



### ***DKA80-QDW (DEEP WELL)HAMMER***

- ✓ ***QL80 SHANK DESIGN***
- ✓ ***SPECIFICALLY DESIGNED FOR DEEP HOLE DRILLING***
- ✓ ***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**

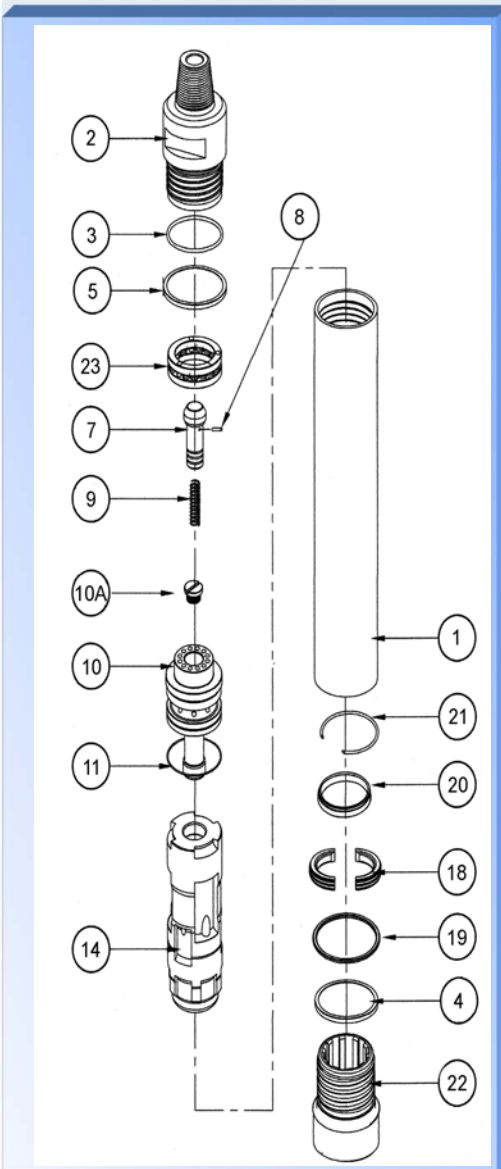
**820 Sixth Avenue ♦ Mansfield, TX 76063 ♦ USA**

**Main#: 817-539-2500 ♦ Fax#: 682-222-1050**

**Sales#: 817-539-2501 ♦ Toll Free#: 866-900-2487**

**[sales@drillking.net](mailto:sales@drillking.net) ♦ [www.drillking.net](http://www.drillking.net)**

*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 (QL80DW)</b>			<b>HADK-A80-QDW</b>
1	WEAR SLEEVE	1	HPDK-A8001-QDW
2	TOP SUB	1	HPDK-A8002
3	TOP SUB O-RING	1	HPDK-A8003-DW
4	WEAR WASHER (BTM)	1	HPDK-A8004-DW
5	WEAR WASHER (TOP)	1	HPDK-A8005-DW
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-DW
10A	CAP-AIR DISTRIBUTOR	1	HPDK-A8010A-DW
11	AIR DIS. O-RING	1	HPDK-A8011-DW
14	PISTON	1	HPDK-A8014-QDW
18	BIT RET. RING	1	HPDK-A8018-QDW
19	BIT RET. RING O-RING	1	HPDK-A8019-DW
20	BIT BEARING	1	HPDK-A8020-QDW
21	SNAP RING	1	HPDK-A8021-DW
22	DRIVE SUB	1	HPDK-A8022-Q
23	PRESS RING	1	HPDK-A8023-DW

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

Air Consumption at Different Working Pressures	
<b>150 psi (scfm)</b>	<b>620</b>
<b>250 psi (scfm)</b>	<b>1025</b>
<b>350 psi (scfm)</b>	<b>1580</b>

Dimensions & Weights	
<b>TOP SUB : 4-1/2" API PIN</b>	
<b>Tool Length (in)</b>	<b>55.3</b>
<b>Outside Dia. (in)</b>	<b>7.16</b>
<b>Stroke (in)</b>	<b>4.00</b>
<b>Weight w/o Bit (lbs)</b>	<b>405</b>
<b>Piston Weight (lbs)</b>	<b>84</b>

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