

**A WORLD LEADER IN THE DESIGN
AND MANUFACTURING OF DTH HAMMERS AND BITS**



ROCK HOG

DRILLING PRODUCTS

“HAMMERING THROUGH THE WORLD’S TOUGHEST ROCK, BIT BY BIT”

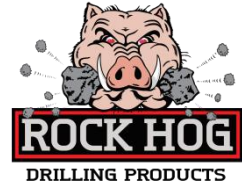
PHONE: 717.328.9808 TOLL FREE US AND CANADA: 1-888-7-ROCKHOG FAX: 717.328.5010
EMAIL: SALES@ROCKHOG.COM WWW.ROCKHOG.COM

ISO 9001 CERTIFIED

Table of Contents

DTH Hammer Introduction	3
Available DTH Hammer Models	4
DTH Hammer Models	4
3.5" Model	
4" Model	
4.5" Model	
5" Model	
5.5" Model	
6" Model	
6.5" Model	
8" Model	
5" Reverse Circulation Series	
DTH Bit Features & Benefits	13
DTH Bit Shank Identification Chart	14
DTH Bit Face Styles	17
DTH Button Shapes & Grades	18
DTH Bit Part Number Breakdown	19
DTH Bit Specification and Ordering	20
DTH Bit Head/Shank Part Numbers and Specs	21
2" Series Bits (Bits for 2" Hammers)	
3" Series Bits (Bits for 3" Hammers)	
3.5" Series Bits (Bits for 3.5" Hammers)	
4" Series Bits (Bits for 4" Hammers)	
5" Series Bits (Bits for 5" Hammers)	
6" Series Bits (Bits for 6" Hammers)	
8" Series Bits (Bits for 8" Hammers)	
Wide Gage Bits	29
Warranty Information	30

Rock Hog High Performance "HP" DTH Hammers



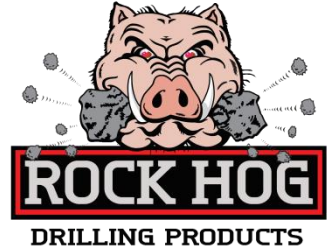
- Rock Hog engineers and manufactures valveless pneumatic percussion DTH Hammers for drilling in all rock formations
- A non-ported, air craft quality steel piston is the only moving part in the hammer, limiting internal wear and yielding maximum penetration rates
- DTH hammers are suited for any type of drilling application including, water wells, quarries, open pit and underground mining, construction, blasting, environmental, oil and gas
- All external parts are hardened to resist wear while all critical internal parts are also hardened for maximum service life
- The wear sleeve is reversible and double heat treated for maximum service life
- Available in 3.5, 4, 4.5, 5, 5.5, 6, 6.5, and 8 inch series
- Available for use with most popular DTH shank bits
- Reverse circulation hammers are also available



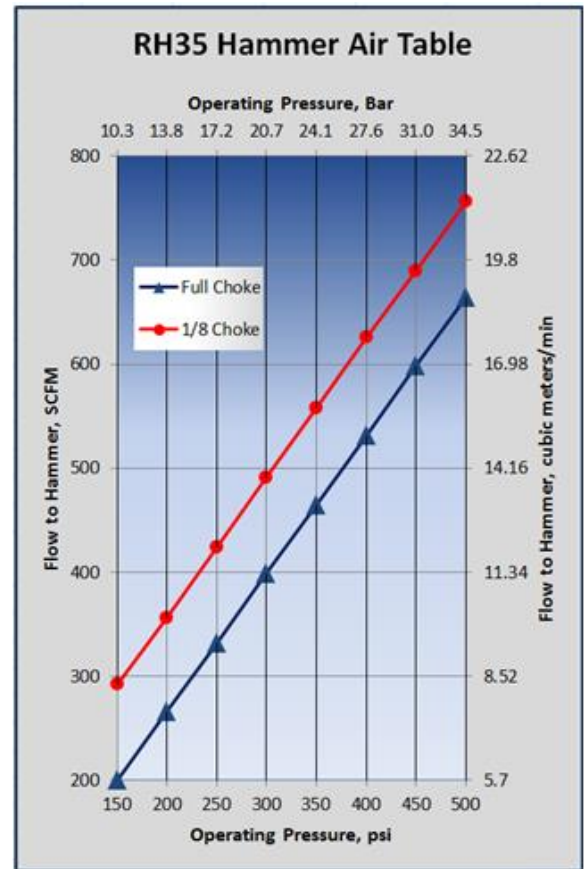
3.5" DTH "HP" Hammer
 With 2 3/8" Regular API Pin-up Connection

RH35R9HP - Uses 305 shank DTH Bit

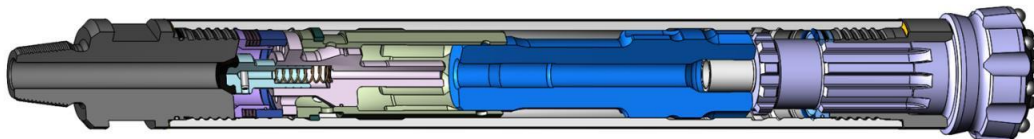
This hammer is designed for drilling 3.5" and larger holes.



	English	Metric
Outside Dia	3.1 in	78.7 mm
Overall Length (without bit)	40.0 in	1016 mm
Operating Length (API shoulder to bit face)	39.6 in	1006 mm
Total Weight	56 lbs	25.4 kg
Bore Size	2.5 in	63.5 mm
Piston Weight	11.7 lbs	5.31 kg
Drillpipe Connection	2 3/8 Reg API pin up (others available upon request)	
Wrench Flats	2.5 in	63.5 mm
Hole Size Range	3 1/2 in to 4 1/4 in 89 mm to 108 mm	
Bit Shank Required	305	
Minimum Air Volume Required *	150 cfm	4.5 cmm
Maximum Operating Pressure	500 psi	34 bar



* Hammer will run on less volume but penetration rates will be significantly slower.

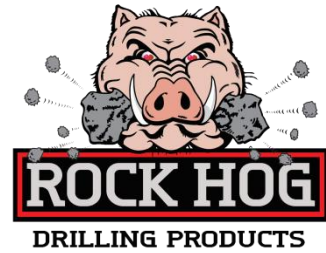


4" DTH Hammer

With 2 3/8" Regular API Pin-up Connection

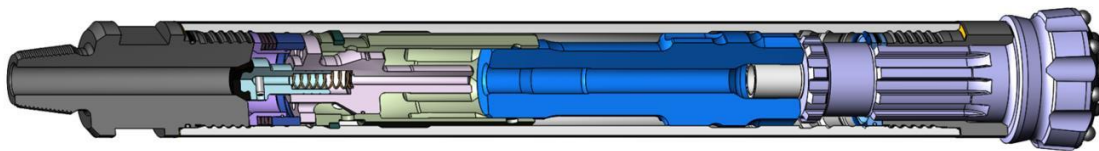
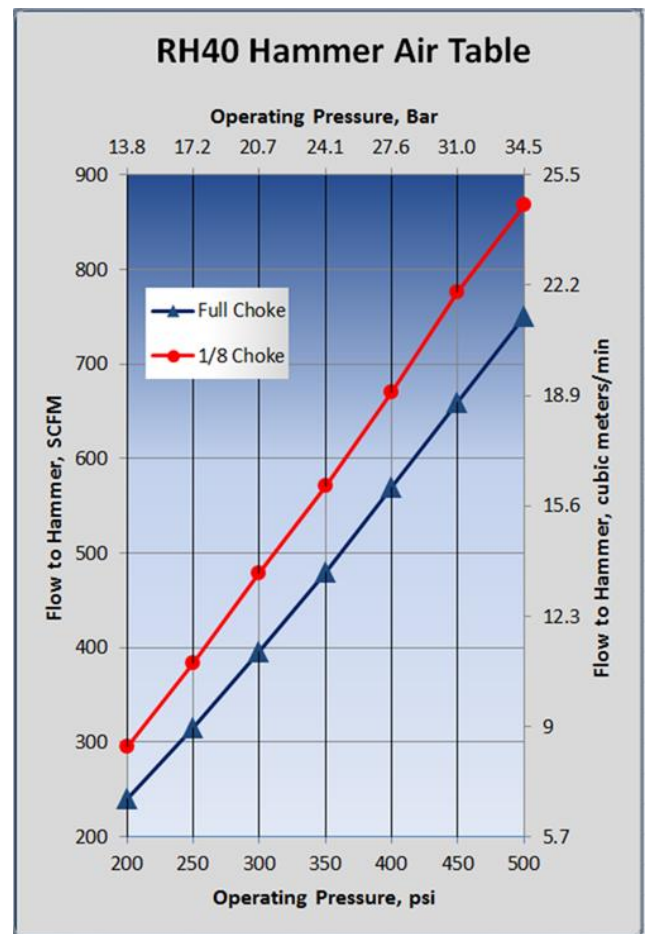
RH40R9HP - Uses 340 shank DTH Bit

This hammer is designed for drilling 4" and larger holes.



	English	Metric
Outside Dia	3.63 in	92.2 mm
Overall Length (without bit)	43.6 in	1107 mm
Operating Length (API shoulder to bit face)	41.9 in	1064 mm
Total Weight	82 lbs	37 kg
Bore Size	2.95 in	75 mm
Piston Weight	20 lbs	9 kg
Drillpipe Connection	2 3/8 Reg API pin up (others available upon request)	
Wrench Flats	2.95 in	75 mm
Hole Size Range	4 in to 5 1/8 in 107 mm to 130 mm	
Bit Shank Required	340	
Minimum Air Volume Required *	150 cfm	4.5 cmm
Maximum Operating Pressure	500 psi	34 bar

* Hammer will run on less volume but penetration rates will be significantly slower.

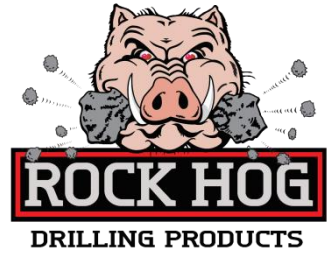


4.5" DTH "HP" Hammer

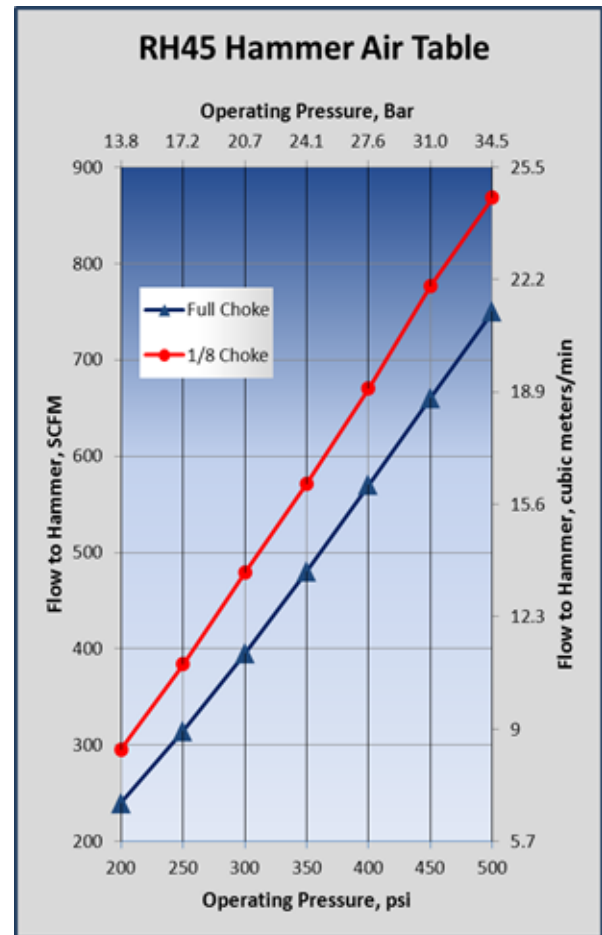
With 2 3/8" Regular API Pin-up Connection

RH45R9HP - Uses 340 shank DTH Bit
RH45Q9HP – Uses Q40 shank DTH Bit

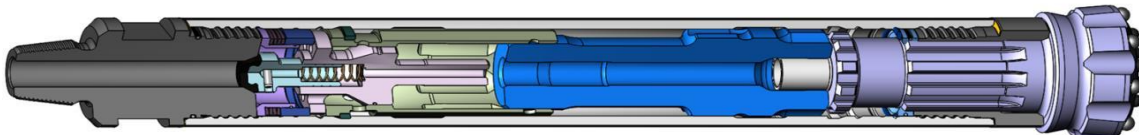
This hammer is designed for drilling 4.5" and larger holes.



	English	Metric
Outside Dia	4.1 in	104 mm
Overall Length (without bit)		
RH45Q model	40.4 in	1026 mm
RH45R model	40.8 in	1036 mm
Operating Length (API shoulder to bit face)		
RH45Q model	40.5 in	1029 mm
RH45R model	40.9 in	1039 mm
Total Weight	112 lbs	51 kg
Bore Size	3.3 in	83.8 mm
Piston Weight	22 lbs	10 kg
Drillpipe Connection	2 3/8 Reg API pin up (others available upon request)	
Wrench Flats	3 in	76 mm
Hole Size Range	4 1/2 in to 5 1/8 in 114 mm to 130 mm	
Bit Shank Required		
RH45Q model	Q40 (QLX40)	
RH45R model	340	
Minimum Air Volume Required *	150 cfm	4 cmm
Maximum Operating Pressure	500 psi	34 bar



* Hammer will run on less volume but penetration rates will be significantly slower.



5" DTH "HP" Hammer

With 3 1/2" Regular API Pin-up Connection

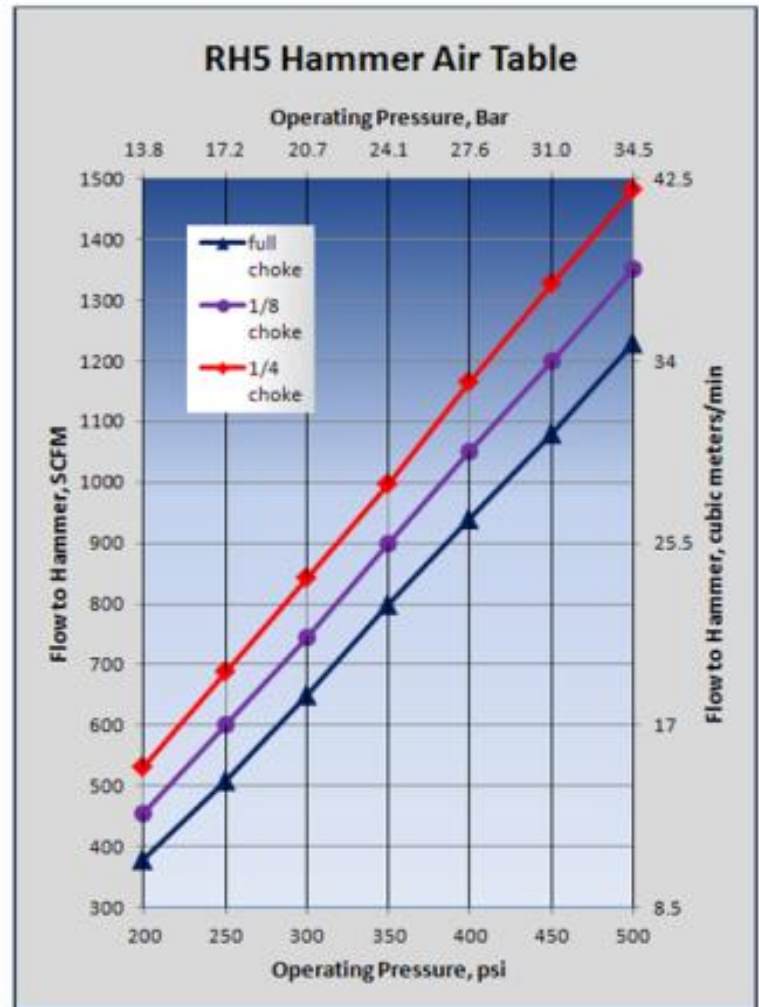
RH50Q1HP – Uses the QL5 shank DTH Bit

RH50R1HP – Uses the 350 shank DTH Bit

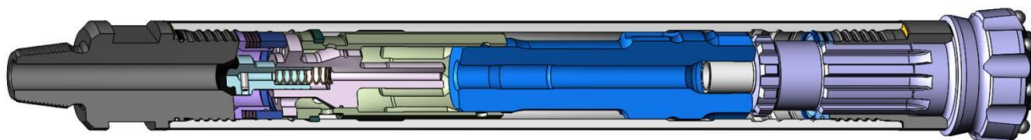
This hammer is designed for drilling 5" and larger holes.



	English	Metric
Outside Dia	4.53 in	115 mm
Overall Length (without bit)		
RH50Q model	47.2 in	1199 mm
RH50R model	48.2 in	1222 mm
Operating Length (API shoulder to bit face)		
RH50Q Model	47.1 in	1196 mm
RH50R Model	48.1 in	1222 mm
Total Weight	143 lbs	64.8 kg
Bore Size	3.71 in	94.2 mm
Piston Weight	30 lbs	13.6 kg
Drillpipe Connection	3 1/2 Reg API pin up (others available upon request)	
Wrench Flats	3.5 in	88.9 mm
Hole Size Range	5 in to 6 in 127 mm to 152 mm	
Bit Shank Required		
RH50Q Model	QL5	
RH50R Model	350	
Minimum Air Volume Required *	150 cfm	4.5 cmm
Maximum Operating Pressure	500 psi	34 bar



* Hammer will run on less volume but penetration rates will be significantly slower.

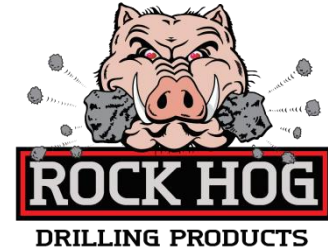


5.5" DTH "HP" Hammer

With 3 1/2" Regular API Pin-up Connection

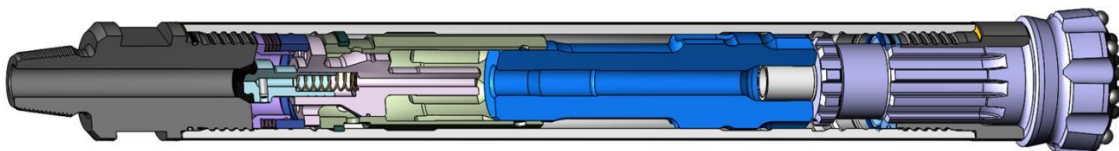
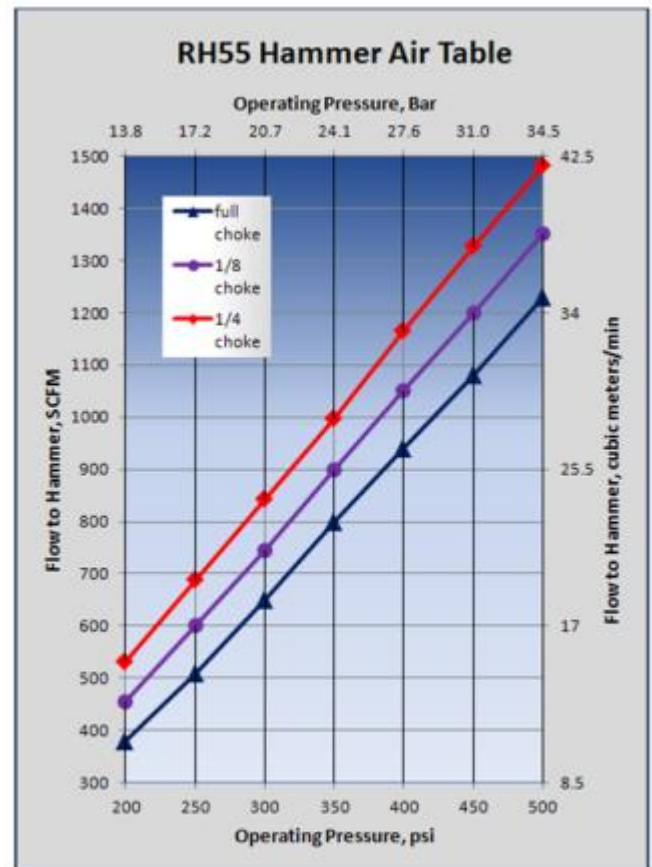
RH55Q1HP - Uses QL5 shank DTH Bit

This hammer is designed for drilling 5.5" and larger holes.



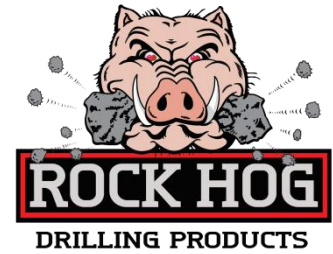
	English	Metric
Outside Dia	5.1 in	130 mm
Overall Length (without bit)	44.7 in	1135 mm
Operating Length (API shoulder to bit face)	44.6 in	1133 mm
Total Weight	148 lbs	67.1 kg
Bore Size	4.1 in	104 mm
Piston Weight	31 lbs	14 kg
Drillpipe Connection	3 1/2 Reg API pin up (others available upon request)	
Wrench Flats	3.5 in	88.9 mm
Hole Size Range	5 1/2 in to 6 in 140 mm to 152 mm	
Bit Shank Required	QL5	
Minimum Air Volume Required *	250 cfm	7 cmm
Maximum Operating Pressure	500 psi	34 bar

* Hammer will run on less volume but penetration rates will be significantly slower.

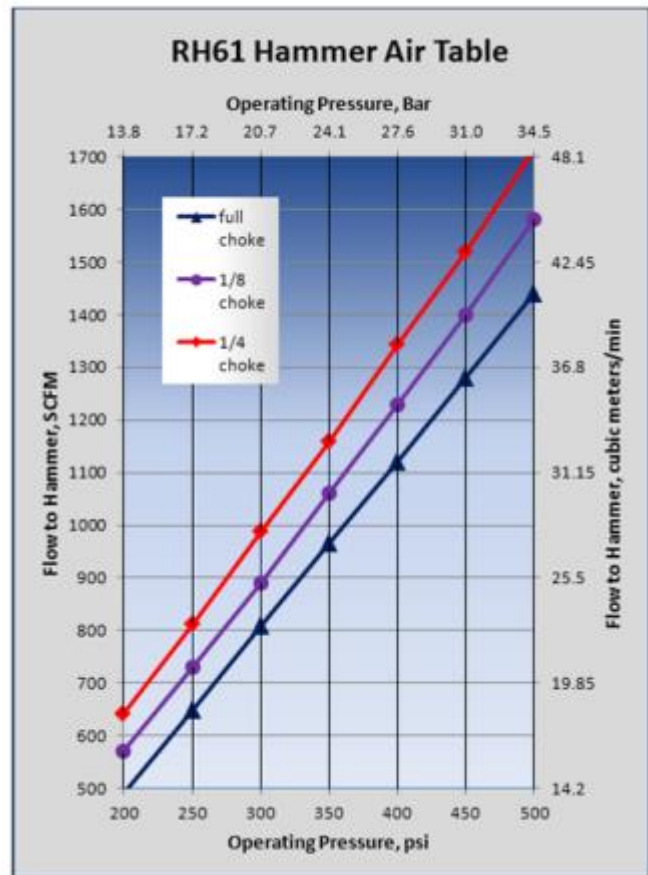


6" DTH "HP" Hammer
 With 3 1/2" Regular API Pin-up Connection
 RH61Q1HP - Uses QL6 shank DTH Bit

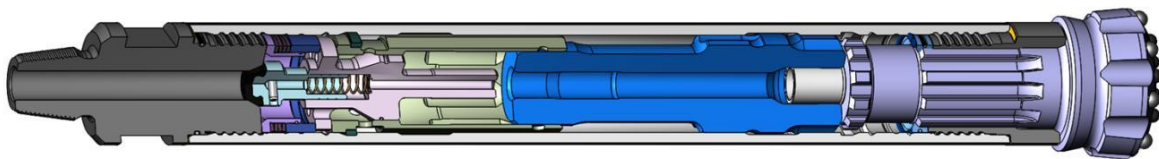
This hammer is designed for drilling 6" and larger holes.



	English	Metric
Outside Dia	5.46 in	139 mm
Overall Length (without bit)	48.1 in	1222 mm
Operating Length (API shoulder to bit face)	48.5 in	1232 mm
Total Weight	215 lbs	97.5 kg
Bore Size	4.5 in	102 mm
Piston Weight	43 lbs	19.5 kg
Drillpipe Connection	3 1/2 Reg API pin up (others available upon request)	
Wrench Flats	4 in	102 mm
Hole Size Range	6 in to 7 in 152 mm to 178 mm	
Bit Shank Required	QL6	
Minimum Air Volume Required *	450 cfm	13 cmm
Maximum Operating Pressure	500 psi	34 bar



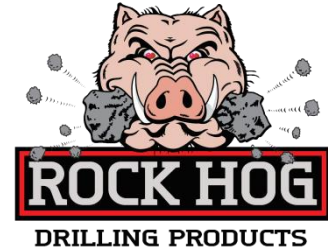
* Hammer will run on less volume but penetration rates will be significantly slower.



6.5" DTH "HP" Hammer

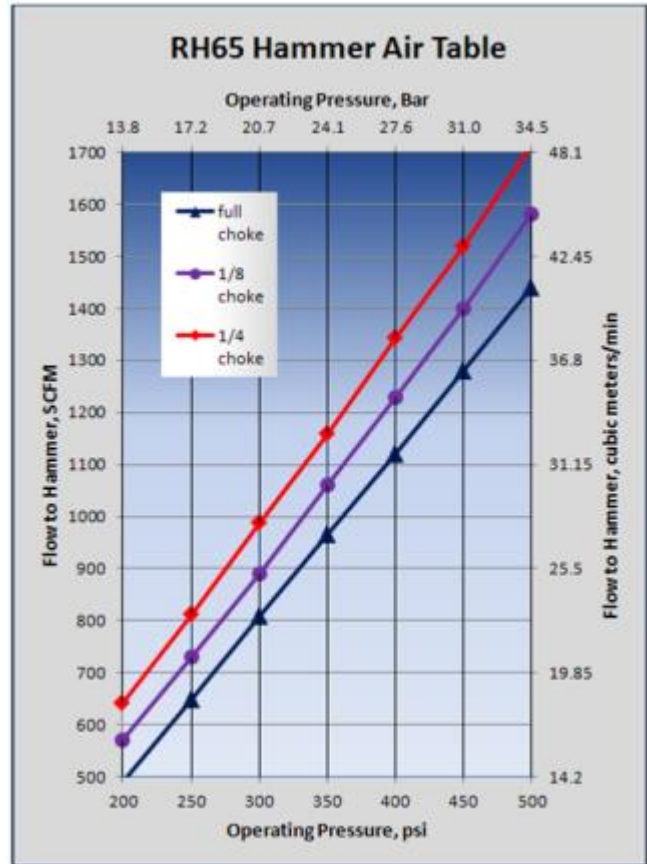
With 3 1/2" Regular API Pin-up Connection

RH65Q1HP - Uses QL6 shank DTH Bit
 RH65QHD1HP – Uses QL6 Shank DTH Bit

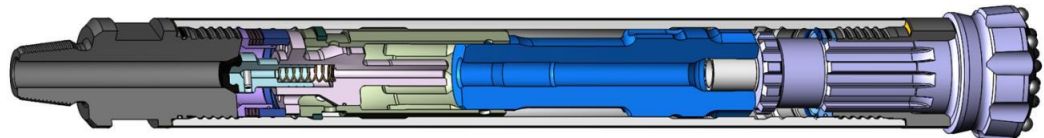


These hammers are designed for drilling 6.5" and larger holes.

	English	Metric
Outside Dia		
RH65 Model	5.75 in	146 mm
RH65HD Model	5.90 in	150 mm
Overall Length (without bit)		
	46.8 in	1189 mm
Operating Length (API shoulder to bit face)		
	47.2 in	1198 mm
Total Weight		
RH65 Model	251 lbs	113.8 kg
RH65HD Model	268 lbs	121.5 kg
Bore Size		
	4.75 in	121 mm
Piston Weight		
	45 lbs	20.4 kg
Drillpipe Connection		
	3 1/2 Reg API pin up (others available upon request)	
Wrench Flats		
	4 in	102 mm
Hole Size Range		
RH65 Model	6 1/4 in to 7 in 156 mm to 178 mm	
RH65HD Model	6 1/2 in to 7 in 165 mm to 178 mm	
Bit Shank Required		
	QL6	
Minimum Air Volume Required *		
	450 cfm	13 cmm
Maximum Operating Pressure		
	500 psi	34 bar



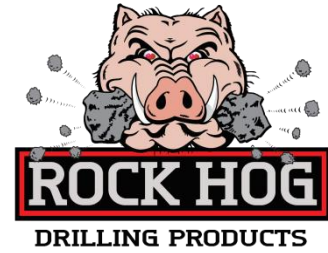
* Hammer will run on less volume but penetration rates will be significantly slower.



8" DTH "HP" Hammer

With 4 1/2" Regular API Pin-up Connection

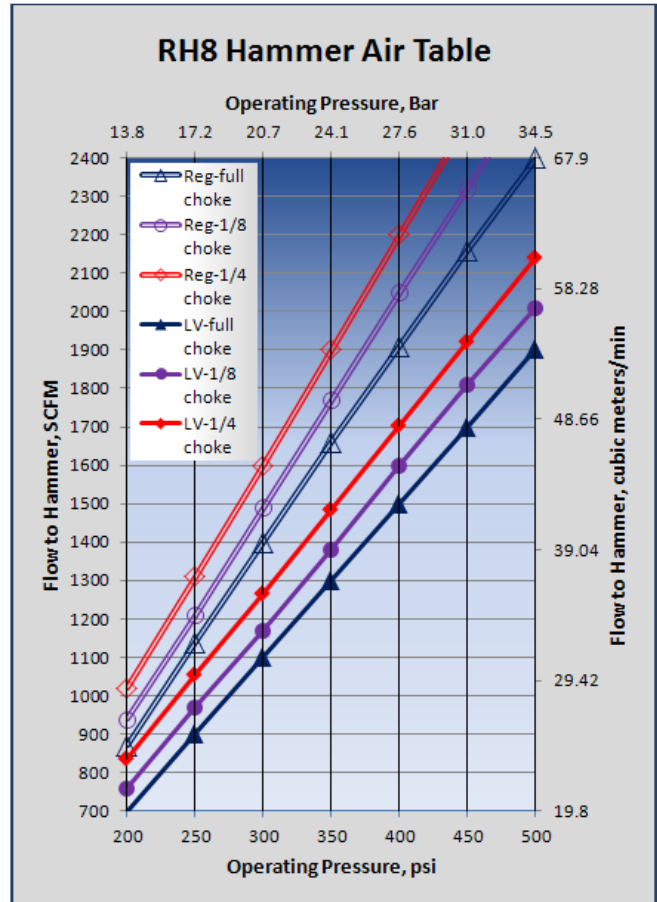
RH80Q3HP - Uses QL8 shank DTH Bit
RH80R3HP - Uses 380 shank DTH Bit



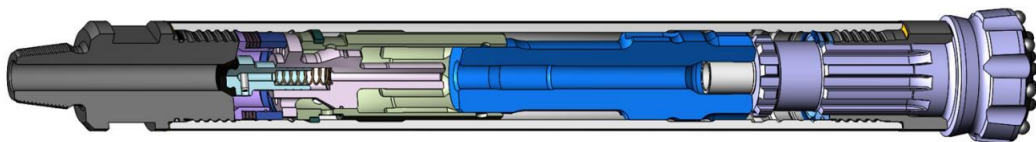
This hammer is designed for drilling 7 7/8" and larger holes.

*Also available in Low-Air (LV).

	English	Metric
Outside Dia		
RH80 Model	7.1 in	180 mm
Overall Length (without bit)	46.8 in	1189 mm
RH80R Model	56.9 in	1445 mm
RH80Q Model	56.2 in	1427 mm
Operating Length (API shoulder to bit face)		
RH80R Model	57.7 in	1542 mm
RH80Q Model	57.0 in	1524 mm
Total Weight	414 lbs	188 kg
Bore Size	5.87 in	149 mm
Piston Weight	78 lbs	35 kg
Drillpipe Connection	4 1/2 Reg API pin up (others available upon request)	
Wrench Flats	5.9 in	150 mm
Hole Size Range	7 7/8 – 10 in	200 – 254 mm
Bit Shank Required		
RH80R Model	380	
RH80Q Model	QL8	
Minimum Air Volume Required *		
RH80 Model	900 cfm	26 cmm
RH80LV Model	500 cfm	14 cmm
Maximum Operating Pressure	500 psi	34 bar



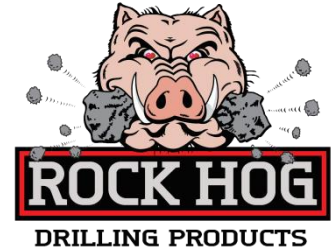
* Hammer will run on less volume but penetration rates will be significantly slower.



Reverse Circulation Hammers

RH5RC11 – 4 1/2" Metzke box up thread connection
 RH5RC12 – 4 1/2" Remet box up thread connection
 RH5RC13 – 4 1/2" Matrix box up thread connection

All use Rock Hog's R50 shank Bit



General Description

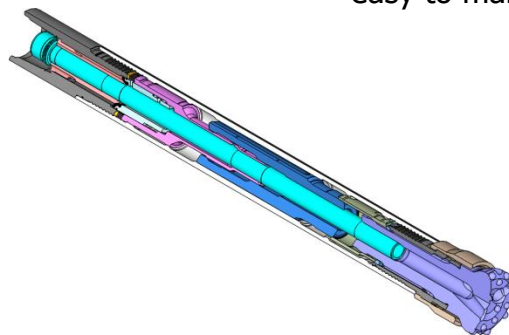
The RH5RC reverse circulation hammer is a valveless pneumatic percussion hammer for drilling in all rock formations. It is designed for exploration drilling of 5 1/4" to 5 3/4" holes. The RH5RC incorporates one moving part, the piston, making the hammer very reliable. The hammer is designed to run with Rock Hog's R50 shank bit.

	English	Metric
Outside Dia	4.73 in	120.1 mm
Overall Length (without bit)	51 in	1295 mm
Total Weight	150 lbs	68 kg
Bore Size	3.87 in	98.3 mm
Piston Weight	28 lbs	12.7 kg
Drillpipe Connection	4 1/2" Remet 4 1/2" Metzke 4 1/2" Matrix	
Wrench Flats	3.95 in	100.3 mm
Hole Size Range	5 1/4 in to 5 3/4 in 133.4 mm to 146 mm	
Bit Shank Required	R50	
Minimum Air Volume Required *	750 cfm	21 cmm
Maximum Operating Pressure	500 psi	34 bar

* Hammer will run on less volume but penetration rates will be significantly slower.

Features

- 1-piece sample tube that pulls out from the top. The hammer does not need to be disassembled to replace the tube. Just disconnect the drill pipe and pull.
- Sample tube's material and heat treat are designed to give maximum service life.
- Piston cycle produces high penetration rates.
- The wear sleeve is reversible.
- Bit shrouds are easily replaced when changing bits and lock onto and rotate with the chuck.
- The shroud aids in producing an excellent sample with minimal contamination.
- Unique design makes the hammer easy to maintain and service.



ROCK HOG DTH BITS

Rock Hog has designed and manufactured a complete line of down-the-hole (DTH) bits. Our high performance bits are a proven industry leader.

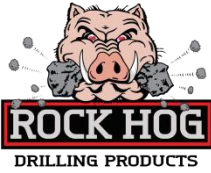


Rock Hog bits are suited for any type of drilling application including, water wells, quarries, open pit and underground mining, construction, blasting, environmental, oil and gas.

Features & Benefits

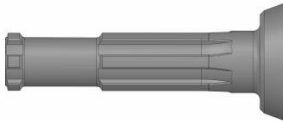

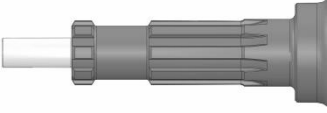
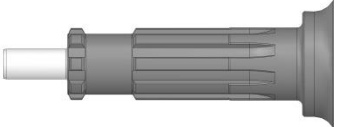

- ✓ Rock Hog bits are designed, engineered, and manufactured, for superior penetration while maintaining maximum cleaning action at the face of the bit, thus extending the working life of the product.
- ✓ For the longest possible product life, we manufacture our bits using premium aircraft quality alloy steels and quality carbide buttons.
- ✓ Rock Hog bits are processed through multiple precision heat treatments that extend the product life for maximum wear and performance in the toughest drilling conditions around the world.
- ✓ Head sizes are available from 2 ¾" (70mm) to 12 ¼" (311mm) on the shank of your choice.
- ✓ We will be happy to custom design a bit to fit your specific drilling needs. Contact your Rock Hog sales representative for further details.

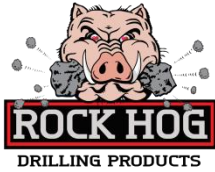




Bit Shank Identification

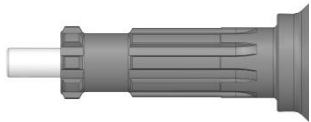
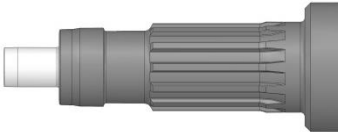
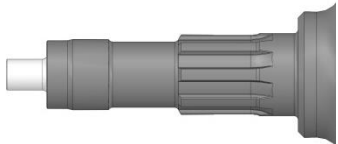

These are the shank styles available and the hammer models the shanks are used with.

Rock Hog Part Number	Shank Designation	Detail	Hammer Manufacturer & Model Number this Shank is used with.
BR2	Bulroc 2	 <p>Shank Length: 6.493" 6 Splines</p>	Bulroc 2 Mincon 2
BR3	Bulroc 3	 <p>Shank Length: 6.493" 6 Splines</p>	Bulroc 3 Boart BH 75 Mincon 3 Klemm KR-3 Bohler LH-78ZD Demag DH 90
305	3.5	 <p>Shank Length: 7.118" 8 Splines</p>	Rock Hog RH35R9HP Atlas Copco 3.5 Sandvik
340	340A	 <p>Shank Length: 8.243" 8 Splines</p>	Rock Hog RH40R9HP & RH45R9HP Atlas Copco DHD-340A & DH4 Bulroc Hyper 41 Compare-Holman Vol 400 & 401 Secoroc 44 Numa 4 Atlas Copco Cop 44
Q40	QLX40	 <p>Shank Length: 8.22" 12 Splines</p>	Rock Hog RH45Q9HP Atlas Copco QLX40



Bit Shank Identification

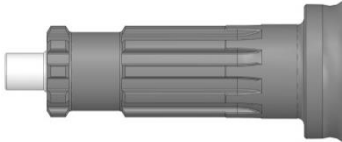
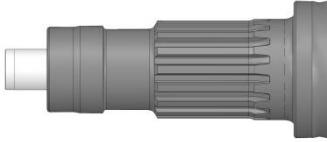
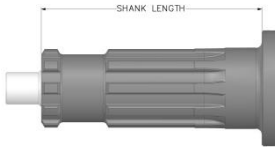
These are the shank styles available and the hammer models the shanks are used with.

Rock Hog Part Number	Shank Designation	Detail	Hammer Manufacturer & Model Number this Shank is used with.
350	350R	 <p>Shank Length: 10.243" 8 Splines</p>	Rock Hog RH50R1HP Atlas Copco DHD-350R & DH5 Digger 5 Secoroc 54 Drillquip T 35350 Atlas Copco Cop 54 Compare-Holman VOL 500 Halco Mach 501R
QL5	QL50	 <p>Shank Length: 9.427" 12 Splines</p>	Rock Hog RH50R1HP & RH55Q1HP Atlas Copco QL50 COP 54 GE
360	360	 <p>Shank Length: 12.143" 8 Splines</p>	Digger 6 Mincon 6DH-360 Compare-Holman VOL 600 Secoroc 64 Atlas Copco DHD-360, SF6, DH6, DHD-160 Drillquip T36 Numa 6 Atlas Copco COP64 Mission XL61
QL6	QL60	 <p>Shank Length: 9.950" 12 Splines</p>	Rock Hog RH61Q1HP & RH65Q1HP Mincon 6DH, 6DH-LV, 6BH, XP60 Atlas Copco QL60 & TD COP 64 GE



Bit Shank Identification

These are the shank styles available and the hammer models the shanks are used with.

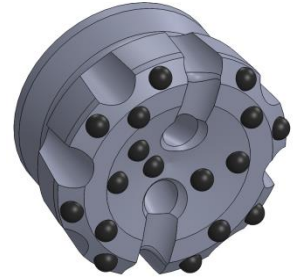
Rock Hog Part Number	Shank Designation	Detail	Hammer Manufacturer & Model Number this Shank is used with.
380	380	 <p>Shank Length: 13.773" 10 Splines</p>	Rock Hog RH80R3HP & RH80RLV3HP Atlas Copco DHD-380 Drillquip T38 Digger 8 Mincon 8DH Numa 8 Atlas Copco Cop 84 Secoroc 84 Halco Mach 80IR & 88IR
QL8	QL80	 <p>Shank Length: 13.053" 16 Splines</p>	Rock Hog RH80Q3HP & RH80QLV3HP Atlas Copco QL80 Mincon MP80 COP 84 GE
			If you do not see the hammer model you are looking for, ask your Rock Hog representative about your specific needs.



DTH Bit Face Styles

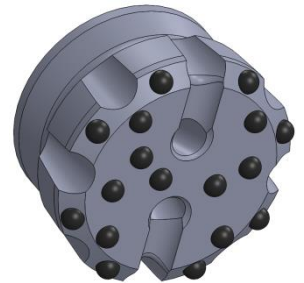
CONCAVE

This is the most common face style used in the market today. The dish type face gives excellent penetration in medium and hard rock formations, while maintaining a straight hole. This face has excellent air flushing characteristics. Concave is the predominate face style for the majority of drilling conditions.



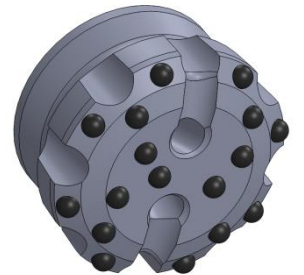
FLAT

The flat face bit, as the name implies, is flat across the bit front. This bit is very aggressive in drilling applications and is suited best for very hard rock and in hard rock with broken formation. Used primarily in blast hole work, the bit tends to lead off in deep holes. Rock Hog flat face bits come with standard face slots to aid in keeping the cutting face clean.



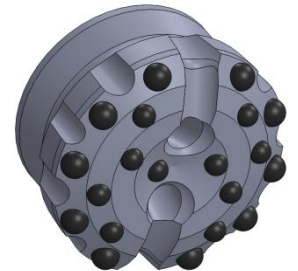
CONVEX

This face has been utilized in very hard drilling formations where the face of the bit tends to be prematurely worn away. The convex style tends to keep the drilling face intact longer by drilling with the two rows of buttons on the convex face. This face style gives good hole penetration.



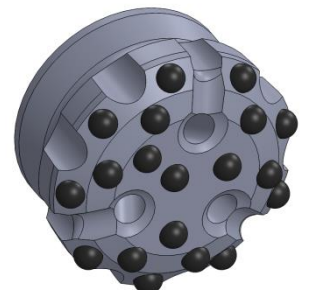
KAVEX

This face is a combination of convex / concave. It is recommended for abrasive formations in the hard and very hard range where other bit faces wear away quickly. The kavex is designed to provide improved cleaning of cuttings thus reducing body wear. The concave center helps drill a straight hole.



WIDE GAGE

This face is a convex but in a heavy duty design. The buttons are larger and gage row is set on a different angle. It has been utilized in very hard, abrasive drilling formations where the face and buttons prematurely wear away. The wide gage style keeps the drilling face intact longer by drilling with the two rows of buttons on the convex face. This face style gives good hole penetration.



Button Shapes & Grades

DOMED (SPHERICAL or HEMI-SPHERICAL)

This button is the most common shape utilized in DTH Bits. This type of shape is the strongest and most resistant to breakage. The domed shape provides excellent penetration in medium rock, hard rock, broken hard rock formations, and in all types of drilling. This is the standard button that will be quoted unless specified otherwise.



BALLISTIC

Normally this button is used in less hard consolidated drilling formations. This type of button is very aggressive and drills faster than dome. However, because the ballistic tip protrudes out farther than domed, the ballistic is prone to breakage if used in the wrong formations. Care should be used when drilling with this type of button. Ballistic buttons yield high penetration rates and efficient rock breakage.



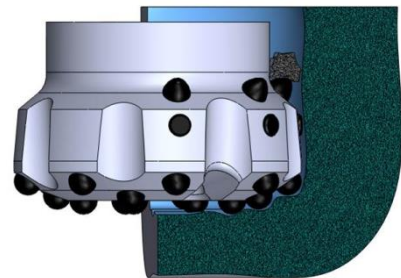
WEAR PAD (FLAT TOP BUTTONS)

Wear Pads are used in conjunction with either of the two types of buttons previously mentioned. These flat top buttons are placed on the bit skirt, behind the gauge row buttons. They are utilized to enhance bit life in areas where extreme body wear has occurred on the bit skirt.



REVERSING BUTTONS

Reversing buttons are often utilized on bits with oversized heads and on standard heads where clearance allows. The reversing buttons are used most often in broken rock formations to allow the bit to drill slowly up and out of the hole, when broken rock has fallen in behind the bit and hammer. Either ballistic or domed buttons can be used and the number of buttons is variable. This concept is also used on the backhead or topsub of the DTH hammer for the same purpose.



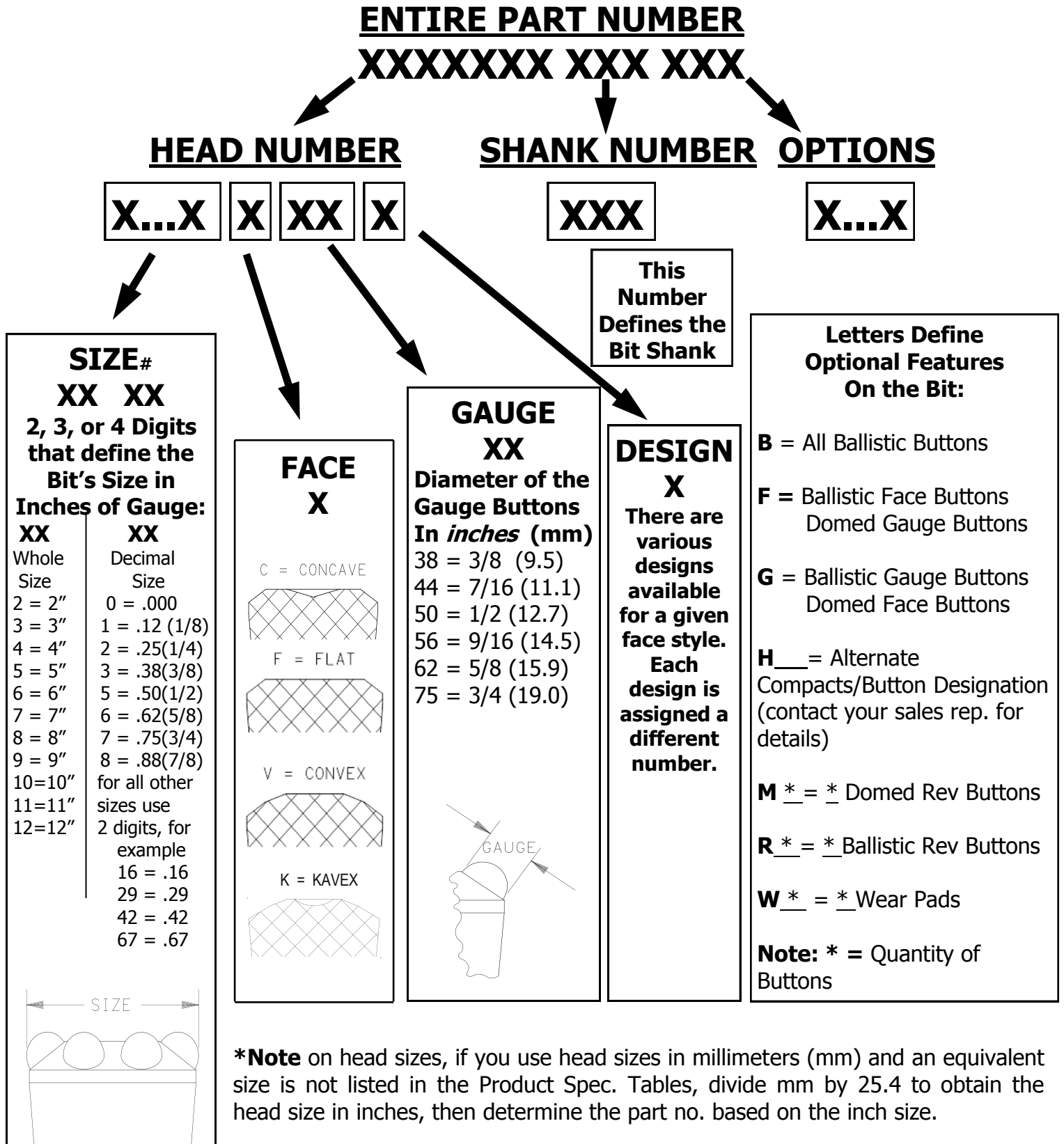
CARBIDE SIZE IN ROCK HOG DTH BITS

Rock Hog's engineers have chosen the best all around button size and number of buttons for each size bit. Large carbides tend to last longer, are less likely to have shear failure, and require less frequent sharpening. Smaller carbides tend to drill faster, however the sharpening interval is more frequent and they wear out faster. DTH bits tend to have larger buttons on the gauge row and smaller buttons in the center.

GRADES

Rock Hog uses Premium carbide grades with excellent wear resistance.

DTH Bit Part Number Breakdown



Bit Specifications and Ordering Standard Designs

- Available designs are listed by nominal shank size on the following pages. Any head or shank not listed in the tables is a special order.
- Available in head sizes from 2 ¾" (70mm) to 12 ¼" (311mm) on the shank of your choice.
- Standard heads up to 9" have (2) blow holes and (2) face flushing grooves.
- Size and number of buttons on the head are given in the tables.
- The options shown on page 17 can be applied.
- Rock Hog reserves the right to make changes in specifications, add improvements, or discontinue items without notice or obligation.
- Bits that require a blow tube/ foot valve are supplied with the blow tube installed.

How to Order

Choose the head number & shank number from the tables and any options from page 19

BIT PART NUMBER = head number shank number options

Give this number to your Rock Hog representative when ordering.

Special Designs

- Any head or shank not listed in the tables
- Any oversize head on a standard shank
- Any additional buttons, blow holes, or scallops
- Must be approved by customer prior to manufacturing
- Are made on an as-ordered basis only
- Have no warranty or a limited warranty
- A minimum order quantity is required
- Require additional manufacturing lead time

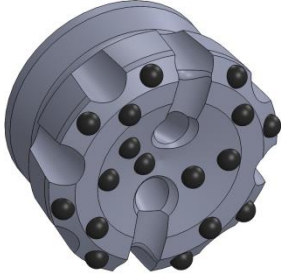

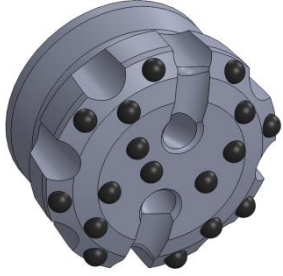
To Order Specialty Bits:

Give your Rock Hog representative all the details available for your desired design, and the quantity needed. A part number will be assigned to the design for your future reference.

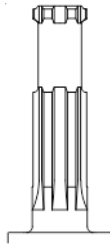
BIT WEIGHT = head weight + shank weight

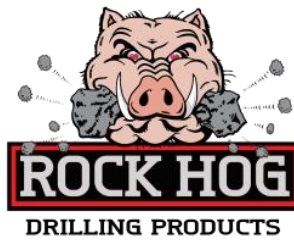


2" Series Bits

Head Number Table												
												
Head				Concave			Flat			Convex		
Diameter		Weight		Head Number	Button (qty) & size		Head Number	Button (qty) & size		Head Number	Button (qty) & size	
Inch	Mm	Lbs	Kgs		Gage	Face		Gage	Face		Gage	Face
2 3/4	70	3	1.4	27C441	(6) ^{7/16}	(4) ^{3/8}	27F441	(6) ^{7/16}	(4) ^{3/8}	27V441	(6) ^{7/16}	(4) ^{3/8}
2 7/8	73	3	1.4	28C441	(6) ^{7/16}	(4) ^{3/8}	28F441	(6) ^{7/16}	(4) ^{3/8}	28V441	(6) ^{7/16}	(4) ^{3/8}
3	76	3	1.4	30C441	(8) ^{7/16}	(6) ^{3/8}	30F441	(8) ^{7/16}	(6) ^{3/8}	30V441	(8) ^{7/16}	(6) ^{3/8}
3 1/4	83	3	1.4	32C441	(8) ^{7/16}	(6) ^{7/16}	32F441	(8) ^{7/16}	(6) ^{3/8}	32V441	(8) ^{7/16}	(7) ^{3/8}
3 1/2	89	4	1.8	35C441	(8) ^{7/16}	(6) ^{7/16}	35F441	(8) ^{7/16}	(6) ^{7/16}	35V441	(8) ^{7/16}	(6) ^{7/16}

Shank Specs

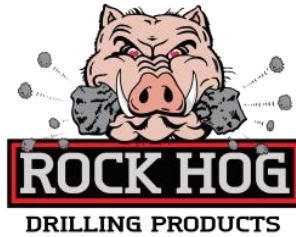
Shank Number	BR2
	
Shank Description	Bullroc – 2
Shank Weight	2.6 lbs
	1.2 kgs



3" Series Bits

Head Number Table												
Head				Concave			Flat			Convex		
Diameter		Weight		Head Number	Button (qty) & size		Head Number	Button (qty) & size		Head Number	Button (qty) & size	
Inch	Mm	Lbs	Kgs		Gage	Face		Gage	Face		Gage	Face
3 1/2	89	3.9	1.8	35C441	(8) 7/16	(6) 7/16	35F441	(8) 7/16	(6) 7/16	35V441	(8) 7/16	(6) 7/16
3 5/8	92	4	1.8	36C441	(8) 7/16	(6) 7/16	36F441	(8) 7/16	(6) 7/16	36V441	(8) 7/16	(6) 7/16
3 3/4	95	4	1.8	37C441	(8) 7/16	(6) 7/16	37F441	(8) 7/16	(7) 7/16	37V441	(8) 7/16	(6) 7/16
3 7/8	98	4	1.8	38C441	(8) 7/16	(6) 7/16	38F441	(8) 7/16	(6) 7/16	38V441	(8) 7/16	(6) 7/16
4	102	5	2.3	40C441	(8) 7/16	(7) 7/16	40F441	(8) 7/16	(7) 7/16	40V441	(8) 7/16	(7) 7/16

Shank Specs	
Shank Number	BR3
Shank Description	Bullroc – 3
Shank Weight	3.9 lbs
	1.8 kgs



3 1/2" Series Bits

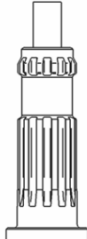

Head Number Table												
Head				Concave			Flat			Convex		
Diameter		Weight		Head Number	Button (qty) & size		Head Number	Button (qty) & size		Head Number	Button (qty) & size	
Inch	Mm	Lbs	Kgs		Gage	Face		Gage	Face		Gage	Face
3 1/2	89	5.5	2.5	35C441	(8) 7/16	(6) 7/16	35F441	(8) 7/16	(6) 7/16	35V441	(8) 7/16	(6) 7/16
3 3/4	95	5.9	2.7	37C441	(8) 7/16	(6) 7/16	37F441	(8) 7/16	(7) 7/16	37V441	(8) 7/16	(6) 7/16
3 7/8	98	6	2.7	38C441	(8) 7/16	(6) 7/16	38F441	(8) 7/16	(6) 7/16	38V441	(8) 7/16	(6) 7/16
4	102	6	2.7	40C441	(8) 7/16	(7) 7/16	40F441	(8) 7/16	(7) 7/16	40V441	(8) 7/16	(7) 7/16
4 1/8	105	7	3.2	41C563	(8) 9/16	(6) 1/2	41F563	(8) 9/16	(6) 1/2	41V563	(8) 9/16	(6) 1/2
4 1/4	108	9	4.1	42C563	(8) 9/16	(6) 1/2	42F563	(8) 9/16	(6) 1/2	42V563	(8) 9/16	(6) 1/2

Shank Specs	
Shank Number	305
Shank Description	AC 3.5
Shank Weight	4.7 lbs (2.1 kgs)
Blow Tube Part #	890305



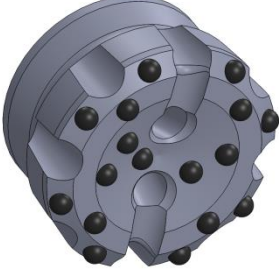
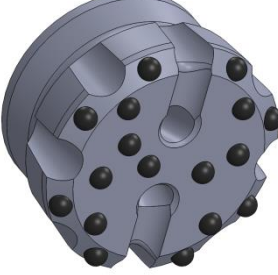
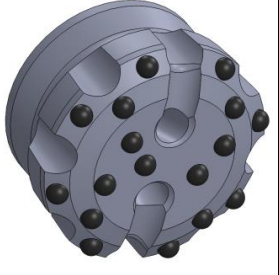
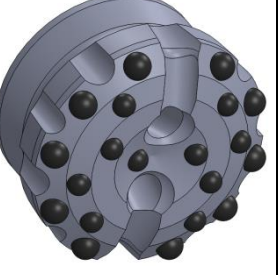
4" Series Bits

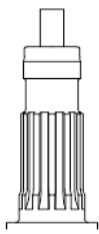

Head Number Table												
Head				Concave			Flat			Convex		
Diameter		Weight		Head Number	Button (qty) & size		Head Number	Button (qty) & size		Head Number	Button (qty) & size	
Inch	Mm	Lbs	Kgs		Gage	Face		Gage	Face		Gage	Face
4	102	9	4.1	40C563	(8) ^{9/16}	(6) ^{1/2}	40F563	(8) ^{9/16}	(6) ^{1/2}	40V563	(8) ^{9/16}	(6) ^{1/2}
4 1/8	105	9.1	4.1	41C563	(8) ^{9/16}	(6) ^{1/2}	41F563	(8) ^{9/16}	(6) ^{1/2}	41V563	(8) ^{9/16}	(6) ^{1/2}
4 1/4	108	9.6	4.3	42C563	(8) ^{9/16}	(6) ^{1/2}	42F563	(8) ^{9/16}	(6) ^{1/2}	42V563	(8) ^{9/16}	(6) ^{1/2}
4 1/2	114	10.1	4.6	45C563	(8) ^{9/16}	(6) ^{1/2}	45F563	(8) ^{9/16}	(6) ^{1/2}	45V563	(8) ^{9/16}	(6) ^{1/2}
4 3/4	121	10.4	4.7	47C563	(8) ^{9/16}	(7) ^{1/2}	47F563	(8) ^{9/16}	(7) ^{1/2}	47V563	(8) ^{9/16}	(7) ^{1/2}
5	127	11.2	5.1	50C621	(8) ^{5/8}	(7) ^{9/16}	50F621	(8) ^{5/8}	(7) ^{9/16}	50V621	(8) ^{5/8}	(7) ^{9/16}
5 1/8	130	11.7	5.3	51C621	(8) ^{5/8}	(7) ^{9/16}	51F621	(8) ^{5/8}	(7) ^{9/16}	51V621	(8) ^{5/8}	(7) ^{9/16}

Shank Specs		
Shank Number	Q40	340
		
Shank Description	AC QLX40	AC 340
Shank Weight	12.0 lbs (5.4 kgs)	8.2 lbs (3.7 kgs)
Blow Tube Part #	890Q40	890340



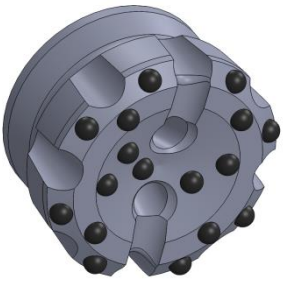
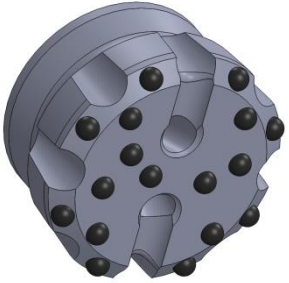
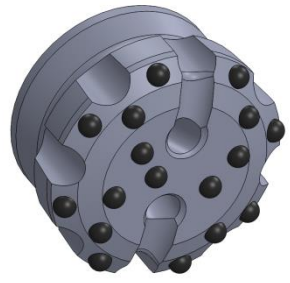
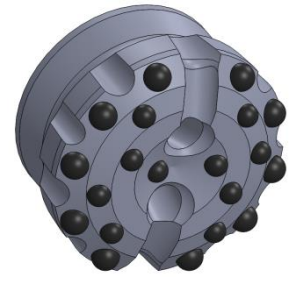
5" Series Bits

Head Number Table																			
				Head		Concave		Flat		Convex		Kavex							
Diameter		Weight		Head Number	Button (qty) & size		Head Number	Button (qty) & size		Head Number	Button (qty) & size		Head Number	Button (qty) & size					
Inch	Mm	Lbs	Kgs		Gage	Face		Gage	Face		Gage	Face		Gage	Face				
5	127	17	7.7	50C621	(8) ^{5/8}	(7) ^{9/16}	50F621	(8) ^{5/8}	(7) ^{9/16}	50V621	(8) ^{5/8}	(7) ^{9/16}	_____						
5 ^{1/8}	130	17	7.7	51C621	(8) ^{5/8}	(7) ^{9/16}	51F621	(8) ^{5/8}	(7) ^{9/16}	51V621	(8) ^{5/8}	(7) ^{9/16}	_____						
5 ^{1/4}	133	17.2	7.8	52C621	(8) ^{5/8}	(8) ^{9/16}	52F621	(8) ^{5/8}	(8) ^{9/16}	52V621	(8) ^{5/8}	(7) ^{9/16}	_____						
5 ^{1/2}	140	18.5	8.4	55C621	(8) ^{5/8}	(8) ^{9/16}	55F621	(8) ^{5/8}	(8) ^{9/16}	55V621	(8) ^{5/8}	(8) ^{9/16}	_____						
5 ^{3/4}	146	19.2	8.7	57C621	(8) ^{5/8}	(8) ^{9/16}	57F621	(8) ^{5/8}	(8) ^{9/16}	57V621	(8) ^{5/8}	(8) ^{9/16}	57K622	(10) ^{5/8}	(10) ^{9/16}				
5 ^{7/8}	149	19.2	8.7	58C621	(8) ^{5/8}	(8) ^{9/16}	58F621	(8) ^{5/8}	(8) ^{9/16}	58V621	(8) ^{5/8}	(8) ^{9/16}	58K622	(10) ^{5/8}	(10) ^{5/8}				
6	152	19.7	8.9	60C621	(8) ^{5/8}	(8) ^{5/8}	60F621	(8) ^{5/8}	(8) ^{5/8}	60V621	(8) ^{5/8}	(8) ^{5/8}	60K622	(10) ^{5/8}	(10) ^{5/8}				

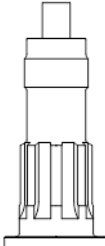
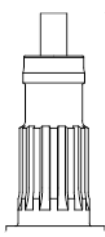
Shank Number	Shank Specs	
	QL5	350
		
Shank Description	AC QL50	AC 350
Shank Weight	17.9 lbs (8.1 kgs)	17.5 lbs (7.9 kgs)
Blow Tube Part #	890QL5	890350

***See Page 29 for Wide Gage info**

6" Series Bits

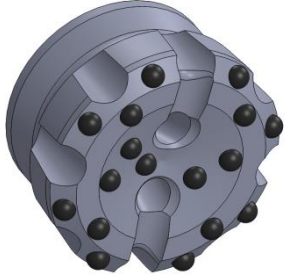
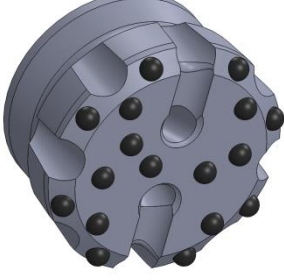
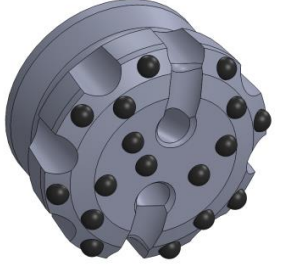
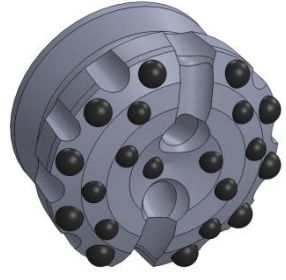
Head Number Table																	
										Concave		Flat		Convex		Kavex	
										Head		Button (qty) & size		Head		Button (qty) & size	
Diameter		Weight		Head Number	Gage		Head Number	Gage		Head Number	Gage		Head Number	Gage			
Inch	Mm	Lbs	Kgs		Face	Face		Face	Face		Face	Face		Face			
6	153	24.9	11.3	60C621	(8) ^{5/8}	(8) ^{5/8}	60F621	(8) ^{5/8}	(8) ^{5/8}	60V621	(8) ^{5/8}	(8) ^{5/8}	60K622	(10) ^{5/8}	(10) ^{5/8}		
6 1/8	156	26.7	12.1	61C621	(8) ^{5/8}	(8) ^{5/8}	61F621	(8) ^{5/8}	(8) ^{5/8}	61V621	(8) ^{5/8}	(8) ^{5/8}	61K622	(10) ^{5/8}	(10) ^{5/8}		
6 1/4	159	27.9	12.6	62C621	(8) ^{5/8}	(8) ^{5/8}	62F621	(8) ^{5/8}	(8) ^{5/8}	62V621	(8) ^{5/8}	(8) ^{5/8}	62K622	(10) ^{5/8}	(10) ^{5/8}		
6 1/2	165	28.4	12.9	65C621	(8) ^{5/8}	(8) ^{5/8}	65F621	(8) ^{5/8}	(9) ^{5/8}	65V621	(8) ^{5/8}	(9) ^{5/8}	65K622	(10) ^{5/8}	(10) ^{5/8}		
6 3/4	171	29	13.1	67C621	(8) ^{5/8}	(9) ^{5/8}	67F621	(8) ^{5/8}	(9) ^{5/8}	67V621	(8) ^{5/8}	(9) ^{5/8}	67K622	(10) ^{5/8}	(12) ^{5/8}		
7	175	32.1	14.5	70C621	(8) ^{5/8}	(9) ^{5/8}	70F621	(8) ^{5/8}	(9) ^{5/8}	70V621	(8) ^{5/8}	(9) ^{5/8}	70K622	(10) ^{5/8}	(12) ^{5/8}		
7 1/2	191	40	18.1	75C621	(10) ^{5/8}	(14) ^{5/8}	75F621	(10) ^{5/8}	(14) ^{5/8}	75V621	(10) ^{5/8}	(14) ^{5/8}	75K622	(12) ^{5/8}	(14) ^{5/8}		
8	203	43.2	19.6	80C621	(10) ^{5/8}	(16) ^{5/8}	80F621	(10) ^{5/8}	(16) ^{5/8}	80V621	(10) ^{5/8}	(16) ^{5/8}	80K622	(12) ^{5/8}	(16) ^{5/8}		
8 1/2	216	45	20.4	85C621	(10) ^{5/8}	(18) ^{5/8}	85F621	(10) ^{5/8}	(18) ^{5/8}	85V621	(10) ^{5/8}	(18) ^{5/8}	85K622	(12) ^{5/8}	(22) ^{5/8}		
8 5/8	219	47	21.3	86C621	(10) ^{5/8}	(18) ^{5/8}	86F621	(10) ^{5/8}	(18) ^{5/8}	86V621	(10) ^{5/8}	(18) ^{5/8}	86K622	(12) ^{5/8}	(22) ^{5/8}		
8 3/4	222	48.8	22.1	87C621	(10) ^{5/8}	(18) ^{5/8}	87F621	(10) ^{5/8}	(18) ^{5/8}	87V621	(10) ^{5/8}	(18) ^{5/8}	87K622	(12) ^{5/8}	(22) ^{5/8}		
8 7/8	225	50	22.7	88C621	(10) ^{5/8}	(18) ^{5/8}	88F621	(10) ^{5/8}	(18) ^{5/8}	88V621	(10) ^{5/8}	(18) ^{5/8}	88K622	(12) ^{5/8}	(22) ^{5/8}		
9	229	51	23.1	90C621	(10) ^{5/8}	(20) ^{5/8}	90F621	(10) ^{5/8}	(18) ^{5/8}	90V621	(10) ^{5/8}	(20) ^{5/8}	90K622	(12) ^{5/8}	(24) ^{5/8}		
9 1/4	235	54	24.5	92C621	(10) ^{5/8}	(22) ^{5/8}	92F621	(10) ^{5/8}	(18) ^{5/8}	92V621	(10) ^{5/8}	(20) ^{5/8}	92K622	(12) ^{5/8}	(24) ^{5/8}		
9 1/2	241	56	25.4	95C621	(12) ^{5/8}	(22) ^{5/8}	95F621	(12) ^{5/8}	(18) ^{5/8}	95V621	(12) ^{5/8}	(22) ^{5/8}	95K622	(14) ^{5/8}	(28) ^{5/8}		
10	254	64	29.0	100C621	(12) ^{5/8}	(26) ^{5/8}	100F621	(12) ^{5/8}	(26) ^{5/8}	100V621	(12) ^{5/8}	(22) ^{5/8}	100K622	(14) ^{5/8}	(28) ^{5/8}		

Note: There is no warranty for shank failures on heads over 7".

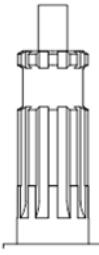
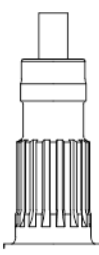
Shank Specs		
Shank Number	360	QL6
		
Shank Description	AC 360	AC QL60
Shank Weight	27.6 lbs (12.5 kgs)	25.4 lbs (11.5 kgs)
Blow Tube Part #	890360	890QL6

*** See Page 29 for Wide Gage info**

8" Series Bits, Heads up to 11"

Head Number Table																			
Head				Concave				Flat				Convex				Kavex			
Diameter		Weight		Head Number	Button (qty) & size		Head Number	Button (qty) & size		Head Number	Button (qty) & size		Head Number	Button (qty) & size					
Inch	Mm	Lbs	Kgs		Gage	Face		Gage	Face		Gage	Face		Gage	Face	Gage	Face		
7 5/8	194	53	24.0	76C751	(8) 3/4	(12) 5/8	76F751	(8) 3/4	(12) 5/8	76V751	(8) 3/4	(12) 5/8	76K752	(10) 3/4	(12) 3/4				
7 7/8	200	54	24.5	78C751	(8) 3/4	(12) 5/8	78F751	(8) 3/4	(12) 5/8	78V751	(8) 3/4	(12) 5/8	78K752	(10) 3/4	(13) 3/4				
8	203	57.2	25.9	80C751	(8) 3/4	(12) 5/8	80F751	(8) 3/4	(12) 5/8	80V751	(8) 3/4	(12) 5/8	80K752	(10) 3/4	(13) 3/4				
8 1/4	210	58	26.3	82C751	(8) 3/4	(12) 5/8	82F751	(8) 3/4	(12) 5/8	82V751	(8) 3/4	(12) 5/8	82K752	(10) 3/4	(13) 3/4				
8 1/2	216	61.5	27.9	85C751	(8) 3/4	(14) 5/8	85F751	(8) 3/4	(14) 5/8	85V751	(8) 3/4	(14) 5/8	85K752	(10) 3/4	(13) 3/4				
8 5/8	219	62	28.1	86C751	(8) 3/4	(14) 5/8	86F751	(8) 3/4	(14) 5/8	86V751	(8) 3/4	(14) 5/8	86K752	(10) 3/4	(14) 3/4				
8 3/4	222	62.5	28.3	87C751	(8) 3/4	(14) 5/8	87F751	(8) 3/4	(14) 5/8	87V751	(8) 3/4	(14) 5/8	87K752	(10) 3/4	(14) 3/4				
8 7/8	225	63	28.5	88C751	(8) 3/4	(14) 5/8	88F751	(10) 3/4	(14) 5/8	88V751	(10) 3/4	(14) 5/8	88K752	(10) 3/4	(14) 3/4				
9	229	67.1	30.4	90C751	(10) 3/4	(16) 5/8	90F751	(10) 3/4	(16) 5/8	90V751	(10) 3/4	(16) 5/8	90K752	(10) 3/4	(16) 3/4				
9 1/2	241	74	33.5	95C751	(10) 3/4	(20) 5/8	95F751	(10) 3/4	(20) 5/8	95V751	(10) 3/4	(20) 5/8	95K752	(10) 3/4	(16) 3/4				
9 3/4	248	79	35.8	97C751	(10) 3/4	(20) 5/8	97F751	(10) 3/4	(20) 5/8	97V751	(10) 3/4	(20) 5/8	97K752	(10) 3/4	(16) 3/4				
9 7/8	251	82	37.1	98C751	(10) 3/4	(20) 5/8	98F751	(10) 3/4	(20) 5/8	98V751	(10) 3/4	(20) 5/8	98K752	(10) 3/4	(17) 3/4				
10	254	93.5	42.4	100C751	(10) 3/4	(20) 5/8	100F751	(10) 3/4	(20) 5/8	100V751	(10) 3/4	(20) 5/8	100K752	(10) 3/4	(17) 3/4				
10 1/2	267	81.1	36.7	105C751	(12) 3/4	(24) 5/8	105F751	(12) 3/4	(24) 5/8	105V751	(12) 3/4	(24) 5/8	105K752	(12) 3/4	(18) 3/4				
11	279	86.4	39.1	110C751	(12) 3/4	(24) 5/8	110F751	(12) 3/4	(24) 5/8	110V751	(12) 3/4	(24) 5/8	110K752	(12) 3/4	(18) 3/4				

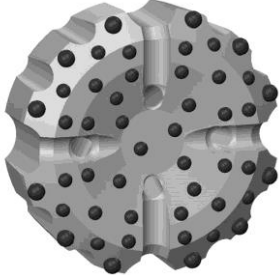
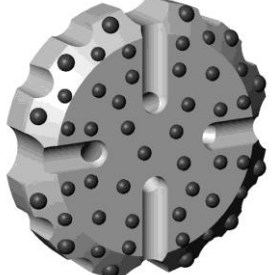
Note: There is no warranty for shank failures on heads over 10".

	Shank Specs	
Shank Number	380	QL8
		
Shank Description	AC 380	AC QL80
Shank Weight	55.4 lbs (25.1 kgs)	61.8 lbs (28.0 kgs)
Blow Tube Part #	890380	890QL8

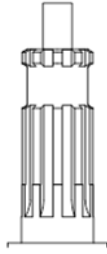
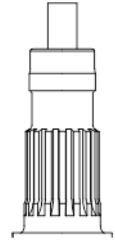
* See Page 29 for Wide Gage info



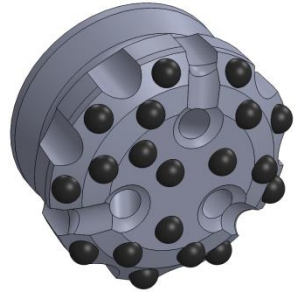
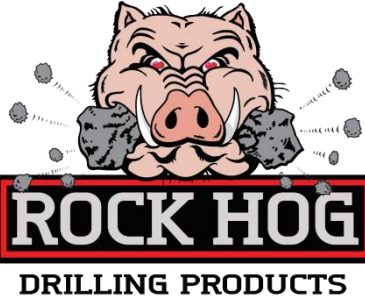
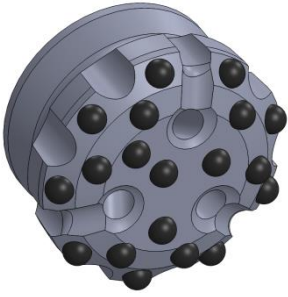
8" Series Bits, 11^{1/4"} to 12^{1/4"} Heads

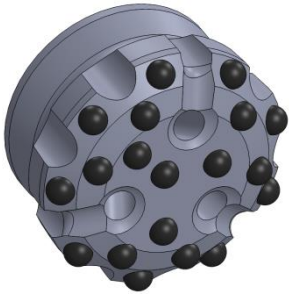
Head Number Table															
															
Head				Concave				Flat				Convex		Kavex	
Diameter		Weight		Head Number	Button (qty) & size		Head Number	Button (qty) & size		Head Number	Button (qty) & size		Head Number	Button (qty) & size	
Inch	Mm	Lbs	Kgs		Gage	Face		Gage	Face		Gage	Face		Gage	Face
11 ¼	286	93	42.1	112C751	(12) ^{3/4}	(34) ^{5/8}	112F751	(12) ^{3/4}	(34) ^{5/8}	_____			_____		
11 ½	292	96	43.5	115C751	(12) ^{3/4}	(36) ^{5/8}	115F751	(12) ^{3/4}	(36) ^{5/8}	_____			_____		
11 ¾	298	98	44.4	117C751	(12) ^{3/4}	(36) ^{5/8}	117F751	(12) ^{3/4}	(36) ^{5/8}	_____			_____		
11 ^{7/8}	302	100	45.3	118C751	(12) ^{3/4}	(36) ^{5/8}	118F751	(12) ^{3/4}	(36) ^{5/8}	_____			_____		
12	305	103	46.7	120C751	(12) ^{3/4}	(36) ^{5/8}	120F751	(12) ^{3/4}	(36) ^{5/8}	_____			_____		
12 ¼	311	106	48.0	122C751	(12) ^{3/4}	(36) ^{5/8}	122F751	(12) ^{3/4}	(36) ^{5/8}	_____			_____		

Note: There is no warranty for shank failures on heads over 10".

Shank Specs		
Shank Number	380	QL8
		
Shank Description	AC 380	AC QL80
Shank Weight	55.4 lbs (25.1 kgs)	61.8 lbs (28.0 kgs)
Blow Tube Part #	890380	890QL8

Wide Gage Bits



Wide Gage Bits								
Head Number Table								Available On The Following Shanks
Head				Wide Gage				
Diameter		Weight		Head Number	Button (qty) & size			
Inch	Mm	Lbs	Kgs		Gage	Face		
5.5	140	20	9.1	55W623	(9) ^{5/8}	(10) ^{5/8}	350, QL5 *See page 25	
5.75	146	21	9.5	57W753	(9) ^{3/4}	(9) ^{5/8}		
6	152	26	11.8	60W753	(9) ^{3/4}	(9) ^{5/8}		
6.125	156	27	12.3	61W753	(9) ^{3/4}	(5) ^{5/8} * see note 2	360, QL6 *See page 26	
6.5	165	29	13.2	65W753	(9) ^{3/4}	(9) ^{3/4}		
6.75	171	30	13.6	67W753	(9) ^{3/4}	(10) ^{3/4}		
7.25	184	32	14.5	72W753	(9) ^{3/4}	(11) ^{3/4}		
7.5	191	41	18.6	75W753	(9) ^{3/4}	(11) ^{3/4}		
7.75	197	43	19.5	77W753	(12) ^{3/4}	(12) ^{3/4}		
7.875	200	55	24.9	78W753	(12) ^{3/4}	(12) ^{3/4}	360, QL6 *See page 26	
8.5	216	63	28.6	85W753	(12) ^{3/4}	(14) ^{3/4}		
8.75	222	64	29.0	87W753	(12) ^{3/4}	(15) ^{3/4}	380, QL8 *See page 27	
9.5	241	76	34.5	95W753	(12) ^{3/4}	(20) ^{3/4}		
9.875	251	85	38.6	98W753	(12) ^{3/4}	(20) ^{3/4}		
10	254	97	44.0	100W753	(12) ^{3/4}	(23) ^{3/4}		

Note: For other sizes, contact you Rock Hog sales representative
 *Note 2: 61W753 has (4) ^{3/4} on 2nd row in, and (5) ^{5/8} on the flat center face.

LIMITED WARRANTY POLICY

I. WARRANTY

Rock Hog Drilling Products, Inc. warrants each new product made by it to be free from defects in material and workmanship for 180 days from the date of initial sale, (initial sale date to be the invoice date of the product from the manufacturer) and agrees only to repairs, replace, or give credit toward, at its own expense, the product found to be defective in material or workmanship, provided manufacturer is notified in writing of such defect or defects within the 180 day warranty period. At no time will any cash refund be remitted to resolve a warranty claim. Defects caused by improper use or application shall not be considered defects within the scope of the foregoing warranty. If any repairs, alterations, or modifications are made to the product the manufacturer shall be relieved of responsibility for fulfillment of this warranty. If improper use, lack of lubrication, or lack of or improper maintenance are made on or used with the products, the manufacturer shall also be relieved of responsibility for fulfillment of this warranty.

II. DISCLAIMER

Under no circumstances shall manufacturer be liable for any consequential or special damage which any person, firm, corporation, or other entity may suffer or claim to suffer or incur or claim to incur as a result of any defect in the product or in any correction or alteration thereof made or furnished by the manufacturer or others. "Consequential" or "Special" damages as used herein includes but is not limited to costs of transportation, lost sales, lost profits, lost income, increased overhead labor and material costs, and costs of manufacturing variances and operational inefficiencies.

III. MAXIMUM LIABILITY

The maximum liability of the manufacturer under the exclusive warranty set forth herein shall be the amount paid to Rock Hog Drilling Products, Inc. by the customers, for the component specified.

IV. ENTIRE LIABILITY

This warranty constitutes manufacturer's entire warranty. Manufacturer expressly disclaims any other warranties of any kind whatsoever as to the product furnished hereunder, including but not limited to express or implied warranties as to merchantability, fitness for particular purposes sold, description or quality of the product furnished here under.

V. WARRANTY PROCEDURE

WARRANTY CLAIMS WILL BE RESOLVED WHEN:

1. Detailed photographs, which must include the product serial number, are returned to Rock Hog with the product part number, date purchased, and the information required under item #2 as follows. (Note: All products where a warranty claim is pending are required to be kept by the distributor until Rock Hog makes a full disposition of the claim. Rock Hog reserves the option to have the product returned to the manufacturer in the event the photographs are inconclusive in resolving the claim.)
2. The distributor is to advise Rock Hog of the problem with the product including the footage the product drilled, air pressure, rock type, and drilling location. On bits the diameter over the gage row must be given along with the width across the flats on the gage row buttons. In addition the distributor is requested to supply other pertinent information useful in analyzing the claim.
3. Rock Hog will issue a credit of up to a maximum of the amount paid to Rock Hog for the product. Rock Hog reserves the right of final determination of any credit to be issued.
4. Where the customer's account is past due with the manufacturer, all warranty claim evaluations and or adjustments will be withheld until the customer's account is current. Once the customer's account is current, normal warranty procedures will resume.

LIMITED WARRANTY POLICY (cont.)

VI. PRODUCTS NOT WARRANTED

1. The limited warranty policy applies to our standard line of products as shown in our most current product catalog.
2. Hammer parts warranted are:
 - a. Back Heads
 - b. Air Distributors
 - c. Wear Sleeves
 - d. Cylinders
 - e. Chucks
 - f. Pistons
 - g. Bearings

All other hammer parts are consider disposable and are not warranted.

3. DTH Drill Bits with oversize heads, per the following are not covered by warranty.
 - a. DTH Bits over 4.00" Head Diameter on a 3" Series Shank
 - b. DTH Bits over 5.00" Head Diameter on a 4" Series Shank
 - c. DTH Bits over 6.00" Head Diameter on a 5" Series Shank
 - d. DTH Bits over 7.00" Head Diameter on a 6" Series Shank
 - e. DTH Bits over 10.00" Head Diameter on a 8" Series Shank
4. Manufacturer does not warranty carbide breakage of "Ballistic" style buttons. Additionally, manufacturer will not warranty any damage caused by this breakage. "Ballistic" style button bits have an aggressive drilling nature and are not suited for all drilling conditions.
5. Manufacturer does not warranty standard catalog items where defects are caused by improper use or where repairs, alterations, or modifications, are made to the product. In addition the manufacturer does not warranty defects caused by improper use, unsafe practices, lack of lubrication, or lack of or improper maintenance on any standard catalog item.

ROCK HOG

DRILLING PRODUCTS

About Us

Rock Hog Drilling Products was established in 1995 and is now a third generation family owned and operated company with 35+ years of experience in the rock drilling industry. Rock Hog specializes in the design and manufacturing of DTH (down the hole) hammers and bits for percussion drilling applications in the mining, blasting, quarry, water well, oil, gas, and construction industries.

ROCKHOG.COM



DTH HAMMERS



DTH BITS



Please Contact:

**140 Landis Drive
Mercersburg, PA 17236**

PHONE: 717.328.9808 TOLL FREE US AND CANADA: 1-888-7-ROCKHOG FAX: 717.328.5010
EMAIL: SALES@ROCKHOG.COM WWW.ROCKHOG.COM

ISO 9001 CERTIFIED