

# **HADK-T120S**

## **AIR HAMMER (SD12)**



### **Key features**

- SD12 Shank Design
- Superior Technology
- Standard bit diameters 11 7/8"-17 1/2" / 302-445mm
- Delivers more energy per blow
- Hardened piston for extended life
- Innovative design for maximum performance with minimum maintenance

## 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)	1	HPDK-T120SSEALKIT
	Complete Hammer		HADK-T120S

### Dimensions & Weights

Top Sub	6 5/8" API REG PIN
OAL (in / mm)	71.4 / 1814
OD Range (in / mm)	10.8 / 274
Stroke (in / mm)	2.5 / 63.5
Weight w/o bit (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
Feed Force (FT-lbs / M-Kg)	4500-8000 / 622-1106
Rotation Speed (RPM)	15-25
Rotation Torque (FT-lbs / M-Kg)	5000-8000 / 691-1106
Frequency (blows / min)	1200

### Air Consumption

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

## Exploded view

