



RR340 ROTARY DRILL BIT SINGLE SEAL, SIMPLY WORKS



DESIGNED FOR PERFORMANCE IN CHALLENGING CONDITIONS

Introducing the RR340 premium single sealed roller bearing bit. Designed for challenging ground conditions. You'll get great drilling performance also in wet and abrasive formations of medium or hard rock.

ALL NEW RR340 SINGLE
SEALED ROLLER BEARING

CONE STEEL
PROTECTION

TAILORED CORING
PROTECTION

OPTIONAL
POWERCARBIDE®

CSD* OPTIMIZED
DESIGN

SHIRT TAIL TIP HARD
METAL PROTECTION

A CLOSER LOOK AT THE FEATURES

ALL NEW RR340 SINGLE SEALED ROLLER BEARING
For consistent and long bearing hours in challenging drilling conditions.

TAILORED CORING PROTECTION
Improves wear protection in the nose to reduce coring.

OPTIONAL POWERCARBIDE®
Longer insert life in hard and abrasive rock.

CONE STEEL PROTECTION
Increases cone steel life and limits insert loss and coring.

CSD* OPTIMIZED DESIGN
Improves bottom hole coverage and bit life.

SHIRT TAIL TIP HARD METAL PROTECTION
Increases bearing life and protects from bearing contamination.

*CSD = Cutting Structure Development



THE SINGLE SEAL EFFECT

When drilling for the perfect blast, the new Sandvik RR340 simply works. The innovative single seal roller bearing technology and optional Sandvik PowerCarbide® inserts ensure reliable and efficient drilling with 45% longer service life compared to standard air bearing bits, as well as lower total drilling costs.

WHERE AND WHEN TO USE RR340

- Where air bearing failures occur, with a good cutting structure remaining
- When water is used for dust control
- In presence of ground water
- Abrasive applications
- Autonomous drilling



READY FOR AUTONOMOUS DRILLING

The high durability and long bit life minimize the need for frequent bit changes. This makes RR340 ideal for autonomous drilling operations. Our field tests prove that the RR340 gives increased bearing hours with +25%, meaning less bit changes – a plus both on the safety side and for the environment.

+45% INCREASED SERVICE LIFE



RR340 Single sealed roller bearing bit



Equivalent standard air bearing bit

+25% MORE BEARING HOURS



RR340 Single sealed roller bearing bit



Equivalent standard air bearing bit

466 LESS BIT CHANGES PER YEAR*

* Compared to equivalent standard air bearing bit

865 000 USD IN POTENTIAL COST SAVINGS PER YEAR**

** Compared to equivalent standard air bearing bit and a mine that operates at 1 500 000 drilled meters per year.

RR340 SINGLE SEALED BEARING

Softest Formation Most Aggressive Bit ← → Hardest Formation Least Aggressive Bit

| BIT SIZE | | S04 | S05 | S15 | S20 | S30 | S40 | S47 | S50 | S60 |
|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| inch | mm | | | | | | | | | |
| 6 ¾ | 171 | | | | | X | | | | |
| 7 7/8 | 200 | | | | | X | | | | |
| 9 | 229 | X | X | | | | | X | | |
| 9 7/8 | 251 | | | | | | X | | | X |
| 10 5/8 | 270 | | | | | | | X | | X |
| 12 ¼ | 311 | | | | | | X | | | X |

Note: PowerCarbide® available on selected models and we are continually adding new bit sizes and types to our product line, please consult with your Sandvik representative for the most current offerings.

DISCOVER MORE

ROCKTECHNOLOGY.SANDVIK/RR340



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