



O-PILE RING BIT SYSTEMS

SOLITARY O-PILE RING BIT SYSTEMS are used to drill straight interlocked casings through boulders, rock layers even into inclined bed rock. With O-pile technique one can build interlocked casing walls, roofs and other structures for construction industry. O-Piles can also replace sheet piles and slurry walls in rocky ground conditions. Heavy duty ring bit is not attached to casing shoe, which makes it most economical of the ring bit alternatives.



Main **applications** for O-pile systems are:

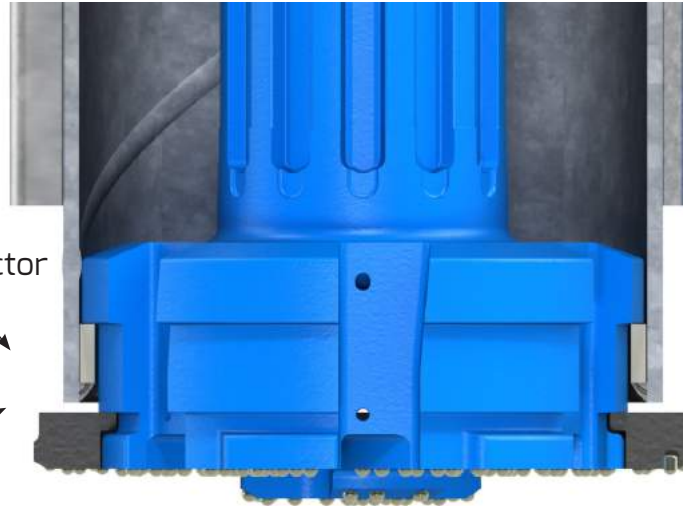
1. O-pile walls
2. O-pile roofs
3. Cofferdams
4. Retaining walls
5. Watertight cut off walls

O-PILE SYSTEM DESIGN FEATURES



Oversized ring bit drills
room for female connector

Heavy duty ring bit



Performance steel
casing shoe

Ring bit protects the
pilot gauge buttons

System is available from 219 to 1220 mm casings and for all major shank designs.

System product code	Casing OD		Max wall		Ring bit ID		Ring bit OD		Pilot bit OD	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
XL219-12.7-150	219,1	8.625"	12,7	0.5"	150	5.906"	279	10.984"	191	7.520"
XL244-14.2-170	244,5	9.625"	14.2	0.559"	170	6.693"	304	11.969"	213	8.386"
XL254-14.2-178	254	10"	14.2	0.559"	178	7.008"	314	12.362"	223	8.780"
XL273-12.7-192	273	10.75"	12,7	0.5"	192	7.559"	333	13.110"	245	9.646"
XL301-14.2-220	301,6	11.875"	14.2	0.559"	220	8.661"	361	14.213"	270	10.630"
XL323-14.2-240	323,9	12.75"	14,2	0.559"	240	9.449"	383	15.079"	291	11.622"
XL339-14.2-255	339,7	13.375"	14.2	0.559"	255	10.039"	399	15.709"	308	12.126"
XL355-14.2-270	355,6	14"	14.2	0.559"	270	10.630"	415	16.339"	324	12.756"
XL406-16-318	406,4	16"	16	0.625"	318	12.520"	466	18.346"	370	14.567"
XL457-16-360	457,2	18"	16	0.625"	360	14.173"	517	20.354"	423	16.654"
XL508-16-422	508	20"	16	0.625"	422	16.614"	565	22.244"	471	18.543"
XL559-16-470	558,8	22"	16	0.625"	470	18.504"	619	24.370"	521	20.512"
XL610-16-502	609,6	24"	16	0.625"	502	19.764"	670	26.378"	572	22.520"
XL660-16-545	660,4	26"	16	0.625"	545	21.457"	720	28.346"	615	24.213"
XL711-16-610	711,2	28"	16	0.625"	610	24.016"	771	30.354"	675	26.757"
XL762-20-655	762	30"	20	0.787"	655	25.787"	822	32.362"	715	28.150"
XL813-20-700	812,8	32"	20	0.787"	700	27.559"	873	34.370"	769	30.276"
XL863-20-750	863,6	34"	20	0.787"	750	29.528"	923	36.339"	815	32.087"
XL914-20-800	914,4	36"	20	0.787"	800	31.500"	974	38.346"	866	34.095"
XL1016-20-880 *	1016	40"	20	0.787"	880	34.646"	1076	42.362"	966	38.094"
XL1220-20-1080 *	1219,2	48"	20	0.787"	1080	42.520"	1280	50.394"	1168	45.984"

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

