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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. Pilings with sacrificed casings, which have no large ID ring bit requirements
3. Slope stabilization
4. Pipe walls, king piles

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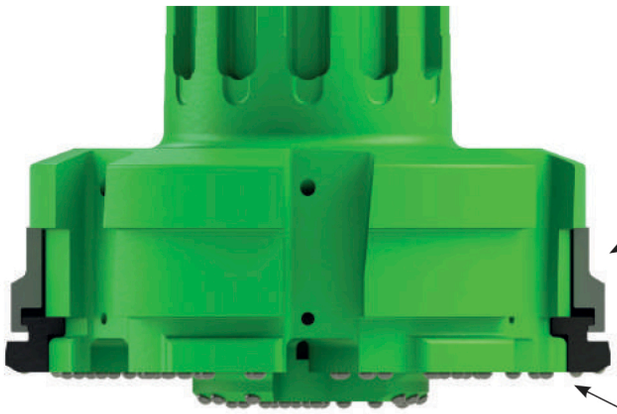
INTEGRATED SYSTEM DESIGN FEATURES



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

System product code	Casing OD mm	Casing OD inch	Max wall mm	Max wall Inch	Ring bit ID mm	Ring bit ID inch	Ring bit OD mm	Ring bit OD inch	Pilot bit OD mm	Pilot bit OD inch
I140-10-100	139.7	5 1/2"	10	25/64"	102	4 1/64"	160	6 19/64"	118	4 41/64"
I168-12.7-125	168.3	6 5/8"	12,7	1/2"	125	4 59/64"	189	7 7/16"	140	5 33/64"
I194-12.7-147	193,7	7 5/8"	12,7	1/2"	147	5 25/32"	224	8 13/16"	165	6 1/2"
I219-12.7-171	219.1	8 5/8"	12,7	1/2"	171	6 47/64"	245	9 41/64"	190	7 31/64"
I273-12.7-220	273	10 3/4"	12,7	1/2"	220	8 21/32"	299	11 49/64"	244	9 39/64"
I323-14.2-240	323.9	12 3/4"	14,2	9/16"	240	9 29/64"	339	13 11/32"	291	11 29/64"
I406-16-328	406,4	16"	16	5/8"	328	12 29/32"	418	16 29/64"	370	14 9/16"
I508-16-422	508	20"	16	5/8"	422	16 39/64"	520	20 15/32"	471	18 35/64"
I610-16-502	609,6	24"	16	5/8"	502	19 49/64"	622	24 31/64"	572	22 33/64"
I711-16-610	711,2	28"	16	5/8"	610	24 1/64"	735	28 15/16"	675	26 37/64"
I813-16-700	812,8	32"	16	5/8"	700	27 9/16"	835	32 7/8"	769	30 9/32"
I914-17.5-800	914.4	36"	17,5	11/16"	800	31 1/2"	930	36 39/64"	869	34 7/32"
I1016-20-880 *	1016	40"	20	25/32"	880	34 41/64"	1032	40 5/8"	966	38 1/32"
I1220-20-1080 *	1219.2	48"	20	25/32"	1080	42 33/64"	1240	48 13/16"	1168	45 63/64"
I1321-22-1150 *	1320.8	52"	22	55/64"	1150	45 9/32"	1344	52 29/32"	1247	49 3/32"
I1524-22-1340 *	1524	60"	22	55/64"	1340	52 3/4"	1548	60 15/16"	1462	57 9/16"

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