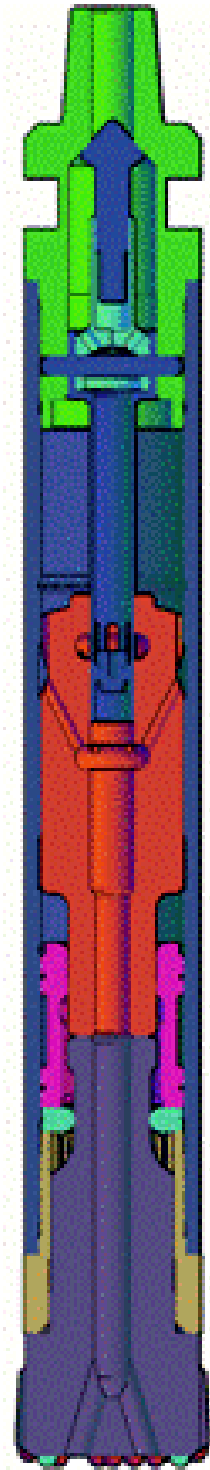


# KGR DIAMOND 30

## MODEL: DTH HAMMER-K30100.



# KGR INDUSTRIES



**CROSS SECTIONAL VIEW**

| S.No | DESCRIPTION                                  | SPECIFICATIONS                     |
|------|--|------------------------------------|
| 1    | <b>HAMMER LENGTH</b>                         | 800mm                              |
| 2    | <b>OUTSIDE DIAMETER</b>                      | 65mm                               |
| 3    | <b>HAMMER WEIGHT</b>                         | 30 Kgs                             |
| 4    | <b>CYLINDER BORE</b>                         | 60mm                               |
| 5    | <b>PISTON STROKE</b>                         | 100mm                              |
| 6    | <b>PISTON WEIGTH</b>                         | 5 kgs                              |
| 7    | <b>WRENCH SIZE</b>                           | 450x120x25 (65 AF)                 |
| 8    | <b>THREAD SIZE (API REG)</b>                 | 2 3/8" API IF<br>PIN/BOX THD       |
| 9    | <b>PENETRATION RATE /hr @MAX.Pressure.</b>   | 30ft/hr                            |
| 10   | <b>BLOWS/Min @MAX.Pressure</b>               | 1450                               |
| 11   | <b>OPERATING PRESSURE RANGE (Max – Min )</b> | 150 PSI- 250 PSI<br>180CFM- 300CFM |
| 12   | <b>NORMAL LUBRICATION DOSAGE</b>             | 1.2-1.5 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.

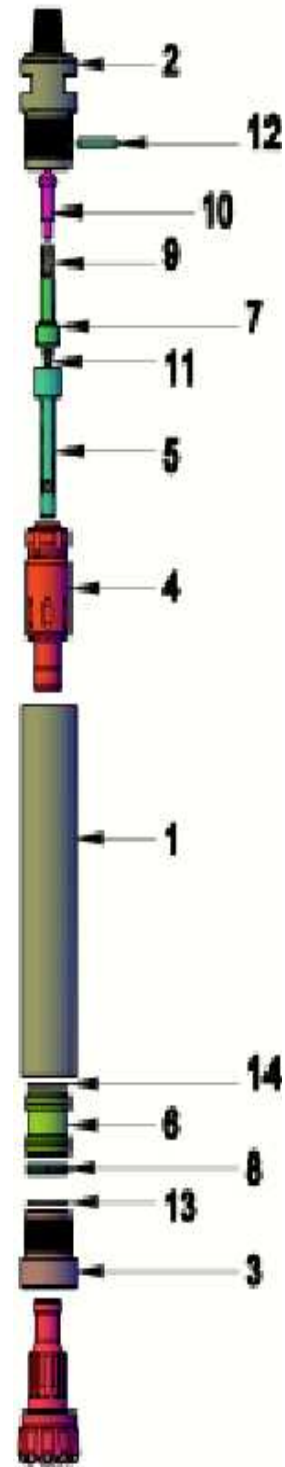
**Equivalent Shank Type: COP 34, CHEETAH.**



**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  | K30101  | --         |
| 2    | COUPLER      | K30102  | --         |
| 3    | FRONT CHUCK  | K30103  | 01 No's    |
| 4    | PISTON       | K30104  | 01 No's    |
| 5    | CONTROL TUBE | K30105  | 01 No's    |
| 6    | GUIDE BUSH   | K30106  | --         |
| 7    | TOP VALVE    | K30107  | --         |
| 8    | BIT LOCK     | K30108  | 01 No's    |
| 9    | SPRING       | K30109  | 01 No's    |
| 10   | CHUCK VALVE  | K30110  | 01 No's    |
| 11   | CHOKE        | K30111  | 01 No's    |
| 12   | PIN          | K30112  | 01 No's    |
| 13   | 'O-RING      | K30113  | --         |

| S.No | SUITABLE BITS FOR KGR DIAMOND 30 | PART NO | BIT DIA (mm) |
|------|----------------------------------|---------|--------------|
| 1    | 3" KGR D30 Bit.                  | G30077  | 77.0         |
| 2    | 3 1/2" KGR D30 Bit               | G30089  | 89.0         |

## KGR INDUSTRIES

**An ISO 9001:2000 Certified Company  
 Manufacturers of DTH Hammers & Buttons Bits**

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