Drill King International

HADK-T120N
DTH HAMMER



Key features

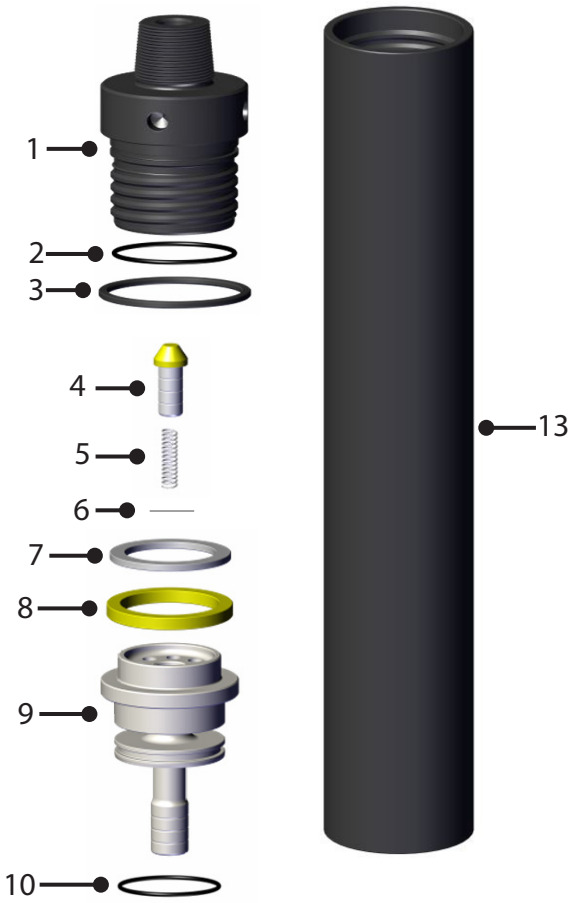
- Robust N120 Shank Design
- Standard bit diameters 11 7/8″-17 1/2″ (302-445mm)
- Repair & Rebuild kits available for easy and cost effective maintenance

TECHNICAL BROCHURE

Part List (N120)

NO	Name	QTY	Part Number
1	Top Sub	1	HPDK-T12001-N
2	Top Sub O-Ring	1	See Sealkit
3	Wear Washer	1	HPDK-T12004-N
4	Cheak Valve	1	HPDK-T12007-N
5	Check Valve Spring	1	HPDK-T12009-N
6	Choke Set	1	HPDK-T12008-N
7	Spacer Ring	1	HPDK-T12023-N
8	Make Up Ring	1	HPDK-T12006-N
9	Air Distributer	1	HPDK-T12010-N
10	Air Dis. O-Ring	1	See Sealkit
11	Cylinder	1	HPDK-T120012-N
12	Piston	1	HPDK-T12014-N
13	Wear Sleeve	1	HPDK-T12001-N
14	Bearing	1	HPDK-T12020-N
15	Piston Ret. Ring	1	HPDK-T12017-N
16	Bit Ret. Ring	1	HPDK-12018-N
17	Bit Ret. Ring O-Ring	1	See Sealkit
18	Wear Washer	1	HPDK-12024-N
19	Drive Sub	1	HPDK-T12022-N
	Sealkit (Items 2, 10, 17)	1	HPDK-T120NSEALKIT
	Complete Hammer		**HADK-T120N**

Exploded view





Dimensions & Weights	
Top Sub Connection	6 5/8" API REG PIN
Eff. Length (in / mm)	64.46 / 1638
OD (in / mm)	10.4 / 264
Hammer Weight (lbs / Kg)	1084 / 492
Piston Weight (lbs / Kg)	264 / 120

Drilling Parameters	
Working Pressure (PSI / Bar)	150-250 / 10.3-17.2
Application Bit (in / mm)	11 7/8-17 1/2 / 302-445
Rotation Speed (RPM)	15-25
Assembly Make-Up Torque (lb·Ft / N·m)	12000 / 16272
Rotation Torque (lb·Ft / N·m)	6500 / 8814
Frequency (blows / min)	1200

Air Consumption

PSI	BAR	CFM	M3/Min
150	10.3	880	25
200	13.9	1250	35
250	17.3	1700	48

Drill King International

Phone: Global - **1.817.539.2500** or US/Canada - **1.866.900.2487**
Email: **sales@drillking.com** Web: **www.drillking.com**
Drill King International L.P. | 820 South 6th Avenue, Mansfield, TX 76063, USA