Drill King International

HADK-T1000-S

AIR HAMMER (SD10)



Key features

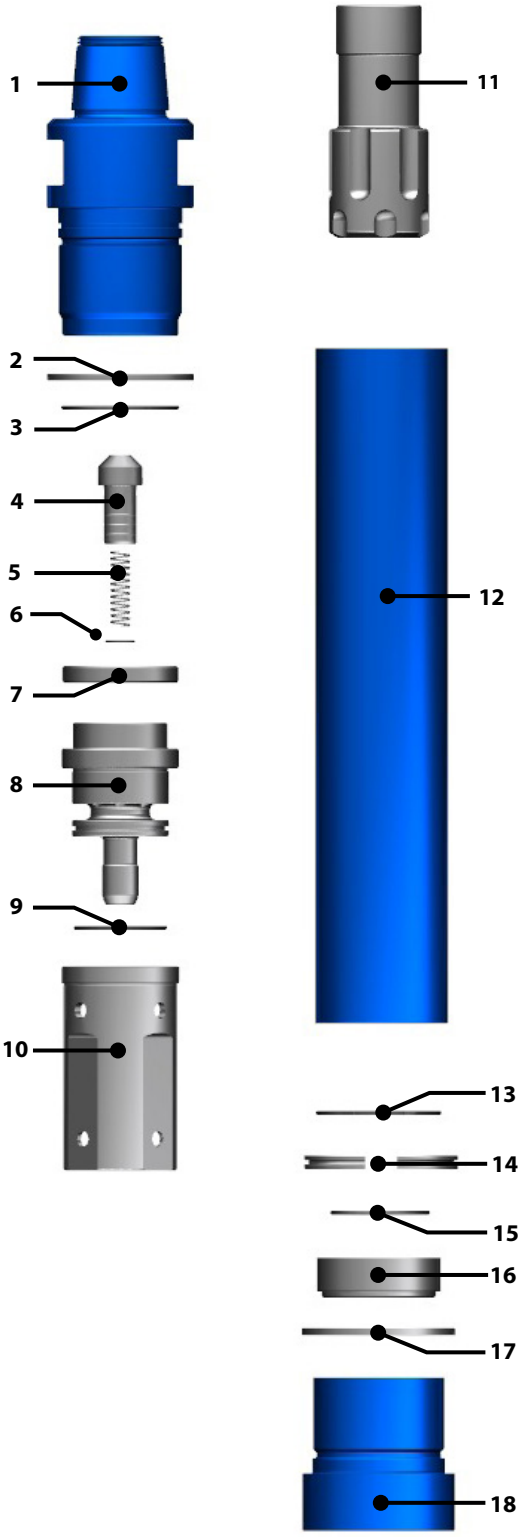
- Robust SD Shank Design
- Standard bit sizes 9.50" - 14.00" / 241 - 356mm
- High frequency design for fastest penetration rates
- Repair & Rebuild kits available for easy and cost effective maintenance

TECHNICAL BROCHURE

Parts List (SD10)

NO	Part Name	Qty	Part Number
1	Top Sub	1	HPDK-T10001-S
2	Wear Washer (Upper)	1	HPDK-T10005-S
3	Top Sub O-Ring	1	HPDK-T10003-S
4	Check Valve	1	HPDK-T10007-S
5	C.V. Spring	1	HPDK-T10009-S
6	Choke Set	1	HPDK-T10008-S
7	Make Up Ring	1	HPDK-T10006-S
8	Air Distributor	1	HPDK-T10010-S
9	Air Dis O-Ring	1	HPDK-T10011-S
10	Cylinder	1	HPDK-T10012-S
11	Piston	1	HPDK-T10014-S
12	Wear Sleeve	1	HPDK-T10001-S
13	Piston Ret. Ring	1	HPDK-T10017-S
14	Bit Ret Ring	1	HPDK-T10018-S
15	Bit Ret Ring O-Ring	1	HPDK-T10019-S
16	Bearing	1	HPDK-T10020-S
17	Wear Washer (Lower)	1	HPDK-T10004-S
18	Drive sub	1	HPDK-T10022-S
	Sealkit (Items 3, 9, 15)		HPDK-T1000SEALKIT
	Complete Hammer		**HADK-T1000-S**

Exploded view



Dimensions & Weights

Top Sub Connection	6 ⅝" API REG PIN
Eff. Length (in / mm)	54.5 / 1384
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	17.2	980	28
250	24.1	1290	36.5

Note: Drilling Parameters given are guideline only

Drill King International

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