



Photo: HP331D



Best possible ergonomic handle for driver-drill applications

A In order to provide maximum thrust to the bit, the top back of the handle is ergonomically contoured and widened according to the U-shape formed between user's thumb and index finger.

B Ribbed rubber grip enables all finger tips to hold the handle securely against the strong rotational force of counter torque even in single-handed operation.



BL1015
10.8V 1.5Ah

BL1020B
10.8V 2.0Ah
with Battery fuel gauge

BL1040B
10.8V 4.0Ah
with Battery fuel gauge

Cordless Driver Drill — DF331D / DF031D 10mm (3/8")

- Torque Setting 18
- Brake
- Mechanical 2-Speed
- Variable Speed
- Reversing
- Built-in Job Light
- Carrying Case

	DF331D	DF031D
Capacity	Steel : 10mm (3/8")	Steel : 10mm (3/8")
	Wood : 21mm (13/16")	Wood : 21mm (13/16")
No load speed (rpm)	Hi : 0-1,700	Hi : 0-1,700
	Lo : 0-450	Lo : 0-450
Max tightening torque	Hard / Soft : 30 / 14N·m	Hard / Soft : 30 / 14N·m
Max lock torque	28N.m (250in.lbs)	28N.m (250in.lbs)
Dimensions (L x W x H)	189x66x209mm (7-7/16"x2-5/8"x8-1/4")	157x66x209mm (6-3/16"x2-5/8"x8-1/4")
Net weight*	1.1kg (2.4lbs) with BL1020B	0.94kg (2.1lbs) with BL1020B
	1.3kg (2.8lbs) with BL1040B	1.1kg (2.4lbs) with BL1040B

Standard Equipment : Battery, Charger, Battery cover, Belt clip, Phillips bit

Cordless Hammer Driver Drill — HP331D 10mm (3/8")

- Torque Setting 18
- Brake
- Mechanical 2-Speed
- Variable Speed
- Reversing
- Built-in Job Light
- Carrying Case

Capacity	Steel : 10mm (3/8")
	Wood : 21mm (13/16")
	Masonry : 8mm (5/16")
Impacts per minute (ipm)	Hi : 0-25,500
	Lo : 0-6,750
No load speed (rpm)	Hi : 0-1,700
	Lo : 0-450
Max tightening torque	Hard / Soft : 30 / 14N·m
Max lock torque	28N.m (250in.lbs)
Dimensions	201x66x209mm
(L x W x H)	(7-7/8"x2-5/8"x8-1/4")
Net weight*	1.1kg (2.5lbs) with BL1020B
	1.3kg (2.9lbs) with BL1040B

Standard Equipment : Battery, Charger, Battery cover, Belt clip, Phillips bit

Cordless Impact Driver — TD110D

- Variable Speed
- Brake
- Reversing
- Built-in Job Light
- Carrying Case

Capacity	Machine screw :
	M4 - M8mm (5/32" - 5/16")
	Standard bolt :
	M5 - M12 (3/16" - 1/2")
	High strength bolt :
	M5 - M10 (3/16" - 3/8")
	Coarse thread (in length):
	22 - 90mm (7/8" - 3-1/2")
Impacts per minute (ipm)	0-3,500
No load speed (rpm)	0-2,600
Max tightening torque	110N.m (970in.lbs)
Dimensions (L x W x H)	153x66x204mm (6"x2-5/8"x8-1/8")
Net weight*	1.0kg (2.3lbs) with BL1020B
	1.2kg (2.6lbs) with BL1040B

Standard Equipment : Charger, Battery cartridge, Belt clip, Phillips bit

**weight according to EPTA-Procedure 01/2003*

Items of standard equipment and specifications may vary by country or area.

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Satisfy Professional's Needs

Cordless Driver Drill
Cordless Hammer Driver Drill
Cordless Impact Driver



Powered by Slide Li-ion Battery of Makita's New 10.8V Platform





Cordless Hammer Driver Drill
10mm (3/8")
HP331D

Cordless Impact Driver
TD110D

Cordless Driver Drill
10mm (3/8")
DF331D

Cordless Driver Drill
10mm (3/8")
DF031D

Fast Charging

22 minutes

DC10SA

to fully charge a 1.5Ah slide Li-ion battery



DC10SA

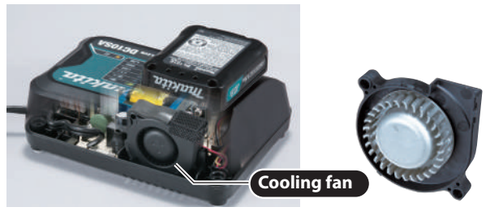


BL1015

Developed specially for charging the slide Li-ion batteries of new 10.8V platform

Forced air cooling system DC10SA only

- Stand-by time until the charge starts can be greatly shortened by using charger DC10SA equipped with a built-in cooling fan.
- Effectively cools down every battery cell with the forced air cooling system and the heat sinks.



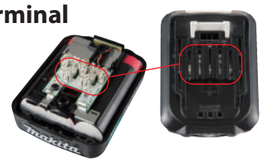
Compact and lightweight design

DC10WD provides higher charging performance than DC10WA, but with a more compact and lightweight design.
(It's same charging time(50mim.)as DC10WA for 1.3Ah battery although the new battery is 1.5Ah.)



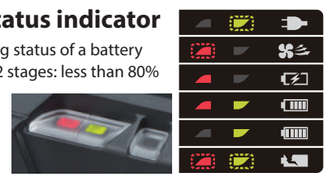
Multi-Contact Slide-type Terminal

- Ensures stable contact with tool even under extreme vibration.
- Allows tools to be equipped with an ergonomic handle design.



Charging status indicator

shows the charging status of a battery being charged in 2 stages: less than 80% and 80% or more.



Wall mountable for charging

can be mounted on the wall for charging, allowing the user to obtain maximum working space on workbench.



Li-ion Battery & Charger Time Reference, Compatibility Chart

	BL1015 10.8V 1.5Ah	BL1020B 10.8V 2.0Ah with Battery fuel gauge	BL1040B 10.8V 4.0Ah with Battery fuel gauge
DC10SA for 10.8V	22 min	30 min	60 min
DC10WC for 10.8V	50 min	70 min	130 min

Battery fuel gauge

(BL1020B, BL1040B)

The power remaining in the battery can be indicated in 4 stages simply by pushing a button.



Compact eXtreme Technology

Increased motor power for higher application speed and max tightening torque



Cordless Driver Drill

DF331D
DF031D

6.35mm (1/4")
Hex chuck

No load speed:
0-1,700rpm
Max tightening torque:
30N·m (270in·lbs)
(Hard joint)





Cordless Hammer Driver Drill

HP331D

No load speed: 0-1,700rpm
Max tightening torque:
30N·m (270in·lbs) (Hard joint)





Cordless Impact Driver

TD110D

No load speed: 0-2,600rpm
Max tightening torque:
110N·m(970in·lbs) (Hard joint)

