

# BD54 MARTEAUX à CIRCULATION INVERSE

## BD54 R.C. HAMMER

| 5.5" R.C. Hammers | Item Description | Weight Kg | Part Number |
|-------------------|------------------|-----------|-------------|
|-------------------|------------------|-----------|-------------|



| A Top sub Assy Remet 4.5"  |  |       |   |
|----------------------------|--|-------|---|
| 1                          | Top Sub-Remet 4.5"                         | 11.61 | BD54-TSUB-R4.5                              |
| 2                          | O Ring (Adaptor Tube Remet 4.5") x 2       | 0.02  | BD54-SK-ASCREEEN-R4.5                       |
| 3                          | Adaptor Tube Remet 4.5"                    | 2.35  | BD54-ASCREEEN-R4.5                          |
| 4                          | Air Screen                                 | 0.50  | BD54-AIRSCREEN                              |
| 5                          | O Ring (Air Screen) x 2                    | 0.02  | BD54-SK-AIRSCREEN                           |
| 6                          | Circlip                                    | 0.04  | BD54-CIRCLIP                                |
| B Top sub Assy Metzke 4.5" |  |       |   |
| 1                          | Top Sub-Metzke 4.5"                        | 11.61 | BD54-TSUB-M4.5                              |
| 2                          | Adaptor Tube Metzke 4.5"                   | 2.35  | BD54-ASCREEEN-M4.5                          |
| 3                          | Air Screen                                 | 0.5   | BD54-AIRSCREEN                              |
| 4                          | O Ring (Air Screen) x 2                    | 0.02  | BD54-SK-AIRSCREEN                           |
| 5                          | Circlip                                    | 0.04  | BD54-CIRCLIP                                |
| Parts List                 |  |       |   |
| 7                          | Check Valve/Plunger                        | 0.58  | BD54-CVALVE                                 |
| 8                          | Y Ring (Check Valve)                       | 0.02  | BD54-SK-CVALVE                              |
| 9                          | Spring                                     | 0.12  | BD54-SPRING                                 |
| 10                         | Spring Seat                                | 0.12  | BD54-SSEAT                                  |
| 11                         | Make Up Ring, Steel                        | 0.14  | BD54-MUR-STEEL                              |
| 12                         | Make Up Ring, Viton                        | 0.06  | BD54-MUR-VITON                              |
| 13                         | Distributor                                | 1.54  | BD54-DIST                                   |
| 14                         | O Ring (Distributor)                       | 0.02  | BD54-SK-DIST                                |
| 15                         | O Ring (Sample Tube) x 2                   | 0.02  | BD54-SK-STUBE1                              |
| 16                         | O Ring (Sample Tube) x 1                   | 0.02  | BD54-SK-STUBE2                              |
| 17                         | Sample Tube Lower                          | 6.47  | BD54-STUBE                                  |
| 18                         | Mount Sample Tube                          | 1.00  | BD54-STUBE-MOUNT                            |
| 19                         | O Ring (Mount Sample Tube)                 | 0.02  | BD54-SK-STUBE-M                             |
| 20                         | Inner Cylinder                             | 8.54  | BD54-ICYL                                   |
| 21                         | Piston                                     | 16.8  | BD54-PISTON                                 |
| 22                         | External Cylinder/Barrel/Piston Case       | 23.44 | BD54-ECYL                                   |
| 23                         | Piston Retaining Ring                      | 0.2   | BD54-PRING                                  |
| 24                         | Bearing Bush                               | 1.89  | BD54-BUSH                                   |
| 25                         | O Ring (Bearing Bush) x 1                  | 0.02  | BD54-SK-BUSH1                               |
| 26                         | O Ring (Bearing Bush) x 1                  | 0.02  | BD54-SK-BUSH2                               |
| 27                         | Bit Stop Ring                              | 0.43  | BD54-SRING                                  |
| 28                         | O Ring (Bit Stop Ring)                     | 0.02  | BD54-SK-SRING                               |
| 29                         | Shroud (Retaining Option)                  | 2.35  | BD54 SHROUD-143/141 or BD54R-SHROUD-136/134 |
| 30                         | Drive Sub (Retaining Option)               | 4.9   | BD54-DSUB or BD54R-DSUB                     |
| 31                         | Drill Bit (Retaining Option)               | 18.33 | BD54-143DC or BD54R-143DC                   |
| 32                         | Seal Kit (Item 2+4+8+14+15+16+19+25+26+28) | 0.3   | BD52-SK                                     |

### Technical Data

| Length(Less bit) | Weight(Less bit)      | External Diameter          | Bit Shank | Hole Range                    | Connection Thread         |
|------------------|-----------------------|----------------------------|-----------|-------------------------------|---------------------------|
| 1294mm           | 84.5kg                | Φ130mm                     | BD54      | Φ136- Φ150                    | 4.5" Remet<br>4.5" Metzke |
| Working Pressure | Impact rate At 2.4Mpa | Recommended rotation speed |           | Air Consumption               |                           |
| 1.5-3.5Mpa       | 35Hz                  | 25-40r/min                 |           | 200-500(PSI)<br>300-1200(CFM) |                           |