

# SOLITARY M-WALL RING BIT SYSTEM



**Solitary M-Wall ring bit system** is used to drill straight interlocked casings through boulders and rock layers even into inclined bedrock. M-Wall is a perfect solution to replace sheet piles and slurry walls in rocky ground conditions.

The solitary design means that the casing shoe and the ring bit are separated which, in the hands of an experienced driller, is a very cost effective drilling solution.

### MAIN APPLICATIONS

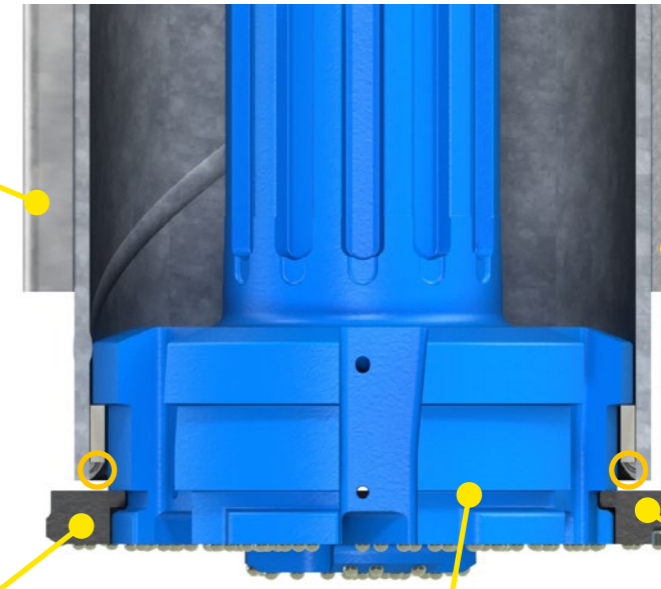
- Interlocked walls and roofs
- Cofferdams
- Retaining walls
- Watertight cut off walls



## SOLITARY M-WALL RING BIT SYSTEM 219–1 220 mm

The female connector travels in the space created by two adjacent piles

Suitable for all major interlock types



Ring bit protects the pilot gauge buttons

The pilot is compatible with the solitary and large integrated systems

Oversized ring bit drills room for the male connector

○ = Welding spot

System is available from 219 to 1 220 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	8.63"	12.7	0.5"	150	5.91"	279	10.98"	191	7.52"
XL244-14.2-170	244.5	9.63"	14.2	0.56"	170	6.69"	304	11.97"	213	8.39"
XL254-14.2-178	254	10"	14.2	0.56"	178	7.01"	314	12.36"	223	8.78"
XL273-12.7-192	273	10.75"	12.7	0.5"	192	7.56"	333	13.11"	245	9.65"
XL301-14.2-220	301.6	11.87"	14.2	0.56"	220	8.66"	361	14.21"	270	10.63"
XL323-14.2-240	323.9	12.75"	14.2	0.56"	240	9.45"	383	15.08"	291	11.62"
XL339-14.2-255	339.7	13.37"	14.2	0.56"	255	10.04"	399	15.71"	308	12.13"
XL355-14.2-270	355.6	14"	14.2	0.56"	270	10.63"	415	16.34"	324	12.76"
XL406-16-318	406.4	16"	16	0.63"	318	12.52"	466	18.35"	370	14.57"
XL457-16-360	457.2	18"	16	0.63"	369	14.53"	517	20.35"	420	16.54"
XL508-16-422	508	20"	16	0.63"	422	16.61"	565	22.24"	471	18.54"
XL559-16-470	558.8	22"	16	0.63"	470	18.50"	619	24.37"	521	20.51"
XL610-16-502	609.6	24"	16	0.63"	502	19.76"	670	26.38"	572	22.52"
XL660-16-545	660.4	26"	16	0.63"	545	21.46"	720	28.35"	615	24.21"
XL711-16-610	711.2	28"	16	0.63"	610	24.02"	771	30.35"	675	26.76"
XL762-20-655	762	30"	20	0.79"	655	25.79"	822	32.36"	715	28.15"
XL813-20-700	812.8	32"	20	0.79"	700	27.56"	873	34.37"	766	30.16"
XL863-20-750	863.6	34"	20	0.79"	750	29.53"	923	36.34"	815	32.09"
XL914-20-800	914.4	36"	20	0.79"	800	31.50"	974	38.35"	866	34.09"
XL1016-20-880*	1 016	40"	20	0.79"	880	34.65"	1 076	42.36"	966	38.09"
XL1220-20-1080*	1 219.2	48"	20	0.79"	1 080	42.52"	1 280	50.39"	1 168	45.98"

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