

# **HADK-T112**

## **AIR HAMMER (IR112)**



### **Key features**

- IR 112 Shank Design
- Superior Technology
- Standard bit diameter Range : 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 (IR 112)

NO	Part Name	Qty	Part Number
1	Top Sub	1	HPDK-T14001
2	Wear Washer	2	HPDK-T14004
3	Top Sub O-Ring	1	HPDK-T14003
4	Spring	1	HPDK-T14006
5	Check Valve	1	HPDK-T14007
6	C.V. Spring	1	HPDK-T14009
7	Choke Set	1	HPDK-T14008
8	Air Distributor	1	HPDK-T14010
9	Air Dis. O-Ring	1	HPDK-T14011
10	Cylinder	1	HPDK-T14012
11	Cyl Ret Ring	1	HPDK-T14013
12	Piston	1	HPDK-T14014
13	Wear Sleeve	1	HPDK-T14001
14	Piston Ret. Ring	1	HPDK-T14017
15	Bearing	1	HPDK-T14020
16	Snap Ring	1	HPDK-T14021
17	Bit Ret. Ring	1	HPDK-T14018
18	Bit Ret. Ring O-Ring	1	HPDK-T14019
19	Drive Sub IR112	1	HPDK-T14022
	Sealkit (Items 3, 9, 18)	1	HPDK-T112SEALKIT
	Complete Hammer		HADK-T112

### Dimensions & Weights

Top Sub	6 5/8" API REG PIN
OAL (in / mm)	71.4 / 1813
OD Range (in / mm)	10.8 / 225
Piston Diameter (in / mm)	8.5 / 216
Stroke (in / mm)	2.5 / 63.5
Weight w/o bit (lbs / Kg)	1433 / 650
Piston Weight (lbs / Kg)	215 / 98

### Drilling Parameters

Working Pressure (PSI / Bar)	150-250 / 10.3-24.1
Application Bit (in / mm)	8-17 / 203-431
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

