Drill King International

HADK-T800UCQ

AIR HAMMER (QL80)



Key features

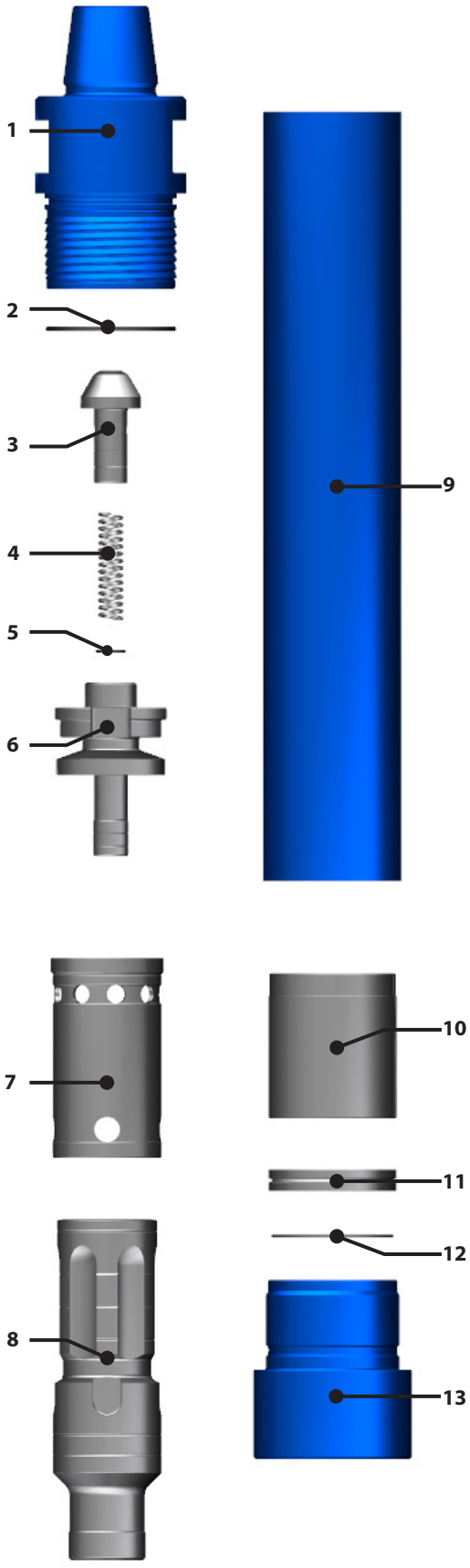
- Repair & Rebuild kits available for easy and cost effective maintenance
- High frequency design for fastest penetration rates for Mining, Water Well and Construction
- Elimination of Blow Tube for increased reliability

TECHNICAL BROCHURE

Parts List (QL80)

NO	Part Name	Qty	Part Number
1	Top Sub	1	HPDK-TUC8002
2	Top Sub O-Ring	1	HPDK-TUC80SEALKIT
3	Check Valve	1	HPDK-TUC8003
4	C.V. Spring	1	HPDK-TUC8004
5	Choke	1	HPDK-TUC8008
6	Air Distributor	1	HPDK-TUC8010
7	Cylinder	1	HPDK-TUC8012
8	Piston	1	HPDK-TUC8014
9	Case	1	HPDK-TUC8001
10	Bearing	1	HPDK-TUC8020
11	Bit Retaining Ring	1	HPDK-TUC8018-Q
12	Bit Ret O-Ring	1	HPDK-TUC80SEALKIT
13	Drive Chuck	1	HPDK-TUC8022-Q
	Sealkit (Items 2, 12)		HPDK-TUC80SEALKIT
	Complete Hammer		**HADK-T800UCQ**

Exploded view



Dimensions & Weights	
Top Sub Connection	4 ½" API REG PIN
Eff. Length (in / mm)	48.6 / 1235
OD (in / mm)	7.16 / 182
Hammer Weight (lbs / Kg)	391 / 178
Piston Weight (lbs / Kg)	95 / 43

Drilling Parameters	
Working Pressure (PSI / Bar)	150-350 / 10.3-24
Application Bit (in / mm)	7.87-10.63 / 200-270
Rotation Speed (RPM)	20 / 30
Assembly Make-Up Torque (lb·Ft / N·m)	7000 / 9492
Rotation Torque (lb·Ft / N·m)	1753 / 2373
Frequency (blows / min)	1030

Air Consumption

PSI	BAR	CFM	M^3/Min
150	10.3	620	17.5
250	17.2	1025	29
350	24.1	1580	45

Note: Drilling Parameters given are guideline only

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