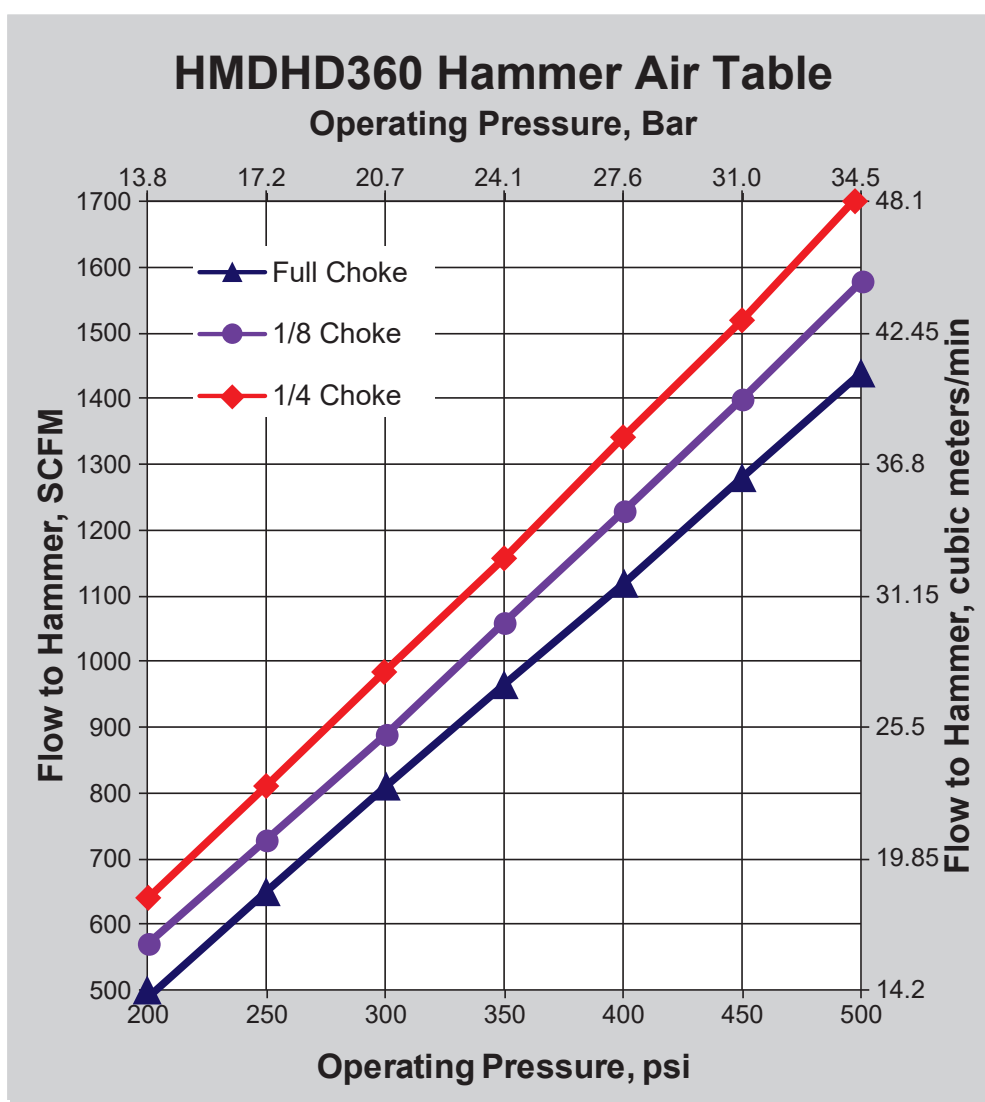


6" 360 MD HAMMER-HMDHD360&HMDHD360H

HMDHD360&HMDHD360H:

This High Performance Hammer was designed with production drilling in mind. It is designed best for Water Well and Geothermal drilling, but can be used in blast hole drilling applications. The **HMDHD360&HMDHD360H**'s non-ported, air craft quality steel piston is the only moving part in the hammer which limits internal wear and yields maximum penetration rates. Its wearsleeve is reversible and double heat treated for maximum life.

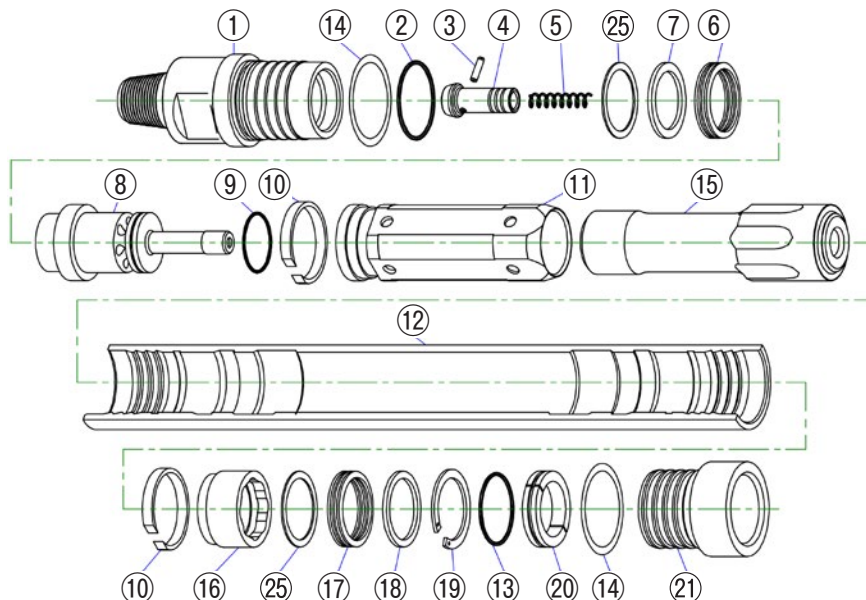


Parts List

Shown at the right side of the chart is the quantity of spare parts that should be kept on hand. Level 1 is for water well drilling, Level 3 is for high production drilling.

HMDHD360&HMDHD360H

ITEM No	PART No	QTY REQD	PART NAME	WEIGHT		SPARE PARTS ON HAND		
				LBS	KGS	LEVEL 1	LEVEL 2	LEVEL 3
1	HP-BKH-MD61-0223	1	Back Head, 3 1/2" API Reg. Pin Up	41.5	18.8	—	—	1
1	HP-BKH-MD61HD-0218	1	H.D. Back Head, 3 1/2" API Reg. Pin Up	43.5	19.7	—	—	1
2	HP-ORG/BKH-0102	1	O-Ring for Backhead			1	2	4
3	HP-CST-0054	1	Choke Set			—	—	1
4	HP-CKV-RH6-0048	1	Check Valve Assembly	0.8	0.36	—	—	1
5	HP-CVS-0050	1	Check Valve Spring	0.05	0.02	—	1	2
6	HP-WSR-0155	1	Washer	0.36		—	—	1
7	HP-DSC-0078	4	Disc Spring	0.68	0.31	—	4	8
8	HP-ADB-MD60-0006	1	Air Distributor	15	6.8	—	—	1
9	HP-ORG/ADB-0090	1	O-Ring for Air Distributor	0.01	0	—	1	2
10	HP-PRR-0133	1	Retaining Ring for Cylinder & Piston	0.56	0.25	—	—	2
11	HP-CLD-MD6S-0076	1	Cylinder	12.3	5.58	—	—	1
12	HP-WSV-MD6S-0225	2	Wear Sleeve	90	40.8	1	2	3
12	HP-WSV-MD6SHD-0215	2	Heavy Duty Wear Sleeve	121	54.9	1	2	3
13	HP-ORG/BRR-0108	1	O-Ring for Bit Retaining Ring	0.01		—	1	2
14	HP-BOW-0040	1	Breakout Washer	0.03	0.014	1	2	4
15	HP-PST-MD6S-0128	1	Piston	45	20.4	—	—	1
16	HP-BRG-MD6S-0024	1	Bearing	4.5	2.04	—	—	1
17	HP-DSC-0078	4	Disc Spring	0.68	0.31	—	4	8
18	HP-WSR-0155	1	Washer	0.36		—	—	1
19	HP-SNR-0146	1	Snap Ring	0.32		—	—	1
20	HP-BRR-0029	1	Bit Retaining Ring	1.65	0.75	—	—	1
21	HP-CHK-MD6-0224	1	Chuck	14	6.3	2	4	6
21	HP-CHK-MD6HD-0214	1	Heavy Duty Chuck	15.4	7	2	4	6
THE FOLLOWING PARTS ARE SOLD SEPARATE								
25	HP-MUW-0181		Make Up Washer					1
—	HP-RBDKIT-MD6S-0226		Rebuild Kit					1
—	HP-RBDKIT-MD6SHD-0193		Heavy Duty Rebuild Kit					1



Hammer Specification

	English	Metric
Outside Dia		
Standard Model	5.46 in	139 mm
Heavy Duty Model	5.75 in	146 mm
Overall Length Without Bit	53.0 in	1346 mm
Total Weight		
Standard Model	215 lbs	97.5 kg
Heavy Duty Model	248 lbs	112.5 kg
Bore Size	4.44 in	113 mm
Piston Weight	45 lbs	20.4 kg
Drillpipe Connect	3-1/2 Reg API Pin Up others available upon request	
Wrench Flats	4 in	102 mm
Hole Size Range		
Standard Model	6 in to 8-1/2 in	
Heavy Duty Model	6-1/4 in to 8-1/2 in	
Bit Shank Required RH6Si Models	360	
Minimum Air Volume Required	750 cfm	21 cmm
Maximum Operating Pressure All Models	350 psi	23.8 bar

MITSUBISHI MATERIALS, USA CORPORATION

California Office

3535 Hyland Avenue, Suite 200
Costa Mesa, CA 92626
Customer Service: 800.423.1358

North Carolina Rock Tools Office

105 Corporate Center Drive
 Mooresville, NC 28117
Customer Service: 980.312.3150
Fax: 704.746.9595
E-Mail: mmusclt@mmus.com

Toronto Office

3535 Laird Road
Units 15 & 16
Mississauga, Ontario, Canada L5L 5Y7
Main: 905.814.0240
Fax: 905.814.0245