



**DK-A80-S**

## ***DKA80-S HAMMER***

- ✓ ***SD8 SHANK DESIGN***
- ✓ ***NEW GENERATION***
- ✓ ***SUPERIOR TECHNOLOGY***
- ✓ ***STANDARD BIT DIAMETERS, 7-7/8"-10-5/8"***
- ✓ ***DELIVERS MORE ENERGY PER BLOW***
- ✓ ***HARDENED PISTON FOR EXTENDED LIFE***
- ✓ ***INNOVATIVE DESIGN FOR MAXIMUM PERFORMANCE WITH MINIMUM MAINTENANCE***

**DRILL KING INTERNATIONAL**

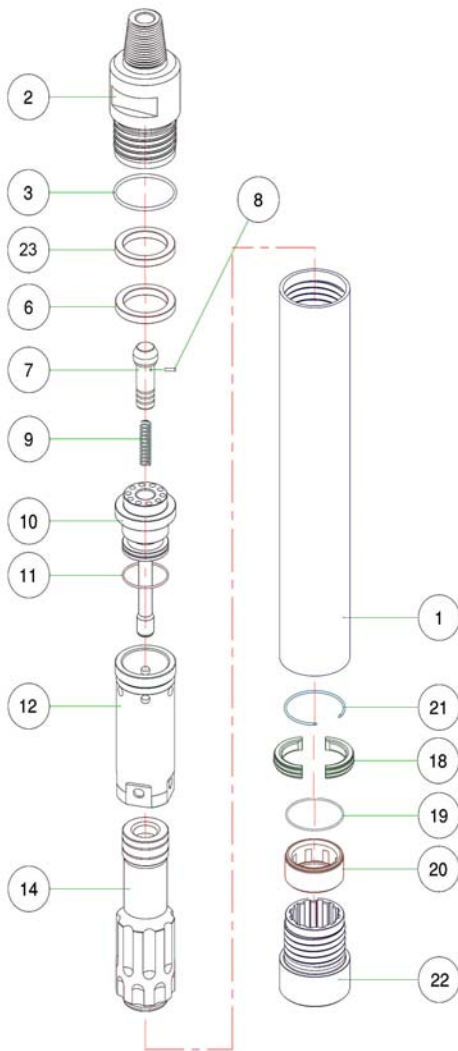
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*The newest generation of Drill King Hammers means faster penetration, longer life, and less down time due to down hole failures.*



No.	NOMENCLATURE	Qty	Part Number
<b>HAMMER ASSEMBLY (SD8)</b>			<b>HADK-A80-S</b>
1	WEAR SLEEVE	1	HPDK-A8001-S
2	TOP SUB	1	HPDK-A8002
3	TOP SUB O-RING	1	HPDK-A8003
6	MAKE UP RING	1	HPDK-A8006
7	CHECK VALVE	1	HPDK-A8007
8	CHOKE SET	1	HPDK-A8008
9	C.V. SPRING	1	HPDK-A8009
10	AIR DISTRIBUTOR	1	HPDK-A8010
11	AIR DIS. O-RING	1	HPDK-A8011
12	CYLINDER	1	HPDK-A8012
14	PISTON	1	HPDK-A8014-S
18	BIT RET. RING	1	HPDK-A8018-S
19	BIT RET. RING O-RING	1	HPDK-A8019
20	BIT BEARING	1	HPDK-A8020-S
21	SNAP RING	1	HPDK-A8021
22	DRIVE SUB	1	HPDK-A8022-S
23	PRESS RING	1	HPDK-A8023

### Drilling Parameters

Working Pressure	150-350
Application Bit	7-7/8-10-5/8"
Feed Force (lbs.)	2000-5000

### Air Consumption at Different Working Pressures

150 psi (scfm)	620
250 psi (scfm)	1025
350 psi (scfm)	1580

### Dimensions & Weights

TOP SUB : 4-1/2" API PIN	
Tool Length (in)	55.1
Outside Dia. (in)	7.16
Stroke (in)	4.00
Weight w/o Bit (lbs)	405
Piston Weight (lbs)	84