

# WATER-POWERED DRILLING

## TECHNICAL SPECIFICATION: W-REX



When drilling down casing, either for foundation work, as piles, or as part of a well when sealing of the overburden, the Wassara designed W-Rex Ring bit system is the system to use.

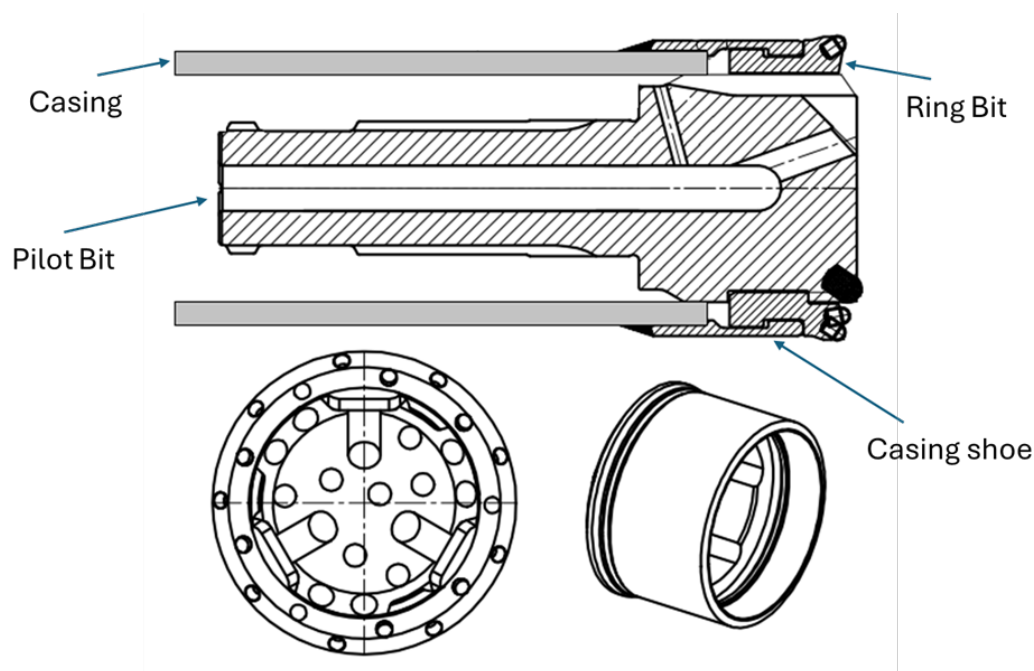
With a pilot bit that is made of quality parts to ensure long service life and a ring set that should reach the depth target with concern taken to the inserts as well as design of the coupling between the casing shoe and the ring bit.

When drilling down a casing that is to be used as a pile the system is not designed for drill trough with the same size hammer. If one needs to drill through a smaller hammer size need to be used. Here W-Rex Pile should be used.

When used for wells, water wells or Geo energy hole it is needed to continue through the ring bit with the same hammer size, W-Rex Well should be used.

Common for the W-Rex ring bit system is that they are designed to match dimensions of the Wassara water powered hammers. Here the pilot shank matches the piston in the hammer which creates optimal conditions for long and problem free operations.

W-Rex is the preferred casing system for Wassara drilling.



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Part no.	Description	Casing		Pilot bit	Ring bit		Weight
		OD	Wall thickness*	OD	OD	ID (passing)	
Well							
3000266	W-Rex Pilot Bit W100 Well 140	Ø140mm		127,5mm			15,5kg
3000267	W-Rex Ring Bit Set W100 Well 140	Ø140mm	5,5mm		161mm	116mm	5,5kg
Pile							
3000275	W-Rex Pilot Bit W100 Pile 140	Ø140mm		117mm			11,5kg
3000276	W-Rex Ring Bit Set W100 Pile 140	Ø140mm	10mm		161mm	100mm	5,7kg
3000268	W-Rex Pilot Bit W120 Pile 168	Ø168mm		141mm			26kg
3000269	W-Rex Ring Bit Set W120 Pile 168	Ø168mm	12,7mm		188mm	128mm	8kg
3000270	W-Rex Pilot Bit W150 Pile 220	Ø220mm		191mm			57kg
3000271	W-Rex Ring Bit Set W150 Pile 220	Ø220mm	12,7mm		243mm	172mm	14kg
3000272	W-Rex Pilot Bit W200 Pile 273	Ø273mm		241mm			80kg
3000273	W-Rex Ring Bit Set W200 Pile 273	Ø273mm	12,7mm		305mm	222mm	17kg

\*) Max wall thickness