

# 12V Max Hammer Driver Drill





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## **Product Objectives**

- Designed to suit the needs of kitchen fitters, second fix carpenters, electricians, plumbers and mechanics
- Develop a powerful Hammer Driver Drill that is compact and lightweight
- HP333D replaces HP331D



## **Product Overview**



## **Product Specification Sheet**



| Max. drilling capacities in wood    | 21mm                                  |
|-------------------------------------|---------------------------------------|
| Max. drilling capacities in steel   | 10mm                                  |
| Max. drilling capacities in masonry | 8mm                                   |
| No load speed                       | Hi: 0 - 1,700rpm<br>Lo: 0 - 450rpm    |
| Impact rate                         | Hi: 0 - 25,500ipm<br>Lo: 0 - 6,750ipm |
| Max. lock torque                    | 28Nm                                  |
| Max. tightening torque              | Hard: 30Nm<br>Soft: 14Nm              |
| Overall length                      | 193mm                                 |
| Skin weight                         | 0.93kg                                |
| Weight (with battery)               | 1.3kg                                 |
| Voltage                             | 12V Max                               |

- Enhanced Anvil Holder Rigidity change from needle bearing to ball bearing reduces bit wobble
- **Rigid 10mm (3/8") Keyless Chuck** allows user to quickly change between drill bits by unscrewing and tightening the drill chuck
- **Torque Settings** 20 stages plus drill mode provide ultimate control for the task at hand
- LED Job Light with pre-glow and after glow function, lights up the work piece making it easier to view the work area
- Variable Speed Trigger trigger has been designed so that the drill speed can be easily controlled by the trigger
- **Mechanical 2 Speed Gearing** provides the user with more control of the tool, allowing selection between 2 speeds
- Ergonomic Design lightweight and more compact than previous model

## **Advantages**

### Design



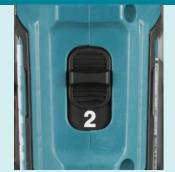
Enhanced anvil holder rigidity (reduction of bit wobble)

### Control



### 20 torque settings plus drill mode

### Performance



Mechanical 2 speed gearing for better performance

### Convenience



LED job light with pre-glow and after glow functions

## Product Replacement

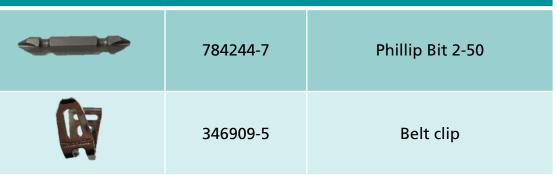
|                                     | HP333D - NEW   | HP331D - Discontinued                 |  |  |
|-------------------------------------|--|---------------------------------------|--|--|
|                                     | and the second sec | Trakita                               |  |  |
| Max. drilling capacities in wood    | 21mm   | 21mm                                  |  |  |
| Max. drilling capacities in steel   | 10mm   | 10mm                                  |  |  |
| Max. drilling capacities in masonry | 8mm  | 8mm                                   |  |  |
| No load speed                       | Hi: 0 - 1,700rpm<br>Lo: 0 - 450rpm   | Hi: 0 - 1,700rpm<br>Lo: 0 - 450rpm    |  |  |
| Impact rate                         | Hi: 0 - 25,500ipm<br>Lo: 0 - 6,750ipm  | Hi: 0 - 25,500ipm<br>Lo: 0 - 6,750ipm |  |  |
| Max. lock torque                    | 28Nm   | 28Nm                                  |  |  |
| Max. tightening torque              | Hard: 30Nm<br>Soft: 14Nm   | Hard: 30Nm<br>Soft: 14Nm              |  |  |
| Torque Settings                     | 20 Stages + Drill Mode   | 18 Stages + Drill Mode                |  |  |
| Overall length                      | 193mm  | 201mm                                 |  |  |
| Skin weight                         | 0.93kg   | 0.93kg                                |  |  |
| Weight (with battery)               | 1.3kg  | 1.3kg                                 |  |  |
| Voltage                             | 12V Max  | 12V Max                               |  |  |

# **SOur Range**

|                                     | HP333D -<br>NEW  | HP332D                                | DF332D                             | DF333D  | DF032D                             | DF033D                             |
|-------------------------------------|--|---------------------------------------|------------------------------------|---|------------------------------------|------------------------------------|
|                                     | in the second seco | Turida<br>BLC<br>MOTOR                |                                    | The second |                                    |                                    |
| Max. drilling capacities in wood    | 21mm   | 28mm                                  | 28mm                               | 21mm  | 28mm                               | 21mm                               |
| Max. drilling capacities in steel   | 10mm   | 10mm                                  | 10mm                               | 10mm  | 10mm                               | 10mm                               |
| Max. drilling capacities in masonry | 8mm  | 8mm                                   | -                                  | -   | -                                  | -                                  |
| No load speed                       | Hi: 0 - 1,700rpm<br>Lo: 0 - 450rpm   | Hi: 0 - 1,500rpm<br>Lo: 0 - 450rpm    | Hi: 0 - 1,500rpm<br>Lo: 0 - 450rpm | Hi: 0 - 1,700rpm<br>Lo: 0 - 450rpm  | Hi: 0 - 1,500rpm<br>Lo: 0 - 450rpm | Hi: 0 - 1,700rpm<br>Lo: 0 - 450rpm |
| Impact rate                         | Hi: 0 - 25,500ipm<br>Lo: 0 - 6,750ipm  | Hi: 0 - 22,500ipm<br>Lo: 0 - 6,750ipm | -                                  | -   | -                                  | -                                  |
| Max. lock torque                    | 28Nm   | 32Nm                                  | 32Nm                               | 28Nm  | 32Nm                               | 28Nm                               |
| Max. tightening torque              | Hard: 30Nm<br>Soft: 14Nm   | Hard:35Nm<br>Soft: 21Nm               | Hard: 35Nm<br>Soft: 21Nm           | Hard: 30Nm<br>Soft: 14Nm  | Hard: 35Nm<br>Soft: 21Nm           | Hard: 30Nm<br>Soft: 14Nm           |
| Overall length                      | 193mm  | 168mm                                 | 154mm                              | 179mm   | 124mm                              | 149mm                              |
| Skin weight                         | 0.93kg   | 0.93kg                                | 0.87kg                             | 0.87kg  | 0.63kg                             | 0.72kg                             |
| Weight (with battery)               | 1.3kg  | 1.3kg                                 | 1.2kg                              | 1.2kg   | 1.0kg                              | 1.1kg                              |
| Voltage                             | 12V Max  | 12V Max                               | 12V Max                            | 12V Max   | 12V Max                            | 12V Max                            |

### Accessories

#### **Standard Accessories**



### **Optional Accessories**



### Wood Drilling (3-21mm)

Flat spade bits Brad point drill bit Forstner drill bit Single spur auger bit Ship wood auger bit Self feeding bit



### **Optional Accessories**



### <u>Metal Drilling</u> (1-10mm)

HSS-G metal drill bit HSS-R metal drill bit Double ended HSS-R drill bit M-Force metal drill bit HSS-TiN metal drill bit HSS-Co metal drill bit

### Screwing and fastening

Standard screw driving bits Standard flip top case Standard screwdriver bulk jars