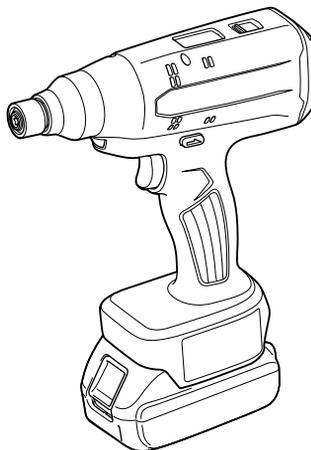
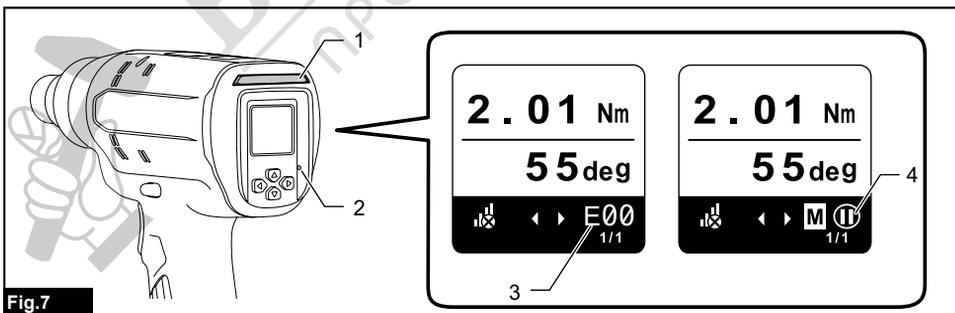
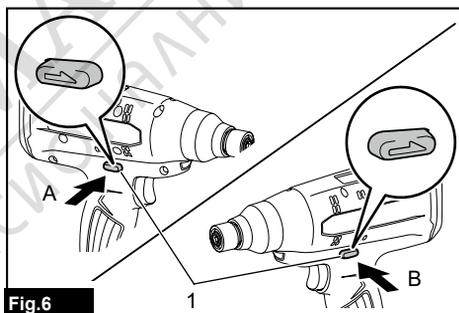
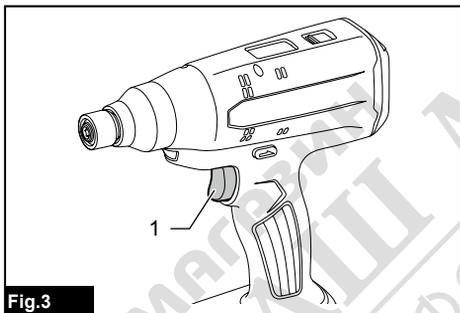
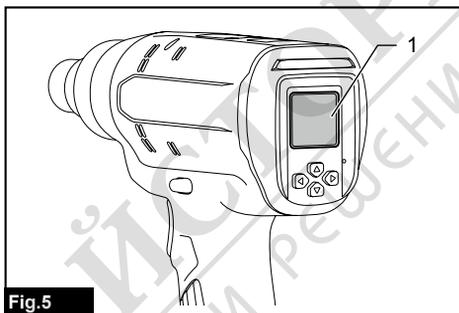
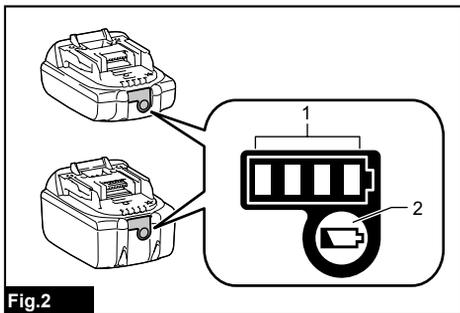
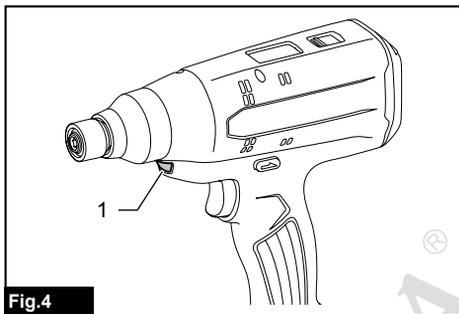
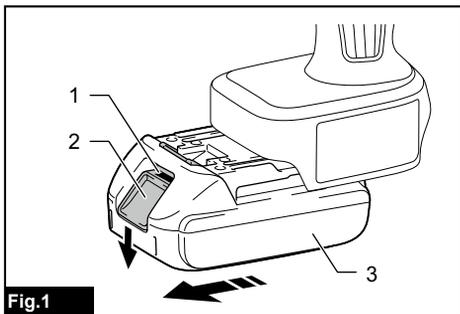




EN	Cordless Screwdriver	INSTRUCTION MANUAL	5
SV	Batteridrivnen momentskruvdragare	BRUKSANVISNING	15
NO	Batteridrevet skrutrekker	BRUKSANVISNING	25
FI	Akkukäyttöinen ruuvinväännin	KÄYTTÖOHJE	35
DA	Akku skruetrækker	BRUGSANVISNING	45
LV	Bezvadu skrūvgriezis	LIETOŠANAS INSTRUKCIJA	55
LT	Belaidis atsuktuvvas	NAUDOJIMO INSTRUKCIJA	66
ET	Juhtmeta kruvikeeraja	KASUTUSJUHEND	77
RU	Аккумуляторный шуруповерт	РУКОВОДСТВО ПО ЭКСПЛУАТАЦИИ	87

DFT060T
DFT120T





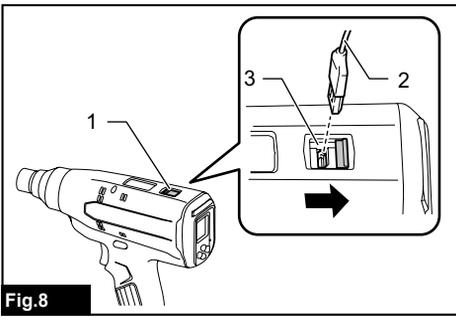


Fig.8

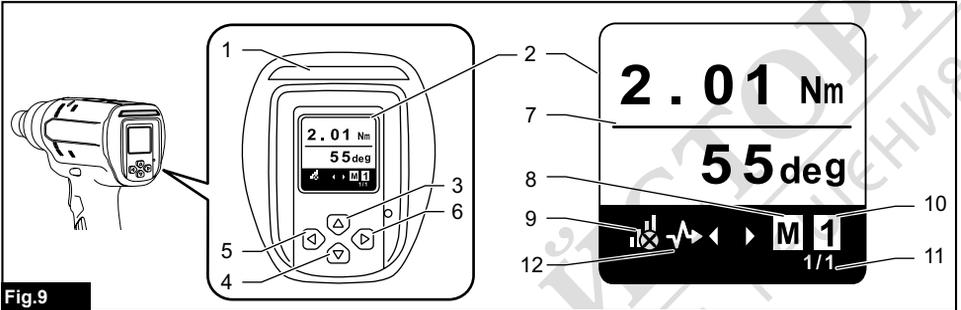


Fig.9



Fig.10

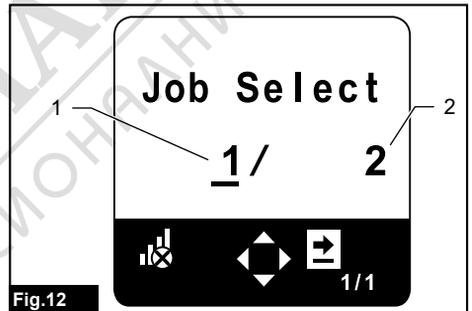


Fig.12

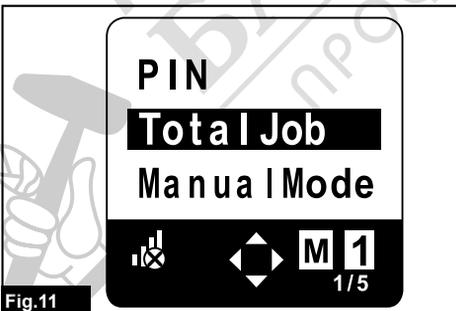


Fig.11

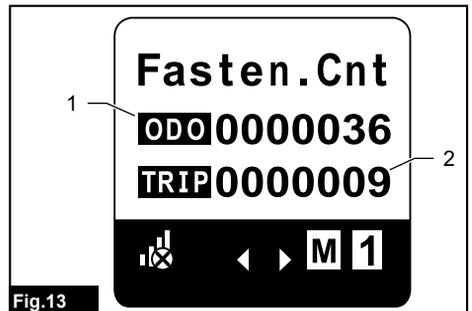


Fig.13

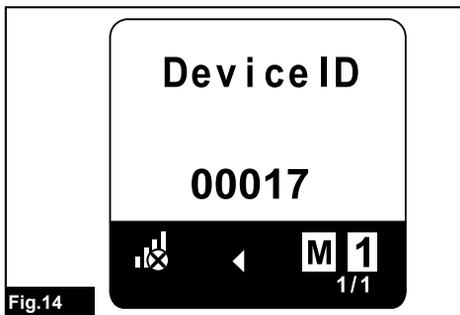


Fig.14

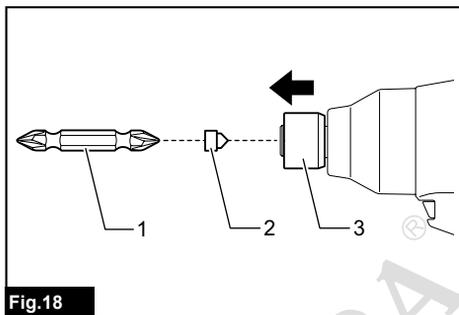


Fig.18

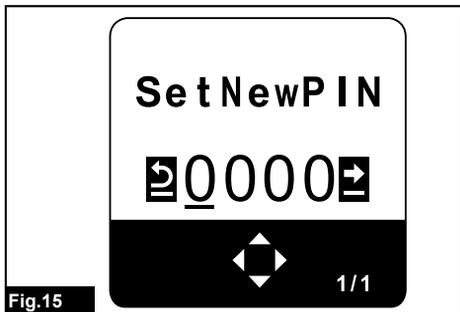


Fig.15

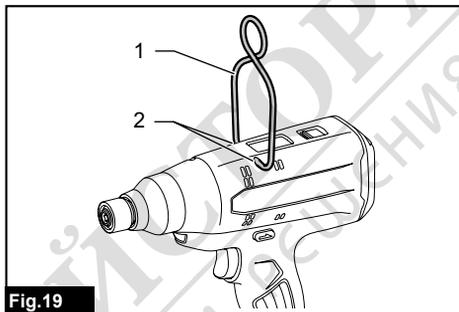


Fig.19

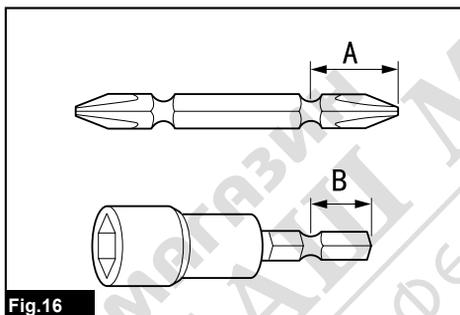


Fig.16

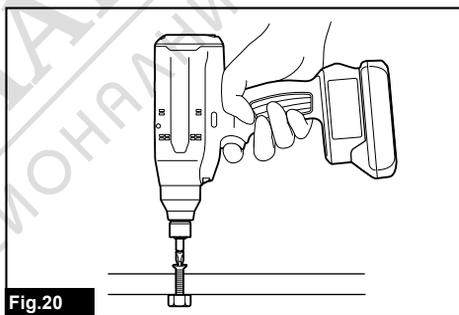


Fig.20

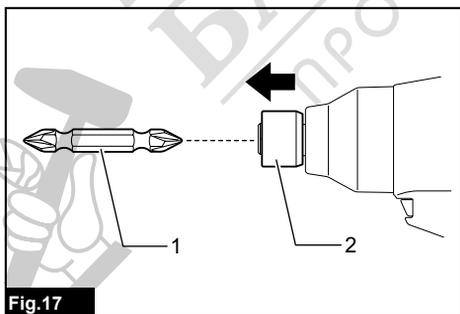


Fig.17

SPECIFICATIONS

Model:		DFT060T	DFT120T
Fastening torque	Hard joint	2 - 6 N•m	4 - 12 N•m
	Soft joint	2 - 6 N•m	4 - 12 N•m
No load speed (RPM)		50 - 1,000 min ⁻¹	50 - 700 min ⁻¹
Operating temperature range		0 °C - 40 °C	
Dimensions (L x W x H)	with BL1815N battery	206 mm x 75 mm x 247 mm	
	with BL1860B battery	206 mm x 75 mm x 263 mm	
Rated voltage		D.C. 18 V	
Net weight		1.4 - 1.8 kg	
Applicable USB cable		661432-2	

- Due to our continuing program of research and development, the specifications herein are subject to change without notice.
- Specifications may differ from country to country.
- The weight may differ depending on the attachment(s), including the battery cartridge. The lightest and heaviest combination, according to EPTA-Procedure 01/2014, are shown in the table.
- Fastening torque and no load speed (RPM) can be controlled with application software designed for this tool.

Applicable battery cartridge and charger

Battery cartridge	BL1815N / BL1820B / BL1830B / BL1840B / BL1850B / BL1860B
Charger	DC18RC / DC18RD / DC18RE / DC18SD / DC18SE / DC18SF / DC18SH / DC18WC

- Some of the battery cartridges and chargers listed above may not be available depending on your region of residence.

⚠WARNING: Only use the battery cartridges and chargers listed above. Use of any other battery cartridges and chargers may cause injury and/or fire.

Intended use

The tool is intended for screw driving in wood, metal and plastic.

Noise

The typical A-weighted noise level determined according to EN62841-2-2:

Model DFT060T

Sound pressure level (L_{pA}): 70 dB(A) or less
Uncertainty (K): 3 dB (A)

Model DFT120T

Sound pressure level (L_{pA}): 70 dB(A) or less
Uncertainty (K): 3 dB (A)

The noise level under working may exceed 80 dB (A).

NOTE: The declared noise emission value(s) has been measured in accordance with a standard test method and may be used for comparing one tool with another.

NOTE: The declared noise emission value(s) may also be used in a preliminary assessment of exposure.

⚠WARNING: Wear ear protection.

⚠WARNING: The noise emission during actual use of the power tool can differ from the declared value(s) depending on the ways in which the tool is used especially what kind of workpiece is processed.

⚠WARNING: Be sure to identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time).

Vibration

The vibration total value (tri-axial vector sum) determined according to EN62841-2-2:

Model DFT060T

Work mode: screwdriving without impact
Vibration emission (a_h): 2.5 m/s² or less
Uncertainty (K): 1.5 m/s²

Model DFT120T

Work mode: screwdriving without impact
Vibration emission (a_h): 2.5 m/s² or less
Uncertainty (K): 1.5 m/s²

NOTE: The declared vibration total value(s) has been measured in accordance with a standard test method and may be used for comparing one tool with another.

NOTE: The declared vibration total value(s) may also be used in a preliminary assessment of exposure.

⚠WARNING: The vibration emission during actual use of the power tool can differ from the declared value(s) depending on the ways in which the tool is used especially what kind of workpiece is processed.

⚠WARNING: Be sure to identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time).

EC Declaration of Conformity

For European countries only

The EC declaration of conformity is included as Annex A to this instruction manual.

SAFETY WARNINGS

General power tool safety warnings

⚠WARNING: Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

Cordless screwdriver safety warnings

1. **Hold the power tool by insulated gripping surfaces, when performing an operation where the fastener may contact hidden wiring.** Fasteners contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
2. **Always be sure you have a firm footing. Be sure no one is below when using the tool in high locations.**
3. **Hold the tool firmly.**
4. **Keep hands away from rotating parts.**
5. **Do not touch the bit or the workpiece immediately after operation; they may be extremely hot and could burn your skin.**
6. **Always secure workpiece in a vise or similar hold-down device.**

7. **Make sure there are no electrical cables, water pipes, gas pipes etc. that could cause a hazard if damaged by use of the tool.**

SAVE THESE INSTRUCTIONS.

⚠WARNING: DO NOT let comfort or familiarity with product (gained from repeated use) replace strict adherence to safety rules for the subject product.

MISUSE or failure to follow the safety rules stated in this instruction manual may cause serious personal injury.

Important safety instructions for battery cartridge

1. **Before using battery cartridge, read all instructions and cautionary markings on (1) battery charger, (2) battery, and (3) product using battery.**
2. **Do not disassemble or tamper with the battery cartridge.** It may result in a fire, excessive heat, or explosion.
3. **If operating time has become excessively shorter, stop operating immediately.** It may result in a risk of overheating, possible burns and even an explosion.
4. **If electrolyte gets into your eyes, rinse them out with clear water and seek medical attention right away.** It may result in loss of your eyesight.
5. **Do not short the battery cartridge:**
 - (1) **Do not touch the terminals with any conductive material.**
 - (2) **Avoid storing battery cartridge in a container with other metal objects such as nails, coins, etc.**
 - (3) **Do not expose battery cartridge to water or rain.**

A battery short can cause a large current flow, overheating, possible burns and even a breakdown.

6. **Do not store and use the tool and battery cartridge in locations where the temperature may reach or exceed 50 °C (122 °F).**
7. **Do not incinerate the battery cartridge even if it is severely damaged or is completely worn out.** The battery cartridge can explode in a fire.
8. **Do not nail, cut, crush, throw, drop the battery cartridge, or hit against a hard object to the battery cartridge.** Such conduct may result in a fire, excessive heat, or explosion.
9. **Do not use a damaged battery.**
10. **The contained lithium-ion batteries are subject to the Dangerous Goods Legislation requirements.**

For commercial transports e.g. by third parties, forwarding agents, special requirement on packaging and labeling must be observed.
For preparation of the item being shipped, consulting an expert for hazardous material is required.
Please also observe possibly more detailed national regulations.

Tape or mask off open contacts and pack up the battery in such a manner that it cannot move around in the packaging.

11. **When disposing the battery cartridge, remove it from the tool and dispose of it in a safe place. Follow your local regulations relating to disposal of battery.**
12. **Use the batteries only with the products specified by Makita.** Installing the batteries to non-compliant products may result in a fire, excessive heat, explosion, or leak of electrolyte.
13. **If the tool is not used for a long period of time, the battery must be removed from the tool.**
14. **During and after use, the battery cartridge may take on heat which can cause burns or low temperature burns. Pay attention to the handling of hot battery cartridges.**
15. **Do not touch the terminal of the tool immediately after use as it may get hot enough to cause burns.**
16. **Do not allow chips, dust, or soil stuck into the terminals, holes, and grooves of the battery cartridge.** It may cause heating, catching fire, burst and malfunction of the tool or battery cartridge, resulting in burns or personal injury.
17. **Unless the tool supports the use near high-voltage electrical power lines, do not use the battery cartridge near high-voltage electrical power lines.** It may result in a malfunction or breakdown of the tool or battery cartridge.
18. **Keep the battery away from children.**

SAVE THESE INSTRUCTIONS.

CAUTION: Only use genuine Makita batteries. Use of non-genuine Makita batteries, or batteries that have been altered, may result in the battery bursting causing fires, personal injury and damage. It will also void the Makita warranty for the Makita tool and charger.

Tips for maintaining maximum battery life

1. **Charge the battery cartridge before completely discharged. Always stop tool operation and charge the battery cartridge when you notice less tool power.**
2. **Never recharge a fully charged battery cartridge. Overcharging shortens the battery service life.**
3. **Charge the battery cartridge with room temperature at 10 °C - 40 °C (50 °F - 104 °F). Let a hot battery cartridge cool down before charging it.**
4. **When not using the battery cartridge, remove it from the tool or the charger.**
5. **Charge the battery cartridge if you do not use it for a long period (more than six months).**

FUNCTIONAL DESCRIPTION

CAUTION: Always be sure that the tool is switched off and the battery cartridge is removed before adjusting or checking function on the tool.

Installing or removing battery cartridge

CAUTION: Always switch off the tool before installing or removing of the battery cartridge.

CAUTION: Hold the tool and the battery cartridge firmly when installing or removing battery cartridge. Failure to hold the tool and the battery cartridge firmly may cause them to slip off your hands and result in damage to the tool and battery cartridge and a personal injury.

► Fig.1: 1. Red indicator 2. Button 3. Battery cartridge

To remove the battery cartridge, slide it from the tool while sliding the button on the front of the cartridge.

To install the battery cartridge, align the tongue on the battery cartridge with the groove in the housing and slip it into place. Insert it all the way until it locks in place with a little click. If you can see the red indicator as shown in the figure, it is not locked completely.

CAUTION: Always install the battery cartridge fully until the red indicator cannot be seen. If not, it may accidentally fall out of the tool, causing injury to you or someone around you.

CAUTION: Do not install the battery cartridge forcibly. If the cartridge does not slide in easily, it is not being inserted correctly.

Indicating the remaining battery capacity

Only for battery cartridges with the indicator

► Fig.2: 1. Indicator lamps 2. Check button

Press the check button on the battery cartridge to indicate the remaining battery capacity. The indicator lamps light up for a few seconds.

Indicator lamps			Remaining capacity
Lighted	Off	Blinking	
■	□	▧	75% to 100%
■ ■ ■ ■	□		50% to 75%
■ ■	□ □		25% to 50%
■	□ □ □		0% to 25%
▧	□ □ □		Charge the battery.
■ ■ □ □			The battery may have malfunctioned.
□ □ ■ ■			

NOTE: Depending on the conditions of use and the ambient temperature, the indication may differ slightly from the actual capacity.

NOTE: The first (far left) indicator lamp will blink when the battery protection system works.

Tool / battery protection system

The tool is equipped with a tool/battery protection system. This system automatically cuts off power to the motor to extend tool and battery life. The tool will automatically stop during operation if the tool or battery is placed under one of the following conditions:

Overload protection

When the tool/battery is operated in a manner that causes it to draw an abnormally high current, the tool stops automatically. In this situation, turn the tool off and stop the application that caused the tool to become overloaded. Then turn the tool on to restart.

Overheat protection

When the tool/battery is overheated, the tool stops automatically. In this situation, let the tool/battery cool before turning the tool on again.

Overdischarge protection

When the battery capacity is not enough, the tool stops automatically. In this case, remove the battery from the tool and charge the battery.

Protections against other causes

Protection system is also designed for other causes that could damage the tool and allows the tool to stop automatically. Take all the following steps to clear the causes, when the tool has been brought to a temporary halt or stop in operation.

1. Turn the tool off, and then turn it on again to restart.
2. Charge the battery(ies) or replace it/them with recharged battery(ies).
3. Let the tool and battery(ies) cool down.

If no improvement can be found by restoring protection system, then contact your local Makita Service Center.

Switch action

⚠ WARNING: Before installing the battery cartridge into the tool, always check to see that the switch trigger actuates properly and returns to the "OFF" position when released.

Pull the switch trigger to start the tool. Release the switch trigger to stop the tool.

► **Fig.3:** 1. Switch trigger

NOTE: The tool automatically stops temporarily to save operation logs after finishing fastening.

Lighting up front lamp

⚠ CAUTION: Do not look in the light or see the source of light directly.

Pull the switch trigger to light up the lamp. The lamp keeps on lighting while the switch trigger is being pulled. The lamp goes out approximately 10 seconds after releasing the switch trigger.

► **Fig.4:** 1. Lamp

NOTE: Pre-set lighting settings can be customized in application preferences. For detailed information, refer to the instruction manual supplied with the application software designed for this tool.

NOTE: Use a dry cloth to wipe the dirt off the lens of the lamp. Be careful not to scratch the lens of lamp, or it may lower the illumination.

Turning on display screen

Pull the switch trigger to turn the display screen on. The screen remains displayed while the switch trigger is being pulled. The screen goes off approximately 60 seconds after releasing the switch trigger.

► **Fig.5:** 1. Display screen

NOTE: Default display settings can be customized in application preferences. For detailed information, refer to the instruction manual supplied with the application software designed for this tool.

NOTE: Use a dry cloth to wipe the dirt off the display screen. Be careful not to scratch the screen, or it may lower the illumination.

Reversing switch action

⚠ CAUTION: Always check the direction of rotation before operation.

⚠ CAUTION: Use the reversing switch only after the tool comes to a complete stop. Changing the direction of rotation before the tool stops may damage the tool.

⚠ CAUTION: When not operating the tool, always set the reversing switch lever to the neutral position.

This tool has a reversing switch to change the direction of rotation. Depress the reversing switch lever from the A side for clockwise rotation or from the B side for counterclockwise rotation.

When the reversing switch lever is in the neutral position, the switch trigger cannot be pulled.

► **Fig.6:** 1. Reversing switch lever

Electric brake

This tool is equipped with an electric brake. If the tool consistently fails to quickly stop after the switch trigger is released, have the tool serviced at a Makita service center.

NOTE: An electric brake function can be activated or deactivated in application preferences. For detailed information, refer to the instruction manual supplied with the application software designed for this tool.

LED indicator / Beeper

The LED indicators and beeper become activated when the tool works in the following operating conditions and notify you of the tool status and performance currently delivered on the control panel.

► **Fig.7:** 1. LED indicator A (in green, red, blue and yellow colors) 2. LED indicator B (in blue color) (* Not serve as indicator for this model) 3. Error code 4. Status symbol

Error code and status symbol on screen	Tool performance and function	Tool status	LED indicators/beeper status		Action to be taken
			LED indicators	Beeper	
-	Operation check for indicators and beeper	The tool starts to verify indicators and beeper operation soon after the battery cartridge is installed.	The LED indicator briefly lights up in green, red and blue in order, and then the front lamp lights up.	A series of very short beeps	-
E00	Accidental start prevention	The tool automatically stops to avoid unintentional start-up when the battery cartridge is installed with the switch trigger pulled.	The LED indicator flashes in red and green alternately.	A series of short beeps	Release the switch trigger.
E01	Auto-stop	The battery power becomes low and it is time to replace the battery cartridge.	The LED indicator flashes in red and green alternately.	A series of short beeps	Replace the battery with fully charged one.
E02	Anti-reset of controller	The battery voltage drops abnormally for some reason, and the tool automatically stops operation.	The LED indicator flashes in red and green alternately.	A series of short beeps	Replace the battery with fully charged one.
E03	Auto-stop for low remaining battery power	The battery power is almost used up, and the tool automatically stops operation.	The LED indicator lights up in red.	A long beep	Replace the battery with fully charged one.
E04	Overload protection	The tool automatically stops to protect against a continuous overcurrent.	The LED indicator flashes in red and green alternately.	A series of short beeps	Remove the cause of overload and restart the tool. If no improvement is found, ask your local Makita Service Center for repair.
E05	Overheat protection	The motor or controller generates excessive heat, and the tool stops automatically to protect the tool from damage.	The LED indicator briefly flashes in red.	A series of short beeps	Remove the battery cartridge immediately and cool the tool down.
E06	Motor lock	Motor lock has occurred, and the tool automatically stops the motor operation.	The LED indicator flashes in red and green alternately.	A series of short beeps	Release the switch trigger and pull it again.
E07	Motor or controller failure detection	Motor or controller failure has been detected, and the tool automatically stops the motor operation.	The LED indicator flashes in red and green alternately.	A series of short beeps	Ask your local Makita Service Center for repair.
E09	Torque sensor failure detection	The torque sensor cannot be monitored properly for a number of technical reasons including line breaks.	The LED indicator flashes in red and green alternately.	A series of short beeps	Remove the battery cartridge and cool the tool down. If the indicator remains lit, ask your local Makita Service Center for repair.
-	Auto-stop with fastening completion	The tool automatically stops the motor operation after the pre-set fastening steps have been completed.	The LED indicator lights up in green for approximately one second.	-	-

Error code and status symbol on screen	Tool performance and function	Tool status	LED indicators/beeper status		Action to be taken
			LED indicators	Beeper	
-	Alert for insufficient fastening	The tool raises an alert for incomplete fastening under the following operating conditions. (1): The trigger switch is released before the pre-set fastening torque has been achieved. (2): The tool stops automatically after classifying fastening errors.	(1): The LED indicator lights up in red for approximately two seconds. (2): The LED indicator flashes in yellow and red alternately for approximately two seconds.	A long beep	Retighten the screw.
	Waiting function between pre-set fastening steps	The tool is sitting idle, after one of the pre-set fastening steps has been completed, waiting to follow the next pre-set fastening step. * A status symbol () flashes in the display screen.	The LED indicator lights up in green.	-	-
-	Low-battery alert	The battery is becoming low on power, and the battery cartridge needs to be recharged or replaced with fully charged one.	The LED indicator slowly flashes in red.	A series of long beeps	Replace the battery with fully charged one.
-	Error alert for heat detection of motor	The motor temperature cannot be monitored properly for a number of technical reasons including line breaks.	The LED indicator briefly flashes in red.	A series of short beeps	Remove the battery cartridge and cool the tool down. If the indicator remains lit, ask your local Makita Service Center for repair.
	Maintenance notice	Maintenance notice will be posted for optimum operational reliability when the accumulated maintenance count reaches the pre-set number. * A status symbol () appears in the display screen when the accumulated maintenance count reaches the pre-set "Stop Count" number.	The LED indicator flashes in yellow.	-	Reset the maintenance count in the application software designed for this tool.
	Alert for storage disabled	Up to 1,000 fastening result data can be saved in the tool memory. The number of unread data in the memory reaches to the maximum. * A status symbol () appears in the display screen when the storage capacity reaches the maximum.	The LED indicator flashes in yellow.	-	Load the fastening result data saved in the tool memory using the application software designed for this tool.
-	Error alert for data communication with computer	The tool raises an alert for communication error in the wired environment.	The LED indicator flashes in yellow.	-	Link the tool again with the application software designed for the tool after restarting the application.
-	Status indicator for data communication with computer	The tool informs that data communication has been securely established in the wired environment.	The LED indicator flashes in green.	-	-

TOOL SETTINGS

CAUTION: Make sure to adjust tool settings according to your applications and preferences before use.

CAUTION: Perform trial fastening, using a torque checker etc., if necessary, so as to verify if the updated settings are successfully applied.

NOTICE: Install the application software designed for this tool in your computer before connecting the tool to the computer for the first time. For detailed information, refer to the installation manual supplied with the application software designed for this tool.

A series of operation settings, including fastening torque and no-load speed, can be adjusted via software screen. Archiving and sharing tool preferences through the software can enhance work performance.

Connecting with computer

NOTICE: Use the Makita genuine USB cable to connect the tool with your computer.

1. Plug the USB cable into the USB port on your computer.
2. Slide the USB cover open on top of the housing, and then plug the other end of the USB cable into the USB port on the tool.
► Fig.8: 1. USB cover 2. USB cable 3. USB port

NOTE: The LED indicator on top of the rear display screen flashes in yellow after your computer recognizes the tool plugged into the USB port. Launch the application software on your computer, and the LED indicator flashes in green after data communication between the devices has been successfully established.

NOTE: While connected to your computer, the LED indicator on the tool remains flashing in green and no switch operation is available.

NOTE: Slide the USB cover close on top of the housing each time after disconnecting the USB cable from the USB port on the tool.

Switch control on display panel and screen components

Buttons and descriptions on start screen

► Fig.9

1. LED indicator A

Lights up in green, red, blue and yellow colors.

2. Display screen

Displays and navigates you to the settings menu.

3. Up arrow button

Edit tool settings using four buttons on the panel accordingly.

4. Down arrow button

Edit tool settings using four buttons on the panel accordingly.

5. Left arrow button

Edit tool settings using four buttons on the panel accordingly.

6. Right arrow button

Edit tool settings using four buttons on the panel accordingly.

7. Information window

Upper row: Fastening torque set in the previous operation

Lower row: Rotation angle set in the previous operation

8. Mode indicator

Displays the mode currently selected.

* Only "manual mode" is available for this tool.

9. Data communication status indicator

Status symbols Indicate data communication status as follows:

Status symbol	Communication status
	Data communication not established * This symbol always appears on the screen during fastening operation.
	USB data communication established

10. Job indicator

Displays the job number currently selected.

Up to 8 jobs can be stored in the tool memory using the application software designed for this tool.

Job data includes settings information and operation logs such as fastening torque and rotation speed.

NOTE: When the number zero appears on the screen, no job data is saved in the tool. Create a job using the application software designed for this tool.

11. Page number currently displayed on the screen / Total page numbers

12. Data saving progress indicator

A status symbol (↗) appears in the display screen while the tool settings and operation logs are being saved in the tool memory.

NOTICE: Do not remove the battery cartridge from the tool while any settings files and operation logs are being saved in the tool memory.

Settings menu

The following settings menu options are available in the settings menu window.

Level 1	Level 2	Level 3	Level 4
Start menu (start screen)	PIN code menu	Select menu	"Total Job" menu Total job settings * Not available for this tool
			"Manual Mode" menu Job settings
			"History" menu History settings
			"Network" menu Network settings
			"PIN" menu PIN settings

PIN code menu

► Fig.10

- On the start screen press and hold the right arrow button to display the PIN code menu.
- Enter the PIN codes to display the select menu.

NOTE: The default PIN codes are "0000".

Button	Action	Application
	Press	Change digit position.
	Press	Change setting values.
	Press and hold	Confirm setting
	Press and hold	Return to start screen

Select menu

► Fig.11

Select one of the menu options on the screen after you enter the PIN successfully. Press the up or down arrow button to scroll the select menu screen. Then press the right arrow button to display your preferred settings menu.

Total job settings

* This settings menu is not available for this tool.

Job settings

► Fig.12: 1. Job number you select 2. Total job numbers stored in tool memory

Select one of the jobs previously saved in the tool memory.

Button	Action	Application
	Press	Change setting values.
	Press and hold	Confirm setting

History settings

► Fig.13: 1. Total numbers of screws you have fastened so far since first operation 2. Total numbers of screws you have fastened after previous maintenance

Learn your job history.

NOTE: Accumulated maintenance count can be reset in your accordance in the application software designed for this tool.

Network settings

► Fig.14

Learn your device identification.

PIN settings

► Fig.15

Renew your PIN codes if the need arises.

Button	Action	Application
	Press	Change digit position.
	Press	Change setting values.
	Press and hold	Confirm setting
	Press and hold	Return to start screen

ASSEMBLY

CAUTION: Always be sure that the tool is switched off and the battery cartridge is removed before carrying out any work on the tool.

Installing or removing driver bit/ socket bit

► Fig.16

Use only driver bit/socket bit that has inserting portion shown in the figure. Do not use any other driver bit/ socket bit.

For tool with shallow driver bit hole

A=12mm B=9mm	Use only these type of driver bit. Follow the procedure 1. (Note) Bit-piece is not necessary.
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For tool with deep driver bit hole

A=17mm B=14mm	To install these types of driver bits, follow the procedure 1.
A=12mm B=9mm	To install these types of driver bits, follow the procedure 2. (Note) Bit-piece is necessary for installing the bit.

Procedure 1

For tool without one-touch type sleeve

► Fig.17: 1. Driver bit 2. Sleeve

To install the driver bit, pull the sleeve in the direction of the arrow and insert the driver bit into the sleeve as far as it will go.

Then release the sleeve to secure the driver bit.

For tool with one-touch type sleeve

To install the driver bit, insert the driver bit into the sleeve as far as it will go.

Procedure 2

In addition to **Procedure 1**, insert the bit-piece into the sleeve with its pointed end facing in.

► Fig.18: 1. Driver bit 2. Bit-piece 3. Sleeve

To remove the driver bit, pull the sleeve in the direction of the arrow and pull the driver bit out.

NOTE: If the driver bit is not inserted deep enough into the sleeve, the sleeve will not return to its original position and the driver bit will not be secured. In this case, try re-inserting the bit according to the instructions above.

NOTE: When it is difficult to insert the driver bit, pull the sleeve and insert it into the sleeve as far as it will go.

NOTE: After inserting the driver bit, make sure that it is firmly secured. If it comes out, do not use it.

Installing hook

Optional accessory

The hook is useful to hang the tool. Install the hook to the holes on the tool body.

► Fig.19: 1. Hook 2. Hole

OPERATION

Screwdriving operation

CAUTION: Hold the tool firmly and place the driver bit/socket bit securely over the screw head/bolt head during fastening operation. Failure to do so may cause mishandling of the tool resulting in personal injury.

CAUTION: Make sure that the driver bit/ socket bit is placed straight over the screw head, or the screw and driver bit/socket bit may be damaged.

CAUTION: Keep hands away from the rotating parts during operation. Failure to do so may cause your hands to be caught in the moving parts, resulting in personal injury.

Place the tip of the driver bit/socket bit straight over the screw head/bolt head, apply pressure to the tool, and then switch the tool on.

The tool automatically stops the motor when the output torque reaches the target torque set in the application software. Release the switch trigger after the tool comes to a complete stop.

► Fig.20

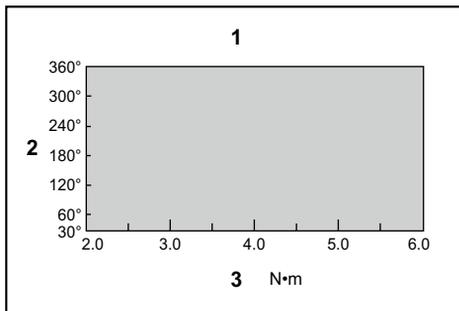
Limits of fastening capacity

NOTICE: Operating temperature range

Use the tool in the recommended ambient temperature range of 0 °C - 40 °C. Operation outside the recommended temperature may reduce the tool performance, resulting in insufficient fastening or unstable output torque.

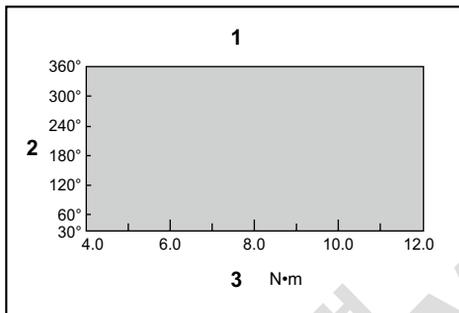
Use the tool within the limits of its fastening capacity. If you use the tool beyond the limits, the output torque may be reduced as a means of tool protection.

For model DFT060T



1. Range of fastening capacity 2. Rotation angle
3. Torque

For model DFT120T



1. Range of fastening capacity 2. Rotation angle
3. Torque

NOTE: The rotation angle is the angle from the point that the bolt is tightened in 50% of desired torque to the point that the bolt is tightened in 100% torque.

NOTE: Use of a cold battery cartridge may give warning for battery capacity by LED indicator and beeper and stop the tool immediately, even if it is fully charged. In this case, the fastening capacity may be inferior to the specification on this manual.

MAINTENANCE

CAUTION: Always be sure that the tool is switched off and the battery cartridge is removed before attempting to perform inspection or maintenance.

NOTICE: Never use gasoline, benzine, thinner, alcohol or the like. Discoloration, deformation or cracks may result.

To maintain product SAFETY and RELIABILITY, repairs, any other maintenance or adjustment should be performed by Makita Authorized or Factory Service Centers, always using Makita replacement parts.

OPTIONAL ACCESSORIES

CAUTION: These accessories or attachments are recommended for use with your Makita tool specified in this manual. The use of any other accessories or attachments might present a risk of injury to persons. Only use accessory or attachment for its stated purpose.

If you need any assistance for more details regarding these accessories, ask your local Makita Service Center.

- Protector (Natural, Red, Blue, Yellow)
- USB cable
- Hook
- Makita genuine battery and charger

NOTE: Some items in the list may be included in the tool package as standard accessories. They may differ from country to country.