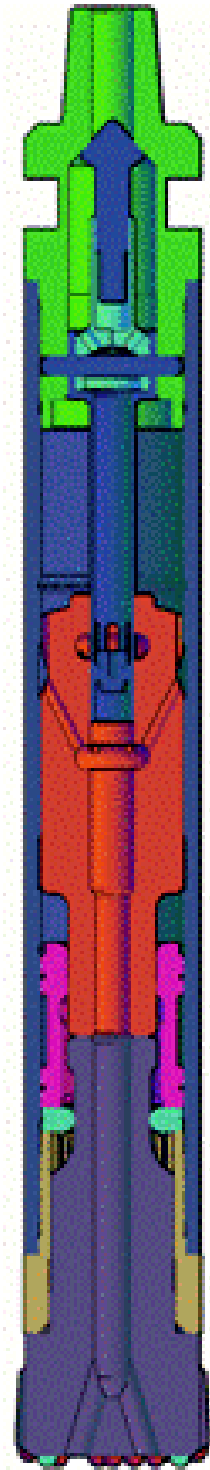


KGR DIAMOND 80

MODEL: DTH HAMMER-K80100.



KGR INDUSTRIES



CROSS SECTIONAL VIEW

S.No	DESCRIPTION	SPECIFICATIONS
1	HAMMER LENGTH	1100mm
2	OUTSIDE DIAMETER	177mm
3	HAMMER WEIGHT	160 Kgs
4	CYLINDER BORE	142mm
5	PISTON STROKE	110mm
6	PISTON WEIGTH	26kgs
7	WRENCH SIZE	600x200x60 (115 AF)
8	THREAD SIZE (API REG)	2 7/8" API IF PIN/BOX THD
9	PENETRATION RATE /hr @MAX.Pressure.	60ft/hr
10	BLOWS/Min @MAX.Pressure	2200
11	OPERATING PRESSURE RANGE (Max – Min)	150 PSI- 350 PSI 750CFM- 1250CFM
12	NORMAL LUBRICATION DOSAGE	2.5-3.0 liters/hr

KGR Industries is an ISO 9001:2000 Certified Company and is a manufacturer of DTH Hammers and Button Bits under the brand name of KGR.

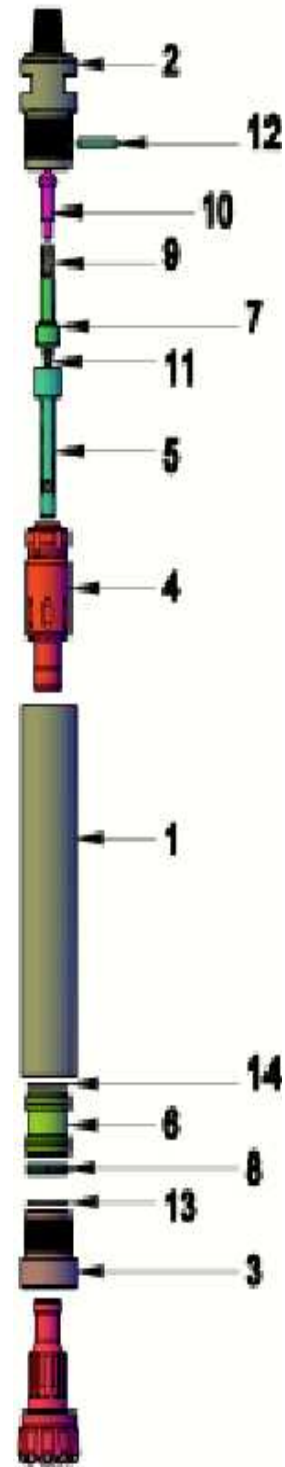
Equivalent Shank Type: MISSION-8, SD-8, DHD380, QL-80, MACH-88.



PARTS OF KGR DTH HAMMER

NOTE: As per the customer's specifications we manufacture all type of DTH Hammers & Button Bits.

PART LIST



EXPLODE VIEW

S.No	PART NAME	PART NO	REC SPARES
1	HAMMER CASE	K80101	--
2	COUPLER	K80102	--
3	FRONT CHUCK	K80103	01 No's
4	PISTON	K80104	01 No's
5	CONTROL TUBE	K80105	01 No's
6	GUIDE BUSH	K80106	--
7	TOP VALVE	K80107	--
8	BIT LOCK	K80108	01 No's
9	SPRING	K80109	01 No's
10	CHUCK VALVE	K80110	01 No's
11	CHOKE	K80111	01 No's
12	PIN	K80112	01 No's
13	'O-RING	K80113	--

S.No	SUITABLE BITS FOR KGR DIAMOND 80	PART NO	BIT DIA (mm)
1	8" KGR D80 Bit	G80204	204.0
2	8 1/2" KGR D80 Bit	G80216	216.0
3	9" KGR D80 Bit	G80229	229.0
4	9 1/2" KGR D80 Bit	G80242	242.0
5	10" KGR D80 Bit	G80254	254.0
6	10 1/2" KGR D80 Bit	G80267	267.0
7	11" KGR D80 Bit	G80280	280.0
8	11 1/2" KGR D80 Bit	G80293	293.0
9	12" KGR D80 Bit	G80305	305.0
10	12 1/4" KGR D80 Bit	G80311	311.0
11	12 1/2" KGR D80 Bit	G80318	317.5
12	13" KGR D80 Bit	G80330	330.0

KGR INDUSTRIES

An ISO 9001:2000 Certified Company

Manufacturers of DTH Hammers & Buttons Bits

Shed No 70-72, Plot no 194, Phase-II, IDA,

Cherlapally, Hyderabad-5000 051, AP, INDIA.

Phone: +91-40-69903711, Fax: +91-40-27260508, Cell: +91-98480 22014,

+91- 9347143444,

E-mail: drillingneeds@kgrindustries.co.in , govind@kgrindustries.co.in

Visit us at: www.kgrindustries.co.in