長期	N/mm^2 217
		短期	N/mm^2 325
	ヤング係数	N/mm^2	20.5×10^4

SC-ONA105、Hi-SC105パイル(杭径318.5mm～500mm) 標準性能表

杭径 D (mm)	厚さ (鋼管含) t (mm)	厚さ 区分	鋼管厚 ts (mm)	断面積			換算断面 二次モーメント I _e ×10 ⁶ (mm ⁴)	換算断面 係 数 Z _e ×10 ³ (mm ³)	設計曲げモーメント (N=0)				単位 質量 (t/m)								
				鋼管 As ×10 ² (mm ²)	コンクリート Ac ×10 ² (mm ²)	換算断面 Ae ×10 ² (mm ²)			短期許容 (kN・m)		破 壊 (kN・m)										
									SC-ONA105 SKK400相当	Hi-SC105 SKK490相当	SC-ONA105 SKK400相当	Hi-SC105 SKK490相当									
318.5	60	I	4.5 5 6 7 8 9	34.42 39.27 48.93 58.53 68.06 77.53	443 438 428 419 409 400	619 639 679 719 758 797	590.2 614.1 661.2 707.4 752.7 797.1	3,730 3,881 4,178 4,470 4,756 5,037	70.6 79.7 97.7 115.3 132.6 149.6	97.6 110.2 135.1 159.4 183.3 206.8	111.9 126.3 154.4 181.5 207.7 233.1	151.6 171.0 208.6 244.8 279.9 313.7	0.146 0.148 0.153 0.159 0.164 0.169								
355.6	60	I	4.5 5 6 7 8 9	38.50 43.93 54.76 65.52 76.22 86.86	508 502 491 481 470 459	705 727 772 817 861 904	859.5 893.0 959.3 1,024 1,088 1,151	4,861 5,051 5,426 5,795 6,157 6,512	88.9 100.5 123.2 145.4 167.2 188.7	88.9 139.0 170.3 201.0 231.2 260.9	123.0 159.3 195.0 229.5 262.9 295.4	141.0 191.2 263.6 309.8 354.5 397.6	191.2 215.8 263.6 309.8 354.5 397.9	0.166 0.169 0.175 0.180 0.186 0.192							
			65	II	4.5 5 6 7 8 9	38.50 43.93 54.76 65.52 76.22 86.86	544 538 528 517 506 495	741 763 809 853 897 940	883.6 917.1 983.4 1,049 1,113 1,175	4,998 5,187 5,562 5,931 6,293 6,649	88.9 100.5 123.2 145.4 167.2 188.7	88.9 138.9 170.3 201.0 231.2 261.0	122.9 159.3 195.0 229.4 262.9 295.4	141.0 191.2 263.6 309.8 354.6 397.9	191.2 215.8 263.6 309.8 354.6 397.9	0.175 0.178 0.184 0.189 0.195 0.201					
					65	I	4.5 5 6 7 8 9 10 11 12	43.38 49.51 61.73 73.89 85.99 98.02 109.99 121.89 133.74	628 622 610 598 586 574 562 550 538	850 876 926 977 1,027 1,076 1,126 1,175 1,223	1,319 1,367 1,463 1,556 1,649 1,740 1,829 1,918 2,004	6,628 6,870 7,349 7,821 8,286 8,743 9,193 9,636 10,073	113.8 128.6 157.7 186.2 214.1 241.7 268.9 295.7 322.2	157.4 177.9 218.1 257.4 296.1 334.2 371.8 408.9 445.6	180.3 203.9 249.9 294.4 337.8 380.0 421.0 460.9 499.8	244.7 276.4 338.2 397.9 455.9 512.0 566.4 619.2 670.5	0.201 0.204 0.211 0.217 0.224 0.230 0.237 0.243 0.249				
							75	II	4.5 5 6 7 8 9 10 11 12	43.38 49.51 61.73 73.89 85.99 98.02 109.99 121.89 133.74	710 704 691 679 667 655 643 631 619	932 958 1,007 1,058 1,108 1,157 1,207 1,256 1,304	1,388 1,436 1,532 1,626 1,718 1,809 1,899 1,987 2,074	6,975 7,218 7,697 8,169 8,633 9,090 9,541 9,984 10,420	113.7 128.5 157.6 186.1 214.2 241.8 269.0 295.8 322.4	157.3 177.8 218.0 257.4 296.2 334.3 372.0 409.1 445.8	180.3 203.9 249.9 294.4 337.8 379.9 421.0 461.1 500.3	244.7 276.4 338.1 397.9 455.9 512.3 567.2 620.6 672.7	0.221 0.225 0.231 0.238 0.244 0.251 0.257 0.263 0.270		
									70	I	4.5 5 6 7 8 9 10 11 12	48.88 55.79 69.59 83.32 96.98 110.58 124.12 137.60 151.02	773 766 752 738 725 711 697 684 671	1,024 1,052 1,109 1,165 1,222 1,278 1,333 1,389 1,445	2,022 2,091 2,228 2,363 2,497 2,628 2,758 2,886 3,012	9,027 9,336 9,948 10,551 11,146 11,733 12,312 12,883 13,446	145.6 164.6 201.8 238.3 274.2 309.6 344.4 378.9 412.9	201.4 227.6 279.1 329.6 379.2 428.1 476.3 523.9 571.0	230.5 260.8 320.0 377.6 433.6 488.3 541.6 593.6 644.3	313.0 353.9 433.5 510.8 585.8 658.7 729.5 798.3 865.2	0.242 0.246 0.254 0.261 0.268 0.276 0.283 0.290 0.297
											80	II	4.5 5 6 7 8 9 10 11 12	48.88 55.79 69.59 83.32 96.98 110.58 124.12 137.60 151.02	867 860 846 832 819 805 792 778 765	1,118 1,146 1,203 1,259 1,316 1,372 1,428 1,483 1,539	2,128 2,197 2,334 2,470 2,603 2,734 2,864 2,992 3,118	9,501 9,810 10,421 11,025 11,620 12,207 12,786 13,357 13,920	145.6 164.5 201.8 238.4 274.3 309.7 344.6 379.1 413.2	201.3 227.5 279.1 329.7 379.3 428.3 476.6 524.3 571.4	230.5 260.8 320.0 377.6 433.6 488.2 541.6 593.8 644.8
	80	I											4.5 5 6 7 8 9 10 11 12 13 14 15 16	54.37 62.08 77.44 92.74 107.98 123.15 138.26 153.31 168.30 183.22 198.08 212.87 227.61	986 978 962 947 932 917 902 887 872 857 842 827 812	1,265 1,296 1,359 1,422 1,485 1,548 1,611 1,673 1,735 1,796 1,857 1,918 1,979	3,049 3,144 3,334 3,521 3,706 3,888 4,068 4,247 4,422 4,596 4,767 4,937 5,104	12,244 12,628 13,389 14,140 14,882 15,615 16,339 17,054 17,760 18,458 19,146 19,826 20,497	181.5 205.2 251.7 297.3 342.2 386.3 429.9 473.0 515.6 557.8 599.5 640.9 681.9	251.0 283.8 348.1 411.2 473.2 534.3 594.6 654.1 713.0 771.4 829.1 886.3 943.0	286.9 324.8 399.0 471.3 541.7 610.5 677.8 743.7 808.1 871.1 932.7 992.9 1,052
			100	II									4.5 5 6 7 8 9 10 11 12 13 14 15 16	54.37 62.08 77.44 92.74 107.98 123.15 138.26 153.31 168.30 183.22 198.08 212.87 227.61	1,187 1,179 1,164 1,148 1,133 1,118 1,103 1,088 1,073 1,058 1,043 1,028 1,013	1,466 1,497 1,561 1,623 1,686 1,749 1,812 1,874 1,936 1,997 2,058 2,119 2,180	3,307 3,403 3,592 3,779 3,964 4,147 4,327 4,505 4,681 4,854 5,026 5,195 5,362	13,282 13,666 14,426 15,178 15,920 16,653 17,377 18,092 18,798 19,495 20,184 20,863 21,535	181.2 204.9 251.4 297.1 342.0 386.2 429.9 473.0 515.7 557.9 599.8 641.2 682.2	250.6 283.3 347.7 410.8 472.9 534.1 594.5 654.2 713.2 771.6 829.4 886.7 943.5	286.9 324.8 399.0 471.3 541.7 610.5 677.8 743.6 808.1 871.3 933.4 994.3 1,054

※ 杭長は4～15m、1m単位を標準とします。

※ 杭径、厚さ、鋼管厚以外の数値は、鋼管の腐食代1mmを考慮した値です。

SC-ONA105、Hi-SC105パイプ(杭径600mm～800mm) 標準性能表

杭径 D (mm)	厚さ (鋼管含) t (mm)	厚さ 区分	鋼管厚 ts (mm)	断面積			換算断面 二次モーメント Ie ×10 ⁶ (mm ⁴)	換算断面 係 数 Ze ×10 ³ (mm ³)	設計曲げモーメント (N=0)				単位 質量 (t/m)			
				鋼管 As ×10 ² (mm ²)	コンクリート Ac ×10 ² (mm ²)	換算断面 Ae ×10 ² (mm ²)			短期許容 (kN・m)		破 壊 (kN・m)					
									SC-ONA105 SKK400相当	Hi-SC105 SKK490相当	SC-ONA105 SKK400相当	Hi-SC105 SKK490相当				
600	90	Ⅰ	4.5	65.37	1,358	1,693	5,941	19,870	265.6	367.3	418.5	569.6	0.405			
			5	74.64	1,349	1,732	6,108	20,428	300.3	415.3	474.3	645.0	0.410			
			6	93.15	1,330	1,807	6,439	21,535	368.6	509.7	583.7	792.4	0.420			
			7	111.59	1,312	1,884	6,767	22,631	435.5	602.3	690.5	936.1	0.430			
			8	129.97	1,293	1,959	7,091	23,715	501.3	693.2	794.9	1,076	0.440			
			9	148.28	1,275	2,035	7,412	24,789	566.2	782.9	897.1	1,214	0.449			
			10	166.54	1,257	2,111	7,730	25,851	630.2	871.5	997.3	1,348	0.459			
			11	184.73	1,238	2,185	8,044	26,903	693.5	959.0	1,096	1,479	0.469			
			12	202.85	1,220	2,260	8,355	27,944	756.1	1,046	1,192	1,607	0.479			
			13	220.92	1,202	2,334	8,663	28,974	818.1	1,131	1,287	1,732	0.488			
			14	238.92	1,184	2,408	8,968	29,993	879.5	1,216	1,379	1,855	0.498			
			15	256.86	1,166	2,482	9,269	31,002	940.4	1,301	1,470	1,975	0.508			
			16	274.73	1,148	2,556	9,568	32,000	1,001	1,384	1,560	2,092	0.517			
			110	Ⅱ	4.5	65.37	1,609	1,944	6,445	21,555	265.3	366.8	418.5	569.6	0.468	
					5	74.64	1,600	1,983	6,612	22,113	300.0	414.9	474.3	645.0	0.473	
					6	93.15	1,581	2,058	6,943	23,220	368.4	509.4	583.7	792.4	0.483	
	7	111.59			1,563	2,135	7,271	24,316	435.4	602.1	690.5	936.1	0.493			
	8	129.97			1,545	2,211	7,595	25,401	501.3	693.3	794.9	1,076	0.502			
	9	148.28			1,526	2,286	7,916	26,474	566.3	783.1	897.1	1,213	0.512			
	10	166.54			1,508	2,363	8,233	27,537	630.5	871.9	997.2	1,348	0.522			
	11	184.73			1,490	2,437	8,548	28,588	693.9	959.6	1,096	1,479	0.532			
	12	202.85			1,472	2,512	8,859	29,629	756.7	1,046	1,192	1,609	0.541			
	13	220.92			1,454	2,586	9,167	30,659	818.8	1,132	1,287	1,735	0.551			
	14	238.92			1,436	2,660	9,472	31,678	880.4	1,218	1,380	1,860	0.561			
	15	256.86			1,418	2,734	9,773	32,687	941.4	1,302	1,472	1,982	0.570			
	16	274.73			1,400	2,808	10,072	33,685	1,002	1,386	1,562	2,102	0.580			
	700	100			Ⅰ	6	108.86	1,754	2,312	11,280	32,320	508.6	703.3	804.0	1,093	0.542
						7	130.44	1,733	2,402	11,805	33,825	601.1	831.2	952.3	1,293	0.553
						8	151.96	1,711	2,490	12,325	35,316	692.1	957.0	1,098	1,488	0.565
			9	173.42		1,690	2,579	12,842	36,795	781.7	1,081	1,240	1,680	0.576		
			10	194.81		1,668	2,666	13,353	38,261	870.3	1,204	1,380	1,867	0.588		
			11	216.14		1,647	2,755	13,860	39,714	957.8	1,325	1,518	2,051	0.599		
12			237.41	1,626		2,843	14,363	41,154	1,045	1,444	1,653	2,231	0.610			
13			258.62	1,604		2,929	14,861	42,582	1,130	1,563	1,786	2,408	0.622			
14			279.76	1,583		3,017	15,355	43,997	1,215	1,681	1,916	2,581	0.633			
15			300.84	1,562		3,104	15,844	45,399	1,300	1,797	2,045	2,751	0.644			
16			321.86	1,541		3,191	16,329	46,789	1,383	1,913	2,171	2,917	0.656			
17			342.81	1,520		3,277	16,810	48,166	1,466	2,028	2,295	3,080	0.667			
18			363.70	1,499		3,363	17,286	49,531	1,549	2,142	2,417	3,240	0.678			
19			384.53	1,478		3,449	17,758	50,884	1,631	2,255	2,536	3,397	0.689			
120			Ⅱ	6		108.86	2,056	2,614	12,150	34,813	508.4	703.1	804.0	1,093	0.617	
				7		130.44	2,034	2,703	12,675	36,318	601.1	831.3	952.3	1,293	0.629	
				8		151.96	2,013	2,792	13,196	37,810	692.3	957.3	1,098	1,488	0.640	
				9		173.42	1,991	2,880	13,712	39,288	782.2	1,082	1,240	1,679	0.652	
				10		194.81	1,970	2,968	14,223	40,754	870.9	1,204	1,380	1,867	0.663	
		11		216.14	1,948	3,056	14,730	42,207	958.7	1,326	1,517	2,051	0.674			
		12		237.41	1,927	3,144	15,233	43,647	1,046	1,446	1,653	2,233	0.686			
		13		258.62	1,906	3,231	15,731	45,075	1,132	1,565	1,786	2,411	0.697			
		14		279.76	1,885	3,319	16,225	46,490	1,217	1,683	1,917	2,586	0.708			
		15		300.84	1,864	3,406	16,714	47,892	1,302	1,800	2,046	2,758	0.720			
800		110	Ⅰ	16	321.86	1,843	3,493	17,199	49,282	1,385	1,916	2,173	2,927	0.731		
				17	342.81	1,822	3,579	17,680	50,659	1,469	2,031	2,298	3,094	0.742		
				18	363.70	1,801	3,665	18,156	52,024	1,551	2,145	2,421	3,257	0.753		
				19	384.53	1,780	3,751	18,628	53,377	1,633	2,259	2,543	3,419	0.764		
				6	124.56	2,235	2,873	18,390	46,090	672.0	929.3	1,060	1,442	0.677		
				7	149.29	2,210	2,975	19,180	48,069	794.4	1,099	1,257	1,708	0.690		
				8	173.95	2,185	3,076	19,963	50,033	915.0	1,265	1,450	1,968	0.703		
				9	198.55	2,161	3,179	20,741	51,982	1,034	1,429	1,640	2,223	0.716		
	10			223.08	2,136	3,279	21,513	53,916	1,151	1,591	1,826	2,474	0.729			
	11			247.56	2,112	3,381	22,278	55,835	1,267	1,752	2,010	2,719	0.742			
	12			271.97	2,087	3,481	23,038	57,740	1,381	1,910	2,190	2,961	0.755			
	13			296.32	2,063	3,582	23,792	59,630	1,495	2,068	2,368	3,198	0.768			
	14			320.60	2,039	3,682	24,540	61,505	1,608	2,223	2,544	3,431	0.781			
	15			344.82	2,015	3,782	25,283	63,366	1,720	2,378	2,716	3,659	0.794			
	16			368.98	1,990	3,881	26,020	65,212	1,830	2,531	2,886	3,884	0.807			
	17			393.08	1,966	3,981	26,750	67,044	1,941	2,684	3,053	4,104	0.820			
	18			417.11	1,942	4,080	27,476	68,861	2,050	2,835	3,218	4,321	0.833			
	19			441.08	1,918	4,179	28,195	70,665	2,159	2,985	3,380	4,534	0.846			
	130			Ⅱ	6	124.56	2,587	3,225	19,771	49,552	671.9	929.1	1,060	1,442	0.765	
		7	149.29		2,562	3,327	20,561	51,531	794.5	1,099	1,257	1,708	0.778			
		8	173.95		2,537	3,428	21,344	53,495	915.2	1,266	1,450	1,968	0.791			
		9	198.55		2,513	3,531	22,122	55,443	1,034	1,430	1,640	2,223	0.804			
		10	223.08		2,488	3,631	22,894	57,377	1,152	1,593	1,826	2,473	0.817			
		11	247.56		2,464	3,733	23,659	59,297	1,268	1,754	2,009	2,720	0.830			
		12	271.97		2,439	3,833	24,419	61,201	1,383	1,913	2,190	2,962	0.843			
		13	296.32		2,415	3,934	25,173	63,091	1,497	2,070	2,368	3,200	0.856			
		14	320.60		2,391	4,034	25,922	64,966	1,610	2,227	2,544	3,435	0.869			
		15	344.82		2,366	4,133	26,664	66,827	1,722	2,382	2,717	3,666	0.882			
		16	368.98		2,342	4,233	27,401	68,673	1,833	2,535	2,887	3,894	0.895			
		17	393.08		2,318	4,333	28,132	70,505	1,944	2,688	3,056	4,118	0.908			
		18	417.11		2,294	4,432	28,857	72,323	2,053	2,840	3,222	4,339	0.921			
	19	441.08	2,270	4,531	29,576	74,126	2,162	2,990	3,386	4,556	0.934					

SC-ONA105、Hi-SC105/パイ(杭径900mm~1000mm) 標準性能表

杭径 D (mm)	厚さ (鋼管含) t (mm)	厚さ 区分	鋼管厚 ts (mm)	断面積			換算断面 二次モーメント Ie (mm ⁴)	換算断面 係 数 Ze (mm ³)	設計曲げモーメント (N=0)				単位 質量 (t/m)
				鋼管 As (mm ²)	コンクリート Ac (mm ²)	換算断面 Ae (mm ²)			短期許容 (kN・m)		破 壊 (kN・m)		
									SC-ONA105 SKK400相当	Hi-SC105 SKK490相当	SC-ONA105 SKK400相当	Hi-SC105 SKK490相当	
900	120	I	6	140.27	2,772	3,491	28,375	63,195	858.9	1,188	1,352	1,841	0.826
			7	168.14	2,744	3,606	29,505	65,713	1,016	1,405	1,604	2,182	0.841
			8	195.94	2,716	3,720	30,628	68,214	1,170	1,618	1,852	2,516	0.855
			9	223.68	2,689	3,835	31,743	70,698	1,322	1,828	2,096	2,844	0.870
			10	251.36	2,661	3,949	32,851	73,165	1,472	2,036	2,336	3,167	0.885
			11	278.97	2,633	4,063	33,951	75,615	1,620	2,241	2,572	3,485	0.900
			12	306.53	2,606	4,177	35,044	78,048	1,767	2,444	2,805	3,797	0.915
			13	334.01	2,578	4,290	36,129	80,465	1,913	2,645	3,035	4,104	0.929
			14	361.44	2,551	4,403	37,207	82,866	2,057	2,845	3,262	4,405	0.944
			15	388.80	2,523	4,516	38,277	85,249	2,201	3,043	3,485	4,702	0.958
			16	416.10	2,496	4,629	39,340	87,617	2,343	3,240	3,706	4,994	0.973
			17	443.34	2,469	4,741	40,396	89,968	2,484	3,435	3,923	5,281	0.988
			18	470.52	2,442	4,853	41,444	92,303	2,624	3,629	4,137	5,563	1.002
			19	497.63	2,415	4,965	42,485	94,622	2,763	3,822	4,348	5,841	1.017
	140	II	6	140.27	3,174	3,893	30,436	67,785	858.9	1,188	1,352	1,841	0.926
			7	168.14	3,146	4,008	31,566	70,303	1,016	1,405	1,604	2,182	0.941
			8	195.94	3,118	4,122	32,689	72,804	1,171	1,619	1,852	2,516	0.956
			9	223.68	3,091	4,237	33,804	75,287	1,323	1,829	2,096	2,844	0.971
			10	251.36	3,063	4,351	34,912	77,754	1,473	2,038	2,336	3,167	0.986
			11	278.97	3,035	4,465	36,012	80,205	1,622	2,243	2,572	3,484	1.000
			12	306.53	3,008	4,579	37,105	82,638	1,770	2,447	2,805	3,797	1.015
			13	334.01	2,980	4,692	38,190	85,055	1,916	2,649	3,035	4,105	1.030
			14	361.44	2,953	4,805	39,268	87,455	2,060	2,849	3,262	4,409	1.044
			15	388.80	2,926	4,919	40,338	89,839	2,204	3,048	3,485	4,709	1.059
			16	416.10	2,898	5,031	41,401	92,207	2,347	3,245	3,706	5,004	1.074
			17	443.34	2,871	5,143	42,457	94,558	2,488	3,441	3,925	5,295	1.088
			18	470.52	2,844	5,255	43,505	96,893	2,629	3,635	4,140	5,581	1.103
			19	497.63	2,817	5,367	44,546	99,212	2,768	3,829	4,353	5,864	1.117
1000	130	I	6	155.98	3,366	4,165	41,907	83,982	1,070	1,479	1,680	2,289	0.989
			7	186.99	3,335	4,293	43,464	87,103	1,265	1,750	1,995	2,715	1.006
			8	217.93	3,304	4,421	45,013	90,206	1,457	2,015	2,304	3,133	1.022
			9	248.81	3,273	4,548	46,551	93,289	1,647	2,278	2,609	3,544	1.039
			10	279.63	3,242	4,675	48,081	96,354	1,834	2,537	2,910	3,948	1.055
			11	310.39	3,211	4,802	49,600	99,400	2,019	2,793	3,206	4,346	1.071
			12	341.08	3,181	4,929	51,111	102,427	2,203	3,046	3,498	4,739	1.088
			13	371.71	3,150	5,055	52,613	105,436	2,384	3,297	3,786	5,125	1.104
			14	402.28	3,119	5,181	54,105	108,426	2,565	3,547	4,071	5,505	1.121
			15	432.79	3,089	5,307	55,588	111,398	2,743	3,794	4,353	5,879	1.137
			16	463.23	3,059	5,433	57,062	114,352	2,921	4,039	4,630	6,248	1.153
			17	493.61	3,028	5,558	58,526	117,287	3,097	4,283	4,904	6,611	1.169
			18	523.92	2,998	5,683	59,982	120,204	3,272	4,525	5,175	6,968	1.186
			19	554.18	2,968	5,808	61,429	123,104	3,446	4,765	5,441	7,320	1.202
	150	II	6	155.98	3,818	4,617	44,841	89,861	1,070	1,479	1,680	2,289	1.102
			7	186.99	3,787	4,745	46,398	92,982	1,266	1,750	1,995	2,715	1.119
			8	217.93	3,756	4,873	47,946	96,085	1,458	2,017	2,304	3,133	1.135
			9	248.81	3,725	5,000	49,485	99,168	1,648	2,280	2,609	3,543	1.152
			10	279.63	3,695	5,128	51,014	102,233	1,836	2,539	2,910	3,948	1.168
			11	310.39	3,664	5,255	52,534	105,279	2,022	2,796	3,206	4,346	1.185
			12	341.08	3,633	5,381	54,045	108,306	2,206	3,050	3,498	4,739	1.201
			13	371.71	3,602	5,507	55,546	111,315	2,388	3,302	3,786	5,126	1.217
			14	402.28	3,572	5,634	57,038	114,306	2,569	3,552	4,071	5,508	1.234
			15	432.79	3,541	5,759	58,521	117,278	2,748	3,800	4,352	5,885	1.250
			16	463.23	3,511	5,885	59,995	120,231	2,926	4,046	4,630	6,257	1.266
			17	493.61	3,481	6,011	61,460	123,167	3,102	4,290	4,905	6,624	1.283
			18	523.92	3,450	6,135	62,916	126,084	3,278	4,533	5,177	6,986	1.299
			19	554.18	3,420	6,260	64,362	128,983	3,452	4,774	5,446	7,343	1.313

※ 杭長は4～15m、1m単位を標準とします。

※ 杭径、厚さ、鋼管厚以外の数値は、鋼管の腐食代1mmを考慮した値です。