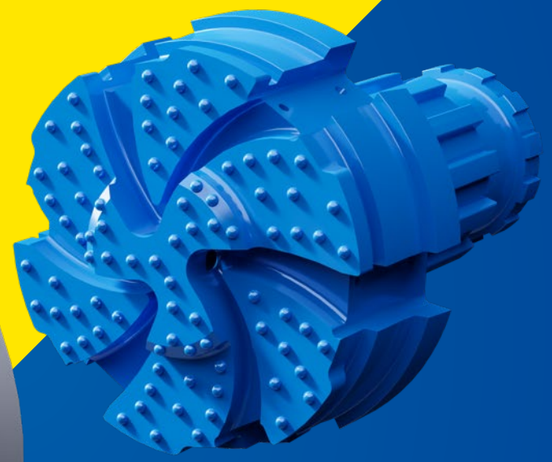
SPIRALFLUSH®

INTEGRATED M-WALL RING BIT SYSTEM



Integrated 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 integrated design means that the casing shoe and the ring bit are permanently connected together. This makes drilling over water safe as there is no risk of accidentally dropping the ring bit into water.

MAIN APPLICATIONS

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

Mincon™

INTEGRATED M-WALL RING BIT SYSTEM
219–1 220 mm

= Welding spot

System is available from 219 to 1 220 mm casings and for all major shank designs.

SPIRALFLUSH®

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
XLI219-12.7-150	219.1	8.63”	12.7	0.5”	150	5.91”	279	10.98”	191	7.52”
XLI244-14.2-170	244.5	9.63”	14.2	0.56”	170	6.69”	304	11.97”	213	8.37”
XLI254-14.2-178	254	10”	14.2	0.56”	178	7.01”	314	12.36”	223	8.78”
XLI273-12.7-192	273	10.75”	12.7	0.5”	192	7.56”	333	13.11”	245	9.65”
XLI301-14.2-220	301.6	11.87”	14.2	0.56”	220	8.66”	361	14.21”	270	10.63”
XLI323-14.2-240	323.9	12.75”	14.2	0.56”	240	9.45”	383	15.08”	291	11.62”
XLI339-14.2-255	339.7	13.37”	14.2	0.56”	255	10.04”	399	15.71”	308	12.13”
XLI355-14.2-270	355.6	14”	14.2	0.56”	270	10.63”	415	16.34”	324	12.76”
XLI406-16-318	406.4	16”	16	0.63”	318	12.52”	466	18.35”	370	14.57”
XLI457-16-360	457.2	18”	16	0.63”	369	14.53”	517	20.35”	420	16.54”
XLI508-16-422	508	20”	16	0.63”	422	16.61”	565	22.24”	471	18.54”
XLI559-16-470	558.8	22”	16	0.63”	470	18.50”	619	24.37”	521	20.51”
XLI610-16-502	609.6	24”	16	0.63”	502	19.76”	670	26.38”	572	22.52”
XLI660-16-545	660.4	26”	16	0.63”	545	21.46”	720	28.35”	615	24.21”
XLI711-16-610	711.2	28”	16	0.63”	610	24.02”	771	30.35”	675	26.76”
XLI762-20-655	762	30”	20	0.79”	655	25.79”	822	32.36”	715	28.15”
XLI813-20-700	812.8	32”	20	0.79”	700	27.56”	873	34.37”	766	30.16”
XLI863-20-750	863.6	34”	20	0.79”	750	29.53”	923	36.34”	815	32.09”
XLI914-20-800	914.4	36”	20	0.79”	800	31.50”	974	38.35”	866	34.09”
XLI1016-20-880*	1 016	40”	20	0.79”	880	34.65”	1 076	42.36”	966	38.09”
XLI1220-20-1080*	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.