

Innovated for reliable breakthroughs

RR890 pilot bit for raise boring



Minimize downtime and maximize distance

Introducing the RR890 raise boring pilot bit, thoroughly engineered for predictability and giving your raise boring operations a competitive edge. With its advanced and reliable design, the RR890 pilot bit significantly extends service life, allowing for more drilling meters and reduced downtime.

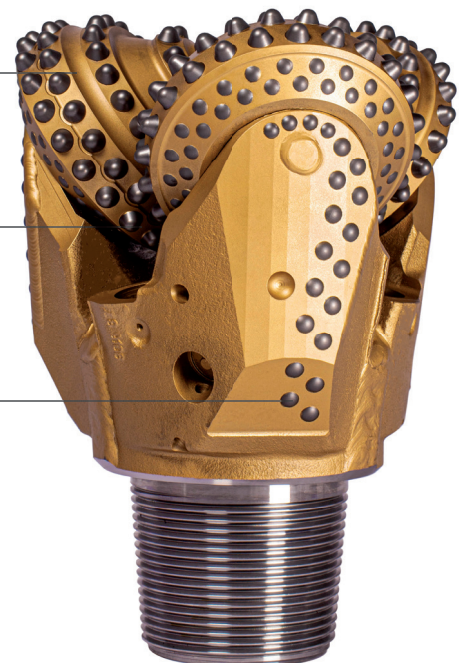
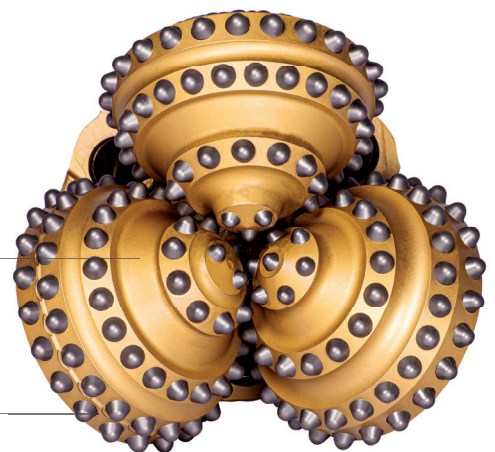
Charger® dual seal journal bearing:
longer bearing hours, higher rig loads and reduced vibrations

PowerCarbide® SH75:
longer inserts life, specially in hard and abrasive rock

CSD (Cutting Structure Design):
more even rock breaking and improved hole coverage

Optimized bearing grease:
absorbs higher loads and temperatures

Leg protection from recycled carbide as standard:
less wear on bit leg and more consistent drilling



One important bit in raising your drilling efficiency

Say goodbye to frequent tripping, unexpected interruptions for bit replacements, and potential safety hazards associated with unnecessary manual handling. Equipped with our industry-proven and patented dual-seal journal bearing system, PowerCarbide® SH75 grades and optimized cutting structure design, this bit increases your drilling distance with at least 30% longer service life.

Through the ability of withstanding higher loads and vibrations, you can easily ramp up rig capacity without compromising on performance or productivity. A dependable and essential bit in streamlining your operations, accelerating project completion, and boosting overall efficiency.

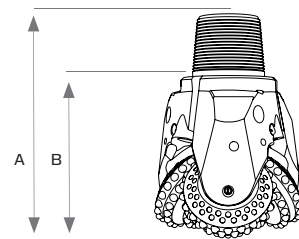
+40%

Increased insert life with PowerCarbide® SH75*

+30%

Longer service life with Charger® dual seal bearing*

Assortment



Part number	Type	Diameter mm/inch	Height A mm	Height B mm	Weight kg/lbs	Max bit load kg/lbs	API thread	Recommended drill speed (rpm)	Unique features
RR890-229-00A	PX	229 mm / 9"	363	238	45 / 100	29665 / 65400	4 1/2"	30-60	
RR890-251-00A	PX	251 mm / 9 7/8"	406	301	63 / 139	32660 / 72000	6 5/8"	30-60	
RR890-279-05A	PX	279 mm / 11"	399	273	75 / 165	36290 / 80000	6 5/8"	30-60	incl nozzle for up drilling
RR890-279-00A	PX	279 mm / 11"	399	273	75 / 165	36290 / 80000	6 5/8"	30-60	
RR890-311-00A	PX	311 mm / 12 1/4"	443	318	103 / 227	40820 / 90000	6 5/8"	30-60	
RR890-349-00A	PX	349 mm / 13 3/4"	494	368	132 / 291	45360 / 100000	6 5/8"	30-60	
RR890-349-05A	PX	349 mm / 13 3/4"	494	368	132 / 291	45360 / 100000	6 5/8"	30-60	incl nozzle for up drilling
RR890-381-00A	PX	381 mm / 15"	533	400	164 / 361	49900 / 110000	7 5/8"	30-60	
RR890-406-00A	PX	406 mm / 16"	533	400	212 / 467	52160 / 115000	7 5/8"	30-60	

*Test results and calculations are to be considered as results reached under certain and controlled conditions.

