SANDVIK

Down-the-hole drilling tools

2026



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Health and safety information

Routes of exposure

Grinding or heating hardmetal blanks or hardmetal products will produce dust or fumes with dangerous particles that can be inhaled or swallowed, or which might come in contact with the skin or eyes.

Acute toxicity

The dust is toxic by inhalation. Inhalation may cause Irritation and inflammation in the airways. Skin contact can cause irritation and rash. Sensitive people may experience an allergic reaction.

Chronic toxicity

Repeated inhalation of aerosols containing cobalt may cause obstruction in the airways. Prolonged inhalation of increased concentrations may cause lung fibrosis or lung cancer. Cobalt is a potent skin sensitizer. Repeated or prolonged contact can cause sensitization.

Classification

Following hazard classification according to GHS/CLP applies to the hardmetal powder (3 % ≤ Co < 10 %):

— Acute Inhalation 3, H331: Toxic if inhaled
— Carcinogenicity 1B, H350i, May cause cancer by inhalation
— Repr. 2, H361f; Suspected of damaging fertility
— STOT RE 1, H372: Causes damage to lungs through prolonged or repeated exposure through inhalation
— Resp. Sens. 1B, H334 : May cause allergy or asthma symptoms or breathing difficulties if inhaled
— Skin Sens.1, H317: May cause an allergic skin reaction.
— Aquatic Acute 1, H400: Very toxic to aquatic life
— Aquatic Chronic 2, H411: Toxic to aquatic life, with long lasting effects.

Precautionary statements

— Do not breathe the dust
— Wear protective gloves/protective clothing/eye protection
— In case of inadequate ventilation, wear respiratory protection
— Avoid release into the environment

If inhaled and breathing is difficult, please move exposed person to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms, call emergency center immediately.

Operating the hammer

— Only operate the controls while the engine is running
— Proper PPE must be worn when you are operating the drill rig and the hammer
— Before you move the drill rig with the hammer, ensure that no one will be endangered
— Do not go close to the edge of a cliff, an excavation or an overhang
— Maintain control of the drill rig while you operate the hammer. Operating the equipment beyond its design limits can cause damage to people or equipment
— Know the maximum operating dimensions of your drill rig when the hammer is installed
— Ensure that there is adequate clearance between the drill rig and any stationary objects when you are manoeuvring the machine
— Know the appropriate work site hand signals, and the personnel who are authorized to give these hand signals

Prohibited use of machinery

The hammer must only be operated by trained professionals. Never allow operation by anyone who is intoxicated, tired or feeling unwell. Use of the hammerin an explosive atmosphere (gasoline fumes, coal dust, etc.) is strictly prohibited.

Hammer maintenance

Read through the safety procedures in the operator’s manual before assembling or disassembling the hammer. Always keep the hammer in the correct position to avoid heavy parts which can fall from hammer. Use a proper assembly stand to avoid the falling-over or rolling-over of either the hammer or its parts. Always use tongs with jaws that place a uniform load on the outside diameter of the hammer. Never grip the hammer with pipe wrenches or wrenches that can deform and damage it. Always place tongs on the body of the bit, not on the carbides. Do not apply heat of any kind to the piston case in order to remove the driver sub or the top.

Rock Tools: a sustainable choice

Within Rock Tools, we are committed to driving real, meaningful change when it comes to sustainability. With the Our Way Report, we capture our journey, progress, and priorities as we work to support a more sustainable mining industry. The report highlights how we are contributing to Sandvik's overall sustainability goals within three key areas: sustainable solutions, net zero and circularity.



An honest sustainability story

We believe that accountability begins with transparency. That is why we publish the Our Way Report, a clear account of our progress toward a more sustainable business.

It not only outlines the actual results we have achieved - such as reduced emissions, increased recycling rates, and product innovations, but also highlights key initiatives we are driving across the organization to take further steps toward net zero.

The report is both a reflection of where we stand today and a roadmap for what lies ahead. It is our way of turning ambition into measurable action.

Learn more about our sustainability work
and read our full sustainability report online.

Experience the calmness of recycling

Few dispute the fact that we need to change the way we operate to further reduce our impact on the planet. We know that small streams make great rivers – and when working together, we make a difference. With our Rock Tools Recycling Program, we support a secure source of scarce minerals, lower the environmental impact and reduce waste.

Recycling included

Doing the right thing should be easy. That is why our carbide recycling program is now included with all our carbide rock tools. It is completely free – you even get paid for the collected minerals.

Experience the calming effects of recycling, while you know that your worn-out rock tools will be taken care of.

For the future

Carbide rock tools contain tungsten – a scarce and finite mineral expected to run out in 40 to 100 years. With our Recycling Program, we build circularity. It guarantees the production of premium tools that you can use again, and again, and again – today and in the future.



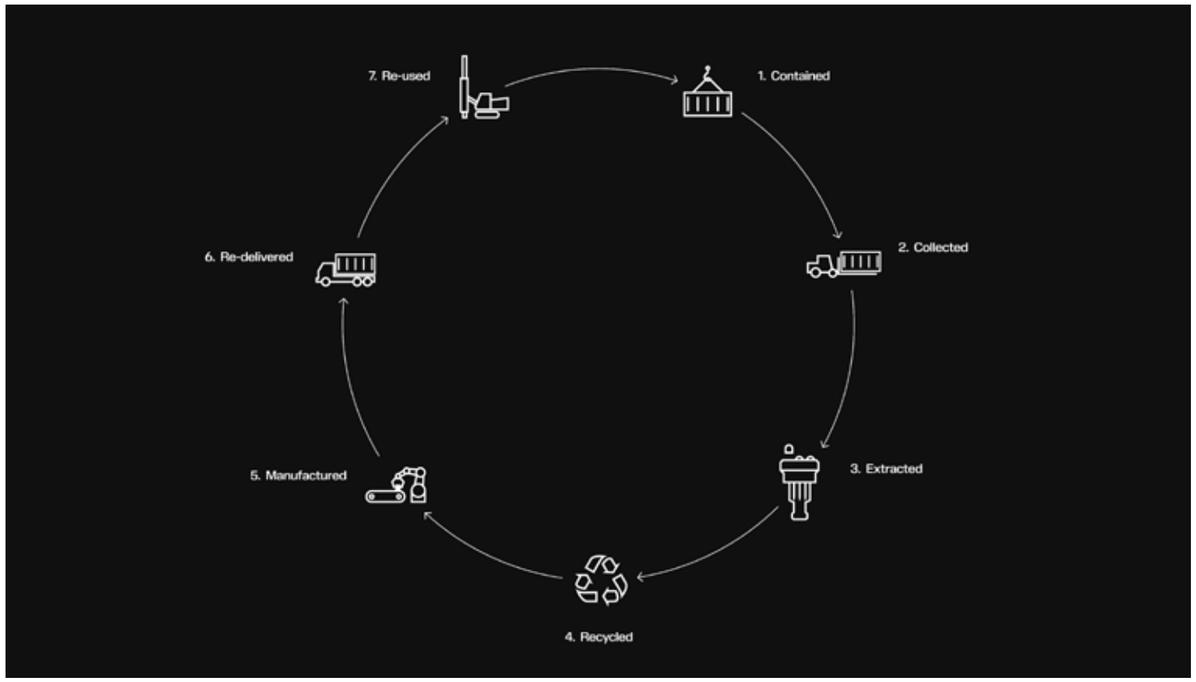
Rock Tools carbide recycling

How does it work?

We provide containers for your site in which you place your worn-out carbide tools. The worn-out tools are regularly collected, and the carbide inserts are removed locally by using our unique local extraction method. The inserts are then transported to our ISO certified factory, where the cemented carbide is recycled and brought back into production of new carbide rock tools.*

This is one important action of making sure that raw materials are used in an efficientand sustainable way, and that our products are recycled when they reach end-of-life.

*Please contact your local Sandvik representative for specific terms and conditions for your local market.





Rock Tools services

Rock Tools Contract Services

Sandvik is a world-leader in the supply of mining and rock excavation tools and equipment. In addition to supplying your operation with the premium brand of rock tools, our range of added services and digital solutions support your drilling operations, everyday – all year round. And we can also take full responsibility for the supply and life cycle management of your tools with our Rock Tools Contract Services. Overall, we do everything we can to ensure you get maximum life, productivity and performance from your rock tools, so that you can achieve the lowest total drilling costs. With Sandvik Rock Tools services, you will never work alone.

- **Environment, health and safety**
- **Inventory management**
- **Product support**
- **Training/product knowledge**
- **Product optimization**
- **Reporting and data analysis**
- **Contract services**

Proper care means maximized uptime

Lubrication

It is extremely important that you provide the DTH hammer with a constant supply of good quality rock drill oil. This provides an air seal to reduce friction and prevent galling, when one hammer part is moving relative to another. Galling is a phenomenon that occurs when two pieces of metal rub against each other in the absence of a lubricant film between them. The excessive friction between these rubbing parts generates heat, which changes the properties of the metal, and which will consequently cause cracks in and breakage of the parts. This, therefore, leads to the loss of valuable production time.

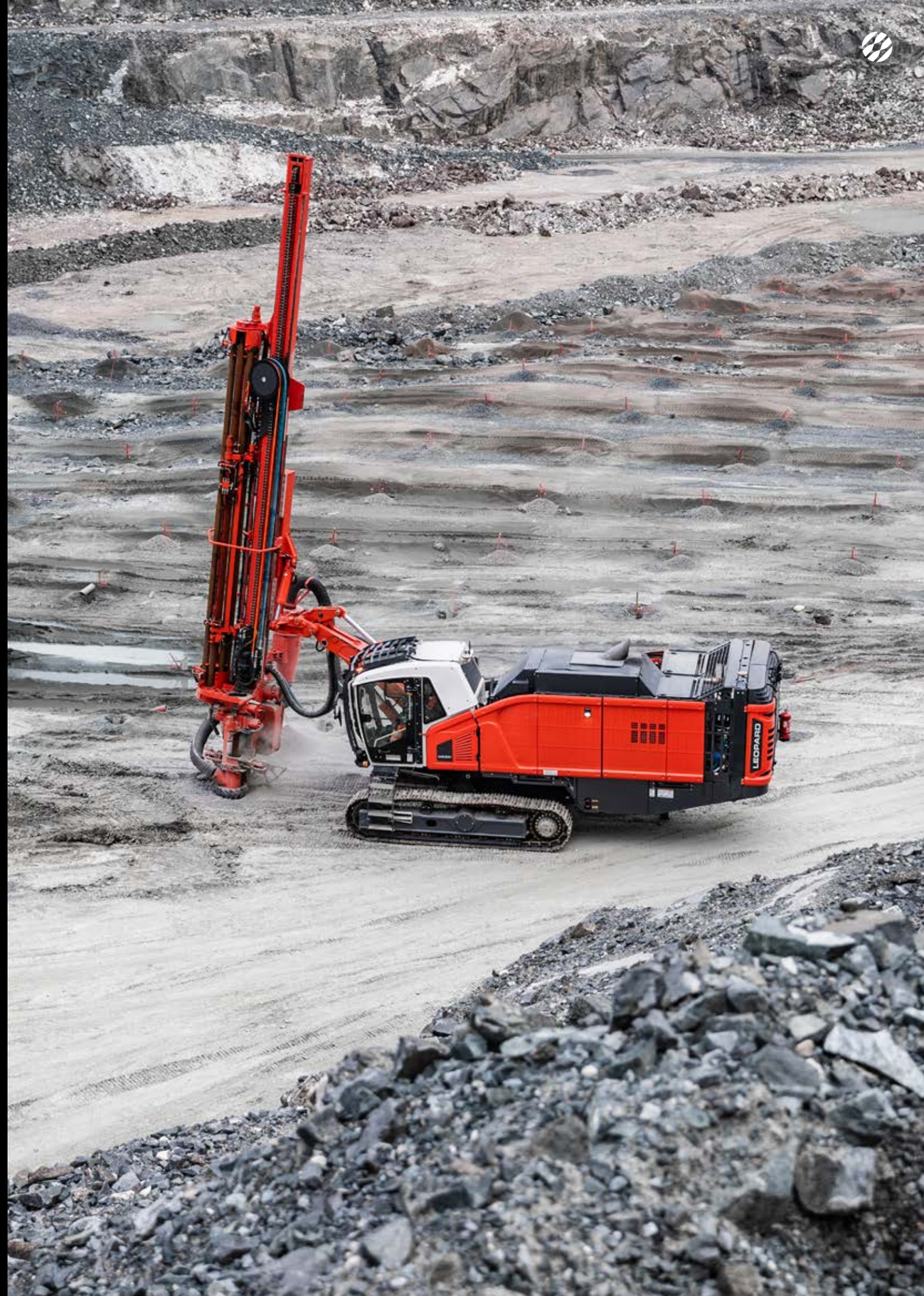
Always make sure that you use the right rock drill oil for the climate and operating conditions at the work site.

Corrosion

Corrosion can, in a simplified way, be defined as the destructive attack on metal through interaction with its environment.

Most environments encountered while drilling are considered to be corrosive, to a greater or lesser degree, to the metal parts of hammers and bits. For example, the fatigue strength of a steel part could be reduced by 100 times in the presence of ordinary tap water. The most devastating type of corrosion encountered in hammers and bits is corrosion pitting, where an extremely localized chemical attack results in holes in the metal. Pitting acts as a stress-raiser, which initiates cracking. Many cracks emanating from these stress sites eventually join together to form a single crack front, which ultimately results in failure of the component through corrosion fatigue.

You can prevent corrosion failures by having a protective barrier between the bit and hammer components, and the environment. This is achieved through proper and diligent use of readily available protective materials, such as rock drill oils and thread lubricants.



Only the best is good enough

For efficient Down-The-Hole (DTH) drilling, you need high performing drilling tools. Tools that increase your productivity and sustainability, while reducing your total operation cost and emissions. Within Sandvik, we offer one of the widest range of DTH hammers and bits on the market – because we want you to have best possible outcome of your DTH drilling.

Choosing the right DTH tools for your specific needs and conditions can be a challenge, but we are here to support you every step of the way. In our extensive DTH range, you find a suitable solution for all ground conditions, and with our knowledge and experience, we guide you through to optimal accuracy and penetration.

Contact us

Find your closest sales office to discover more about what we can do for you!

Hammer families

Malleo™ RH570

Malleo™RH570 hammer is the fastest in the industry. The optimized design and energy efficiency supports a lower fuel consumption and reduces the environmental footprint, while still ensuring enhanced durability, minimized downtime and consistent drilling performance.



RH510

The RH510 hammer, with a ported piston and no foot valve, brings high penetration rates and consistent productivity to your operations.



RH460

The RH460 DTH hammer, with its business standard QL/QLX shank and foot valve, is a reliable and productive hammer that ensures a job well done.



Tundo™ RH700

Tundo™ RH700 cluster hammer is engineered on patented technology to increase productivity and reduce changeovers between slot holes and production drilling for your In-the-hole operations. It is optimized to work seamlessly in a cluster unit for your ITH rig.





Drilling speed makes all the difference

Malleo™ RH570 DTH hammer meets the growing demand for higher productivity, reliability, and sustainability. It delivers the fastest penetration rate and more drilled meters per hour, while maintaining high durability, consistent performance, and minimal downtime.

Equipped with upgraded internal components and a redesigned bit shank, the Malleo™ RH570 hammer handles higher loads and matches the increased power of modern drill rig compressors. Fewer interruptions and less troubleshooting improve safety and keep rigs operating efficiently.

Optimized energy efficiency reduces fuel consumption and environmental impact, supporting more sustainable operations. The result is clear: faster drilling, greater output, and improved overall drilling economy - without compromising safety or sustainability.

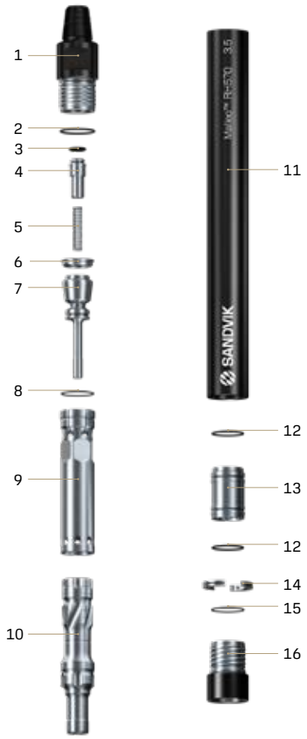
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Malleo™ RH570 3.5 (2 3/8 API)

Complete hammer
RH570 3.5" Hammer 2 3/8 API reg pin
32-5735-SFA-16S

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
28	61.73	85	3.3	888	35	953	37.5	979	38.5

Air consumption, CFM			Air consumption, m³/min (DIN1343)			Power output (kW)
150 psi	250 psi	350 psi	10 bar	18 bar	24 bar	24 bar
159	292	392	4.5	8.3	11.1	20.9



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (single lead thread)			
2 3/8 API reg pin	5.3	11.7	BG02017663
2. O-ring top sub			In seal kit
3. O-ring check valve dart			In seal kit
4. Check valve dart	0.3	0.7	BG01981929
5. Check valve spring	0.04	0.09	BG00876172
6. Make up ring	0.1	0.2	BG00014763
7. Air distributor	1.2	2.6	BG02017390
8. O-ring air distributor			In seal kit
9. Inner cylinder	1.9	4.2	BG01994176
10. Piston	5.3	11.7	BG01867625
11. Piston case	10.1	22.3	BG01865835
12. O-ring guide sleeve			In seal kit
13. Guide sleeve	1.3	2.9	BG00216219
14. Bit retainer ring	0.15	0.3	BG01868771
15. O-ring bit retainer ring			
16. Driver sub (triple lead thread)	1.9	4.2	BG01865721
Seal kit			
1 piece of 2, 3, 8, 15, and 2 of 12	0.01	0.02	BG01872057
Rebuild kit			
1 piece of 1, 11, 16 and seal kit			
2 3/8 API reg pin	17.4	38.4	BG02024417

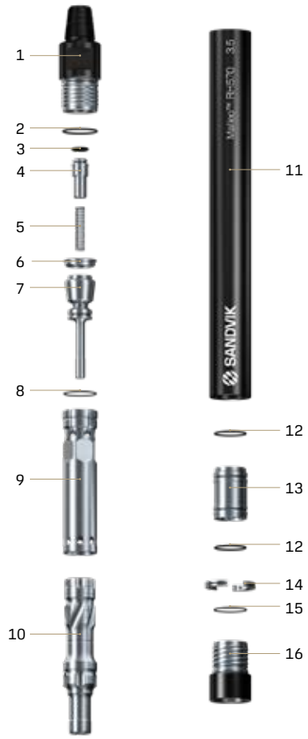
Bit shank	
570-3.5	

Malleo™ RH570 3.5 (#21 Cubex)

Complete hammer
RH570 3.5" Hammer #21 Cubex pin
32-5735-SFA-63S

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
28	61.73	85	3.3	888	35	953	37.5	979	38.5

Air consumption, CFM			Air consumption, m³/min (DIN1343)			Power output (kW)
150 psi	250 psi	350 psi	10 bar	18 bar	24 bar	24 bar
159	292	392	4.5	8.3	11.1	20.9



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (single lead thread)			
#21 Cubex pin	5.3	11.7	BG01869146
2. O-ring top sub			In seal kit
3. O-ring check valve dart			In seal kit
4. Check valve dart	0.3	0.7	BG01981929
5. Check valve spring	0.04	0.09	BG00876172
6. Make up ring	0.1	0.2	BG00014763
7. Air distributor	1.2	2.6	BG02017390
8. O-ring air distributor			In seal kit
9. Inner cylinder	1.9	4.2	BG01994176
10. Piston	5.3	11.7	BG01867625
11. Piston case	10.1	22.3	BG01865835
12. O-ring guide sleeve			In seal kit
13. Guide sleeve	1.3	2.9	BG00216219
14. Bit retainer ring	0.15	0.3	BG01868771
15. O-ring bit retainer ring			
16. Driver sub (triple lead thread)	1.9	4.2	BG01865721
Seal kit			
1 piece of 2, 3, 8, 15, and 2 of 12	0.01	0.02	BG01872057
Rebuild kit			
1 piece of 1, 11, 16 and seal kit			
#21 Cubex pin	17.4	38.4	BG02024421

Bit shank	
570-3.5	

Malleo™ RH570 4.5 (2 3/8 API)

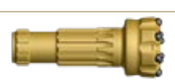
Complete hammer
RH570 4.5" Hammer 2 3/8 API reg pin
32-5745-SFA-16S

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
48.5	106.92	105	4.13	1,019	40.1	1,082	42.6	1,122	44.1

Air consumption, CFM			Air consumption, m³/min (DIN1343)			Power output (kW)
150 psi	250 psi	350 psi	10 bar	18 bar	24 bar	24 bar
237	441	597	6.7	12.5	16.9	29.1



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (single lead thread)			
2 3/8 API reg pin	9.5	20.9	BG00378463
2. O-ring top sub			In seal kit
3. O-ring check valve dart			In seal kit
4. Check valve dart	0.3	0.7	BG00904454
5. Check valve spring	0.04	0.09	BG00876172
6. Make up ring	0.1	0.2	BG00014825
7. Air distributor	2.8	6.2	BG00377566
8. O-ring air distributor			In seal kit
9. Inner cylinder	2.6	5.7	BG00376970
10. Piston	8.6	19.0	BG01508365
11. Piston case	18.9	41.7	BG01928199
12. O-ring guide sleeve			In seal kit
13. Guide sleeve	1.6	3.5	BG01758268
14. Bit retainer ring	0.2	0,4	BG00811287
15. Driver sub (triple lead thread)	3.4	7.5	BG01758146
Seal kit			
1 piece of 2, 3, 8 and 12	0.01	0.02	BG00925938
Rebuild kit			
1 piece of 1, 11, 15 and seal kit			
2 3/8 API reg pin	32.1	70.8	BG02021922

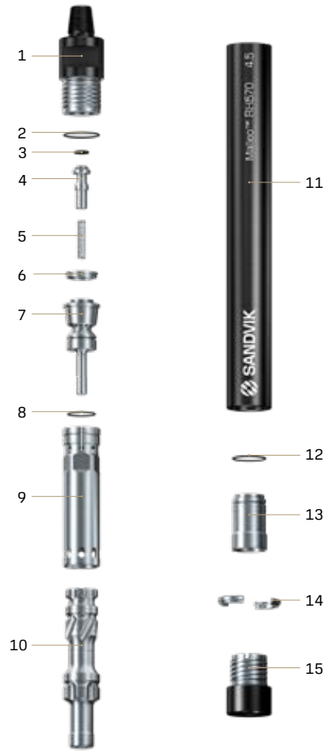
Bit shank	
570-4.5	

Malleo™ RH570 4.5 (#24 Cubex)

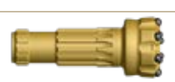
Complete hammer
RH570 4.5" Hammer #24 Cubex pin
32-5745-SFA-77S

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
47.8	105.4	105	4.13	1,019	40.1	1,082	42.6	1,122	44.1

Air consumption, CFM			Air consumption, m³/min (DIN1343)			Power output (kW)
150 psi	250 psi	350 psi	10 bar	18 bar	24 bar	24 bar
237	441	597	6.7	12.5	16.9	29.1



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (single lead thread)			
#24 Cubex pin (auto feed)	8.8	19.4	BG02022078
2. O-ring top sub			In seal kit
3. O-ring check valve dart			In seal kit
4. Check valve dart	0.3	0.7	BG00904454
5. Check valve spring	0.04	0.09	BG00876172
6. Make up ring	0.1	0.2	BG00014825
7. Air distributor	2.8	6.2	BG00377566
8. O-ring air distributor			In seal kit
9. Inner cylinder	2.6	5.7	BG00376970
10. Piston	8.6	19.0	BG01508365
11. Piston case	18.9	41.7	BG01928199
12. O-ring guide sleeve			In seal kit
13. Guide sleeve	1.6	3.5	BG01758268
14. Bit retainer ring	0.2	0,4	BG00811287
15. Driver sub (triple lead thread)	3.4	7.5	BG01758146
Seal kit			
1 piece of 2, 3, 8 and 12	0.01	0.02	BG00925938
Rebuild kit			
1 piece of 1, 11, 15 and seal kit			
#24 Cubex pin	31.4	69.2	BG02022098

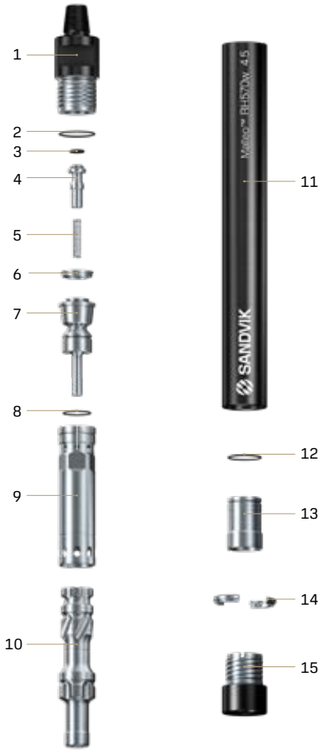
Bit shank	
570-4.5	

Malleo™ RH570w 4.5 (2 3/8 API)

Complete hammer
RH570w 4.5" Hammer 2 3/8 API reg pin
32-5745-WFA-16S

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
48.5	106.9	105	4.1	1,019	40.1	1,082	42.6	1,122	44.2

Air consumption, CFM			Air consumption, m^3/min (DIN1343)			Power output (kW)
350 psi	435 psi	500 psi	24 bar	30 bar	35 bar	35 bar
695.9	812	957	19.2	23.0	27.1	43.3



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (single lead thread)			
2 3/8 API reg pin	9.5	20.9	BG00378463
2. O-ring top sub			In seal kit
3. O-ring check valve dart			In seal kit
4. Check valve dart	0.3	0.7	BG00904454
5. Check valve spring	0.04	0.09	BG00876172
6. Make up ring	0.1	0.2	BG00014825
7. Air distributor	2.8	6.2	BG00978469
8. O-ring air distributor			In seal kit
9. Inner cylinder	2.6	5.7	BG01342304
10. Piston	8.6	18.9	BG01508365
11. Piston case	18.9	41.7	BG00361296
12. O-ring guide sleeve			In seal kit
13. Guide sleeve	1.5	3.3	BG01875974
14. Bit retainer ring	0.2	0.4	BG00811287
15. Driver sub (triple lead thread)	3.4	7.5	BG01758146
Seal kit			
1 piece of 2, 3 and 12	0.01	0.02	BG00925938
Rebuild kit			
1 piece of 1, 11, 15 and seal kit			
2 3/8 API reg pin	32.1	70.8	BG02021922

Bit shank

570-4.5

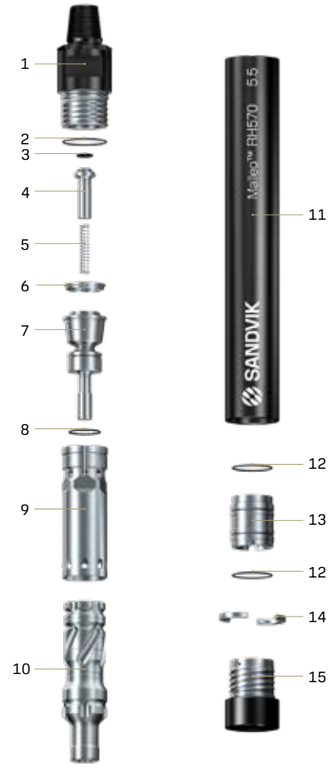


Malleo™ RH570 5.5 (3 1/2 API)

Complete hammer
RH570 5.5" Hammer 3 1/2 API reg pin
32-5755-SFA-04C

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
73.9	162.9	127	5	1,033	40.7	1,113	43.8	1,145	45.1

Air consumption, CFM			Air consumption, m^3/min (DIN1343)			Power output (kW)
150 psi	250 psi	350 psi	10 bar	18 bar	24 bar	24 bar
251	526	756	7.1	14.9	21.4	31.7



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (single lead thread)			
3 1/2 API reg pin	16.6	36.6	BG00419346
2. O-ring top sub			In seal kit
3. O-ring check valve dart			In seal kit
4. Check valve dart	0.5	1.1	BG00906719
5. Check valve spring	0.02	0.04	BG00854876
6. Make up ring	0.2	0.4	BG00014994
7. Air distributor	4.6	10.1	BG00419578
8. O-ring air distributor			In seal kit
9. Inner cylinder	4	8.8	BG00419463
10. Piston	14.8	32.6	BG01750808
11. Piston case	25	55.1	BG01753821
12. O-ring guide sleeve			In seal kit
13. Guide sleeve	2.9	6.4	BG01750810
14. Bit retainer ring	0.2	0.4	BG00817463
15. Driver sub (triple lead thread)	5.2	11.5	BG01752502
Seal kit			
1 piece of 2, 3, 8, and 2 of 12	0.01	0.02	BG01074634
Rebuild kit			
1 piece of 1, 11, 15 and seal kit			
3 1/2 API reg pin	47.1	103.8	BG02021707

Bit shank

570-5.5



Malleo™ RH570 5.5 (2 7/8 API)

Complete hammer
RH570 5.5" Hammer 2 7/8 API reg pin
32-5755-SFA-11C

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
73.7	162.5	127	5	1,033	40.7	1,113	43.8	1,145	45.1

Air consumption, CFM			Air consumption, m^3/min (DIN1343)			Power output (kW)
150 psi	250 psi	350 psi	10 bar	18 bar	24 bar	24 bar
251	526	756	7.1	14.9	21.4	31.7



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1.Top sub (single lead thread)			
2 7/8 API reg pin	16	35.3	BG01273706
2. O-ring top sub			In seal kit
3. O-ring check valve dart			In seal kit
4. Check valve dart	0.5	1.1	BG00906719
5. Check valve spring	0.02	0.04	BG00854876
6. Make up ring	0.2	0.4	BG00014994
7. Air distributor	4.6	10.1	BG00419578
8. O-ring air distributor			In seal kit
9. Inner cylinder	4	8.8	BG00419463
10. Piston	14.8	32.6	BG01750808
11. Piston case	25	55.1	BG01753821
12. O-ring guide sleeve			In seal kit
13. Guide sleeve	2.9	6.4	BG01750810
14. Bit retainer ring	0.2	0.4	BG00817463
15. Driver sub (triple lead thread)	5.2	11.5	BG01752502
Seal kit			
1 piece of 2, 3, 8, and 2 of 12	0.01	0.02	BG01074634
Rebuild kit			
1 piece of 1, 11, 15 and seal kit			
2 7/8 API reg pin	46.5	102.5	BG02021849

Bit shank	
570-5.5	

Malleo™ RH570 5.5 (#24 Cubex)

Complete hammer
RH570 5.5" Hammer #24 Cubex pin
32-5755-SFA-77C

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
70.3	155	127	5	1,033	40.7	1,113	43.8	1,145	45.1

Air consumption, CFM			Air consumption, m^3/min (DIN1343)			Power output (kW)
150 psi	250 psi	350 psi	10 bar	18 bar	24 bar	24 bar
251	526	756	7.1	14.9	21.4	31.7



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (single lead thread)			
#24 Cubex pin	12.5	27.6	BG02022117
2. O-ring top sub			In seal kit
3. O-ring check valve dart			In seal kit
4. Check valve dart	0.5	1.1	BG00906719
5. Check valve spring	0.02	0.04	BG00854876
6. Make up ring	0.2	0.4	BG00014994
7. Air distributor	4.6	10.1	BG00419578
8. O-ring air distributor			In seal kit
9. Inner cylinder	4	8.8	BG00419463
10. Piston	14.8	32.6	BG01750808
11. Piston case	25	55.1	BG01753821
12. O-ring guide sleeve			In seal kit
13. Guide sleeve	2.9	6.4	BG01750810
14. Bit retainer ring	0.2	0.4	BG00817463
15. Driver sub (triple lead thread)	5.2	11.5	BG01752502
Seal kit			
1 piece of 2, 3, 8, and 2 of 12	0.01	0.02	BG01074634
Rebuild kit			
1 piece of 1, 11, 15 and seal kit			
#24 Cubex pin	43	94.8	BG02021721

Bit shank	
570-5.5	

Malleo™ RH570 6.5 (3 1/2 API DLT)

Complete hammer
RH570 6.5" Hammer 3 1/2 API reg pin DLT
32-5765-SFC-04C

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
114	251.3	150.3	5.9	1,133	44.6	1,217	47.9	1,253	49.3

Air consumption, CFM			Air consumption, m^3/min (DIN1343)			Power output (kW)
150 psi	250 psi	350 psi	10 bar	18 bar	24 bar	24 bar
345	613	823	9.8	17.5	23.3	34.5



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (single lead thread)			
3 1/2 API reg pin DLT	27.4	60.4	BG00867633
2. O-ring top sub			In seal kit
3. O-ring check valve dart			In seal kit
4. Check valve dart	0.8	1.8	BG00904397
5. Check valve spring	0.03	0.07	BG00854872
6. Make up ring	0.4	0.9	BG00014865
7. Air distributor	6.4	14.1	BG00386925
8. O-ring air distributor			In seal kit
9. Inner cylinder	5.9	13.0	BG00385028
10. Piston	22.8	50.3	BG01762466
11. Piston case	38.2	84.2	BG02023274
12. O-ring guide sleeve			In seal kit
13. Guide sleeve	4.2	9.3	BG01762367
14. Bit retainer ring	0.4	0.9	BG00694800
15. Driver sub (double lead thread)	7.3	16.1	BG02023275
Seal kit			
1 piece of 2, 3, 8, and 2 of 12	0.01	0.02	BG00874941
Rebuild kit			
1 piece of 1, 11, 15 and seal kit			
3 1/2 API reg pin DLT	72.9	160.7	BG02023281

Bit shank	
570-6.5	

Malleo™ RH570 6.5 (#28 Cubex)

Complete hammer
RH570 6.5" Hammer #28 Cubex pin
32-5765-SFA-56C

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
114	251.3	150.3	5.9	1,133	44.6	1,217	47.9	1,253	49.3

Air consumption, CFM			Air consumption, m^3/min (DIN1343)			Power output (kW)
150 psi	250 psi	350 psi	10 bar	18 bar	24 bar	24 bar
345	613	823	9.8	17.5	23.3	34.5



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (single lead thread)			
#28 Cubex pin (autofeed)	27	59.5	BG01321599
2. O-ring top sub			In seal kit
3. O-ring check valve dart			In seal kit
4. Check valve dart	0.8	1.8	BG00904397
5. Check valve spring	0.03	0.07	BG00854872
6. Make up ring	0.4	0.9	BG00014865
7. Air distributor	6.4	14.1	BG00386925
8. O-ring air distributor			In seal kit
9. Inner cylinder	5.9	13.0	BG00385028
10. Piston	22.8	50.3	BG01762466
11. Piston case	38.2	84.2	BG01762373
12. O-ring guide sleeve			In seal kit
13. Guide sleeve	4.2	9.3	BG01762367
14. Bit retainer ring	0.4	0.9	BG00694800
15. Driver sub (triple lead thread)	7.3	16.1	BG01762048
Seal kit			
1 piece of 2, 3, 8, and 2 of 12	0.01	0.02	BG00874941
Rebuild kit			
1 piece of 1, 11, 15 and seal kit			
#28 Cubex pin (autofeed)	72.9	160.7	BG02021590

Bit shank	
570-6.5	

Malleo™ RH570 6.5 (3 1/2 BECO)

Complete hammer
RH570 6.5" Hammer 3 1/2 BECO pin
32-5765-SFA-55C

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
114	251.3	150.3	5.9	1,133	44.6	1,217	47.9	1,253	49.3

Air consumption, CFM			Air consumption, m^3/min (DIN1343)			Power output (kW)
150 psi	250 psi	350 psi	10 bar	18 bar	24 bar	24 bar
345	613	823	9.8	17.5	23.3	34.5



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (single lead thread)			
3 1/2 BECO pin	28.1	62	BG00872674
2. O-ring top sub			In seal kit
3. O-ring check valve dart			In seal kit
4. Check valve dart	0.8	1.8	BG00904397
5. Check valve spring	0.03	0.07	BG00854872
6. Make up ring	0.4	0.9	BG00014865
7. Air distributor	6.4	14.1	BG00386925
8. O-ring air distributor			In seal kit
9. Inner cylinder	5.9	13.0	BG00385028
10. Piston	22.8	50.3	BG01762466
11. Piston case	38.2	84.2	BG01762373
12. O-ring guide sleeve			In seal kit
13. Guide sleeve	4.2	9.3	BG01762367
14. Bit retainer ring	0.4	0.9	BG00694800
15. Driver sub (triple lead thread)	7.3	16.1	BG01762048
Seal kit			
1 piece of 2, 3, 8, and 2 of 12	0.01	0.02	BG00874941
Rebuild kit			
1 piece of 1, 11, 15 and seal kit			
3 1/2 BECO pin	74	163.1	BG02021676

Bit shank	
570-6.5	

Malleo™ RH570 6.5 (3 1/2 API)

Complete hammer
RH570 6.5" Hammer 3 1/2 API reg pin
32-5765-SFA-04C

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
114	251.33	150.3	5.9	1,133	44.6	1,217	47.9	1,253	49.3

Air consumption, CFM			Air consumption, m^3/min (DIN1343)			Power output (kW)
150 psi	250 psi	350 psi	10 bar	18 bar	24 bar	24 bar
345	613	823	9.8	17.5	23.3	34.5



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (single lead thread)			
3 1/2 API reg pin	27.4	60.4	BG00867633
2. O-ring top sub			In seal kit
3. O-ring check valve dart			In seal kit
4. Check valve dart	0.8	1.8	BG00904397
5. Check valve spring	0.03	0.07	BG00854872
6. Make up ring	0.4	0.9	BG00014865
7. Air distributor	6.4	14.1	BG00386925
8. O-ring air distributor			In seal kit
9. Inner cylinder	5.9	13.0	BG00385028
10. Piston	22.8	50.3	BG01762466
11. Piston case	38.2	84.2	BG01762373
12. O-ring guide sleeve			In seal kit
13. Guide sleeve	4.2	9.3	BG01762367
14. Bit retainer ring	0.4	0.9	BG00694800
15. Driver sub (triple lead thread)	7.3	16.1	BG01762048
Seal kit			
1 piece of 2, 3, 8, and 2 of 12	0.01	0.02	BG00874941
Rebuild kit			
1 piece of 1, 11, 15 and seal kit			
3 1/2 API reg pin	72.9	160.72	BG02021549

Bit shank	
570-6.5	

Malleo™ RH570 8.5 (4 1/2 BECO)

Complete hammer
RH570 8.5" Hammer 4 1/2 BECO pin
32-5785-SFA-72C

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
238	524.7	196	7.7	1,357	53.4	1,457	57.4	1,500	59.1

Air consumption, CFM			Air consumption, m^3/min (DIN1343)			Power output (kW)
150 psi	250 psi	350 psi	10 bar	18 bar	24 bar	24 bar
353	853	1,229	10	24.1	34.8	51.7



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (single lead thread)			
4 1/2 BECO	44.5	98.1	BG02263850
2. O-ring top sub			In seal kit
3. Check valve dart	0.9	2	BG00321984
4. Check valve spring	0.1	0.2	BG00652827
5. Make up ring	0.4	0.9	BG00015380
6. Air distributor	10.5	23.2	BG01949349
7. O-ring air distributor			In seal kit
8. Inner cylinder	10.2	22.5	BG01949294
9. Piston	50	110.2	BG01950170
10. Piston case	94.3	208	BG01948043
11. O-ring guide sleeve			In seal kit
13. Guide sleeve	8.8	19.4	BG02025705
14. Bit retainer ring	1.9	4.2	BG02104814
15. Driver sub (triple lead thread)	16.6	36.6	BG01947962
Seal kit			
1 piece of 2, 7, 11 and 2 of 11	0.01	0.02	BG02109011
Rebuild kit			
1 piece of 1, 10, 14 and seal kit			
4 1/2 BECO pin	44.5	98.1	BG02331805

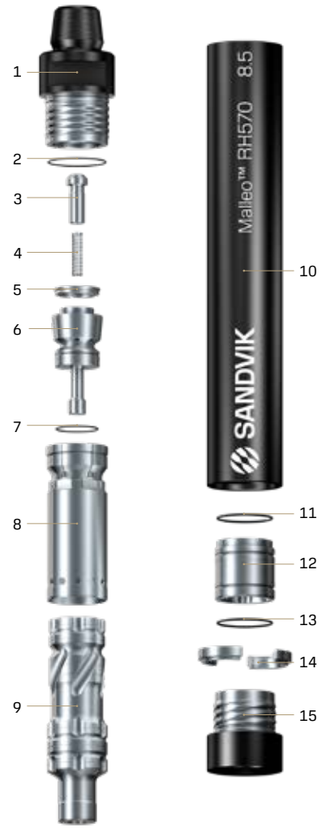
Bit shank	
570-8.5	

Malleo™ RH570 8.5 (5 1/2 BECO)

Complete hammer
RH570 8.5" Hammer 5 1/2 BECO pin
32-5785-SFA-84S

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
243	535.7	196	7.7	1,357	53.4	1,457	57.4	1,500	59.1

Air consumption, CFM			Air consumption, m^3/min (DIN1343)			Power output (kW)
150 psi	250 psi	350 psi	10 bar	18 bar	24 bar	24 bar
353	853	1,229	10	24.1	34.8	51.7



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (single lead thread)			
4 1/2 BECO	44.5	98.1	BG02263850
2. O-ring top sub			In seal kit
4. Check valve dart	0.9	2	BG00321984
5. Check valve spring	0.1	0.2	BG00652827
6. Make up ring	0.4	0.9	BG00015380
7. Air distributor	10.5	23.2	BG01949349
8. O-ring air distributor			In seal kit
9. Inner cylinder	10.2	22.5	BG01949294
10. Piston	50	110.2	BG01950170
11. Piston case	94.3	208	BG01948043
12. O-ring guide sleeve			In seal kit
13. Guide sleeve	8.8	19.4	BG02025705
14. Bit retainer ring	1.9	4.2	BG02104814
15. Driver sub (triple lead thread)	16.6	36.6	BG01947962
Seal kit			
1 piece of 2, 7, 11 and 2 of 11	0.01	0.02	BG02109011
Rebuild kit			
1 piece of 1, 10, 14 and seal kit			
4 1/2 BECO pin	44.5	98.1	BG02331805

Bit shank	
570-8.5	

Malleo™ RH570 9 (5 1/4 BECO)

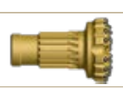
Complete hammer
RH570 9" Hammer 5 1/4 BECO
32-5790-SFA-84S

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
253	557.8	210	8.3	1,266	49.8	1,368	53.9	1,411	55.6

Air consumption, CFM			Air consumption, m³/min (DIN1343)			Power output (kW)
150 psi	250 psi	350 psi	10 bar	18 bar	24 bar	24 bar
590	925	1,148	17.6	26.2	32.5	54.8



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (single lead thread)			
5 1/4 BECO	60	132.3	BG01989429
2. O-ring top sub			In seal kit
3. Check valve dart	0.9	2.0	BG00321984
4. Check valve spring	0.03	0.07	BG00652827
5. Make up ring	0.5	1.1	BG00440285
6. Air distributor	16.2	35.7	BG01989008
7. O-ring air distributor			In seal kit
8. Inner cylinder	11.6	25.6	BG01989002
9. Piston	55	121.3	BG00434983
10. Piston case	77	169.8	BG01865573
11. O-ring guide sleeve			In seal kit
12. Guide sleeve	10.1	22.3	BG01865582
13. Bit retainer ring	1.8	4.0	BG00854834
14. Driver sub (triple lead thread)	19.2	42.3	BG01865410
Seal kit			
1 piece of 2, 7 and 2 of 11	0.01	0.02	BG00875031
Rebuild kit			
1 piece of 1, 10, 14 and seal kit			
5 1/4 BECO	156	343.9	BG02024593

Bit shank	
570-9.5	

Malleo™ RH570g 9.5 (5 1/4 BECO)

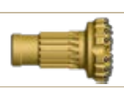
Complete hammer
RH570g 9.5" Hammer 5 1/4 BECO
32-5795-GFA-84S

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
285	628.3	220	8.7	1,267	49.9	1,369	53.9	1,412	55.6

Air consumption, CFM			Air consumption, m³/min (DIN1343)			Power output (kW)
150 psi	250 psi	350 psi	10 bar	18 bar	24 bar	24 bar
622	925	1,148	17.6	26.2	32.5	54.8



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (single lead thread)			
5 1/4 BECO	61.8	136.2	BG02024603
2. O-ring top sub			In seal kit
3. Check valve dart	0.9	2.0	BG00321984
4. Check valve spring	0.03	0.07	BG00652827
5. Make up ring	0.5	1.1	BG00440285
6. Air distributor	16.2	35.7	BG01989008
7. O-ring air distributor			In seal kit
8. Inner cylinder	11.6	25.6	BG01989002
9. Piston	55	121.3	BG00434983
10. Piston case	105	231.5	BG02024599
11. O-ring guide sleeve			In seal kit
12. Guide sleeve	10.1	22.3	BG01865582
13. Bit retainer ring	1.8	4.0	BG00854834
14. Driver sub (triple lead thread)	21.3	47.0	BG02024602
Seal kit			
1 piece of 2, 7, and 2 of 11	0.01	0.02	BG00875031
Rebuild kit			
1 piece of 1, 10, 14 and seal kit			
5 1/4 BECO	188.5	415.6	BG02024604

Bit shank	
570-9.5	


6



Additional value to most drilling applications

Engineered to withstand operating pressures of up to 24 bar (350 psi), the RH510 hammer is a testament to reliability and efficiency. With the absence of a foot valve in the bit, downtime is significantly reduced, and your operations can continue uninterrupted. Its innovative design prioritizes energy efficiency, fuel savings, and overall cost-control.

Key features of the RH510 hammer include:
— Foot valve-less bit shank
— High-performance capabilities
— Streamlined and user-friendly design for ease of operations
— Simplified servicing procedures
— Mirror impact concept

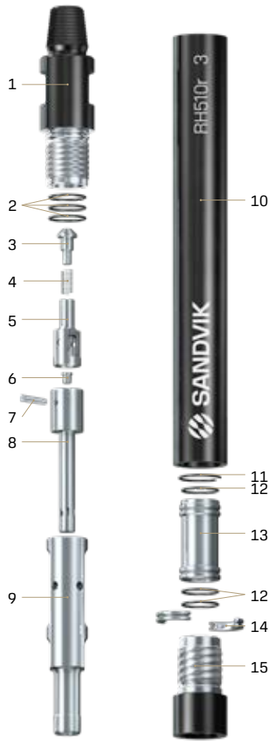
RH510r 3 hammer (2 3/8 API) **50**
RH510r 4 hammer (2 3/8 API) **51**
RH510 5 hammer (3 1/2 API) **52**
RH510g 5 hammer (3 1/2 API) **53**
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RH510r 6 hammer (#28 Cubex) **59**
RH510r 8 hammer (4 1/2 API) **60**
RH510w 8 hammer (4 1/2 API) **61**

RH510r 3 (2 3/8 API)

Complete hammer
RH510r 3" Hammer 2 3/8 API reg pin
32-5130-RMA-16S

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
25	55	81.3	3.2	823	32.4	875	34.4	911	35.9

Air consumption, CFM			Air consumption, m³/min (DIN1343)		
150 psi	250 psi	350 psi	10 bar	18 bar	24 bar
172	304	436	4.9	8.6	12.3



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (triple lead thread)			
2 3/8 API reg pin	5	11	33-3A001/16A
2. O-ring top sub (3) ID and OD			In seal kit
3. Check valve dart	0.3	0.7	25-99006A*
4. Check valve spring	0.02	0.01	22-99071
5. Check valve guide	0.2	0.5	39-3A001
6. Choke set, blank 1/8", 3/16", & 1/4"	0.1	0.2	29-48017A
7. Feed tube retainer pin	0.03	0.1	12-99021
8. Feed tube with blank choke	0.5	1	37-3A001A
9. Piston	3.9	8.5	BG00468603
10. Piston case	10.9	24	BG00468599
11. Piston retainer ring	0.05	0.1	23-99027
12. O-rings – guide sleeve, bit retainer ring			In seal kit
13. Guide sleeve	1	2.2	26-3A010A
14. Bit retainer ring	0.09	0.2	27-3A006A
15. Driver sub (triple lead thread)	2.2	4.8	34-3A006
Seal kit			
3 pieces of 2 and 12	0.3	0.5	38-3A056
Rebuild kit			
1 piece of 1, 10, 15 and seal kit			
2 3/8 API reg pin	18.1	40	BG00478477

Bit shank	
M30	

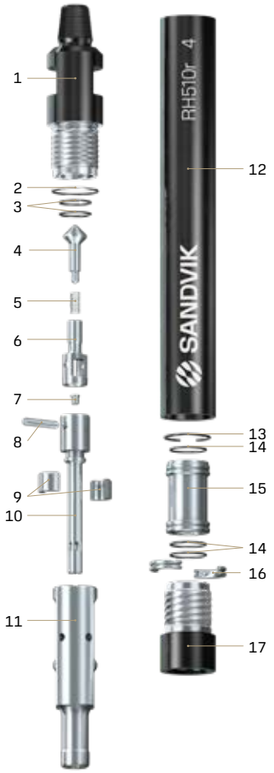
*Delivery also includes a spring with part no 22-99071.

RH510r 4 (2 3/8 API)

Complete hammer
RH510r 4" Hammer 2 3/8 API reg pin
32-5140-RMA-16S

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
38	55	98	3.56	914	36	989	38.9	1,029	40.5

	Air consumption, CFM			Air consumption, m³/min (DIN1343)		
	150 psi	250 psi	350 psi	10 bar	18 bar	24 bar
	180	370	560	5.1	10.5	15.9
Low volume option	151	315	466	4.3	8.9	13.2



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (triple lead thread)			
2 3/8 API reg pin	10	22	33-48001-1/16A
2. O-ring top sub OD (1)			In seal kit
3. O-ring top sub ID (2)			In seal kit
4. Check valve dart	0.3	0.7	25-99001A*
5. Check valve spring	0.02	0.04	22-99071
6. Check valve guide	0.2	0.4	39-48001-1
7. Choke set, blank 1/8", 3/16", & 1/4"	0.1	0.2	29-48017A
8. Feed tube retainer pin	0.03	0.07	12-99014
9. Tuning ring for low volume (optional)	0.2	0.5	56-48552
10. Solid feedtube	0.7	1.5	BG00785560
11. Piston	7	15.4	BG00387202
12. Piston case	15	33	BG00387230
13. Piston retainer ring	0.05	0.1	23-99029
14. O-rings – guide sleeve and bit retainer ring			In seal kit
15. Guide sleeve	1.8	4.0	26-48J10A
16. Bit retainer ring	0.2	0.5	27-48006A
17. Driver sub (triple lead thread)	3.2	7	34-48006
Seal kit			
1 piece of 2, 2 of 3 and 3 of 14	0.3	0.5	38-48056-1
Rebuild kit			
1 piece of 1, 12, 17 and seal kit			
2 3/8 API reg pin	28	62	BG00475620

Bit shank	
M40	

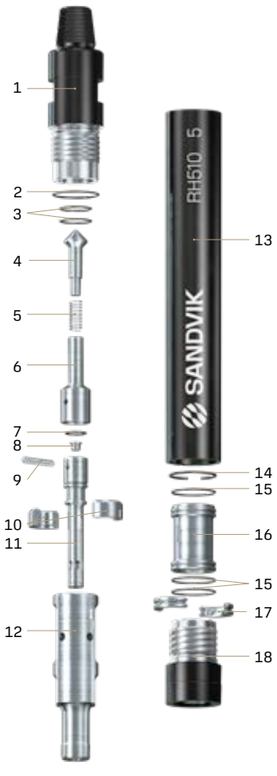
*Delivery also includes a spring with part no 22-99071.

RH510 5 (3 1/2 API)

Complete hammer
RH510 5" Hammer 3 1/2 API reg pin
32-5150-SMA-04S

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
68	145	120	4.7	987	38.9	1,082	42.6	1,122	44.2

	Air consumption, CFM			Air consumption, m³/min (DIN1343)		
	150 psi	250 psi	350 psi	10 bar	18 bar	24 bar
	305	580	855	8.6	16.4	24.2
Low volume option	285	540	790	8.1	15.3	22.4



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (single lead thread)			
3 1/2 API reg pin	10	22	33-58D01/04A
2. O-ring top sub OD (1)			In seal kit
3. O-ring top sub ID (2)			In seal kit
4. Check valve dart	0.3	0.7	25-99002A*
5. Check valve spring	0.02	0.04	BG00348123
6. Check valve guide	0.3	0.7	39-58S01
7. O-ring feed tube			In seal kit
8. Choke set, blank 1/8", 3/16", & 1/4"	0.1	0.3	29-68017A
9. Feed tube retainer pin	0.09	0.2	12-99018
10. Tuning ring for low volume (optional)	0.03	0.07	56-58552
11. Feed tube with blank choke	1	2.2	37-58001A
12. Piston	12	26.4	BG00387748
13. Piston case	27	59.4	BG00473260
14. Piston retainer ring	0.05	0.1	23-99032
15. O-rings – guide sleeve and bit retainer ring			In seal kit
16. Guide sleeve	3	6.6	26-58J10A
17. Bit retainer ring	0.5	1.1	27-58006A
18. Driver sub (double lead thread)	6	13.2	34-58D69
Seal kit			
1 piece of 2 and 7, 2 of 3 and 3 of 15	0.5	1	38-58D56
Rebuild kit			
1 piece of 1, 13, 18 and seal kit			
3 1/2 API reg pin	43	94.6	BG00475763

Bit shank
M50 

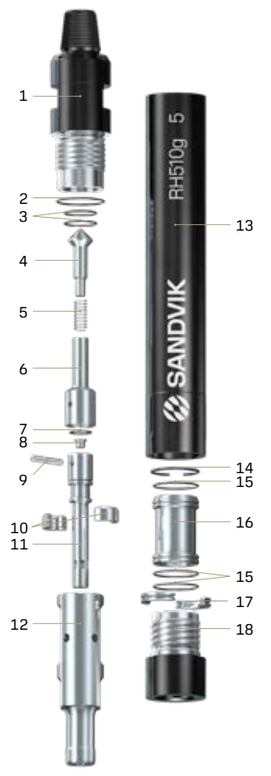
*Delivery also includes a spring with part no BG00348123.

RH510g 5 (3 1/2 API)

Complete hammer
RH510g 5" Hammer 3 1/2 API reg pin
32-5155-GMA-04C

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
73	160	126	5	987	38.9	1,082	42.6	1,122	44.2

	Air consumption, CFM			Air consumption, m³/min (DIN1343)		
	150 psi	250 psi	350 psi	10 bar	18 bar	24 bar
	305	580	855	8.6	16.4	24.2
Low volume option	285	540	790	8.1	15.3	22.4



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (single lead thread)			
3 1/2 API reg pin	18	39.6	33-58D02/04CA
2. O-ring top sub OD (1)			In seal kit
3. O-ring top sub ID (2)			In seal kit
4. Check valve dart	0.3	0.7	25-99002A*
5. Check valve spring	0.02	0.04	BG00348123
6. Check valve guide	0.3	0.7	39-58S01
7. O-ring feed tube	0.1	0.3	29-68017A
8. Choke set, blank 1/8", 3/16", & 1/4"			In seal kit
9. Feed tube retainer pin	0.09	0.2	12-99018
10. Tuning ring for low volume (optional)	0.03	0.07	56-58552
11. Feed tube with blank choke	1	2.2	37-58001A
12. Piston	12	26.4	BG00387748
13. Piston case	29	63.8	BG00470986
14. Piston retainer ring	0.05	0.1	23-99032
15. O-rings – guide sleeve and bit retainer ring			In seal kit
16. Guide sleeve	3	6.6	26-58J10A
17. Bit retainer ring	0.5	1.1	27-58006A
18. Driver sub (double lead thread)	7	15.4	34-58D70
Seal kit			
1 piece of 2 and 7, 2 of 3, and 3 of 15	0.5	1	38-58D56
Rebuild kit			
1 piece of 1, 13, 18 and seal kit			
3 1/2 API reg pin	54	118.8	BG00475761

Bit shank
M50 

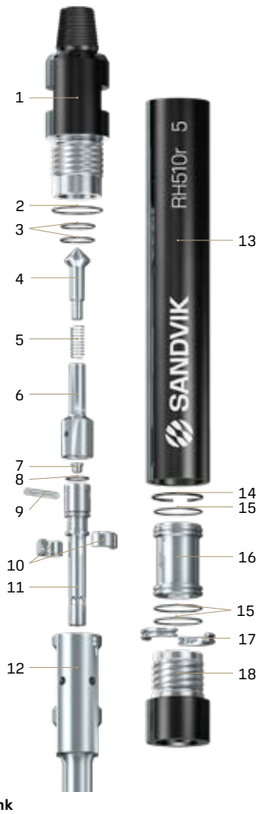
*Delivery also includes a spring with part no BG00348123.

RH510r 5 (3 1/2 API)

Complete hammer
RH510r 5" Hammer 3 1/2 API reg pin
32-5155-RMA-04C

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
73	160	126	5	987	38.9	1,082	42.6	1,122	44.2

	Air consumption, CFM			Air consumption, m³/min (DIN1343)		
	150 psi	250 psi	350 psi	10 bar	18 bar	24 bar
	305	580	855	8.6	16.4	24.2
Low volume option	285	540	790	8.1	15.3	22.4



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (triple lead thread)			
3 1/2 API reg pin	18	39.6	33-58S02/04CA
2. O-ring top sub OD (1)			In seal kit
3. O-ring top sub ID (2)			In seal kit
4. Check valve dart	0.3	0.7	25-99002A*
5. Check valve spring	0.02	0.04	BG00348123
6. Check valve guide	0.3	0.7	39-58S01
7. Choke set, blank 1/8", 3/16", & 1/4"	0.1	0.3	29-68017A
8. O-ring feed tube			In seal kit
9. Feed tube retainer pin	0.09	0.2	12-99018
10. Tuning ring for low volume (optional)	0.03	0.07	56-58552
11. Feed tube with blank choke	1	2.2	37-58001A
12. Piston	12	26.4	BG00387748
13. Piston case	29	63.8	BG00409895
14. Piston retainer ring	0.05	0.1	23-99032
15. O-rings – guide sleeve and bit retainer ring			In seal kit
16. Guide sleeve	3	6.6	26-58J10A
17. Bit retainer ring	0.5	1.1	27-58006A
18. Driver sub (triple lead thread)	7	15.4	34-58070
Seal kit			
1 piece of 2 and 8, 2 of 3 and 3 of 15	0.5	1	38-58D56
Rebuild kit			
1 piece of 1, 13, 18 and seal kit			
3 1/2 API reg pin	54	118.8	BG00475756

Bit shank	
M50	

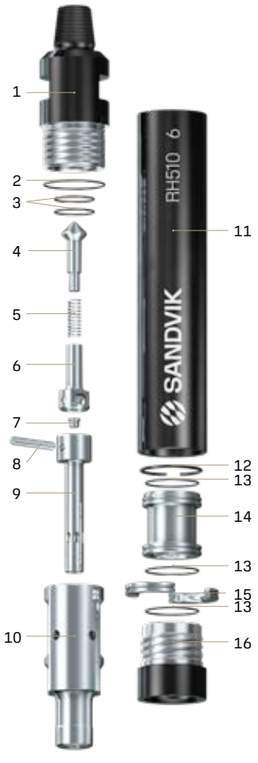
*Delivery also includes a spring with part no BG00348123.

RH510 6 (3 1/2 API)

Complete hammer
RH510 6" Hammer 3 1/2 API reg pin
32-5160-SMA-04S

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
72	158	142	5.6	922	36.3	1,,008	39.7	1,046	41.2

Air consumption, CFM			Air consumption, m³/min (DIN1343)		
150 psi	250 psi	350 psi	10 bar	18 bar	24 bar
343	659	972	9.8	18.7	27.5



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (single lead thread)			
3 1/2 API reg pin	20	44	33-68D08/04A
2. O-ring top sub OD (1)			In seal kit
3. O-ring top sub ID (2)			In seal kit
4. Check valve dart	0.3	0.7	25-99002A*
5. Check valve spring	0.02	0.04	BG00348123
6. Check valve guide	0.3	0.7	39-68001
7. Choke set, blank 1/8", 3/16", & 1/4"	0.1	0.3	29-68017A
8. Feed tube retainer pin	0.2	0.4	12-99013
9. Feed tube with blank choke	1	2.2	37-68601A
10. Piston	18	39.6	BG00210384
11. Piston case	33	72.6	BG00214914
12. Piston retainer ring	0.1	0.2	23-99028
13. O-rings – guide sleeve and bit retainer ring			In seal kit
14. Guide sleeve	4	8.8	26-68J10A
15. Bit retainer ring	1	2.2	27-68006A
16. Driver sub (triple lead thread)	6	13.2	34-68D69
Seal kit			
1 piece of 2, 2 of 3 and 3 of 13	0.3	0.6	38-68656
Rebuild kit			
1 piece of 1, 11, 16 and seal kit			
3 1/2 API reg pin	20	44	BG00474856

Bit shank	
M60	

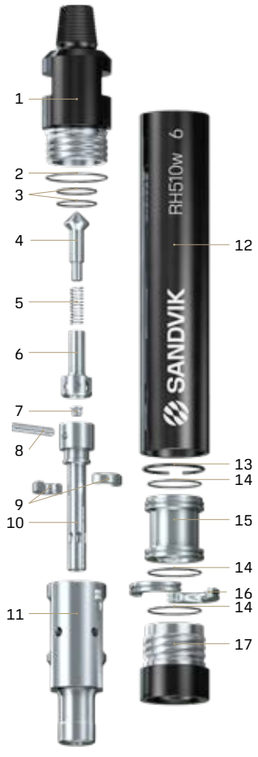
*Delivery also includes a spring with part no BG00348123.

RH510w 6 (3 1/2 API)

Complete hammer
RH510w 6" Hammer 3 1/2 API reg pin
32-5160-WMA-04S

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
72	158	142	5.6	922	36.3	1,008	39.7	1,046	41.2

	Air consumption, CFM			Air consumption, m³/min (DIN1343)		
	150 psi	250 psi	350 psi	10 bar	18 bar	24 bar
	395	759	1,120	11.2	21.5	31.7
Low volume option	345	680	1,000	9.8	19.3	28.3



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (single lead thread)			
3 1/2 API reg pin	20	44	33-68N08/04A
2. O-ring top sub OD (1)			In seal kit
3. O-ring top sub ID (2)			In seal kit
4. Check valve dart	0.3	0.7	25-99002A*
5. Check valve spring	0.02	0.04	BG00348123
6. Check valve guide	0.3	0.7	39-68001
7. Choke set, blank 1/8", 3/16", & 1/4"	0.1	0.3	29-68017A
8. Feed tube retainer pin	0.2	0.4	12-99013
9. Tuning ring for low volume (optional)	0.4	0.9	56-68552
10. Feed tube with blank choke	1	2.2	37-68301A
11. Piston	18	39.6	BG00210384
12. Piston case	33	72.6	BG00214914
13. Piston retainer ring	0.1	0.2	23-99028
14. O-rings – guide sleeve and bit retainer ring			In seal kit
15. Guide sleeve	4	8.8	26-68J10A
16. Bit retainer ring	1	2.2	27-68006A
17. Driver sub (double lead thread)	6	13.2	34-68D69
Seal kit			
1 piece of 2, 2 of 3 and 3 of 14	0.3	0.5	38-68656
Rebuild kit			
1 piece of 1, 12, 17 and seal kit			
3 1/2 API reg pin	20	44	BG00474824

Bit shank	
M60	

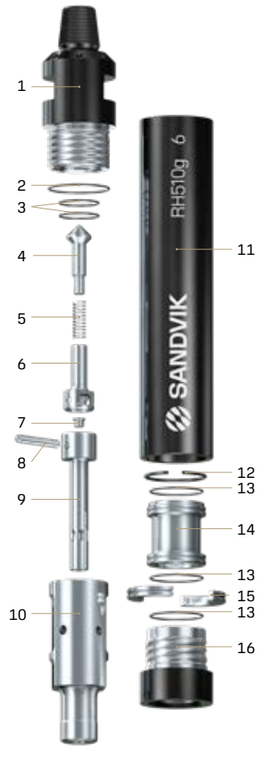
*Delivery also includes a spring with part no BG00348123.

RH510g 6 (3 1/2 API)

Complete hammer
RH510g 6" Hammer 3 1/2 API reg pin
32-5165-GMA-04C

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
82	180	150	5.9	922	36.3	1,008	39.7	1,046	41.2

Air consumption, CFM			Air consumption, m³/min (DIN1343)		
150 psi	250 psi	350 psi	10 bar	18 bar	24 bar
343	659	972	9.8	18.7	27.5



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (single lead thread)			
3 1/2 API reg pin	22	48.4	33-6L009/04CA
2. O-ring top sub OD (1)			In seal kit
3. O-ring top sub ID (2)			In seal kit
4. Check valve dart	0.3	0.7	25-99002A*
5. Check valve spring	0.02	0.04	BG00348123
6. Check valve guide	0.3	0.7	39-68001
7. Choke set, blank 1/8", 3/16", & 1/4"	0.1	0.3	29-68017A
8. Feed tube retainer pin	0.2	0.4	12-99013
9. Feed tube with blank choke	1	2.2	37-68601A
10. Piston	18	39.6	BG00210384
11. Piston case	33	72.6	BG00465129
12. Piston retainer ring	0.1	0.2	23-99028
13. O-rings – guide sleeve and bit retainer ring			In seal kit
14. Guide sleeve	4	8.8	26-68J10A
15. Bit retainer ring	1	2.2	27-68006A
16. Driver sub (double lead thread)	6	13.2	34-6LD70
Seal kit			
1 piece of 2, 2 of 3 and 3 of 13	0.3	0.5	38-68656
Rebuild kit			
1 piece of 1 , 11, 16 and seal kit			
3 1/2 API reg pin	62	136.4	BG00474803

Bit shank	
M60	

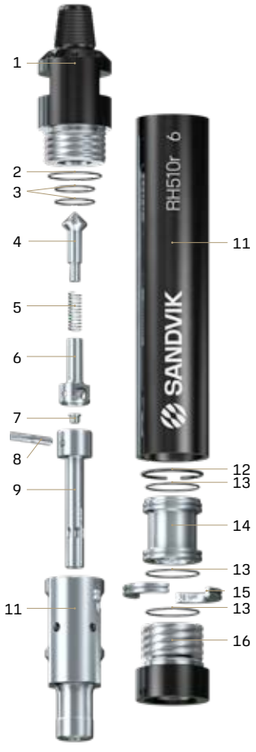
*Delivery also includes a spring with part no BG00348123.

RH510r 6 (3 1/2 API)

Complete hammer
RH510r 6" Hammer 3 1/2 API reg pin
32-5165-RMA-04C

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
82	180	150	5.9	922	36.3	1,008	39.7	1,046	41.2

Air consumption, CFM			Air consumption, m³/min (DIN1343)		
150 psi	250 psi	350 psi	10 bar	18 bar	24 bar
343	659	972	9.8	18.7	27.5



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (triple lead thread)			
3 1/2 API reg pin	22	48.4	33-68602/04CA
2. O-ring top sub OD (1)			In seal kit
3. O-ring top sub ID (2)			In seal kit
4. Check valve dart	0.3	0.7	25-99002A*
5. Check valve spring	0.02	0.04	BG00348123
6. Check valve guide	0.3	0.7	39-68001
7. Choke set, blank 1/8", 3/16", & 1/4"	0.1	0.3	29-68017A
8. Feed tube retainer pin	0.2	0.4	12-99013
9. Feed tube with blank choke	1	2.2	37-68601A
10. Piston	18	39.6	BG00210384
11. Piston case	33	72.6	BG00143988
12. Piston retainer ring	0.1	0.2	23-99028
13. O-rings – guide sleeve and bit retainer ring			In seal kit
14. Guide sleeve	4	8.8	26-68J10A
15. Bit retainer ring	1	2.2	27-68006A
16. Driver sub (triple lead thread)	6	13.2	34-68670
Seal kit			
1 piece of 2, 2 of 3 and 3 of 13	0.3	0.5	38-68656
Rebuild kit			
1 piece of 1, 11, 16 and seal kit			
3 1/2" API reg pin	62	136.4	BG00195819

Bit shank	
M60	

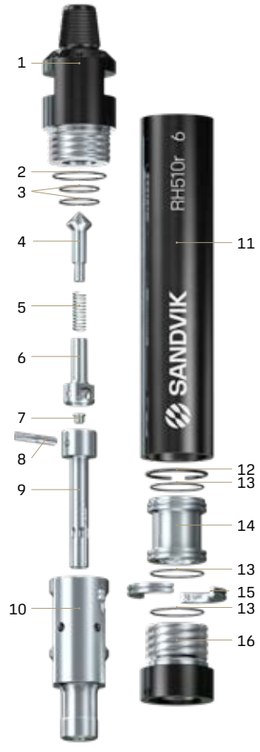
*Delivery also includes a spring with part no BG00348123.

RH510r 6 (#28 Cubex)

Complete hammer
RH510r 6" Hammer #28 Cubex pin
32-5165-RMA-56C

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
82	180	150	5.9	922	36.3	1,008	39.7	1,046	41.2

Air consumption, CFM			Air consumption, m³/min (DIN1343)		
150 psi	250 psi	350 psi	10 bar	18 bar	24 bar
343	659	972	9.8	18.7	27.5



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (triple lead thread)			
#28 Cubex pin	22	48.4	33-68602/56CA
2. O-ring top sub OD (1)			In seal kit
3. O-ring top sub ID (2)			In seal kit
4. Check valve dart	0.3	0.7	25-99002A*
5. Check valve spring	0.02	0.04	BG00348123
6. Check valve guide	0.3	0.7	39-68001
7. Choke set, blank 1/8", 3/16", & 1/4"	0.1	0.3	29-68017A
8. Feed tube retainer pin	0.2	0.4	12-99013
9. Feed tube with blank choke	1	2.2	37-68601A
10. Piston	18	39.6	BG00210384
11. Piston case	33	72.6	BG00143988
12. Piston retainer ring	0.1	0.2	23-99028
13. O-rings – guide sleeve and bit retainer ring			In seal kit
14. Guide sleeve	4	8.8	26-68J10A
15. Bit retainer ring	1	2.2	27-68006A
16. Driver sub (triple lead thread)	6	13.2	34-68670
Seal kit			
1 piece of 2, 2 of 3 and 3 of 13	0.3	0.5	38-68656
Rebuild kit			
1 piece of 1, 11, 16 and seal kit			
#28 Cubex pin	62	136.4	BG00474776

Bit shank	
M60	

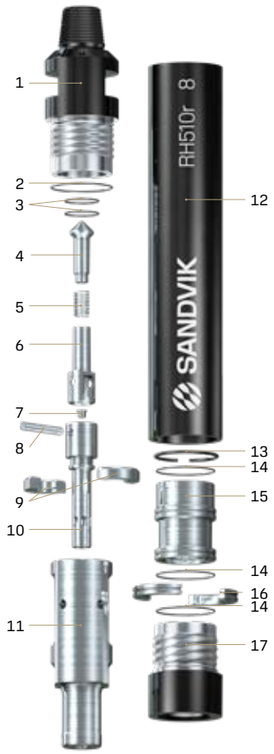
*Delivery also includes a spring with part no BG00348123.

RH510r 8 (4 1/2 API)

Complete hammer
RH510r 8" Hammer 4 1/2 API reg pin
32-5185-RMA-19C

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
173	380	181	7.12	1,219	48	1,310	51.6	1,354	53.3

Air consumption, CFM			Air consumption, m³/min (DIN1343)		
150 psi	250 psi	350 psi	10 bar	18 bar	24 bar
460	850	1,240	13	23.8	35.1
Low volume option	300	560	830	8.1	15.9	23.5



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (single lead thread)			
4 1/2 API reg pin	42	92.4	33-88002/19CA
2. O-ring top sub OD (1)			In seal kit
3. O-ring top sub ID (2)			In seal kit
4. Check valve dart	0.5	1.1	38-11663A*
5. Check valve spring	0.1	0.2	38-1/1235-073
6. Check valve guide	0.7	1.5	39-88001
7. Choke set, blank 1/8", 3/16", & 1/4"	0.1	0.3	29-68017A
8. Feed tube retainer pin	0.2	0.4	12-99016
9. Tuning ring for low volume (optional)	0.8	1.8	56-88552
10. Feed tube with blank choke	2.2	4.8	37-88001A
11. Piston	42	92.4	BG00473429
12. Piston case	56	123.2	BG00473546
13. Piston retainer ring	0.2	0.4	23-99030
14. O-rings – guide sleeve and bit retainer ring			In seal kit
15. Guide sleeve	11	24.2	26-88J10A
16. Bit retainer ring	1.9	4.2	27-88006A
17. Driver sub (single lead thread)	17	37.4	34-88007
Seal kit			
1 piece of 2, 2 of 3 and 3 of 14	0.3	0.6	38-88056
Rebuild kit			
1 piece of 1, 12, 17 and seal kit			
4 1/2" API reg pin	115	253	BG00478483

Bit shank	
M80	

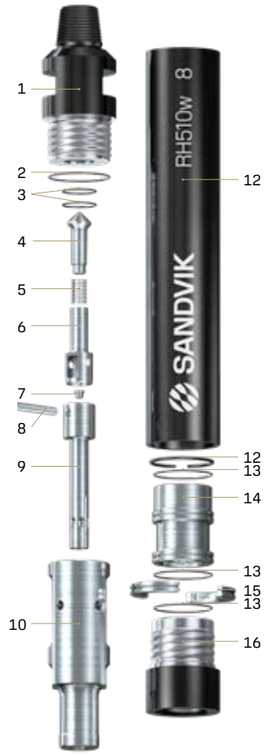
*Delivery also includes a spring with part no 38-1/1235-073.

RH510w 8 (4 1/2 API)

Complete hammer
RH510w 8" Hammer 4 1/2 API reg pin
32-5185-WMA-19S

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
173	380	181	7.1	1,270	50	1,361	53.6	1,405	55.3

Air consumption, CFM			Air consumption, m³/min (DIN1343)		
150 psi	250 psi	350 psi	10 bar	18 bar	24 bar
525	975	1,540	14.9	27.6	43.6



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (single lead thread)			
4 1/2 API reg pin	42	92.4	33-88302/19A
2. O-ring top sub OD (1)			In seal kit
3. O-ring top sub ID (2)			In seal kit
4. Check valve dart	0.5	1.1	38-11663A*
5. Check valve spring	0.1	0.2	38-1/1235-073
6. Check valve guide	0.7	1.5	39-88001
7. Choke set, blank 1/8", 3/16", & 1/4"	0.1	0.3	29-68017A
8. Feed tube retainer pin	0.2	0.4	12-99016
9. Feed tube with choke	2.2	4.8	37-88301A
10. Piston	42	92.4	BG00473429
11. Piston case	56	123.2	BG00473706
12. Piston retainer ring	0.2	0.4	23-99030
13. O-rings – guide sleeve and bit retainer ring			In seal kit
14. Guide sleeve	11	24.2	26-88J10A
15. Bit retainer ring	1.9	4.2	27-88006A
16. Driver sub (single lead thread)	17	37.4	34-88007
Seal kit			
1 piece of 2, 2 of 3 and 3 of 13	0.3	0.6	38-88056
Rebuild kit			
1 piece of 1, 12, 16 and seal kit			
4 1/2 API reg pin	115	253	BG00478484

Bit shank	
M80	

*Delivery also includes a spring with part no 38-1/1235-073.



Reliable performance with a solid design

The Sandvik RH460 hammer series is meticulously refined and holds a well-established reputation for its solid reliability, performance, and productivity across diverse ground conditions. Engineered to operate at 24 bar (350 psi), these hammers are capable of drilling in any direction.

Key features include:
— Utilization of industry-standard shank
— uperior reliability
— Enhanced air cycle optimization

RH460 4 hammer (2 3/8 API) **64**
RH460 4 hammer (#24 Cubex) **65**
RH460 5 hammer (3 1/2 API) **66**
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RH460 8 hammer (4 1/2 API) **72**
RH460g 8 hammer (4 1/2 API) **73**
RH460 8 hammer (4 1/2 BECO) **74**

RH460 4 (2 3/8 API)

Complete hammer
RH460 4" Hammer 2 3/8 API reg pin
32-4640-STA-16S

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
40	88	97.5	3.8	985	38.8	1,075	42.2	1,109	43.7

Air consumption, CFM			Air consumption, m^3/min (DIN1343)			Power output (kW)
150 psi	250 psi	350 psi	10 bar	18 bar	24 bar	24 bar
190	395	565	5.4	11.2	16	25



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (double lead thread)			
2 3/8 API reg pin	8.2	18	BG00014822
2. O-ring check valve dart			In seal kit
3. Check valve dart no choke	0.2	0.5	BG00320005
4. Check valve spring	0.02	0.04	BG00876172
5. Make up ring	0.1	0.2	BG00014825
6. Air distributor	2	4.4	BG00056811
7. O-ring air distributor			In seal kit
8. Inner cylinder	2.1	4.6	BG00110688
9. Piston QLX40	7.7	16.9	BG00242889
10. Piston case	15.4	33.9	BG00050403
11. Piston retainer ring	0.1	0.2	BG00014819
12. Bit retainer ring	0.2	0.4	BG00059039
13. O-ring bit retainer ring			In seal kit
14. Driver sub (double lead thread)	2.8	6.2	BG00058997
Optional			
Choke set, blank, 3 mm, 4.5 mm and 6 mm	0.02	0.04	BG00015430
Check valve dart with choke hole	0.2	0.5	BG00119068
Driver sub hard faced QLX40	2.8	6.2	BG00242001
Seal kit			
1 piece of 2, 7 and 13	0.02	0.04	BG00014848
Rebuild kit			
1 piece of 1, 10, 14 and seal kit			
2 3/8 API reg pin	27	59.4	BG00242267

Bit shank	
QLX40	

RH460 4 (#24 Cubex)

Complete hammer
RH460 4" Hammer #24 Cubex pin
32-4640-STA-77S

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
40	88	97.5	3.8	985	38.8	1,075	42.2	1,109	43.7

Air consumption, CFM			Air consumption, m^3/min (DIN1343)			Power output (kW)
150 psi	250 psi	350 psi	10 bar	18 bar	24 bar	24 bar
190	395	565	5.4	11.2	16	25



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (double lead thread)			
#28 Cubex pin	7.9	17.4	BG00166404
2. O-ring check valve dart			In seal kit
3. Check valve dart no choke	0.2	0.5	BG00320005
4. Check valve spring	0.02	0.04	BG00876172
5. Make up ring	0.1	0.2	BG00014825
6. Air distributor	2	4.4	BG00056811
7. O-ring air distributor			In seal kit
8. Inner cylinder	2.1	4.6	BG00110688
9. Piston QLX40	7.7	16.9	BG00242889
10. Piston case	15.4	33.9	BG00050403
11. Piston retainer ring	0.1	0.2	BG00014819
12. Bit retainer ring	0.2	0.4	BG00059039
13. O-ring bit retainer ring			In seal kit
14. Driver sub (double lead thread)	2.8	6.2	BG00058997
Optional			
Choke set, blank, 3 mm, 4.5 mm and 6 mm	0.02	0.04	BG00015430
Check valve dart with choke hole	0.2	0.5	BG00119068
Driver sub hard faced QLX40	2.8	6.2	BG00242001
Seal kit			
1 piece of 2, 7 and 13	0.02	0.04	BG00014848
Rebuild kit			
1 piece of 1, 10, 14 and seal kit			
2 3/8 API reg pin	27	59.4	BG00242267

Bit shank	
QLX40	

RH460 5 (3 1/2 API)

Complete hammer
RH460 5" Hammer 3 1/2 API reg pin
32-4650-SQA-04S

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
66	145	120	4.7	1,067	42	1,156	45.5	1,185	46.7

Air consumption, CFM			Air consumption, m^3/min (DIN1343)			Power output (kW)
150 psi	250 psi	350 psi	10 bar	18 bar	24 bar	24 bar
275	275	756	7.8	15.4	21.4	32.3



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (double lead thread)			
3 1/2 API reg pin	14.8	32.6	BG00014995
2. O-ring check valve dart			In seal kit
3. Check valve dart no choke	0.5	1	BG00319921
4. Check valve spring	0.03	0.07	BG00854876
5. Make up ring	0.2	0.4	BG00014994
6. Air distributor	3.6	7.9	BG00014996
7. O-ring air distributor			In seal kit
8. Inner cylinder	4.2	9.2	BG00025161
9. Piston	14.3	31.5	BG00062889
10. Piston case	22	48.4	BG00014999
11. Piston retainer ring	0.1	0.2	BG00014998
12. O-ring guide sleeve			In seal kit
13. Guide sleeve	1	2.2	BG00014988
14. Bit retainer ring	0.4	0.9	BG00014989
15. O-ring bit retainer ring			In seal kit
16. Driver sub (double lead thread)	5	11	BG00014993
Optional			
Choke set, blank, 3 mm, 4.5 mm and 6 mm	0.01	0.02	BG00015430
Check valve dart with choke hole	0.4	0.9	BG00014985
Driver sub hard faced	5	11	BG00162923
Seal kit			
1 piece of 2, 7, 15 and 2 of 12	0.02	0.04	BG00014848
Rebuild kit			
1 piece of 1, 10, 16 and seal kit			
3 1/2 API reg pin	41.5	91.3	BG00081790

Bit shank	
QL50	

RH460g 5 (3 1/2 API)

Complete hammer
RH460g 5" Hammer 3 1/2 API reg pin
32-4655-GQA-04C

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
66	145	120	4.7	1,067	42	1,156	45.5	1,185	46.7

Air consumption, CFM			Air consumption, m^3/min (DIN1343)			Power output (kW)
150 psi	250 psi	350 psi	10 bar	18 bar	24 bar	24 bar
275	544	756	7.8	15.4	21.4	32.3



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (double lead thread)			
3 1/2 API reg pin	15.5	34.1	BG00068455
2. O-ring check valve dart			In seal kit
3. Check valve dart no choke	0.5	1	BG00319921
4. Check valve spring	0.03	0.07	BG00854876
5. Make up ring	0.2	0.4	BG00014994
6. Air distributor	3.6	7.9	BG00014996
7. O-ring air distributor			In seal kit
8. Inner cylinder	4.2	9.2	BG00025161
9. Piston	14.3	31.5	BG00062889
10. Piston case	30	66	BG00068439
11. Piston retainer ring	0.1	0.2	BG00014998
12. O-ring guide sleeve			In seal kit
13. Guide sleeve	1	2.2	BG00014988
14. Bit retainer ring	0.4	0.9	BG00014989
15. O-ring bit retainer ring			In seal kit
16. Driver sub hard faced (double lead thread)	5.5	12.1	BG00068435
Optional			
Choke set, blank, 3 mm, 4.5 mm and 6 mm	0.01	0.02	BG00015430
Check valve dart with choke hole	0.4	0.9	BG00014985
Seal kit			
1 piece of 2, 7, 15 and 2 of 12	0.01	0.02	BG00015014
Rebuild kit			
1 piece of 1, 10, 16 and seal kit			
3 1/2 API reg pin	51	112	BG00081817

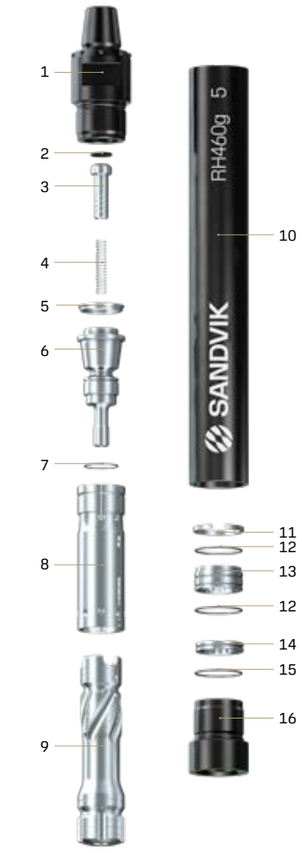
Bit shank	
QL50	

RH460g 5 (#24 Cubex)

Complete hammer
RH460g 5" Hammer #24 Cubex pin
32-4655-GQA-77C

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
66	145	120	4.7	1,067	42	1,156	45.5	1,185	46.7

Air consumption, CFM			Air consumption, m^3/min (DIN1343)			Power output (kW)
150 psi	250 psi	350 psi	10 bar	18 bar	24 bar	24 bar
275	544	756	7.8	15.4	21.4	32.3



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (double lead thread)			
#24 Cubex pin	13.5	29.7	BG00166404
2. O-ring check valve dart			In seal kit
3. Check valve dart no choke	0.5	1	BG00319921
4. Check valve spring	0.03	0.07	BG00854876
5. Make up ring	0.2	0.4	BG00014994
6. Air distributor	3.6	7.9	BG00014996
7. O-ring air distributor			In seal kit
8. Inner cylinder	4.2	9.2	BG00025161
9. Piston	14.3	31.5	BG00062889
10. Piston case	30	66	BG00068439
11. Piston retainer ring	0.1	0.2	BG00014998
12. O-ring guide sleeve			In seal kit
13. Guide sleeve	1	2.2	BG00014988
14. Bit retainer ring	0.4	0.9	BG00014989
15. O-ring bit retainer ring			In seal kit
16. Driver sub hard faced (double lead thread)	5.5	12.1	BG00068435
Optional			
Choke set, blank, 3 mm, 4.5 mm and 6 mm	0.01	0.02	BG00015430
Check valve dart with choke hole	0.4	0.9	BG00014985
Seal kit			
1 piece of 2, 7, 15 and 2 of 12	0.01	0.02	BG00015014
Rebuild kit			
1 piece of 1, 10, 16 and seal kit			
3 1/2 API reg pin	51	112	BG00081817

Bit shank	
QL50	

RH460 6 (3 1/2 API)

Complete hammer
RH460 6" Hammer 3 1/2 API reg pin
32-4660-SQA-04S

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
100	220	142	5.6	1,155	45.5	1,263	49.7	1,304	51.3

Air consumption, CFM			Air consumption, m^3/min (DIN1343)			Power output (kW)
150 psi	250 psi	350 psi	10 bar	18 bar	24 bar	24 bar
307	625	879	8.7	17.7	25	42.4

Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (double lead thread)			
3 1/2 API reg pin	24	52.8	BG00014888
2. O-ring check valve dart			In seal kit
3. Check valve dart no choke	0.7	1.5	BG00321398
4. Check valve spring	0.1	0.2	BG00854872
5. Make up ring	0.4	0.9	BG00014865
6. Air distributor	6.2	13.6	BG00054361
7. O-ring air distributor			In seal kit
8. Inner cylinder	6.4	14.1	BG00123002
9. Piston	21.4	47.1	BG00243084
10. Piston case	32.4	71.3	BG00054318
11. Piston retainer ring	0.1	0.2	BG00055711
12. O-ring guide sleeve			In seal kit
13. Guide sleeve	2.3	5.1	BG00055719
14. Bit retainer ring	0.6	1.3	BG00014871
15. O-ring bit retainer ring			In seal kit
16. Driver sub hard faced (double lead thread)	6.5	14.3	BG00014887
Optional			
Choke set, blank, 3 mm, 4.5 mm and 6 mm	0.01	0.02	BG00081800
Check valve dart with choke hole	0.7	1.5	BG00014869
Driver sub hard faced	6.5	14.3	BG00242302
Seal kit			
1 piece of 2, 7, 15 and 2 of 12	0.01	0.02	BG00015014
Rebuild kit			
1 piece of 1, 10, 16 and seal kit			
3 1/2 API reg pin	63	139	BG00240392

Bit shank	
QL60	

RH460g 6 (3 1/2 API)

Complete hammer
RH460g 6" Hammer 3 1/2 API reg pin
32-4665-GQA-04C

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
117	257	150	5.9	1,155	45.5	1,263	49.7	1,304	51.3

Air consumption, CFM			Air consumption, m^3/min (DIN1343)			Power output (kW)
150 psi	250 psi	350 psi	10 bar	18 bar	24 bar	24 bar
307	625	879	8.7	17.7	25	42.4



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (double lead thread)			
3 1/2 API reg pin	25.4	55.9	BG00224812
2. O-ring check valve dart			In seal kit
3. Check valve dart no choke	0.7	1.5	BG00321398
4. Check valve spring	0.03	0.07	BG00854872
5. Make up ring	0.4	0.9	BG00014865
6. Air distributor	6.2	13.6	BG00054361
7. O-ring air distributor			In seal kit
8. Inner cylinder	6.4	14.1	BG00123002
9. Piston	21.4	47.1	BG00243084
10. Piston case	46.4	102	BG00224808
11. Piston retainer ring	0.1	0.2	BG00055711
12. O-ring guide sleeve			In seal kit
13. Guide sleeve	2.3	5.1	BG00055719
14. Bit retainer ring	0.6	1.3	BG00014871
15. O-ring bit retainer ring			In seal kit
16. Driver sub (double lead thread)	7.2	15.8	BG00224798
Optional			
Choke set, blank, 3 mm, 4.5 mm and 6 mm	0.01	0.02	BG00081800
Check valve dart with choke hole	0.7	1.5	BG00014869
Seal kit			
1 piece of 2, 7, 15 and 2 of 12	0.01	0.02	BG00015014
Rebuild kit			
1 piece of 1, 10, 16 and seal kit			
3 1/2 API reg pin	79	174	BG00240400

Bit shank	
QL60	

RH460g 6 (#28 Cubex)

Complete hammer
RH460g 6" Hammer #28 Cubex pin
32-4665-GQA-56C

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
117	257	150	5.9	1,155	45.5	1,263	49.7	1,304	51.3

Air consumption, CFM			Air consumption, m^3/min (DIN1343)			Power output (kW)
150 psi	250 psi	350 psi	10 bar	18 bar	24 bar	24 bar
307	625	879	8.7	17.7	25	42.4



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (double lead thread)			
#28 Cubex pin	26	57.2	BG00237751
2. O-ring check valve dart			In seal kit
3. Check valve dart no choke	0.7	1.5	BG00321398
4. Check valve spring	0.03	0.07	BG00854872
5. Make up ring	0.4	0.9	BG00014865
6. Air distributor	6.2	13.6	BG00054361
7. O-ring air distributor			In seal kit
8. Inner cylinder	6.4	14.1	BG00123002
9. Piston	21.4	47.1	BG00243084
10. Piston case	46.4	102	BG00224808
11. Piston retainer ring	0.1	0.2	BG00055711
12. O-ring guide sleeve			In seal kit
13. Guide sleeve	2.3	5.1	BG00055719
14. Bit retainer ring	0.6	1.3	BG00014871
15. O-ring bit retainer ring			In seal kit
16. Driver sub (double lead thread)	7.2	15.8	BG00224798
Optional			
Choke set, blank, 3 mm, 4.5 mm and 6 mm	0.01	0.02	BG00081800
Check valve dart with choke hole	0.7	1.5	BG00014869
Seal kit			
1 piece of 2, 7, 15 and 2 of 12	0.01	0.02	BG00015014
Rebuild kit			
1 piece of 1, 10, 16 and seal kit			
3 1/2 API reg pin	79	174	BG00240400

Bit shank	
QL60	

RH460 8 (4 1/2 API)

Complete hammer
RH460 8" Hammer 4 1/2 API reg pin
32-4680-SQA-19S

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
213	469	183	7.20	1,426	56.1	1,566	61.7	1,608	63.3

Air consumption, CFM			Air consumption, m³/min (DIN1343)			Power output (kW)
150 psi	250 psi	350 psi	10 bar	18 bar	24 bar	24 bar
365	852	1,290	10.3	24.1	36.5	50



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (double lead thread)			
4 1/2 API reg pin	55	121	BG00096730
2. Check valve dart no choke	0.8	1.8	BG00321984
3. Check valve spring	0.04	0.09	BG00652827
4. Make up ring	0.4	0.9	BG00015380
5. Air distributor	9.4	20.7	BG00078615
6. O-ring air distributor			In seal kit
7. Inner cylinder	10.5	23.1	BG00057803
8. Piston	50	110	BG00277131
9. Piston case	64	141	BG00057909
10. Piston retainer ring	0.2	0.4	BG00096748
11. Guide sleeve			In seal kit
12. O-ring guide sleeve	3	6.6	BG00096749
13. Bit retainer ring	1.4	3.1	BG00096752
14. Driver sub (double lead thread)	13.6	29.9	BG00096753
Optional			
Choke set, blank, 3 mm, 4.5 mm and 6 mm	0.01	0.02	BG00081800
Check valve dart with choke hole	0.8	1.8	BG00015375
Driver sub hard faced	13.6	29.9	BG00367978
Seal kit			
1 piece of 7 and 12	0.01	0.02	BG00303706
Rebuild kit			
1 piece of 1, 9, 14 and seal kit			
4 1/2 API reg pin	134	295	BG00305733

Bit shank	
QL80	

RH460g 8 (4 1/2 API)

Complete hammer
RH460g 8" Hammer 4 1/2 API reg pin
32-4685-GQA-19C

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
244	537	194	7.6	1,426	56.1	1,566	61.7	1,608	63.3

Air consumption, CFM			Air consumption, m³/min (DIN1343)			Power output (kW)
150 psi	250 psi	350 psi	10 bar	18 bar	24 bar	24 bar
365	852	1,290	10.3	24.1	36.5	50



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (double lead thread)			
4 1/2 API reg pin	57	125	BG00365764
2. Check valve dart no choke	0.8	1.8	BG00321984
3. Check valve spring	0.04	0.09	BG00652827
4. Make up ring	0.4	0.9	BG00015380
5. Air distributor	9.4	20.7	BG00078615
6. O-ring air distributor			In seal kit
7. Inner cylinder	10.5	23.1	BG00057803
8. Piston	50	110	BG00277131
9. Piston case	94.2	207	BG00278268
10. Piston retainer ring	0.2	0.4	BG00096748
11. Guide sleeve	3	6.6	BG00096749
12. O-ring guide sleeve	1.4	3.1	BG00096752
13. Bit retainer ring			In seal kit
14. Driver sub (double lead thread)	15.9	35	BG00303677
Optional			
Choke set, blank, 3 mm, 4.5 mm and 6 mm	0.01	0.02	BG00081800
Check valve dart with choke hole	0.8	1.8	BG00015375
Seal kit			
1 piece of 7 and 12	0.01	0.02	BG00303706
Rebuild kit			
1 piece of 1, 9, 14 and seal kit			
4 1/2 API reg pin	168	370	BG00367721

Bit shank	
QL80	

RH460g 8 (4 1/2 BECO)

Complete hammer
RH460g 8" Hammer 4 1/2 BECO pin
32-4685-GQA-72C

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
244	537	194	7.6	1,426	56.1	1,566	61.7	1,608	63.3

Air consumption, CFM			Air consumption, m³/min (DIN1343)			Power output (kW)
150 psi	250 psi	350 psi	10 bar	18 bar	24 bar	24 bar
365	852	1,290	10.3	24.1	36.5	50



Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. Top sub (double lead thread)			
4 1/2 BECO pin	57	125	BG00278298
2. Check valve dart no choke	0.8	1.8	BG00321984
3. Check valve spring	0.04	0.09	BG00652827
4. Make up ring	0.4	0.9	BG00015380
5. Air distributor	9.4	20.7	BG00078615
6. O-ring air distributor			In seal kit
7. Inner cylinder	10.5	23.1	BG00057803
8. Piston	50	110	BG00277131
9. Piston case	94.2	207	BG00278268
10. Piston retainer ring	0.2	0.4	BG00096748
11. Guide sleeve	3	6.6	BG00096749
12. O-ring guide sleeve	1.4	3.1	BG00096752
13. Bit retainer ring			In seal kit
14. Driver sub (double lead thread)	15.9	35	BG00303677
Optional			
Choke set, blank, 3 mm, 4.5 mm and 6 mm	0.01	0.02	BG00081800
Check valve dart with choke hole	0.8	1.8	BG00015375
Seal kit			
1 piece of 7 and 12	0.01	0.02	BG00303706
Rebuild kit			
1 piece of 1, 9, 14 and seal kit			
4 1/2 API reg pin	168	370	BG00367721

Bit shank	
QL80	





Tundo™ RH700

Equip your ITH long hole drill rig with Tundo™ RH700 cluster unit to handle easy changeovers between production and slot hole drilling in any direction - using the same rig.

The cluster unit houses three powerful Tundo™ RH700 ITH hammers. It comes with a modular design, quick-change of hammer bodies and supporting service equipment that simplify maintenance and reduce downtime. Replaceable wear parts and bushings further extend service life.

Delivering up to 30% faster drilling performance, the cluster unit combines efficiency, durability, and versatility through patented hammer technology and optimized compressed air use.

Tundo™ RH700 6 cluster hammer **66**

Tundo™ RH700 6

Complete hammer
Tundo™ RH700 6" Cluster hammer
BG02005973

Weight		Outside diameter		Hammer length		Hammer length with bit			
						Bit closed		Bit extended	
kg	lb	mm	inch	mm	inch	mm	inch	mm	inch
73.6	162.36	144	5.7	832	32.8	907	35.7	938	36.9

Air consumption, CFM		Air consumption, m^3/min (DIN1343)		Power output (kW)
250 psi	350 psi	18 bar	24 bar	24 bar
520	702	16.1	19.9	31.1



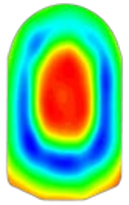
Replacement parts item description	Weight, kg	Weight, lb	Part no.
1. O-ring			AF25010624
2. O-ring			AF25020668
3. Top sub	10.3	22.7	BG01795726
4. O-ring top sub			AF25010667
5. Check valve dart		0.0	25-99002
6. Check valve spring	0.04	0.1	BG00348123
7. Check valve guide	0.6	1.2	BG01060465
8. O-ring check valve guide			AF25010658
9. Piston case assembly	27.9	61.5	BG02005946
10. Piston case (not sold separately)	17.7		BG02004502
11. Inner cylinder (not sold separately)	9.9		BG01060456
12. Piston	17.1	37.7	BG01060455
13. O-ring guide sleeve		0.0	AF25010658
14. Guide bushing	1.2	2.7	BG01378687
15. Piston retainer ring	0.1	0.3	BG01060462
16. Bit retainer ring	0.6	1.3	BG01815505
17. Driver sub assembly	12.3	27.2	BG02245519
18. Driver sub bushing	0.6	1.4	BG01815635
19. Driver sub spacer bushing	0.5	1.0	BG01810323
20. Driver sub bushing	0.6	1.4	BG01806132
21. Driver sub (not sold separately)	10.4	22.8	BG02244865
Seal kit			
1 piece of 2, 7, 11 and 2 of 11	0.01	0.02	BG01845253

Bit shank	
700-6	



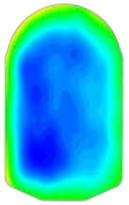
PowerCarbide®

PowerCarbide® is the gathering of our most powerful carbide grades, representing the very best materials technology we have to offer. The innovative PowerCarbide® grades enable the buttons to retain their shape as long as possible. This ensures longer grinding intervals, fewer bit changes and improved safety.



DP® 55 Grade

Dual Property® grades
Dual Property® 55, also called DP® 55, has wear resistance similar to our standard grades but offers greater toughness. It is especially suited to large ballistic inserts, accommodating the higher loads the insert may be exposed to due to a longer protrusion.



SH69 Grade

Self-hardening grades (manufactured from partly recycled cemented carbide)
SH69 is a grade with homogeneous properties throughout the material. It is “self-hardening” as it has the ability to become both more wear resistant and tougher as drilling progresses.

The hardness of the insert surface continuously increases during drilling, which means that the hard top never wears off. The self-hardening effect is greatest in hard and competent ground.



XT48 Grade

XT grades (manufactured from partly recycled cemented carbide)
XT48 is our standard cemented carbide grade for most drilling conditions. It should be your first choice, especially when drilling in rock that is not fully known. Spherical XT48 inserts are optimized to withstand high load and wear.



Toughness **Hardness**



Bit steel for different drilling conditions

When it comes to DTH bits we give you the options to find that perfect match for your drilling conditions.

Rock vary widely in hardness, abrasivity and structure. Some formations are soft and consistent, while others are hard, fractured or highly abrasive. At the same time, drilling conditions also depend on how the rig is operated and the drilling technique used by the operator. All these factors affect how and where a DTH bit wears over time.

To ensure predictable performance and long service life under different conditions, we offer three different steel body specifications, each optimized for certain rock types and wear patterns.

K-spec steel
K-spec features a carburized surface zone with a hard outer layer and a tougher core. This design provides excellent wear resistance, especially in more abrasive formations. The hard surface protects the bit, while the tough core helps absorb impacts.

H-spec steel
H-spec is hardened throughout the entire bit body. This uniform hardness strengthens critical areas such as the bit face, the striking surface and the splines, enhancing wear resistance where it is most needed. H-spec is a good choice when high consistent wear resistance across the whole bit body is required.

Standard steel
Our standard steel bit is a balanced, all-purpose solution that combines toughness and hardness. Based on over 25 years of field experience, it delivers reliable performance across a wide range of drilling conditions and is often the most versatile choice.



Steel hardness

K-spec steel



H-spec steel



Standard steel





Invest in long-term drilling capacity

All drill bits are fitted with our PowerCarbide® or cemented carbide inserts, which provide you with superior life and drilling productivity.

Drill bit bodies make use of precision hardened steel and compound curve body designs to maximize cutting efficiency and cuttings removal. Each bit is uniquely designed to maximize penetration and increase flushing. The Sandvik DTH button bit designs are well known and extensively used around the world. The bits in our new range have an optimized bit head, with maximized steel support for the cemented carbide buttons, face grooves for excellent flushing and an aggressive cutting structure.

Optimized head design
Long wear life, and optimal balance between wear and energy transmission.

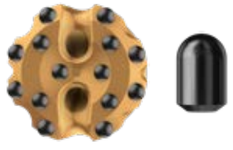
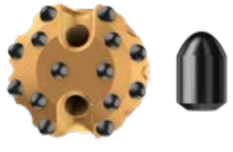
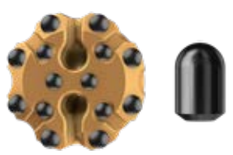
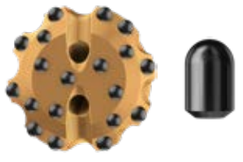
Ballistic or spherical buttons in different carbide grades
Allows you to make the best choice for different rock conditions.

Optimized cutting structure
Gives good penetration and bit life in all rock formations.

DTH bits

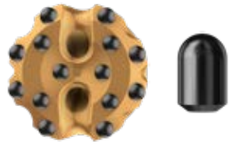
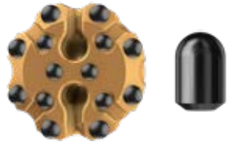
Malleo™ 570-3.5	74
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Malleo™ 570-3.5 shanks

Sandvik Malleo™ RH570	Diameter		Air holes	Gauge buttons	Button dia. mm		Weight		Part No.
	mm	inch			gauge	front	kg	lb	
Malleo™ 570-3.5 bits									
Concave face / Spherical button									
	105	4 1/7	2	8	13	12	5.9	13.1	42-3K13105-S69
Convex face / Ballistic button									
	95	3 3/4	2	8	12	12	5.3	11.7	42-3K51095-R69
	100	4	2	8	13	12	5.5	12.2	42-3K53100-R69
	110	4 1/3	2	8	14	14	6.1	13.5	42-3K5B110-R69
Flat face / Spherical button									
	100	4	2	8	13	12	5.7	12.6	42-3KF3100-S69
	105	4 1/7	2	8	13	13	5.9	13.1	42-3KF4105-S69
Convex face / Spherical button									
	105	4 1/7	2	8	13	13	5.9	13.0	42-3K54105-S69

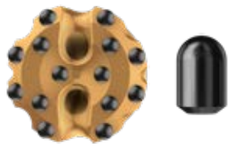
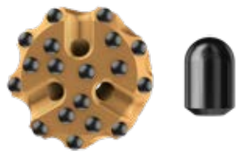
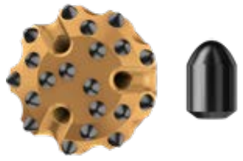
For all the bit pages, a generic bit front design has been used in our catalog.
Please read the specifications of every part number to get more details.

Malleo™ 570-4.5 shanks

Sandvik Malleo™ RH570	Diameter		Air holes	Gauge buttons	Button dia. mm		Weight		Part No.
	mm	inch			gauge	front	kg	lb	
Malleo™ 570-4.5 bits									
Concave face / Spherical button									
	115	4 1/2	2	8	14	13	8.8	19.4	42-4K1A115-S69
	121	4 3/4	2	8	14	13	9.3	20.5	42-4K1A121-S69K
	127	5	2	8	14	13	9.3	20.5	42-4K1A127-S69K
	127	5	2	8	14	13	9.3	20.5	42-4K1A127-S69
	152	6	2	8	16	13	11.9	26.3	42-4K18152-S69
Flat face / Spherical button									
	116	4 4/7	2	8	16	13	9.3	20.5	42-4KW8116-S69K
	140	5 1/2	2	8	16	14	10.7	23.6	42-4KF9140-S69

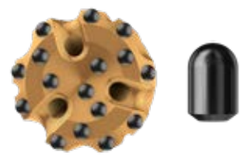
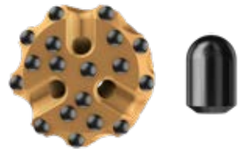
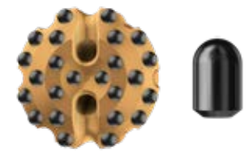
For all the bit pages, a generic bit front design has been used in our catalog.
Please read the specifications of every part number to get more details.

Malleo™ 570-5.5 shanks

Sandvik Malleo™ RH570	Diameter		Air holes	Gauge buttons	Button dia. mm		Weight		Part No.
	mm	inch			gauge	front	kg	lb	
Malleo™ 570-5.5 bits									
Concave face / Spherical button									
	140	5 1/2	2	8	16	14	14.1	31.2	42-5K19140-S69
	165	6 1/2	2	8	18	16	16.1	35.5	42-5K1D165-S69
Flat face / Spherical button									
	140	5 1/2	3	9	16	14	14.3	31.5	42-5K29140-S69
	152	6	3	9	18	16	16.1	35.5	42-5K2D152-S69
Convex face / Ballistic button									
	140	5 1/2	3	9	16	16	14.6	32.2	42-5KLC140-R55

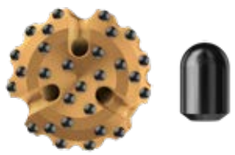
For all the bit pages, a generic bit front design has been used in our catalog.
Please read the specifications of every part number to get more details.

Malleo™ 570-6.5 shanks

Sandvik Malleo™ RH570	Diameter		Air holes	Gauge buttons	Button dia. mm		Weight		Part No.
	mm	inch			gauge	front	kg	lb	
Malleo™ 570-6.5 bits									
Concave face / Spherical button									
	165	6 1/2	3	9	16	16	22.6	49.8	42-6KDC165-S69
	165	6 1/2	3	9	18	18	23.3	51.4	42-6KDE165-S69
	172	6 7/9	3	9	18	18	24.1	53.1	42-6KDE172-S69
Convex face / Spherical button									
	172	6 7/9	3	9	18	18	22.7	50.0	42-6KGE172-S69H
	172	6 7/9	3	9	18	18	24.2	53.3	42-6KGE172-W55
Flat face / Spherical button									
	165	6 1/2	3	9	18	18	23.6	52.0	42-6K2E165-S69
Bulldog / Spherical button									
	165	6 1/2	2	10	18	16	22.2	48.9	42-6KED165-S69
	165	6 1/2	2	10	18	16	22.2	48.9	42-6KED165-S69K
	172	6 7/9	2	10	18	16	24.0	52.8	42-6KED172-S69

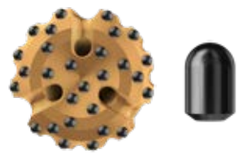
For all the bit pages, a generic bit front design has been used in our catalog.
Please read the specifications of every part number to get more details.

Malleo™ 570-8.5 shanks

Sandvik Malleo™ RH570	Diameter		Air holes	Gauge buttons	Button dia. mm		Weight		Part No.
	mm	inch			gauge	front	kg	lb	
Malleo™ 570-8.5 bits									
Concave face / Spherical button									
	229	9	3	12	20	18	51.1	112.4	42-8K8V229-W65
	229	9	3	12	18	18	50.2	110.7	42-8K8E229-S69
	270	10 1/2	3	12	18	18	68.1	150	42-8K8E270-C69

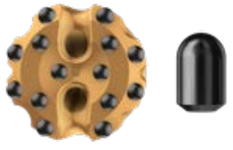
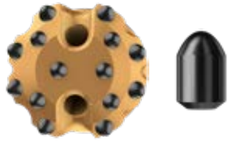
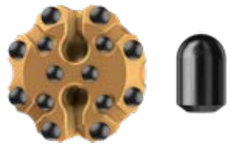
For all the bit pages, a generic bit front design has been used in our catalog.
Please read the specifications of every part number to get more details.

Malleo™ 570-9.5 shanks

Sandvik Malleo™ RH570	Diameter		Air holes	Gauge buttons	Button dia. mm		Weight		Part No.
	mm	inch			gauge	front	kg	lb	
Malleo™ 570-9.5 bits									
Concave face / Spherical button									
	254	10	3	15	22	18	57.7	127.2	42-9KVL254-S55

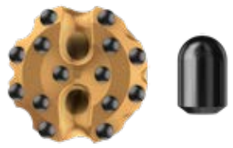
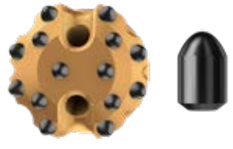
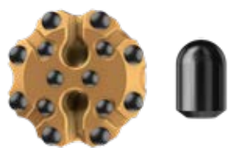
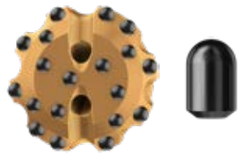
For all the bit pages, a generic bit front design has been used in our catalog.
Please read the specifications of every part number to get more details.

560-3.5 shanks

Sandvik RH560	Diameter		Air holes	Gauge buttons	Button dia. mm		Weight		Part No.
	mm	inch			gauge	front	kg	lb	
560-3.5 bits									
Concave face / Spherical button									
	105	4 1/8	2	8	13	12	7.0	15.4	42-3R13105-S48
Convex face / Ballistic button									
	95	3 3/4	2	8	12	12	6.4	14.1	42-3R51095-R48
	100	3 7/8	2	8	13	12	6.6	14.5	42-3R53100-R48
Flat Face / Spherical button									
	100	3 7/8	2	8	13	12	6.8	15.0	42-3RF3100-S48
	105	4 1/8	2	8	13	13	7,0	15.4	42-3RF4105-S48

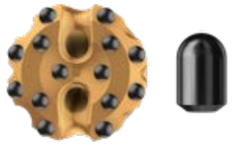
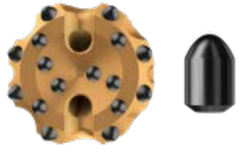
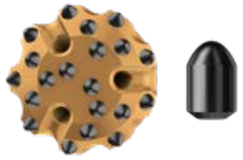
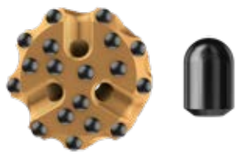
For all the bit pages, a generic bit front design has been used in our catalog.
Please read the specifications of every part number to get more details.

560-4 shanks

Sandvik RH560	Diameter		Air holes	Gauge buttons	Button dia. mm		Weight		Part No.
	mm	inch			gauge	front	kg	lb	
560-4 bits									
Concave face / Spherical button									
	115	4 1/2	2	8	14	13	9.8	21.6	42-4H1A115-S48K
	115	4 1/2	2	8	14	13	9.8	21.6	42-4H1A115-S69
	127	5	2	8	14	13	10.4	22.9	42-4H1A127-S48
Convex face / Ballistic button									
	115	4 1/2	2	8	14	13	9.5	20.9	42-4H5A115-R48
Flat face / Spherical button									
	115	FF	2	8	16	13	9.7	19,1	42-4HW8115-S48K
	115	FF	2	8	16	13	9.7	19,1	72-4HW8115-S69K
	127	5	2	8	14	14	10.3	22.7	42-4HFB127-S48
	140	FF	2	8	16	13	9.9	21.8	42-4HF9140-S48C
Convex face / Spherical button									
	127	5	2	8	14	13	9.1	20.1	42-4H5A127-S48

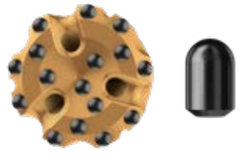
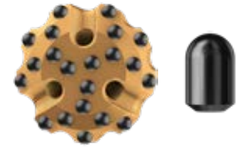
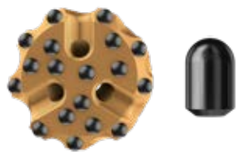
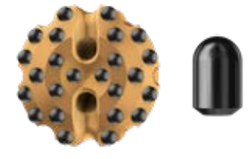
For all the bit pages, a generic bit front design has been used in our catalog.
Please read the specifications of every part number to get more details.

560-5 shanks

Sandvik RH560	Diameter		Air holes	Gauge buttons	Button dia. mm		Weight		Part No.
	mm	inch			gauge	front	kg	lb	
560-4 bits									
Concave face / Spherical button									
	140	5 1/2	2	8	16	14	16.2	35.6	42-5H19140-S48
	140	5 1/2	2	8	16	14	16.2	35.6	42-5H19140-S65
	146	5 3/4	2	8	16	14	16.6	36.5	42-5H19146-S48
	152	6	2	8	18	16	16.8	37.0	42-5H1D152-S48
	165	6 1/2	2	8	18	16	17.9	39.4	42-5H1D165-S48
Concave face / Ballistic button									
	140	5 1/2	2	8	16	14	16.3	35.9	42-5H19140-R55
Convex face / Ballistic button									
	140	5 1/2	3	9	16	16	16.1	35.4	42-5HLC140-R55
	146	5 3/4	3	9	16	16	16.7	36.7	42-5HLC146-R55
Flat face / Spherical button									
	140	5 1/2	3	9	16	14	16.5	36.3	42-5H29140-S48
	152	6	3	9	18	16	17.2	37.8	42-5H2D152-S48

For all the bit pages, a generic bit front design has been used in our catalog.
Please read the specifications of every part number to get more details.

560-6 shanks

Sandvik RH560	Diameter		Air holes	Gauge buttons	Button dia. mm		Weight		Part No.
	mm	inch			gauge	front	kg	lb	
560-6 bits									
Concave face / Spherical button									
	165	6 1/2	3	9	18	18	24.1	53.0	42-63DE165-S48
	165	6 1/2	3	9	16	16	24.5	54.0	42-63DC165-S48
	165	6 1/2	3	9	16	16	24.5	54.0	42-63DC165-S69K
	165	6 1/2	3	9	18	18	24.1	53.0	42-63DE165-S65
Convex face / Spherical button									
	172	6 3/4	3	9	18	18	25.8	56.8	42-63GE172-W55
	190	7 1/2	3	9	18	18	28.8	63.4	42-63GE190-W55
Flat face / Spherical button									
	165	6 1/2	3	9	18	18	25.2	55.4	42-632E165-S48
	172	6 3/4	3	9	18	18	26.0	57.2	42-632E172-S48
	203	8	3	9	18	18	31.4	69.1	42-632E203-S48
Bulldog / Spherical button									
	165	6 1/2	2	10	18	16	25.2	55.4	42-63ED165-S69K
	165	6 1/2	2	10	18	16	25.2	55.4	42-63ED165-S69

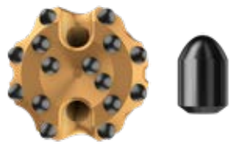
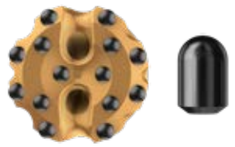
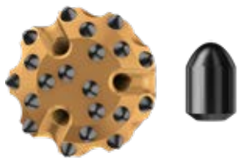
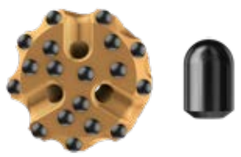
For all the bit pages, a generic bit front design has been used in our catalog.
Please read the specifications of every part number to get more details.

M30 and M40 shanks

Sandvik RH510	Diameter		Air holes	Gauge buttons	Button dia. mm		Weight		Part No.
	mm	inch			gauge	front	kg	lb	
M30									
Convex face / Ballistic button									
	90	3 1/2	2	8	12	12	5.7	12.6	42-3A51090-R48
	95	3 3/4	2	8	12	12	5.8	12.8	42-3A51095-R48
	100	3 7/8	2	8	13	13	6.0	13.2	42-3A54100-R48
	105	4 1/8	2	8	14	14	6.1	13.4	42-3A5B105-R48
Flat face / Spherical button									
	90	3 1/2	2	8	11	11	5.7	12.6	42-3AF0090-S48
	95	3 3/4	2	8	12	12	5.9	13.0	42-3AF1095-S48
	100	3 7/8	2	8	13	13	6.1	13.4	42-3AF4100-S48
	105	4 1/8	2	8	14	14	6.2	13.7	42-3AFB105-S48
M40									
Concave face / Ballistic button									
	115	4 1/2	2	8	14	14	9.1	20.1	42-481B115-R48
	115	4 1/2	2	8	14	14	9.1	20.1	42-481B115-R55
	127	5	2	8	14	14	9.7	21.4	42-481B127-R48
	127	5	2	8	14	14	9.7	21.4	42-481B127-R55
Concave face / Spherical button									
	115	4 1/2	2	8	14	14	9.1	20.1	42-481B115-S48
	115	4 1/2	2	8	14	14	9.1	20.1	42-481B115-S65
	127	5	2	8	14	14	9.7	21.4	42-481B127-S48
	127	5	2	8	14	14	9.7	21.4	42-481B127-S65
	133	5 1/4	2	8	16	13	10.6	23.4	42-4818133-S48
Convex face / Ballistic button									
	110	4 3/8	2	8	14	14	8.7	19.2	42-485B110-R48
	115	4 1/2	2	8	14	14	8.8	19.4	42-485B115-R48
	127	5	2	8	14	14	9.7	21.4	42-485B127-R48
Flat face / Spherical button									
	110	4 3/8	2	8	14	14	8.8	19.4	42-48FB110-S48
	115	4 1/2	2	8	14	14	9.0	19.8	42-48FB115-S48
	127	5	2	8	14	14	9.7	21.4	42-48FB127-S48
	130	5 1/8	2	8	16	14	10.4	22.9	42-48F9130-S48

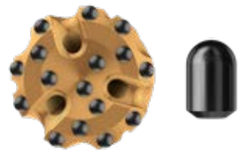
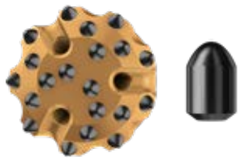
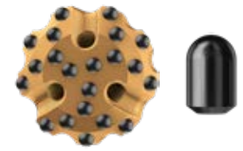
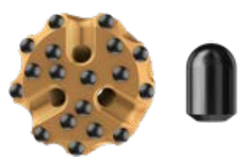
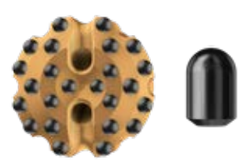
For all the bit pages, a generic bit front design has been used in our catalog.
Please read the specifications of every part number to get more details.

M50 shanks

Sandvik RH510	Diameter		Air holes	Gauge buttons	Button dia. mm		Weight		Part No.
	mm	inch			gauge	front	kg	lb	
M50									
Concave face / Ballistic button									
	140	5 1/2	2	8	16	14	14.8	32.6	42-5819140-R48
	140	5 1/2	2	8	16	14	14.8	32.6	42-5819140-R55
Concave face / Spherical button									
	140	5 1/2	2	8	16	14	14.7	32.4	42-5819140-S48
	140	5 1/2	2	8	16	14	14.7	32.4	42-5819140-S65
	146	5 3/4	2	8	16	14	15.0	33.1	42-5819146-S48
	152	6	2	8	18	16	15.3	33.7	42-581D152-S48
	165	6 1/2	2	8	18	16	16.3	35.9	42-581D165-S48
Convex face / Ballistic button									
	140	5 1/2	3	9	16	16	14.6	32.2	42-58LC140-R48
	140	5 1/2	3	9	16	16	14.6	32.2	42-58LC140-R55
Flat face / Spherical button									
	140	5 1/2	3	9	16	14	15.0	33.0	42-5829140-S48
	152	6	3	9	18	16	15.7	34.6	42-582D152-S48

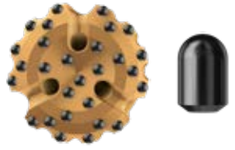
For all the bit pages, a generic bit front design has been used in our catalog.
Please read the specifications of every part number to get more details.

M60 shanks

Sandvik RH510	Diameter		Air holes	Gauge buttons	Button dia. mm		Weight		Part No.
	mm	inch			gauge	front	kg	lb	
M60									
Concave face / Spherical button									
	152	6	2	8	18	18	20.3	44.8	42-681E152-S48
	155	6 1/8	2	8	18	18	20.4	45.0	42-681E155-S48
	155	6 1/8	2	8	18	18	20.4	49.2	42-681E155-S65
	165	6 1/2	3	9	18	18	22.3	49.2	42-68DE165-S48
	165	6 1/2	3	9	18	18	22.3	49.2	42-68DE165-S65
	172	6 3/4	3	9	18	18	22.9	50.5	42-68DE172-S48
	172	6 3/4	3	9	18	18	22.9	50.5	42-68DE172-S65
	203	8	3	9	18	18	28.6	63.1	42-68DE203-S48
Convex face / Ballistic button									
	165	6 1/2	3	9	18	18	21.1	46.5	42-68GE165-R48K
	165	6 1/2	3	9	18	18	22.1	48.7	42-68GE165-R55
	172	6 3/4	3	9	18	18	22.3	49.2	42-68GE172-R48K
	172	6 3/4	3	9	18	18	22.8	50.3	42-68GE172-R55
Convex face / Spherical button									
	172	6 3/4	3	9	18	18	23.4	51.6	42-68GE172-W55
Flat face / Spherical button									
	165	6 1/2	3	9	18	18	22.3	49.2	42-682E165-S48
	165	6 1/2	3	9	18	18	22.3	49.2	42-682E165-S65
	172	6 3/4	3	9	18	18	22.9	50.5	42-682E172-S48
Bulldog / Spherical button									
	165	6 1/2	2	12	18	18/16	21.3	47.0	42-68BV165-S48
	172	6 3/4	2	12	18	18/16	21.9	48.3	42-68BV172-S48

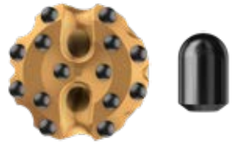
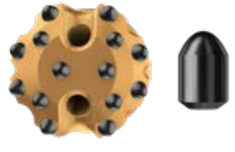
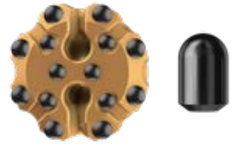
For all the bit pages, a generic bit front design has been used in our catalog.
Please read the specifications of every part number to get more details.

M80 shanks

Sandvik RH510	Diameter		Air holes	Gauge buttons	Button dia. mm		Weight		Part No.
	mm	inch			gauge	front	kg	lb	
M80									
Concave face / Spherical button									
	203	8	3	9	18	18	44.3	97.7	42-88PE203-S48
	222	8 3/4	3	12	18	18	48.3	106.5	42-888E222-S48
	254	10	3	12	18	18	57.9	127.6	42-888E254-S48

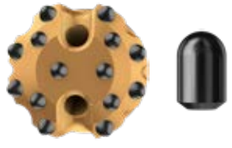
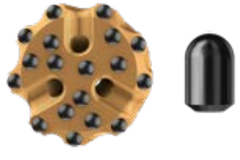
For all the bit pages, a generic bit front design has been used in our catalog.
Please read the specifications of every part number to get more details.

QLX40 shanks

Sandvik RH460	Diameter		Air holes	Gauge buttons	Button dia. mm		Weight		Part No.
	mm	inch			gauge	front	kg	lb	
QLX40									
Concave face / Spherical button									
	115	4 1/2	2	8	14	13	9.3	20.5	42-4G1A115-S48K
	115	4 1/2	2	8	14	13	9.3	20.5	42-4G1A115-S65
	115	4 1/2	2	8	14	13	9.3	20.5	42-4G1A115-S69
	115	4 1/2	2	8	14	13	9.3	20.5	42-4G1A115-S69K
	127	5	2	8	14	13	10.2	22.5	42-4G1A127-S48
	127	5	2	8	14	13	10.2	22.5	42-4G1A127-S48K
Convex face / Ballistic button									
	115	4 1/2	2	8	14	13	9.5	20.9	42-4G5A115-R48
Flat face / Spherical button									
	115	4 1/2	2	8	16	13	9.5	20.9	42-4GF8115-S65
	127	5	2	8	14	13	10.3	22.7	42-4GFA127-S48
Foot valve									
							0.04	0.09	47-4G017

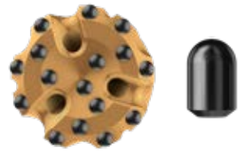
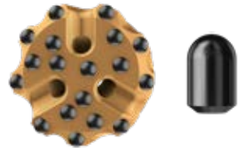
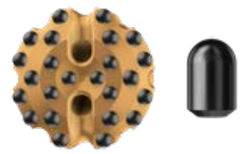
For all the bit pages, a generic bit front design has been used in our catalog.
Please read the specifications of every part number to get more details.

QL50 shanks

Sandvik RH460	Diameter		Air holes	Gauge buttons	Button dia. mm		Weight		Part No.
	mm	inch			gauge	front	kg	lb	
QL50									
Concave face / Spherical button									
	140	5 1/2	2	8	16	14	16.5	36.4	42-5019140-S48
	140	5 1/2	2	8	16	14	16.2	35.7	42-5019140-S65
	140	5 1/2	2	8	16	14	16.5	36.4	42-5019140-S69
	146	5 3/4	2	8	16	14	16.9	37.3	42-5019146-S65
	152	6	2	8	18	16	17.2	37.9	42-501D152-S48
Flat face / Spherical button									
	140	5 1/2	3	9	16	14	16.8	37.0	42-5029140-S48
	146	5 3/4	3	9	16	14	17.2	37.9	42-5029146-S48
Foot valve									
							0.06	0.13	47-50017

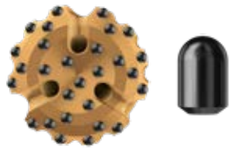
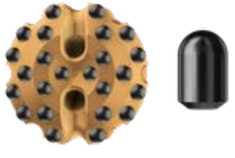
For all the bit pages, a generic bit front design has been used in our catalog.
Please read the specifications of every part number to get more details.

QL60 shanks

Sandvik RH460	Diameter		Air holes	Gauge buttons	Button dia. mm		Weight		Part No.
	mm	inch			gauge	front	kg	lb	
QL60									
Concave face / Spherical button									
	165	6 1/2	3	9	18	18	24.6	54.2	42-76DE165-S48
	165	6 1/2	3	9	18	18	24.6	54.2	42-76DE165-S65
	172	6 3/4	3	9	18	18	25.3	55.8	42-76DE172-S48
	203	8	3	9	18	18	31.5	69.4	42-76DE203-S48
Flat face / Spherical button									
	165	6 1/2	3	9	18	18	23.7	52.2	42-762E165-S48
	165	6 1/2	3	9	18	18	24.1	53.1	42-762E165-S65
Bulldog face / Spherical button									
	165	6 1/2	2	12	18	18/16	23.7	52.2	42-76BV165-S48K
	165	6 1/2	2	10	18	18/16	23.7	52.2	42-76ED165-S69K
	172	6 3/4	2	12	18	18/16	24.4	53.8	42-76BV172-S48K
Foot valve									
							0.09	0.19	47-76017

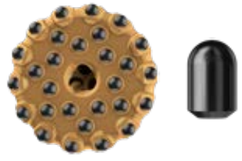
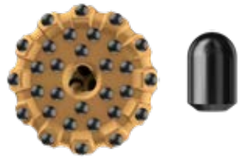
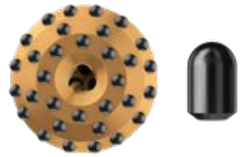
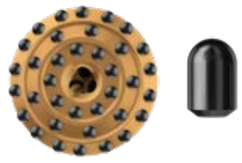
For all the bit pages, a generic bit front design has been used in our catalog.
Please read the specifications of every part number to get more details.

QL80 shanks

Sandvik RH460	Diameter		Air holes	Gauge buttons	Button dia. mm		Weight		Part No.
	mm	inch			gauge	front	kg	lb	
QL80									
Concave face / Spherical button									
	222	8 3/4	3	12	18	18	53.9	118.8	42-838E222-S48
	229	9	3	12	18	18	56.0	123.5	42-838E229-S48
	229	9	3	12	18	18	56.0	123.5	42-838E229-S65
	229	9	3	12	18	18	56.0	123.5	42-838E229-S69
	254	10	3	12	18	18	63.0	138.9	42-838E254-S69
Bulldog face / Spherical button									
	216	8 1/2	2	12	18	18	53.5	117.7	42-83BE216-S69
	254	10	2	12	18	18	56.1	123.4	42-83BE254-S69
Foot valve									
							0.13	0,28	47-83017

For all the bit pages, a generic bit front design has been used in our catalog.
Please read the specifications of every part number to get more details.

Tundo™ 700-6 shanks

Sandvik Tundo™ RH700	Diameter		Air holes	Gauge buttons	Button dia. mm		Weight		Part No.
	mm	inch			gauge	front	kg	lb	
700-6									
Flat / Spherical button									
	203	8	1	14	18	18	26.3	58.0	42-6CKE203-S69
Drop center / Spherical button									
	203	8	1	12	18	18	26.4	58.2	42-6CXE203-S69
Convex / Spherical button									
	203	8	1	16	18	18	27.3	60.2	42-6CUE203-S69H
Convex / Spherical button									
	203	8	1	18	18	18	27.2	60.0	42-6CGE203-S69H

For all the bit pages, a generic bit front design has been used in our catalog.
Please read the specifications of every part number to get more details.

Hole openers





For further information, please contact your nearest Sandvik Mining and Rock Solutions representative for a quote and delivery time.

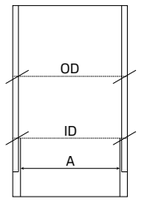


DTH tubex systems



Tubex product range

Tubex type	Casing, recom. size, mm		Min. wall thickness, mm	Max. drill diameter, mm A	Reaming diameter, mm
	Max. OD	Min. ID			
90	115	102	5	90	123
115	142	128	5	115	152
140	171	157	5	140	187
165	196	183	5.5	165	212
180	219	194	6.3	180	232
190	222	205	6.3	190	237
240	273	260	6.3	240	306
280	327	305	7.1	280	370



Tubex	Part	Description	Weight (Kg)	Weight (lbs)	Part no.
XL-90					
	Guide device	DHD3,5 (Foot valve, 47-24017)	7	15,4	80-2400-090D
	Pilot bit	1/8, 12/12, CV, DP® 65	3,6	7,9	81-090B-090A65
	Eccentric reamer		1,4	3	82-090B-123W65
	Casing shoe		1,1	2,4	84-090D-00
	Locking kit		0,5	1	85-090A-KT
XL-115					
	Guide device	DHD340 (Foot valve, 47-36017)	12	26,4	80-3600-115D
	Guide device	QLX40 (Foot valve, 47-4G017)	12	26,4	80-4G00-115D
	Pilot bit	2/8, 14/14, CV, DP® 65	8	17,6	81-115A-115A65
	Eccentric reamer		2,6	5,7	82-115A-152W65
	Casing shoe		1,6	3,5	84-115D-00
	Locking kit		0,5	1	85-115A-KT

Tubex	Part	Description	Weight (Kg)	Weight (lbs)	Part no.
XL-140					
	Guide device	QL50 (Foot valve, 47-55017)	21	46,3	80-5500-140D
	Guide device	DHD350 (Foot valve, 47-69017)	21	46,3	80-6900-140D
	Pilot bit	2/8, 14/14, CV, DP® 65	11	24,2	81-140A-140A65
	Eccentric reamer		4	8,8	82-140A-189W65
	Casing shoe		2,4	5,3	84-140D-00
	Locking kit		0,5	1	85-140A-KT
XL-165					
	Guide device	DHD360 (Foot valve, 47-73017-1)	34	75	80-7300-165D
	Guide device	QL60 (Foot valve,47-76017)	34	75	80-7600-165D
	Pilot bit	2/8, 16/16, CV, DP® 65	17	37,5	81-165A-165A65
	Eccentric reamer		7	15,4	82-165A-212W65
	Casing shoe		3,2	7	84-165D-00
	Locking kit		0,5	1	85-165A-KT
XL-180					
	Pilot bit	2/8, 16/16, CV, DP® 65	24	53	81-180A-180A65
	Eccentric reamer		10	22	82-180A-232W65
	Casing shoe		4	8,8	84-180D-00
	Locking kit		0,5	1	85-180A-KT
XL-190					
	Guide device	QL60 (Foot valve, 47-76017)	44	97	80-7600-190D
	Guide device	DHD360 (Foot valve, 47-73017-1)	44	97	80-7300-190D
	Pilot bit	3/8, 16/16, CV, DP® 65	29	64	81-190A-190A65
	Eccentric reamer		10	22	82-190A-237W65
	Casing shoe		4	8,8	84-190D-00
	Locking kit		0,5	1,0	85-190A-KT
XL-240					
	Guide device	DHD 380 (Foot valve, 47-87017)	67	148	80-8700-240D
	Pilot bit	2/12, 16/16, CV, DP® 65	46	101	81-240B-240A65
	Eccentric reamer		18	40	82-240B-308W65
	Casing shoe		7	15,4	84-240A-00
	Locking kit		1	2,2	85-240A-KT
XL-280					
	Guide device	SD10 (Foot valve, 47-10017)	160	353	80-1000-280A
	Pilot bit	3/12, 18/18, CV, DP® 65	88	194	81-280A-280A65
	Eccentric reamer		43	94	82-280A-378W65
	Casing shoe		15	33	84-280A-00
	Locking kit		1,5	3,3	85-280A-KT



High-tech drill pipes for smooth drilling

We offer a line of drill pipes which provides you with a great degree of compatibility between rigs and tools.

Cold-drawn seamless tubing material, N80, is used to ensure straightness, thickness and high strength. This gives a smoother drilling process and, consequently, a longer service life. The material also provides a smooth, fine surface that eliminates the risk of hammer failures caused by scaling. Furthermore, the tool joints are made out of micro alloy steel and are case-hardened for superior thread life.

Cold-drawn seamless tubing material
- Superior straightness
- High strength
- Uniform pipe wall thickness
- Less weight

Friction-welded end pieces
- High-strength, 100 % metal-to-metal joint with parent metal properties
- Low-temperature process, gives a small HAZ (heat affected zone) that reduces the risk of failure

Heavy-duty tool joints
- Made of micro alloy steel
- Case-hardened for extra strength
- Offer superior thread life

The right drill string for all your needs 100
Sandvik drill pipes 102
Sandvik RP550 shock absorber 104
Reduce the impact of your drilling 105

The right drill string for all your needs



Engineered for efficiency

Our DTH drill string products and services maximize productivity and minimize operating costs. Longer tool service life means less downtime for you.

High performance for application exellence

Our high-performance drill string components withstand extreme torsional and axial loads, efficiently handling the hard rock and abrasive formations in surface mines.

We offer:
— Extensive in-house engineering expertise
— Leading technology and intellectual property developments
— State-of-the-art manufacturing with premium quality materials
— Certified quality process with rigorous product testing
— Efficient and reliable delivery times
— A thorough understanding of drilling and applications

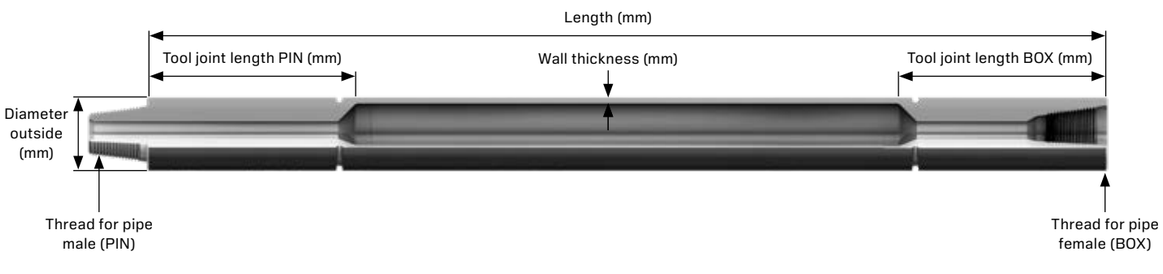
High quality assurance standards

Our Quality Assurance program is committed to maintaining the highest standards in our manufacturing process, delivering only superior products.
— Stringent material specifications and verification
— Welding process control and ultrasonic weld inspection
— Precise pipe straightness specifications and verification
— Thorough inspections and product testing by highly skilled product specialists
— Raw material traceability

Materials and reliability testing

Our engineers are industry-leading materials experts who excel in the science of maximizing product reliability at materials and reliability labs in key locations around the world.

Sandvik drill pipes



DTH classification	**Pipe diameter**						
Bit diameter (mm)	63	73/76	89	102	114	127	140
90	●	●					
100		●					
102		●	●				
110		●	●				
115		●	●				
121		●	●				
127				●			
140				●			
152				●	●		
165				●	●	●	
178						●	
191						●	
203						●	
215						●	●
229							●
254							●

Steel wall thickness **(O.D.)** **Outer diameter**			
in	6.3	8.8	12.7
76 mm	●		
79 mm	●		
89 mm	●	●	
102 mm	●	●	
114 mm		●	●
127 mm		●	●
140 mm			●

● - Recommended
● - Optional

DTH thread connections	**Pipe diameter**							
Thread	73	76	79	89	102	114	127	140
2 3/8 APIR	●	●	●	●				
CUBEX 19		●						
CUBEX 21			●	●				
2 7/8 APIR				●	●			
CUBEX 24				●	●			
3 1/8 DIBH					●			
3 1/2 DIBH						●	●	
3 1/2 APIR						●	●	
3 BECO						●		
CUBEX 28						●	●	●
3 1/2 BECO							●	●
4 1/2 APIR								●

RP550 shock absorber



Reduce the impact of your drilling

With RP550 shock absorber, your Down-The-Hole drilling tools will have longer service life, lower cost per meter and - thanks to the new design features - greatly improved safety.

The shock absorber plays a crucial role in your drilling operations. By reducing shock and vibration, it saves the drill rigs rotary head, enhances performance and provides a much smoother drilling operation.

Maximum value and improved safety
— Absorbs shock up to 85%
— Floating cushion for vibration reduction
— Reduce damage to rotary head, rig and drilling tools
— Evens out pressure on the drill bit
— Full seal and maintenance free – no greasing during operation
— Longer service life and fewer tool changes for safer handling
— Better CPM and overall drilling economy compared to drilling without shock absorber



Cut open image of RP550 shock absorber F40



Accessories

Sandvik has developed and manufactured a comprehensive range of accessories to further increase safety.

Products and tools for safe and efficient work **108**
Rock drill performance fluids **112**

Products and tools for safe and efficient work

To ensure efficient and safe operation, we offer a range of tools and accessories designed to work seamlessly with our hammers. These include lifting bails, air distributor removal tool, and hammer service kit. Together, these solutions enhance safety and productivity while minimizing downtime - delivering improved reliability where it matters most. The complete range of service tools for each hammer model is found in the operation, maintenance and parts manual.



Bit lifter



Air distributor removal tool

Bit lifters

Hammer	Description	Weight		Part no.
		kg	lb	
RH570-6.5"	570-6.5	3.7	8.2	BG00880852
RH460-8"	QL80	4.2	9.2	BG00880289
RH570-9.5"	570-9.5	3.7	8.2	BG00880287

Air distributor removal tool

Hammer	Hammer code	Weight		Part no.
		kg	lb	
RH460-3.5"	32-4635-SDA-XXX	2.8	6.2	BG00916087
RH460-4"	32-4640-XXA-XXX	3.9	8.6	BG00909609
RH460-4"	(Single lead thread)	3.9	8.6	BG01648029
RH460-4"	(Triple lead thread)	3.9	8.6	BG01648065
RH460-5"	32-465X-XQA-XXX	7.2	15.9	BG00909715
RH460-6"	32-466X-XQA-XXX	8.6	19	BG00810644
RH460-8"	32-468X-XXA-XXX	19.8	43.7	BG00812342
RH560-3.5"	32-5635-SRA-XXX	2.9	6.4	BG01037472
RH560-4.5"	32-5645-XTA-XXX	4.3	9.5	BG00909479
RH560-5.5"	32-5655-GQA-XXX	6.7	14.8	BG01126401
RH560-5.5"	32-5655-GQB-XXX	6.7	14.8	BG01671406
RH560-6.5"	32-5665-GQA-XXX	8.6	19	BG00909469
RH560-6.5"	32-5665-GQB-XXX	8.6	19	BG01305403
RH560-6.5"	32-5665-GQC-XXX	8.6	19	BG00810644
RH570-3.5"	32-5735-SFA-XXX	2.9	6.4	BG01037472
RH570-4.5"	32-5745-XFA-XXX	4.3	9.5	BG00909479
RH570-5.5"	32-5755-SFA-XXX	6.7	14.8	BG00909469
RH570-6.5"	32-5765-SFA-XXX	8.6	19	BG00909469
RH570-6.5" DLT	32-5765-SFC-XXX	8.6	19	BG00810644
RH570-9"	32-579X-XFA-XXX	24.2	53.4	BG00909116



Foot valve assembly tool



Foot valve disassembly tool



Bit assembly tool



Driver sub lifter

Foot valve assembly tool

Description	Weight		Part no.
	kg	lb	
QLX40	0.3	0.7	62-4G017A
DHD3.5	0.2	0.4	62-24017A
DHD340	0.3	0.7	62-36017A
QL50	0.4	0.8	62-50017A
QL60	0.4	0.8	62-76017A
QL80	0.6	1.3	62-83017A

Foot valve disassembly tool

Description	Weight		Part no.
	kg	lb	
DHD3.5 / DHD340	1.8	3.9	63-010KTA
QLX4 / QL5 / DHD350	2.5	5.5	63-020KTA
QL6 / DHD 360	3.2	7	63-030KTA
QL8 / DHD380	4.9	10.9	63-040KTA

Bit assembly tool

Hammer	Hammer code	Part no.
RH560-5.5"	32-5655-GQX-XXX	BG01683534
RH560-6.5"	32-5665-GQX-XXX	BG01683377
RH570-5.5"	32-5765-SFX-XXX	BG02034050
RH570-6.5"	32-5765-SFX-XXX	BG02034052

Driver sub lifters

Hammer	Hammer code	Weight		Part no.
		kg	lb	
RH460-8"	32-468X-XXA-XXX	4.8	10.6	BG00668428
RH570-9.5"	32-5665-XRA-XXX	4.8	10.6	BG00821070



Hammer lifting bail

Hammer lifting bail 3,600 kg				
2-3/8" Reg box		5.1	11.2	BG00016425
2-7/8" Reg box		8	17.6	BG00016426
3-1/2" Reg box		14	30.8	BG00016427
3-1/2" IF box		10	22	BG00016428
4-1/2" Reg box		19	41.8	BG00016429
CUBEX #24 box		13	28.6	BG00294441
CUBEX #21 box		13	28.6	BG00294442
CUBEX #28 box		13	28.6	BG00294450
4 1/2" BECO box		25	55	BG00294443
Hammer service kit				
Hammer	Hammer code	Weight		Part no.
		kg	lb	
RH460-3.5"	32-4635-SDA-XXX	3.8	8.2	BG01671422
RH460-4"	32-4640-XXA-XXX	5.2	11.5	BG00303552
RH460-4"	(Single lead thread)	5.2	11.5	BG01648028
RH460-4"	(Triple lead thread)	5.2	11.5	BG01648063
RH460-5"	32-465X-XQA-XXX	N/A	N/A	BG00274811
RH460-6"	32-466X-XQA-XXX	N/A	N/A	BG00275989
RH460-8"	32-468X-XXA-XXX	N/A	N/A	BG00324800
RH560-3.5"	32-5635-SRA-XXX	5.8	12.9	BG01669911
RH560-4.5"	32-5645-XTA-XXX	7.2	15.9	BG00995594
RH560-5.5"	32-5655-GQA-XXX	10.4	22.9	BG01670792
RH560-5.5"	32-5655-GQB-XXX	10.4	22.9	BG01671405
RH560-6.5"	32-5665-GQA-XXX	12.3	27.1	BG01671039
RH560-6.5"	32-5665-GQB-XXX	12.3	27.1	BG01671390
RH560-6.5"	32-5665-GQC-XXX	12.3	27.1	BG01671397
RH570-3.5"	32-5735-SFA-XXX	5.8	12.9	BG01669911
RH570-4.5"	32-5745-XFA-XXX	7.2	15.9	BG00995594
RH570-5.5"	32-5755-SFA-XXX	10.4	22.9	BG01670792
RH570-6.5"	32-5765-SFA-XXX	12.3	27.1	BG01671039
RH570-6.5" DLT	32-5765-SFC-XXX	12.3	27.1	BG01671397
RH570-9"	32-579X-XFA-XXX	33	73.2	BG01671257
Grinding templates				
Grinding template, spherical buttons		0.1	0.2	795-1397
Grinding template, ballistic buttons		0.1	0.2	795-1398



Hammer service kit



Grinding templates



Rock drill performance fluids

The correct lubrication oil for a DTH hammer should be specifically formulated for pneumatic tools that operate under harsh mining conditions. High-quality oils contain additives that enhances the tools' abilities to withstand high pressure, rapid impact motion and exposure to moisture.

When selecting a lubrication oil, always make sure to align with our viscosity recommendations based on ambient temperature to achieve optimal hammer performance. The different viscosity classes for colder and warmer climates, ease the service life of your rock tools and maximize your return on investment.

Recommended oils for DTH hammers
Sandvik OS
Fuchs Rockdrill
Mobil Almo
Shell Air Tool Oil S2
Energol RDE
Esso Arox EP
OMW Air





Resharpen your productivity

A full resharpening offering at your hands

The new range of innovative Sandvik resharpening equipment is designed to boost drill bit service life, reduce maintenance downtime and lower your overall drilling costs. You also get access to data that helps you resharpen your drilling operations.

Understanding that every customer faces unique challenges, we offer versatile products suitable for all scenarios. Whether resharpening directly at drill rigs or in workshops for high-volume production, our offerings cater to your diverse needs. Additionally, we provide spare parts and comprehensive support that ensures safe and successful mining and construction operations.

RG600Pro
A highly efficient plug-and-go stationary precision resharpening machine with safe, user-friendly and operator ergonomic features. It includes multiple bit-loading, adapted bit size programming, Wi-Fi enabled scanning and tracking, as well as access to digital dashboards.

RG550Be (stationary or rig-mounted versions)
A mid-range, semi-automatic resharpening machine. User-friendly plug-and-go version with Wi-Fi enabled scanning and tracking, as well as access to digital dashboards.

RG500Hh
A high-powered, pneumatically operated, handheld resharpening machine. It is ergonomically designed, lightweight with an efficient throttle suited for smaller operations.

Explore full offering on our web

Hammers - part no. keys

1 2 3 4 5 6 7 8
32 – 57 65 – S F C – 04 C

1. Hammer code

Generic code for DTH hammers. A hammer starting with BG is a regional non-standard modification.

2. Hammer family

57 = RH570
56 = RH560
51 = RH510
46 = RH460

3. Hammer diameter

30 = 3"	65 = 6.5"
35 = 3.5"	70 = 7"
40 = 4"	80 = 8"
45 = 4.5"	85 = 8.5"
50 = 5"	90 = 9"
55 = 5.5"	95 = 9.5"
60 = 6"	

4. Application modifier

R = Reversible
G = HD (Large OD)
W = Deep hole
H = Horizontal
S = Standard
E = Expanded pressure range

5. Hammer shank

F = RH570
M = Mission
Q = QL
D = DHD
T = QLX

6. For internal use

7. Top sub connection

04 = 3 ½ API reg pin
11 = 2 ⅞ API reg pin
16 = 2 ⅜ API reg pin
19 = 4 ½ API reg pin
39 = 6 ⅝ API reg pin
25 = 3 ½ API reg box
74 = 3 ½ API IF PIN
55 = 3 ½ BECO pin
72 = 4 ½ BECO pin
77 = #24 Cubex pin
63 = #21 Cubex pin
56 = #28 Cubex pin
84 = 5 1/4" BECO pin

8. External modifiers

S = Standard
C = Retrac carbides in top sub

Drill bits - part no. keys

1 2 3 4 5 6 7 8
42 – 6K G E 172 – S 69 H

1. Bit code

42 = Generic code for DTH bits

2. Shank code

3K = 570-3.5	48 = M40
4K = 570-4.5	58 = M50
5K = 570-5.5	68 = M60
6K = 570-6.5	88 = M80
8K = 570-8.5	3H = DHD3.5HD
9K = 570-9.5	36 = DHD340
3R = 560-3.5	4G = QLX40
4H = 560-4	50 = QL50
5H = 560-5	76 = QL60
63 = 560-6	6C = 700-6
3A = M30	83 = QL80

3. Face design

Face code	Flushing holes	Gauge buttons
Concave face		
1	2	8
8	3	12
D	3	9
P	3	*
T	2	10
V	3	15
Flat face		
2	3	9
A	2	10
F	2	8
K	2	*
W	2	8
Convex face		
5	2	8
6	2	10
C	3	12
G	3	9-12
L	3	9
Bulldog		
B	2	12
E	2	10

4. Button combination

0 = 11 / 11	D = 18 / 16
1 = 12 / 12	E = 18 / 18
3 = 13 / 12	G = 12 / 11
4 = 13 / 13	L = 22 / 18
8 = 16 / 13	M = 22 / 22
9 = 16 / 14	P = 20 / 18
A = 14 / 13	V = Mix
B = 14 / 14	Y = Uniface
C = 16 / 16	

5. Bit diameter in millimeters

6. Button style

Shape	Std	Wear protection	Wear protection and retrac
Spherical	S	W	C
Ballistic	R	U	
Spherical gauge Ballistical face	L	T	

7. Carbide grade

48 = XT48
55 = DP® 55
65 = DP® 65
D2 = Diamond
69 = SH69
70 = SH70

8. Options

H = Extra hard body
K = Wear resistant

Notes

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