Drill King International

HADK-T120S

AIR HAMMER (SD12)



Key features

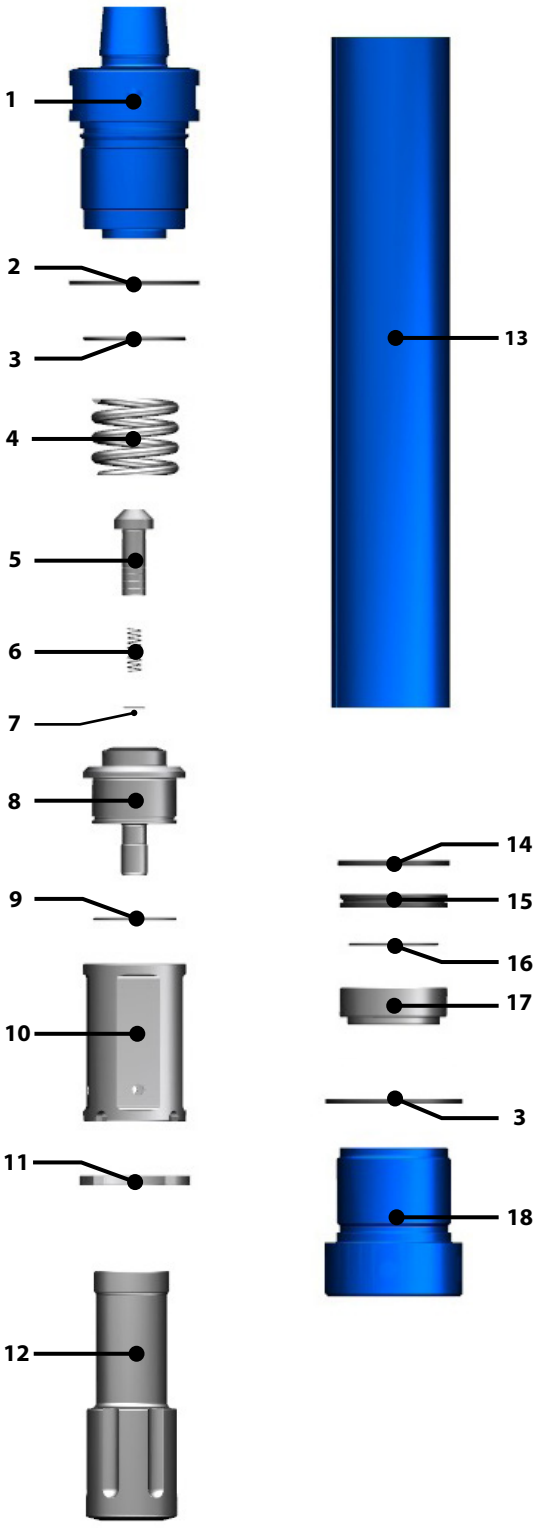
- Robust SD12 Shank Design
- Standard bit sizes 11 7/8"-17 1/2" / 302 - 445mm
- High frequency design for fastest penetration rates
- Repair & Rebuild kits available for easy and cost effective maintenance

TECHNICAL BROCHURE

Parts List (SD12)

NO	Part Name	Qty	Part Number
1	Top Sub	1	HPDK-T12002
2	Top Sub O-Ring	1	See Sealkit
3	Wear Washer	2	HPDK-T12004
4	Spring	1	HPDK-T12006
5	Check Valve	1	HPDK-T12007
6	C.V. Spring	1	HPDK-T12009
7	Choke Set	1	HPDK-T12008
8	Air Distributor	1	HPDK-T12010
9	Air Dis. O-Ring	1	See Sealkit
10	Cylinder	1	HPDK-T12012
11	Cyl Ret Ring	1	HPDK-T12013
12	Piston	1	HPDK-T12014
13	Wear Sleeve	1	HPDK-T12001
14	Bit Ret. Ring O-Ring	1	See Sealkit
15	Bit Ret. Ring	1	HPDK-T12018
16	Piston Ret. Ring	1	HPDK-T12017
17	Bearing	1	HPDK-T12020
18	Drive Sub	1	HPDK-T12022
	Sealkit (Items 2, 9, 14)		HPDK-T120SSEALKIT
	Complete Hammer		**HADK-T120S**

Exploded view



Dimensions & Weights	
Top Sub Connection	6 ⅝" API REG PIN
Eff. Length (in / mm)	70.31 / 1786
OD (in / mm)	10.8 / 274
Hammer Weight (lbs / Kg)	1433 / 650
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	M^3/Min
150	10.3	880	25
200	13.9	1250	35
250	17.3	1700	48

Note: Drilling Parameters given are guideline only

Drill King International

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