

SPIRALFLUSH®



INTEGRATED RING BIT SYSTEMS

INTEGRATED RING BIT SYSTEMS are designed for drilling end bearing piles to bed rock. System is designed to drill straight piles through boulders, rock layers and into inclined bed rock. Heavy duty ring bit is integrated to casing shoe, which makes it safe to drill in loose ground and over the water.



Main **applications** for integrated systems are:

1. End bearing piles including micro piling
2. Piling with sacrificed casings, which have no large ID ring bit requirements
3. Slope stabilization
4. Pipe walls, king piles

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INTEGRATED SYSTEM DESIGN FEATURES



System is available from 140 to 1524 mm casings and for all major shank designs.

System	OD (Inch)	Max wall	Ring bit ID	Ring bit OD	Pilot bit OD
I140-10-100	139.7 (5 1/2")	10	100	160	118
I168-12.7-125	168.3 (6 5/8")	12,7	125	189	140
I194-12.7-147	193,7 (7 5/8")	12,7	147	224	165
I219-12.7-171	219.1 (8 5/8")	12,7	171	245	190
I273-12.7-220	273 (10 3/4")	12,7	220	299	244
I323-14.2-240	323.9 (12 3/4")	14,2	240	339	291
I406-16-328	406,4 (16")	16	328	418	370
I508-16-422	508 (20")	16	422	520	471
I610-16-502	609,6 (24")	16	502	622	572
I711-16-610	711,2 (28")	16	610	735	675
I813-16-700	812,8 (32")	16	700	835	769
I914-17.5-800	914.4 (36")	17,5	800	930	869
I1016-20-880 *	1016 (40")	20	880	1032	966
I1220-20-1080 *	1219.2 (48")	20	1080	1240	1168
I1321-22-1150 *	1320.8 (52")	22	1150	1344	1247
I1524-22-1340 *	1524 (60")	22	1340	1548	1462

*Large diameter system can be engineered based on the specific customer requirements