

MAXIMUM PERFORMANCE WITH MINIMUM MAINTENANCE

SANDVIK RH360 10", 12", 15", 18" DTH HAMMERS



TRUE QUALITY & HIGH RELIABILITY

The new generation RH360 DTH hammer has been developed to be a reliable and high-quality addition to your drilling operations, with faster penetration, longer life and less down time due to down hole failures.

It has a unique airflow design which maximizes performance. This gives you more power down the hole, making your investment produce more, in less time.

RH360 is a pneumatically operated percussion hammer. It uses air causing the piston to strike the bit producing a very high load during impact, resulting in penetration through extremely hard formations.

The RH360 hammer is also designed to allow the wear sleeve to be manufactured with increased wall thickness, thus extending the service life.

Further improvements and added values to the RH360:

- Industry standard shank design and bit diameter for better availability
- Proven Technology gives improved reliability
- Hardened piston for extended life
- Innovative design for maximum performance with minimum maintenance

SANDVIK RH360 10"

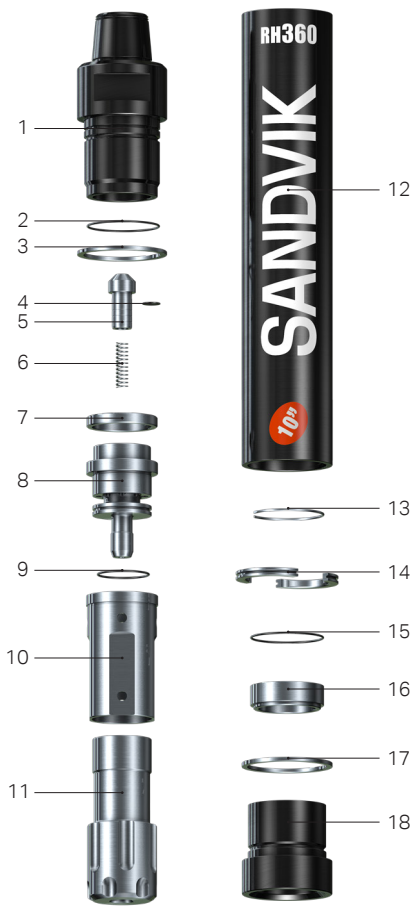
COMPLETE HAMMER

6 5/8" API

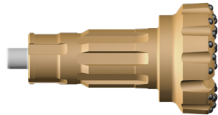
32-3610-SSA-39S

WEIGHT		OUTSIDE DIAMETER		HAMMER LENGTH	
kg	lb	mm	inch	mm	inch
350	772	225	8.9	1,514	59.6

AIR CONSUMPTION, SCFM		AIR CONSUMPTION, M³/MIN, DIN 1343			
150 psi	200 psi	250 psi	10 bar	13.8 bar	17 bar
690	980	1,290	19.5	27.8	36.5



REPLACEMENT PARTS ITEM DESCRIPTION	Weight, kg	Weight, lb	Part No.
1. Top Sub			
6 5/8" API	79.0	173.8	BG01187746
2. O-Ring Top Sub			In seal kit
3. Upper Wear Washer	0.8	1.8	BG01187842
4. Choke Set	0.01	0.02	BG01187960
5. Check Valve	1.3	2.9	BG01187942
6. Check Valve Spring	0.07	0.15	BG01187968
7. Make Up Ring	1.5	3.3	BG01187888
8. Air Distributor	20.8	45.8	BG01187975
9. O-Ring Air Distributor			In seal kit
10. Inner cylinder	13.8	30.4	BG01188014
11. Piston	52.2	114.8	BG01188094
12. Piston Case	128	281.6	BG01187662
13. Piston Retainer Ring	0.1	0.2	BG01188103
14. O-Ring Bit Retainer Ring			In seal kit
15. Guide Sleeve	4.6	10.1	BG01188138
16. Bit Retainer Ring	1.7	3.6	BG01188123
17. Lower Wear Washer	0.7	1.6	BG01187836
18. Driver Sub	23.5	51.7	BG01188142
Seal Kit			
1 piece of 2, 9 and 15	0.05	0.1	BG01191271
Bit shank			
SD10			



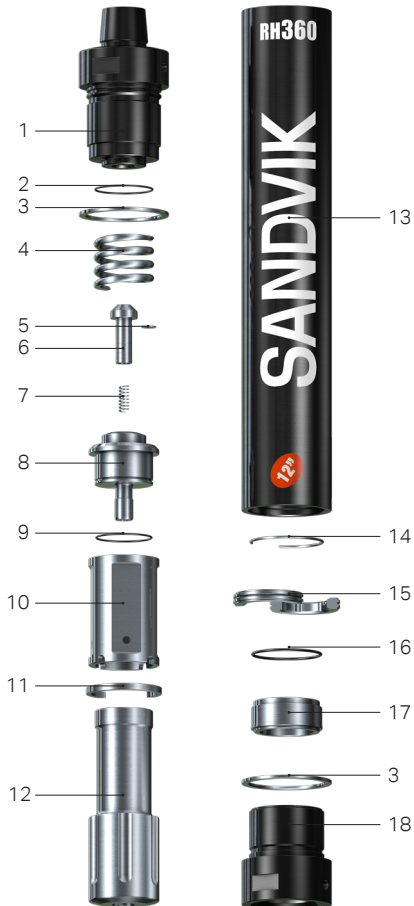
COMPLETE HAMMER

6 5/8" API

32-3612-SSA-39S

WEIGHT		OUTSIDE DIAMETER		HAMMER LENGTH	
kg	lb	mm	inch	mm	inch
650	1,433	274	10.8	1,814	71.4

AIR CONSUMPTION, CFM		AIR CONSUMPTION, M³/MIN, DIN 1343			
150 psi	200 psi	250 psi	10 bar	13.8 bar	17 bar
880	1,250	1,700	24.9	35.4	48.1



REPLACEMENT PARTS ITEM DESCRIPTION	Weight, kg	Weight, lb	Part No.
1. Top Sub			
6 5/8" API	126	277	BG01188721
2. O-Ring Top Sub			In seal kit
3. Wear Washer	1.4	3.1	BG01188735
4. Spring	5.4	12.0	BG01189785
5. Choke Set	0.01	0.02	BG01190251
6. Check Valve	1.8	4.0	BG01189961
7. Check Valve Spring	0.05	0.12	BG01190263
8. Air Distributor	29.3	64.4	BG01190270
9. O-Ring Air Distributor			In seal kit
10. Inner Cylinder	22.7	49.9	BG01190296
11. Inner Cylinder Retainer Ring	1.4	3.0	BG01190301
12. Piston	119.5	262.9	BG01190304
13. Piston Case	253.5	557.7	BG01188700
14. Piston Retainer Ring	0.6	1.3	BG01203192
15. Bit Retainer Ring	3.9	8.5	BG01203207
16. O-Ring Bit Retainer Ring			In seal kit
17. Guide Sleeve	8.6	18.9	BG01203213
18. Driver Sub	49.0	107.8	BG01203234
Seal Kit			
1 piece of 3, 9 and 18	0.5	1.0	BG01191280
Bit shank			
SD12			



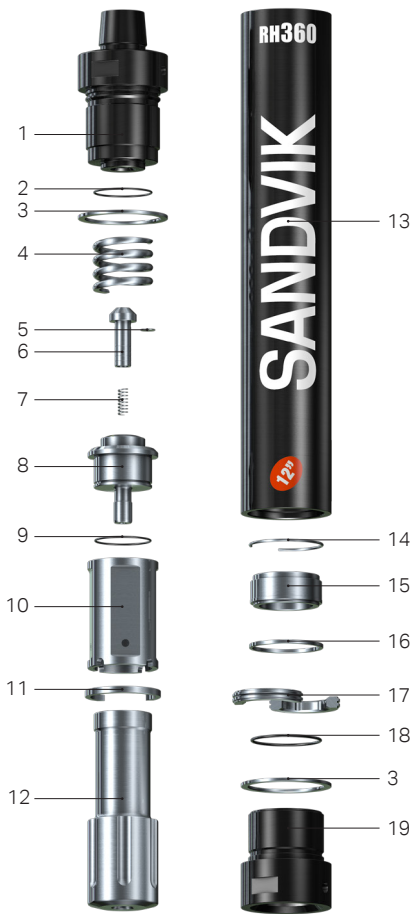
SANDVIK RH360 12"

COMPLETE HAMMER

6 5/8" API32-3612-SDA-39S

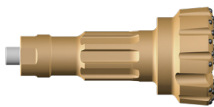
WEIGHT		OUTSIDE DIAMETER		HAMMER LENGTH	
kg	lb	mm	inch	mm	inch
650	1,433	274	10.8	1,814	71.4

AIR CONSUMPTION, CFM		AIR CONSUMPTION, M³/MIN, DIN 1343			
150 psi	200 psi	250 psi	10 bar	13.8 bar	17 bar
880	1,250	1,700	24.9	35.4	48.1



REPLACEMENT PARTS ITEM DESCRIPTION	Weight, kg	Weight, lb	Part No.
1. Top Sub			
6 5/8" API	126	277	BG01188721
2. O-Ring Top Sub			In seal kit
3. Wear Washer	1.4	3.1	BG01188735
4. Spring	5.4	12.0	BG01189785
5. Choke Set	0.01	0.02	BG01190251
6. Check Valve	1.8	4.0	BG01189961
7. Check Valve Spring	0.05	0.12	BG01190263
8. Air Distributor	29.3	64.4	BG01190270
9. O-Ring Air Distributor			In seal kit
10. Inner Cylinder	22.7	49.9	BG01190296
11. Inner Cylinder Retainer Ring	1.4	3.0	BG01190301
12. Piston	119.5	262.9	BG01190304
13. Piston Case	253.5	557.7	BG01188700
14. Piston Retainer Ring	0.6	1.3	BG01203192
15. Guide Sleeve	11.5	25.3	BG01203213
16. Snap Ring	0.2	0.4	BG01203227
17. Bit Retainer Ring	5.1	11.2	BG01203207
18. O-Ring Bit Retainer Ring			In seal kit
19. Driver Sub	52.9	116.3	BG01203234

Seal Kit			
1 piece of 3, 9 and 18	0.5	1.0	BG01191280

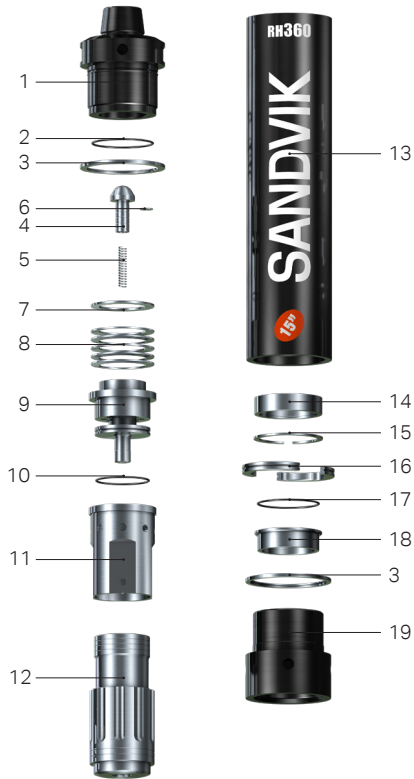
Bit shank			
IR112			

COMPLETE HAMMER

8 5/8" API32-3615-SSA-15S

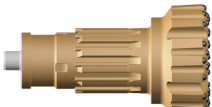
WEIGHT		OUTSIDE DIAMETER		HAMMER LENGTH	
kg	lb	mm	inch	mm	inch
1,256	2,769	376	14.8	1,829	72

AIR CONSUMPTION, CFM				AIR CONSUMPTION, M³/MIN, DIN 1343			
100 psi	150 psi	200 psi	250 psi	6.9 bar	10 bar	13.8 bar	17 bar
1,050	1,350	1,800	2,500	29.7	38.2	51.0	70.8



REPLACEMENT PARTS ITEM DESCRIPTION	Weight, kg	Weight, lb	Part No.
1. Top Sub			
8 5/8" API	215.9	475	BG01184314
2. O-Ring Top Sub			In seal kit
3. Wear Washer	3.2	7.0	BG01185384
4. Choke set	0.02	0.04	BG01184634
5. Check Valve	3.6	8.0	BG01184367
6. Check Valve Spring	0.2	0.4	BG01184664
7. Spring Washer	2.3	5.0	BG01185517
8. Disc Springs	6.0	13.2	BG01185527
9. Air Distributor	68.3	150.2	BG01184741
10. O-Ring Air Distributor			In seal kit
11. Inner Cylinder	42.6	93.7	BG01184919
12. Piston	239.5	526.9	BG01185311
13. Piston Case	505.9	1,113	BG01183318
14. Piston Retainer Ring	11.3	24.9	BG01185697
15. Snap Ring	1.2	2.7	BG01186168
16. Bit Retainer Ring	8.0	17.6	BG01186055
17. O-Ring Bit Retainer Ring			In seal kit
18. Guide Sleeve	11.6	25.4	BG01186152
19. Driver Sub	113.4	249.5	BG01186592

Seal Kit			
1 piece of 3, 10 and 17	0.2	0.4	BG01191262

Bit shank			
SD15			

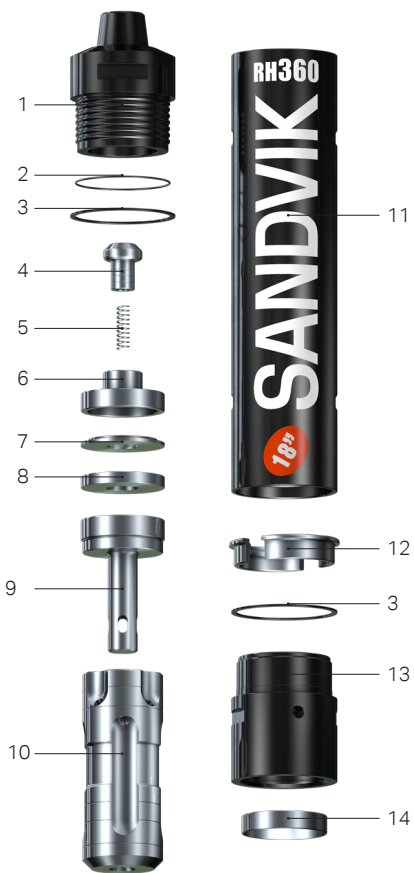
SANDVIK RH360 18"

COMPLETE HAMMER

8 5/8" API	32-3618-SSA-69S
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WEIGHT		OUTSIDE DIAMETER		HAMMER LENGTH	
kg	lb	mm	inch	mm	inch
1,542	3,400	406	16	1,980	78.0

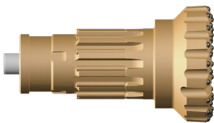
AIR CONSUMPTION, CFM		AIR CONSUMPTION, M³/MIN, DIN 1343			
100 psi	150 psi	200 psi	6.9 bar	10 bar	13.8 bar
1,340	2,010	2,700	37.9	56.9	76.5



REPLACEMENT PARTS ITEM DESCRIPTION	Weight, kg	Weight, lb	Part No.
1. Top Sub			
8 5/8" API	276	607	BG01215720
2. O-Ring Top Sub			BG01220691
3. Wear Washer	1.2	2.6	BG01215750
4. Check Valve	12.0	26.4	BG01215826
5. Check Valve Spring	0.2	0.4	BG01216762
6. Air Distributor	30.6	67.3	BG01216777
7. Spacer	10.7	23.5	BG01215885
8. Buffer	24.1	53.0	BG01215818
9. Air Feed Tube	87.8	193.1	BG01216793
10. Piston	332.9	732.5	BG01216809
11. Piston Case	623	1,370.6	BG01215703
12. Bit Retainer Ring	19.5	42.9	BG01216915
13. Driver sub	173.0	380.6	BG01218476
14. Guide Sleeve	3.6	7.8	BG01218460

Bit shank

SD18



Sandvik Mining and Rock Technology reserves the right to make changes to the information on this data sheet without prior notification to users. Please contact a Sandvik representative for clarification on specifications and options.