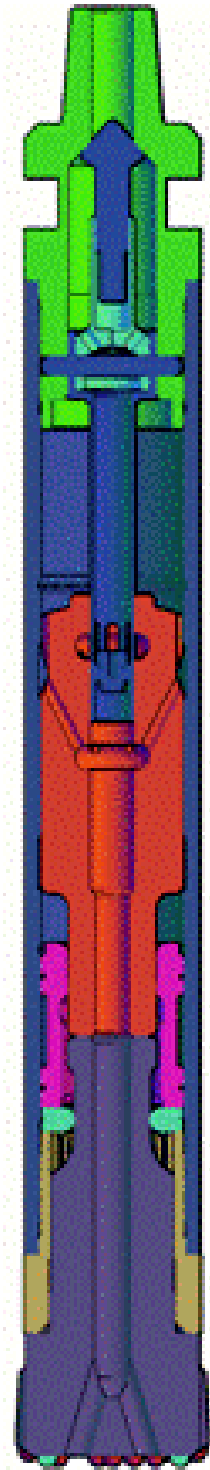


KGR DIAMOND 120

MODEL: DTH HAMMER-K120100.



KGR INDUSTRIES



**CROSS SECTIONAL
VIEW**

| S.No | DESCRIPTION | SPECIFICATIONS |
|------|---|---------------------------------------|
| 1 | HAMMER LENGTH | 1480mm |
| 2 | OUTSIDE DIAMETER | 273mm |
| 3 | HAMMER WEIGHT | 520 Kgs |
| 4 | CYLINDER BORE | 225mm |
| 5 | WRENCH SIZE | 700x350x60(200 AF) |
| 6 | THREAD SIZE (API REG) | 6 5/8" API IF PIN/BOX THD |
| 7 | BLOWS/Min @MAX.Pressure | 1800 |
| 8 | OPERATING PRESSURE RANGE (Max – Min) | 200 PSI - 350 PSI 1800CFM- 3200CFM |

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.

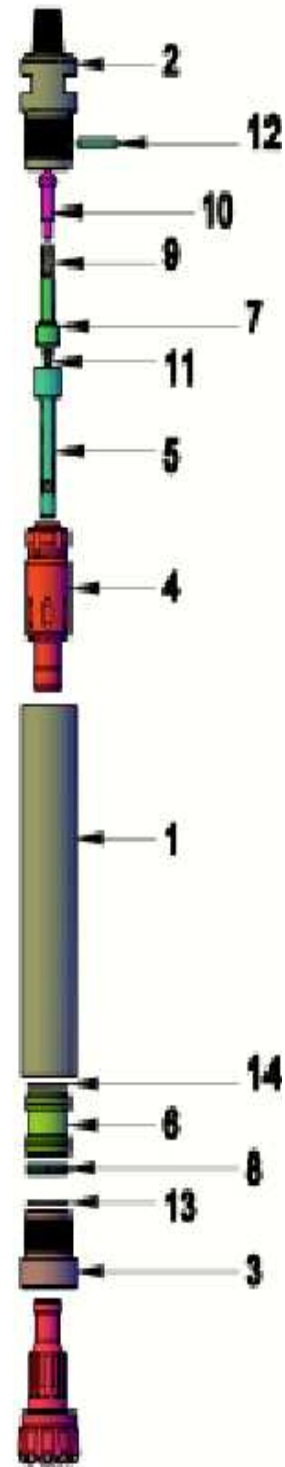
Equivalent Shank Type: SD-10, NUMA-125.



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 | K120101 | -- |
| 2 | COUPLER | K120102 | -- |
| 3 | FRONT CHUCK | K120103 | 01 No's |
| 4 | PISTON | K120104 | 01 No's |
| 5 | CONTROL TUBE | K120105 | 01 No's |
| 6 | GUIDE BUSH | K120106 | -- |
| 7 | TOP VALVE | K120107 | -- |
| 8 | BIT LOCK | K120108 | 01 No's |
| 9 | SPRING | K120109 | 01 No's |
| 10 | CHUCK VALVE | K120110 | 01 No's |
| 11 | CHOKE | K120111 | 01 No's |
| 12 | PIN | K120112 | 01 No's |
| 13 | 'O-RING | K120113 | -- |

| S.No | SUITABLE BITS FOR KGR DIAMOND 120 | PART NO | BIT DIA (mm) |
|------|-----------------------------------|---------|--------------|
| 1 | 12" KGR D120 Bit | G120305 | 305.0 |
| 2 | 14" KGR D120 Bit | G120356 | 356.0 |
| 3 | 15" KGR D120 Bit | G120381 | 381.0 |
| 4 | 16" KGR D120 Bit | G120407 | 407.0 |
| 5 | 17" KGR D120 Bit | G120432 | 432.0 |
| 6 | 20" KGR D120 Bit | G120508 | 508.0 |

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