

Malleo™ RH570 DTH hammer



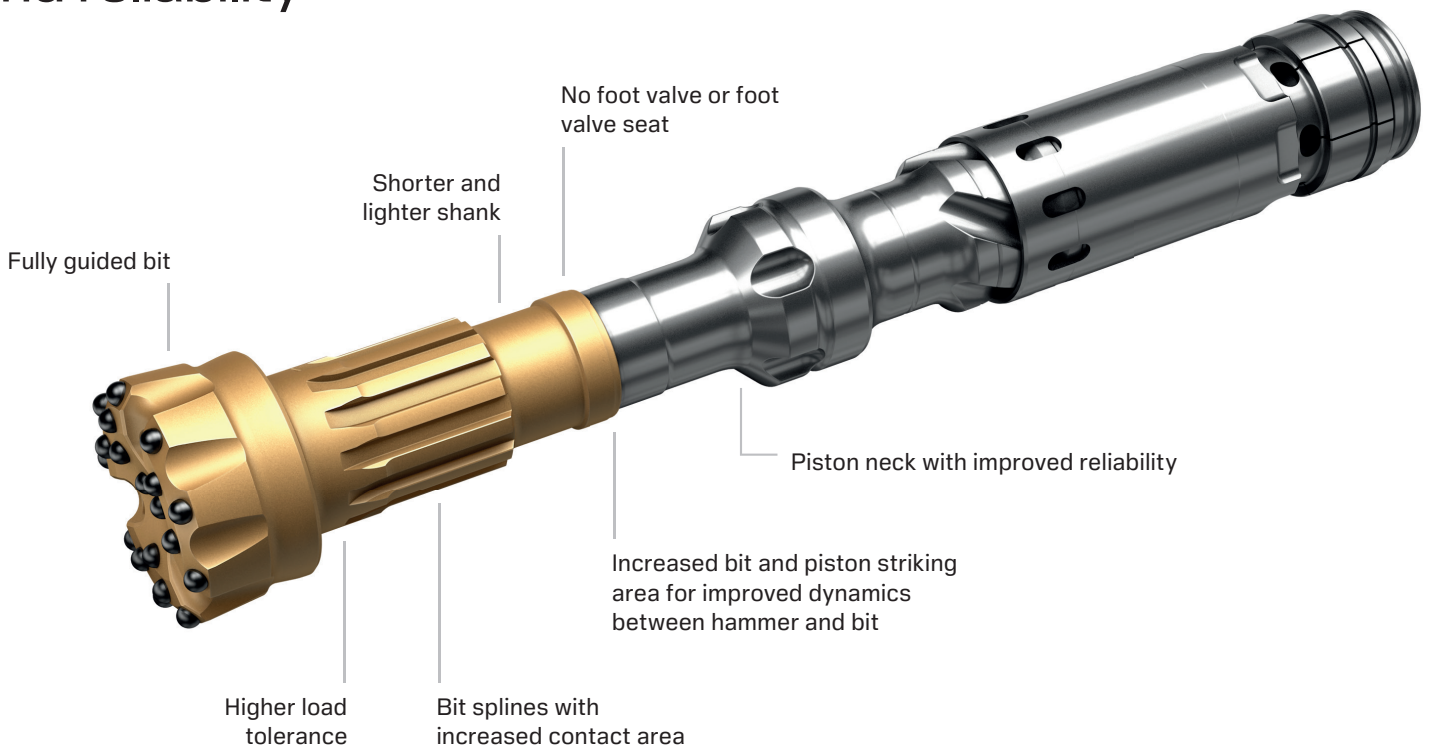
Drilling speed makes all the difference

Malleo™ RH570 DTH hammer addresses the growing demand for higher productivity, greater reliability and increased sustainability in your daily operations.

The optimized energy efficiency of Malleo™ RH570 hammer also supports a lower fuel consumption and reduces the environmental footprint, which makes it an essential drilling tool for a sustainable mining future.

Experience the difference in productivity by faster drilling speed and more drill meters per hour, while still ensuring enhanced durability, minimized downtime and consistent performance.

Design improvements that drives productivity and reliability





Boost your productivity

Malleo™ RH570 hammer is designed for enhanced speed and performance. It meets high productivity demands by delivering an increased rate of penetration for faster and more efficient drilling.

You can achieve your drilling targets, extract more ore in less time, and finalize the job quicker while improving your total drilling economy.

Performance results

Field test in hard rock (copper mine).

RH460 6"	31.2 m/h
Malleo™ RH570 6.5"	35.9 m/h

Field test in soft rock (iron ore mine).

RH510 6"	69 m/h
Malleo™ RH570 6.5"	83 m/h



Optimized load resistance

With improved internal components in both the hammer and the bit – including a completely re-imagined bit shank – Malleo™ RH570 hammer is built for higher load resistance and to perfectly match the increased power of today's drill rig compressors. Fewer interruptions and less troubleshooting ensure consistency and efficiency with minimal downtime and result in significantly improved on-site safety by less operator intervention and time spent in front of the rig.

30%

Reduction in stress at piston striking area

Less air and fuel consumption

Sustainability is no longer an option; it is a necessity. Malleo™ RH570 hammer is engineered for high air efficiency, which reduces fuel consumption and lowers CO₂ emissions. Delivering a better fuel economy supports your operations in meeting the growing demand for sustainable practices while cutting valuable operational costs.

4.5%

Reduced air and fuel consumption



Edgar Halling
Product Manager,
Down-the-hole drilling tools

“Simply put, you want a tool you can count on in terms of productivity, low drilling cost, and reduced environmental impact.”

With our many years of engineering knowledge and field experience, we have designed a fast, reliable and highly productive hammer along with an innovative drill bit to match it. A hammer that truly makes all the difference for modern and sustainable mining.

Resilient PowerCarbide® adds hard value

Sandvik PowerCarbide® represents our most advanced materials technology. This innovative family of cemented carbide grades significantly enhances performance and cost-effectiveness in your daily work. The grades offer unique combinations of strength, hardness, toughness, and wear resistance to optimize your drilling application.

For the new Malleo™ RH570 drill bit, we have used our self-hardening grades, which consist of specific properties throughout the material to further ensure superior wear resistance and reduce premature carbide breakages. The harder you make it work, the better it performs.





Excellent service and support you can rely on

You need high-performing drilling tools for efficient Down-the-hole drilling, but the service and support are equally important to keep your operations running smoothly. Our team of professionals around the globe is eager and willing to share our knowledge and experience to ensure that you find the most suitable, cost-efficient, and sustainable solution for your ground conditions and productivity targets.

Enabling you to work safely is always our top priority. By supplying accessories, support products, and service tools that protect your well-being, we aim to minimize risks and potential hazards.

Malleo™ RH570 hammer size range

Hammer model	Hammer outer diameter (mm)	Bit diameter (mm)
3.5"	85	95–110
4.5"	105	116–152
5.5"	127	140–200
6.5"	150	165–203
9"	210	229–254
9.5" g	220	241–270

Please contact a Sandvik representative for more technical details and information on our DTH hammer and bit assortment.



How can Malleo™ RH570 hammer benefit your business and make a real difference?

Learn more and contact us at rocktechnology.sandvik/malleo