Drill King International

HADK-T1000-N

AIR HAMMER (NUMA 100)



Key features

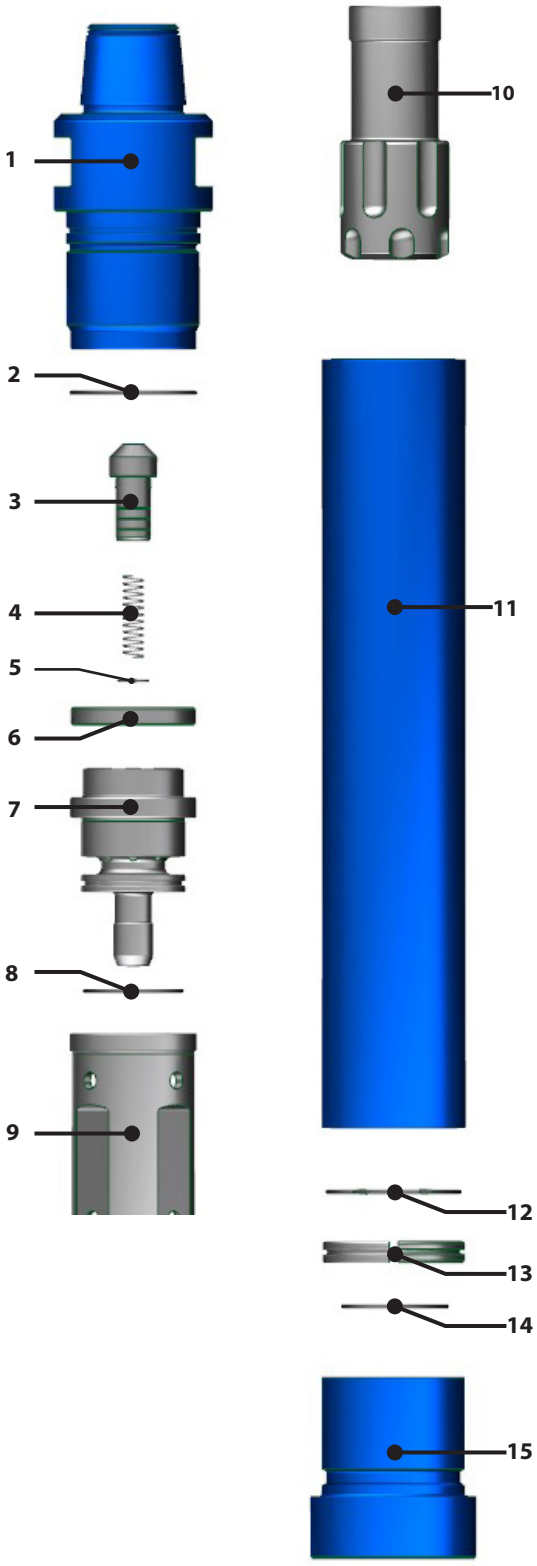
- Robust N100 Shank Design
- Standard bit diameters 9.5”-14” / 241-356mm)
- High frequency design for fastest penetration rates
- Repair & Rebuild kits available for easy and cost effective maintenance

TECHNICAL BROCHURE

Parts List (NUMA 100)

NO	Part Name	Qty	Part Number
1	Top Sub	1	HPDK-T10002-N
2	Top Sub O-Ring	1	HPDK-T10003-N
3	Check Valve	1	HPDK-T10007-N
4	C.V. Spring	1	HPDK-T10009-N
5	Choke Set	1	HPDK-T10008-N
6	Make Up Ring	1	HPDK-T10004-N
7	Air Distributor	1	HPDK-T10010-N
8	Air Dis O-Ring	1	HPDK-T10011-N
9	Cylinder	1	HPDK-T10012-N
10	Piston	1	HPDK-T10014-N
11	Wear Sleeve	1	HPDK-T10001-N
12	Piston Ret. Ring	1	HPDK-T10017-N
13	Bit Ret Ring	1	HPDK-T10018-N
14	Bit Ret Ring O-Ring	1	HPDK-T10019-N
15	Drive sub	1	HPDK-T10022-N
	Sealkit (Items 2, 8, 14)		HPDK-T1000SEALKIT
	Complete Hammer		**HADK-T1000-N**

Exploded view



Dimensions & Weights

Top Sub Connection	6 ⅝" API REG PIN
Eff. Length (in / mm)	56.03 / 1423
OD (in / mm)	8.86 / 225
Hammer Weight (lbs / Kg)	772 / 350
Piston Weight (lbs / Kg)	117 / 53

Drilling Parameters

Working Pressure (PSI / Bar)	150-250 / 10.3-17.2
Application Bit (in / mm)	9.5-14 / 241-356
Rotation Speed (RPM)	10 / 25
Assembly Make-Up Torque (lb·Ft / N·m)	12000 / 16272
Rotation Torque (lb·Ft / N·m)	3000 / 4068
Frequency (blows / min)	1200 / 1450

Air Consumption

PSI	BAR	CFM	M^3/Min
150	10.3	690	19.5
200	13.9	980	27.5
250	17.3	1290	36.5

Note: Drilling Parameters given are guideline only

Drill King International

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