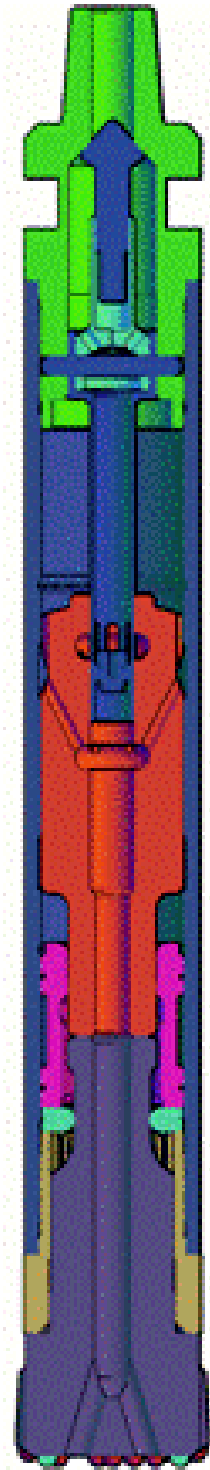


KGR DIAMOND 100

MODEL: DTH HAMMER-K100100.



KGR INDUSTRIES



CROSS SECTIONAL VIEW

| S.No | DESCRIPTION | SPECIFICATIONS |
|------|---|-------------------------------------|
| 1 | HAMMER LENGTH | 1480mm |
| 2 | OUTSIDE DIAMETER | 230mm |
| 3 | HAMMER WEIGHT | 320 Kgs |
| 4 | CYLINDER BORE | 185mm |
| 5 | PISTON STROKE | 110mm |
| 6 | PISTON WEIGTH | 47 kgs |
| 7 | WRENCH SIZE | 700x225x50(170 AF) |
| 8 | THREAD SIZE (API REG) | 6 5/8" API IF PIN/BOX THD |
| 9 | PENETRATION RATE /hr @MAX.Pressure. | 60ft/hr |
| 10 | BLOWS/Min @MAX.Pressure | 2000 |
| 11 | OPERATING PRESSURE RANGE (Max – Min) | 200 PSI- 350 PSI 980CFM- 2000CFM |
| 12 | NORMAL LUBRICATION DOSAGE | 3.0-4.0 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.

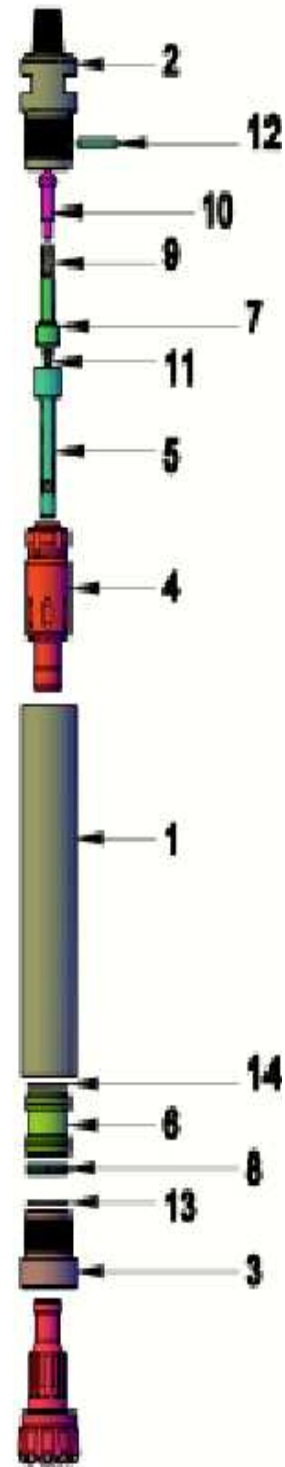
Equivalent Shank Type: SD-10, NUMA-100.



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 | K100101 | -- |
| 2 | COUPLER | K100102 | -- |
| 3 | FRONT CHUCK | K100103 | 01 No's |
| 4 | PISTON | K100104 | 01 No's |
| 5 | CONTROL TUBE | K100105 | 01 No's |
| 6 | GUIDE BUSH | K100106 | -- |
| 7 | TOP VALVE | K100107 | -- |
| 8 | BIT LOCK | K100108 | 01 No's |
| 9 | SPRING | K100109 | 01 No's |
| 10 | CHUCK VALVE | K100110 | 01 No's |
| 11 | CHOKE | K100111 | 01 No's |
| 12 | PIN | K100112 | 01 No's |
| 13 | 'O-RING | K100113 | -- |

| S.No | SUITABLE BITS FOR KGR DIAMOND 100 | PART NO | BIT DIA (mm) |
|------|-----------------------------------|---------|--------------|
| 1 | 10" KGR D100 Bit | G100254 | 254.0 |
| 2 | 10 1/2" KGR D100 Bit | G100267 | 267.0 |
| 3 | 11" KGR D100 Bit | G100280 | 280.0 |
| 4 | 11 1/2" KGR D100 Bit | G100293 | 293.0 |
| 5 | 12" KGR D100 Bit | G100305 | 305.0 |
| 6 | 12 1/4" KGR D100 Bit | G100312 | 311.0 |
| 7 | 12 1/2" KGR D100 Bit | G100318 | 318.0 |
| 8 | 13" KGR D100 Bit | G100330 | 330.0 |
| 9 | 13 1/2" KGR D100 Bit | G100343 | 343.0 |
| 10 | 14" KGR D100 Bit | G100356 | 356.0 |
| 11 | 14 1/2" KGR D100 Bit | G100369 | 369.0 |
| 12 | 15" KGR D100 Bit | G100381 | 381.0 |

KGR INDUSTRIES

An ISO 9001:2000 Certified Company

Manufacturers of DTH Hammers & Buttons Bits

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