

# ***HADK-T1000-N***

## ***AIR HAMMER (NUMA 100)***



### **Key features**

- Numa 100 Shank Design
- Superior Technology
- Standard bit diameters, 9 1/2" - 14" (241 - 356mm)
- Delivers more energy per blow
- Hardened piston for extended life
- Repair & Rebuild kits available for easy and cost effective maintenance

## Parts List (NUMA 100)

| NO | Part Name                | Qty | Part Number       |
|----|--------------------------|-----|-------------------|
| 1  | Top Sub                  | 1   | HPDK-T10002-N     |
| 2  | Top Sub O-Ring           | 1   | HPDK-T10003-N     |
| 3  | Check Valve              | 1   | HPDK-T10007-N     |
| 4  | C.V. Spring              | 1   | HPDK-T10009-N     |
| 5  | Choke Set                | 1   | HPDK-T10008-N     |
| 6  | Make Up Ring             | 1   | HPDK-T10004-N     |
| 7  | Air Distributor          | 1   | HPDK-T10010-N     |
| 8  | Air Dis. O-Ring          | 1   | HPDK-T10011-N     |
| 9  | Cylinder                 | 1   | HPDK-T10012-N     |
| 10 | Piston                   | 1   | HPDK-T10014-N     |
| 11 | Wear Sleeve              | 1   | HPDK-T10001-N     |
| 12 | Piston Ret. Ring         | 1   | HPDK-T10017-N     |
| 13 | Bit Ret. Ring            | 1   | HPDK-T10018-N     |
| 14 | Bit Ret. Ring O-Ring     | 1   | HPDK-T10019-N     |
| 15 | Chuck                    | 1   | HPDK-T10022-N     |
|    | Sealkit (Items 2, 8, 14) | 1   | HPDK-T1000SEALKIT |
|    | Complete Hammer          |     | HADK-T1000-N      |

### Dimensions & Weights

|                          |                    |
|--------------------------|--------------------|
| Top Sub Connection       | 6 5/8" API REG PIN |
| Eff. Length (in / mm)    | 56.03 / 1423       |
| OD (in / mm)             | 8.86 / 225         |
| Hammer Weight (lbs / Kg) | 772 / 350          |
| Piston Weight (lbs / Kg) | 117 / 53           |

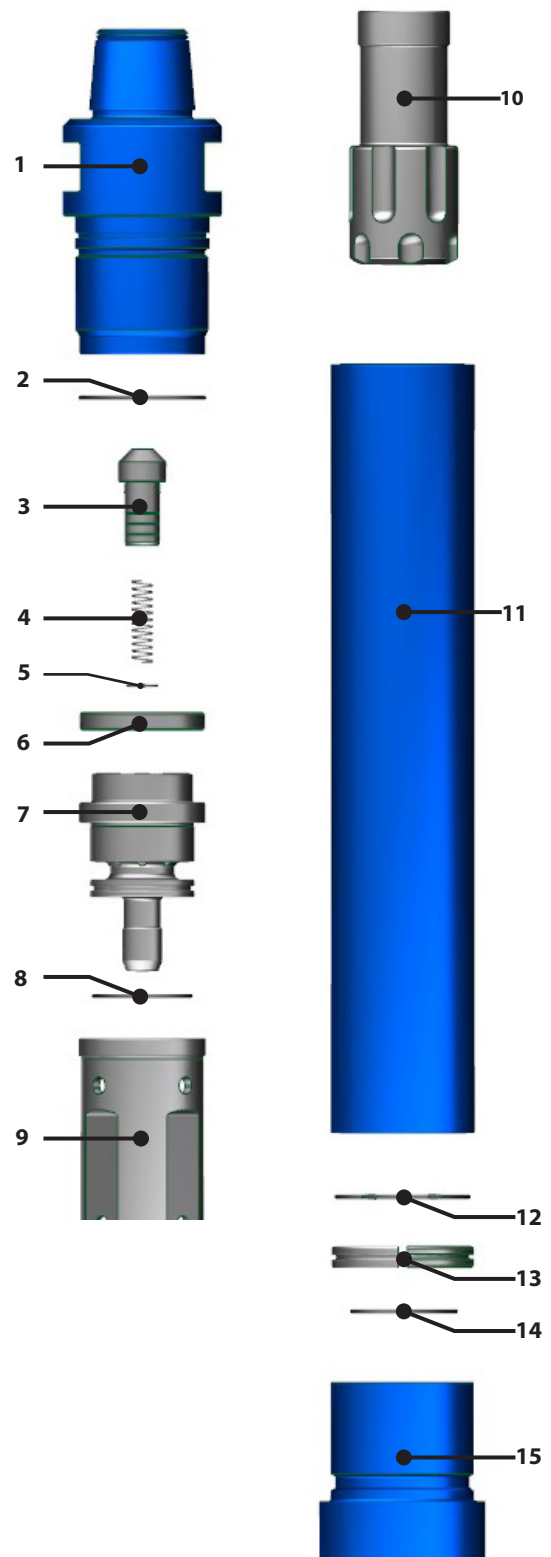
### Drilling Parameters

|                                       |                     |
|---------------------------------------|---------------------|
| Working Pressure (PSI / Bar)          | 150-250 / 10.3-17.2 |
| Application Bit (in / mm)             | 9.5-14 / 241-356    |
| Rotation Speed (RPM)                  | 10 / 25             |
| Assembly Make-Up Torque (lb-Ft / N-m) | 12000 / 16272       |
| Rotation Torque (lb-Ft / N-m)         | 3000 / 4068         |
| Frequency (blows / min)               | 1200 / 1450         |

### Air Consumption

| PSI | BAR  | CFM  | M <sup>3</sup> /Min |
|-----|------|------|---------------------|
| 150 | 10.3 | 690  | 19.5                |
| 200 | 13.9 | 980  | 27.5                |
| 250 | 17.3 | 1290 | 36.5                |

## Exploded view



**Note:** Drilling Parameters given are guideline only