



PRODUCTION & ASSEMBLY

PRODUCT CATALOG

makitaassemblytools.com

WHY MAKITA® CORDLESS?

INNOVATIVE CORDLESS TECHNOLOGY

Makita designs and manufactures innovative cordless tools utilizing the latest advanced technology that allows professionals the ability to use cordless tools on tasks previously thought to be impossible. Our goal in designing manufacturing & assembly cordless tools is to break away from the historical method of costly air hose operation and allow the operator freedom with a powerful, accurate and ergonomic solution.

REDUCED ENERGY COSTS

Less Energy Consumption needed to power cordless tools than to power pneumatic tooling.

Extreme Energy Savings by eliminating air line and air tool leakage.

Higher Quality Control by reducing damage to manufactured products often caused by hoses and cords.

Reduced Operating Costs and down time by eliminating oilers and oil maintenance.

Reduced Maintenance Costs by minimizing down time to repair damaged products.

MORE FREEDOM

More Flexibility to roam from one workspace to the next

Greater Access and Maneuverability in confined workspaces and inside closed compartments

Increased Efficiency with the ability to interchange tools from one application to the next

Easier to Reposition Fastening System when assembly lines need to be rerouted, expanded or eliminated

Quicker Recoveries from power interruptions

SAFER WORKPLACE

Reduced Hazards caused by air hoses laying across floors or hanging from ceiling

Lighter Weight with Ergonomic Design for operator control

Lower Vibration and Noise for operator comfort

Environmentally Friendly low toxicity battery platforms

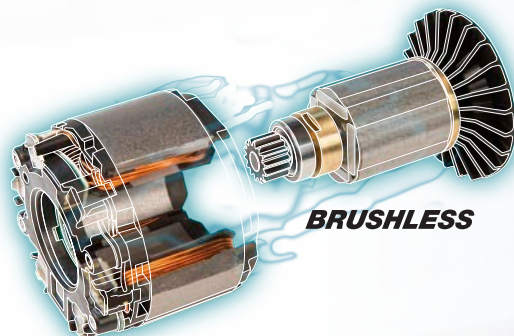


BRUSHLESS MOTOR

UP TO 50% LONGER MOTOR LIFE

The Makita-built brushless motor eliminates carbon brushes, enabling the motor to run cooler and more efficiently for longer life.

The electronically-controlled brushless motor efficiently uses energy to match torque and RPM to the changing demands of the application.



LOW-REACTION TECHNOLOGY

BENEFITS

Dramatically reduces repetitive motion stress experience when operating clutch-based tools within assembly facilities.

Reduces cumulative wrist strain, operator fatigue, lowers the instance of injury caused by repetitive fastening tasks, and can reduce company healthcare costs related to repetitive motion stress.

TECHNOLOGY

Clutch components utilizing proprietary, patented technology significantly reduces the "kickback" experienced once final torque is applied by clutch tooling. Available as a retrofit conversion to existing Makita pistol and right angle clutch tools or included as OEM component on new tool purchase from Makita.



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BRUSHLESS PROGRAMMABLE SCREWDRIVERS

PRECISION TORQUE CONTROL

Lightweight and Ergonomic

Only 6-3/4" in length and weighs only 2.4 lbs. with battery
(DFT023FMZ and DFT045FMZ models)

Built-In L.E.D. Light

Illuminates work surface for better visibility in low light environments

Brushless Motor

Makita-built motor technology provides higher speeds and advanced monitoring

Lithium-Ion Battery

For extended run time and total lifetime charge cycles

Audible Signal

For incomplete or bad fastening

DFT045FMZ

14.4V Lithium-Ion Brushless Cordless 1/4" Hex Screwdriver
(Battery not included)

Color-Coded Identification Plate

With unique I.D. number

Large Pass/Fail L.E.D.

Indicates sufficient and insufficient fastening achievement and audibly alerts operator to failed fastenings

6-Phase Rundown Programming

RPM and Directional programming via USB port for multi-stage rundown control. Provides better quality fastening and assists in cross-thread detection.

MAINTENANCE MODE

- Included software has the ability to pre-program a maintenance cycle
- Tool notifies operator at maintenance interval for calibration and/or preventative maintenance needed

SMART SYSTEM

Auto Battery Shutoff

- Shuts off the tool when battery capacity is less than 5%
- Ensures consistent fastening torque

PASS/FAIL L.E.D. LAMP

Large Pass/fail lamp indicates sufficient and insufficient fastening achievement and audibly alerts operator to failed fastenings.

RPM & DIRECTIONAL PROGRAMMING

RPM and Directional programming via USB for multi-stage rundowns.



PRECISION TORQUE SCREWDRIVERS



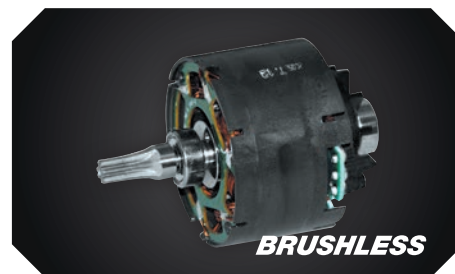
	DFT023FMZ	DFT045FMZ	DFT085FMZ / DFT085FMAZ*	DFT127FMZ / DFT127FMAZ*
Voltage	14.4V	14.4V	14.4V	14.4V
Capacities	1/4" Hex Shank	1/4" Hex Shank	1/4" Hex Shank	1/4" Hex Shank
Fastening Torque	.5-2 Nm (4-18 in. lbs.)	1-4 Nm (9-35 in. lbs.)	3-8 Nm (27-71 in. lbs.)	5-12 Nm (44-106 in. lbs.)
No Load Speed (RPM)	400 - 1,300	150 - 900	150 - 900	100 - 600
Length (w/Battery)	6-1/4"	6-1/4"	7-1/2"	7-1/2"
Height (w/Battery)	9-3/4"	9-3/4"	10"	10"
Width (w/Battery)	2-13/16"	2-13/16"	2-13/16"	2-13/16"
Weight (w/Battery)	2.4 lbs.	2.4 lbs.	2.9 lbs.	2.9 lbs.
Battery	BL1430B, BL1415NA	BL1430B, BL1415NA	BL1430B, BL1415NA	BL1430B, BL1415NA

*FMAZ suffix indicates Low-Reaction model.



LITHIUM-ION BATTERY

Precision sensor informs operator of insufficient battery charge level through visual and audible indicators.



BRUSHLESS MOTOR

Makita-Built motor technologies provide higher speeds and advanced monitoring.



BUILT-IN L.E.D. LIGHT

Built-in L.E.D. light illuminates work surface for better visibility in low light environments.



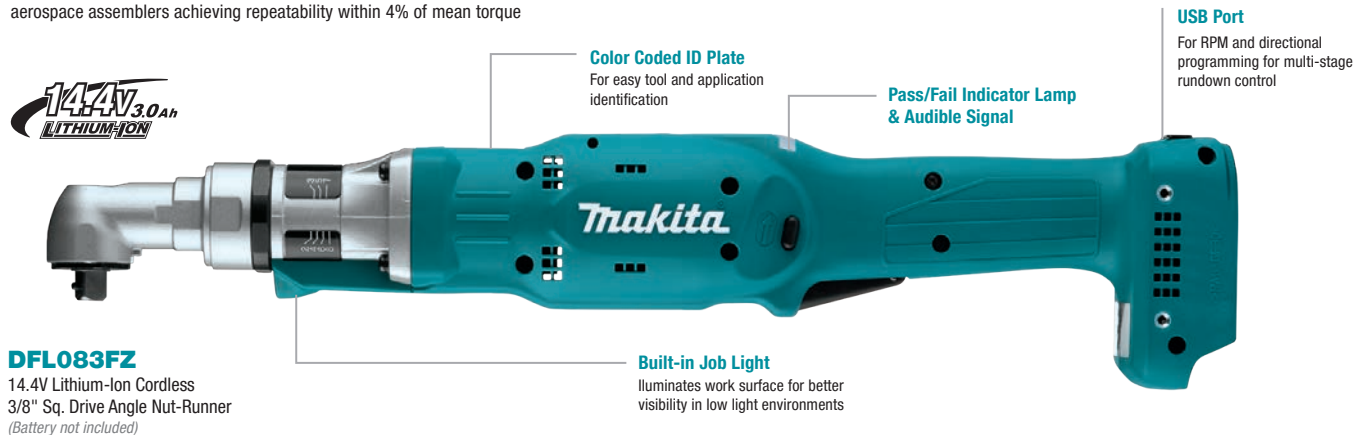
TORQUE ACCURACY

"Real World" accuracy has earned certification within major Automotive and Aerospace Assemblers achieving repeatability within 4% of mean torque.

BRUSHLESS PROGRAMMABLE RIGHT ANGLE NUT-RUNNERS

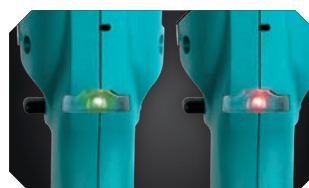
PRECISION TORQUE CONTROL

"Real World" accuracy has earned certification within major automotive and aerospace assemblers achieving repeatability within 4% of mean torque



RPM & DIRECTIONAL PROGRAMMING

RPM and directional programming via USB port for multi-stage rundown control



PASS/FAIL INDICATOR LAMP

Indicates sufficient and insufficient fastening achievement and audibly alerts operator to failed fastenings.



BALANCING/TETHERING

Conveniently placed threaded holes on the top and side of tool allow for easy balancing or tethering in your workstation application.



BUILT-IN L.E.D. LIGHT

Built-in L.E.D. light illuminates work surface for better visibility in low light environments.


BRUSHLESS

BRUSHLESS

BRUSHLESS

BRUSHLESS

	DFL020FZ	DFL020F5Z	DFL063FZ	DFL063F5Z
Voltage	14.4V/18V	14.4V/18V	14.4V/18V	14.4V/18V
Capacities	3/8" Square Drive	1/4" Square Drive	3/8" Square Drive	1/4" Square Drive
Fastening Torque	0.5 - 2.0 Nm	0.5 - 2.0 Nm	1.5 - 6.5 Nm	1.5 - 6.5 Nm
No Load Speed (RPM)	100 - 1300	100 - 1300	180 - 1300	180 - 1300
Length (w/Battery)	15"	15"	15"	15"
Height (w/Battery)	4-9/16"	4-9/16"	4-9/16"	4-9/16"
Width (w/Battery)	2-15/16"	2-15/16"	2-15/16"	2-15/16"
Weight (w/Battery)	2.9 lbs.	2.9 lbs.	2.9 lbs.	2.9 lbs.
Battery	BL1415NA, BL1430B, BL1460A	BL1415NA, BL1430B, BL1460A	BL1415NA, BL1430B, BL1460A	BL1415NA, BL1430B, BL1460A


BRUSHLESS

BRUSHLESS

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BRUSHLESS

	DFL083FZ	DFL083F5Z	DFL125FZ	DFL125F5Z	DFL204FZ
Voltage	14.4V	14.4V	14.4V	14.4V	14.4V
Capacities	3/8" Square Drive	1/4" Square Drive	3/8" Square Drive	1/4" Square Drive	3/8" Square Drive
Fastening Torque	2-8 Nm (18-71 in. lbs.)	2-8 Nm (18-71 in. lbs.)	5-12 Nm (44-106 in. lbs.)	5-12 Nm (44-106 in. lbs.)	8-20 Nm (71-177 in. lbs.)
No Load Speed (RPM)	150 - 700	150 - 700	100 - 700	100 - 700	100 - 440
Length (w/Battery)	22"	22"	22"	22"	22"
Height (w/Battery)	3-5/32"	3-5/32"	3-5/32"	3-5/32"	3-5/32"
Width (w/Battery)	4-11/64"	4-11/64"	4-11/64"	4-11/64"	4-11/64"
Weight (w/Battery)	4.7 lbs.	4.7 lbs.	4.7 lbs.	4.7 lbs.	4.7 lbs.
Battery	BL1430B, BL1460A	BL1430B, BL1460A	BL1430B, BL1460A	BL1430B, BL1460A	BL1430B, BL1460A


BRUSHLESS

BRUSHLESS

LXT BRUSHLESS

	DFL302FZ / DFL302FAZ*	DFL403FZ / DFL403FAZ**	DFL651FZ* / DFL651FAZ**
Voltage	14.4V	14.4V	18V LXT®
Capacities	3/8" Square Drive	3/8" Square Drive	3/8" Square Drive
Fastening Torque	16-30 Nm (142-266 in. lbs.)	25-40 Nm (221-354 in. lbs.)	25-65 Nm (221-575 in. lbs.)
No Load Speed (RPM)	70-230	50-220	80-200
Length (w/Battery)	22"	22"	23"
Height (w/Battery)	3-5/32"	3-5/32"	4-9/16"
Width (w/Battery)	4-11/64"	4-11/64"	2-15/16"
Weight (w/Battery)	5.1 lbs	5.1 lbs	6 lbs
Battery	BL1430B, BL1460A	BL1430B, BL1460A	BL1830B, BL1840B, BL1850B, BL1860B

*FAZ suffix indicates Low-Reaction model.

**Programmability via USB port.

TORQUE TRACER

SMART TOOLS PROVIDING QUALITY ASSURANCES VIA WIRELESS COMMUNICATION

- Identifies multiple fastening characteristics for each rundown
- Flexible systems conform to a broad variety of environments
- Maintains cordless freedom of operator benefits while improving quality assurance best practices
- Provides an energy efficient alternative to pneumatic platforms involving verifiers/qualifiers
- Adds traceability measures in environments wanting cordless flexibility and safety
- An alternative to expensive DC electric tool platforms
- Uses Bluetooth frequency spectrum and Adaptive Frequency Hopping to assure an interference-free environment



"Quick Change"
1/4" Hex Chuck

Long-life Clutch for
High Repeatability

Auto-Stop Fastening
Functioning

Built-in L.E.D. Lamps

Makita-Built
Brushless Motor

Slim-Line Anti-Slip
Dimpled Grip

L.E.D. Operator Signal
and Audible Alarm

Auto Battery Shutoff

DFT041RZ

14.4V Lithium-Ion Cordless 1/4" Hex
Torque Tracer Screwdriver
(Battery not included)

Built-in L.E.D. Lamps

Makita-Built
Brushless Motor

Long-life Clutch
for High Repeatability

Torque Set Window

Slim-Line Anti-Slip
Dimpled Grip

L.E.D. Operator Signal
and Audible Alarm

Auto Battery Shutoff

DFL201RZ

14.4V Lithium-Ion Cordless
3/8" Sq. Drive Torque Tracer
Angle Nut Runner
(Battery not included)



BLUETOOTH® RECEIVER

Bluetooth receiver provides communication with tool.
24v discreet I/O for PASS/FAIL/BATCH to communicate with PLC.
Serial port for downloading fastening data and torque values to PC.



BRUSHLESS MOTOR

Makita-Built motor technologies provide higher
speeds and advanced monitoring.



14.4V LITHIUM-ION

High productivity with reduced weight.
Very low self-discharge rates.

TORQUE-TRACER WIRELESS COMMUNICATION TOOLS



	DFT041RZ	DFT082RZ / DFT082RAZ	DFT124RZ / DFT124RAZ
Voltage	14.4V	14.4V	14.4V
Capacities	1/4" Hex Shank	1/4" Hex Shank	1/4" Hex Shank
Fastening Torque	1-4 Nm (9-35 in. lbs.)	4-8 Nm (35-71 in. lbs.)	6-12 Nm (53-106 in. lbs.)
No Load Speed (RPM)	800	860	600
Length	7-1/2"	7-1/2"	7-1/2"
Height (w/Battery)	10-1/2"	10-1/2"	10-1/2"
Width	2-13/16"	2-13/16"	2-13/16"
Weight (w/Battery)	3.3 lbs	3.3 lbs	3.3 lbs
Battery	BL1430B, BL1460A	BL1430B, BL1460A	BL1430B, BL1460A

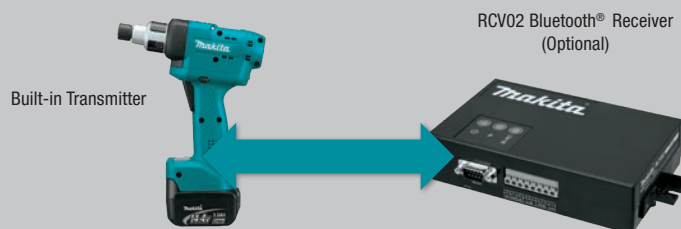


	DFL201RZ / DFL201RAZ*	DFL301RZ / DFL301RAZ*	DFL402RZ / DFL402RAZ*
Voltage	14.4V	14.4V	14.4V
Capacities	3/8" Sq. Drive	3/8" Sq. Drive	3/8" Sq. Drive
Fastening Torque	10-20 Nm (89-177 in. lbs.)	16-30 Nm (142-266 in. lbs.)	25-40 Nm (221-354 in. lbs.)
No Load Speed (RPM)	360	260	200
Length	16-7/8"	18-3/4"	18-3/4"
Height (w/Battery)	3-7/8"	3-7/8"	3-7/8"
Width	2-13/16"	2-13/16"	2-13/16"
Weight (w/Battery)	3.8 lbs	4.4 lbs	4.4 lbs.
Battery	BL1430B, BL1460A	BL1430B, BL1460A	BL1430B, BL1460A

*RAZ suffix indicates Low-Reaction model.

TOOL RECOGNITION

- Fastening torque values
- Fastening angle values
- Rundown rotations
- Tool ID recognition
- Time/date snap
- OK-NOK parameter achievement
- Batch achievement

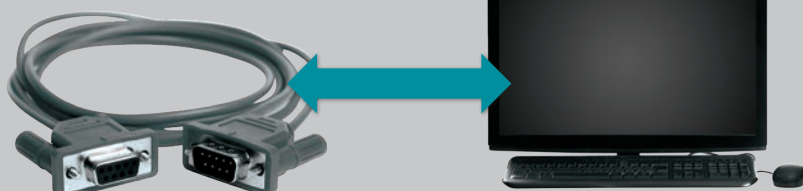


PROGRAMMING INTERACTIVITY

- Torque value tolerance range
- Angle value tolerance range
- Rundown rotation min/max settings
- Tool lock down mode
- Tool brake option
- Soft start adjustment
- Calibration ability
- Batch management (PLC-based)
- Log all data from tool recognition

RS-232C Serial Cable/Serial Required
(Available at a local PC supply store)

Facility PC



TORQUE CONTROL PROGRAMMABLE SHUT-OFF IMPACTS

COMPACT & LIGHTWEIGHT



Rubberized Bit Sleeve
Protects workpiece from scratches and damages

Built-in L.E.D. Light
Illuminates the work area for greater productivity in low-light applications

Easy-to-Pull Trigger Switch
With a 6mm short stroke is ideal for assembly and manufacturing applications. Minimizes operators hand and finger fatigue in long, continuous operation in assembly and manufacturing applications

Automatic Impact Stop System

Color Coded Programming Panel
For easy model identification

- 35 Nm
- 65 Nm
- 95 Nm
- 140 Nm
- 185 Nm

DTDA040
14.4V Lithium-Ion Brushless Cordless
1/4" Hex Impact Driver
(Battery not included)

Large L.E.D. Display
Green (PASS), Red (FAIL)

Color Coded Programming Panel
For easy model identification

USB Port

Brushless Motor
Eliminates carbon brushes, enabling the motor to run cooler and more efficiently for longer life

Ergonomically Designed Handle
Provides a comfortable grip minimizing hand fatigue

Wireless Communication Capability
Parameters

- Torque Level
- Impact Time/Force
- Hard/Soft Joint Condition
- Enable/Disable Forward & Reverse
- Maintenance Scheduling

Powered by 14.4V Lithium-Ion Batteries
With battery fuel gauge

Wireless capability offers pass/fail for error proofing and batch counts

TORQUE CONTROL PROGRAMMABLE IMPACT DRIVERS



	DTDA040Z / DTDA040ZX1*	DTDA070Z / DTDA070ZX1*	DTDA100Z / DTDA100ZX1*	DTDA140Z / DTDA140ZX1*
Voltage	14.4V	14.4V	14.4V	14.4V
Capacities	1/4" Hex Shank	1/4" Hex Shank	1/4" Hex Shank	1/4" Hex Shank
Maximum Torque	35 Nm (310 in.lbs.)	65 Nm (575 in.lbs.)	95 Nm (841 in.lbs.)	140 Nm (1,239 in.lbs.)
No Load Speed (RPM)	0 - 2,300	0 - 2,600	0 - 2,700	0 - 2,600
Impacts Per Minute (IPM)	0 - 3,700	0 - 3,700	0 - 3,300	0 - 3,300
Length	5-1/2"	5-1/2"	5-3/4"	5-3/4"
Height (w/Battery)	10-1/8"	10-1/8"	10-1/8"	10-1/8"
Width	2-15/16"	2-15/16"	2-15/16"	2-15/16"
Weight (w/Battery)	2.9 lbs.	2.9 lbs.	2.9 lbs.	3.1 lbs.
Battery	BL1415NA, BL1430B, BL1460A	BL1415NA, BL1430B, BL1460A	BL1415NA, BL1430B, BL1460A	BL1415NA, BL1430B, BL1460A

*Wireless Capable

TORQUE CONTROL PROGRAMMABLE IMPACT WRENCHES



	DTWA070Z / DTWA070ZX1*	DTWA100Z / DTWA100ZX1*	DTWA140Z / DTWA140ZX1*	DTWA190Z / DTWA190ZX1*
Voltage	14.4V	14.4V	14.4V	14.4V
Capacities	3/8" Square Drive	3/8" Square Drive	1/2" Square Drive	1/2" Square Drive
Maximum Torque	65 Nm (575 in.lbs.)	95 Nm (841 in.lbs.)	140 Nm (1,239 in.lbs.)	185 Nm (1,637 in.lbs.)
No Load Speed (RPM)	0 - 2,500	0 - 2,700	0 - 2,700	0 - 2,600
Impacts Per Minute (IPM)	0 - 3,700	0 - 3,300	0 - 3,300	0 - 3,300
Length	5-5/8"	5-15/16"	6-1/8"	6-1/8"
Height (w/Battery)	10-1/8"	10-1/8"	10-1/8"	10-1/8"
Width	2-15/16"	2-15/16"	2-15/16"	2-15/16"
Weight (w/Battery)	2.9 lbs.	2.9 lbs.	3.1 lbs.	3.3 lbs.
Battery	BL1415NA, BL1430B, BL1460A	BL1415NA, BL1430B, BL1460A	BL1415NA, BL1430B, BL1460A	BL1415NA, BL1430B, BL1460A

*Wireless Capable



AUTO BATTERY SHUT OFF

ABS disables the tool once battery capacity drops below 20%



RUNDOWN PROGRAMMING

Allows fastening force to be adjusted and programmed for each joint condition

BRUSHLESS RIVET TOOLS

COMPACT & ERGONOMIC DESIGN

- Brushless Motor delivers 10 kN of pulling force (XVR01) and 20 kN of pulling force (XVR02).
- Installs rivets up to 3/16" (4.8 mm) (XVR01) and up to 1/4" (6.4 mm) (XVR02)



Holds Rivet in Place

Built-In L.E.D. Light

Ergonomically Designed Handle

Brushless Motor

Transparent Mandrel Catch Container

Powered by 18V Lithium-Ion Battery



LXT BRUSHLESS



LXT BRUSHLESS

	XVR01T / XVR01Z	XVR02T / XVR02Z
Voltage	18V	18V
Brushless Motor	Yes	Yes
Pulling Force	10 kN	20 kN
Rivet	Up to 3/16" (4.8 mm)	Up to 1/4" (6.4 mm)
Stroke Length	25 mm	30 mm
LED Light	Yes	Yes
Length (w/Battery)	12-3/8"	12-3/4"
Height (w/Battery)	11-1/4"	11-1/4"
Width (w/Battery)	3-1/8"	3-1/8"
Weight (w/Battery)	4.9 lbs.	5.3 lbs.
Battery	BL1830B, BL1840B, BL1850B, BL1860B	BL1830B, BL1840B, BL1850B, BL1860B



PERFORMANCE

Capable of pulling aluminum, steel, and stainless steel rivets



TRANSPARENT MANDREL

Catch container for convenient viewing of container level.

HAZLOC®

CLASS 1 DIVISION 2 RATED

CLASS I DIVISION 2 RATED

- UL listed for Class I Division 2 locations for maximum 50°C ambient
- Meets the NEC Article 513 Aircraft Hangar requirements for Class I Division 2 locations
- Tested to Mil Standard 810F, Method 511.4

2.0Ah
Makita Metal Upgrade
12V
Ni-MH

MAKSTAR



"Quick Change"
1/4" Hex Shank Chuck

Torque Adjusting System

Built-In L.E.D. Light

Auto-Stop Fastening Function

Anti-Slip Dimpled Grip

Beeper Indicator

L.E.D. Indicator



	BFH040FRAE	BFH040RAE	BFH090FRAE	BFH090RAE	BFH120FRAE
Voltage	12V	12V	12V	12V	12V
Capacities	1/4" Hex Shank	1/4" Hex Shank	1/4" Hex Shank	1/4" Hex Shank	1/4" Hex Shank
Max Fastening Torque (Nm)	0.8-4.5 Nm (7-40 in. lbs.)	0.8-4.5 Nm (7-40 in. lbs.)	3.4-9.0 Nm (30-80 in. lbs.)	3.4-9.0 Nm (30-80 in. lbs.)	5.0-12.0 Nm (44-106 in. lbs.)
No Load Speed (RPM)	400	400	400	400	400
L.E.D. Lamp	YES	NO	YES	NO	YES
L.E.D. Pass/Fail	YES	YES	YES	YES	YES
Audible Signal	YES	NO	YES	NO	YES
Length	7-15/32"	7-15/32"	7-15/32"	7-15/32"	7-15/32"
Height	10-15/32"	10-15/32"	10-15/32"	10-15/32"	10-15/32"
Width	2-13/16"	2-13/16"	2-13/16"	2-13/16"	2-13/16"
Weight	3.3 lbs	3.3 lbs	3.3 lbs	3.3 lbs	3.3 lbs
Battery	BH1220	BH1220	BH1220	BH1220	BH1220



REPETITIVE ACCURACY

Torque Accuracy

- Long-life clutch provides consistent operation within +/-10% of mean torque with real-world repeatability consistencies within +/-4%.



SMART SYSTEM

Auto Battery Shutoff

- Shuts off the tool when battery capacity is less than 5%.
- Ensures consistent fastening torque.

Indication Lamp and Audible Alert

- Precision sensor indicates fastening sufficiency and battery power conditions with light and/or audible alert.

BATTERIES AND CHARGERS



Model No.	Battery	Voltage	Cell Type	Amp Hours	Charge Time	Charger(s)
BL1460A	BL1460A	14.4v	Lithium-Ion	6.0Ah	55 Minutes	DC18RC, DC18RD, DC18SF
BL1430B	BL1430B	14.4v	Lithium-Ion	3.0Ah	22 Minutes	
BL1415NA	BL1415NA	14.4v	Lithium-Ion	1.5Ah	20 Minutes	



Model No.	Description	Voltage	Cell Type	Battery
DC18RC	18V LXT® Lithium-Ion Rapid Optimum Charger	12V - 18V	Lithium-Ion & Ni-MH	BL1820B, BL1830B, BL1840B, BL1850B, BL1860B, BL1415NA, BL1430B, BL1460A, BH1220C, BH1233C
DC18RD	18V LXT® Lithium-Ion Dual Port Rapid Optimum Charger	12V - 18V	Lithium-Ion & Ni-MH	BL1820B, BL1830B, BL1840B, BL1850B, BL1860B, BL1415NA, BL1430B, BL1460A, BH1220C, BH1233C
DC18SF	18V LXT® Lithium-Ion 4-Port Charger	14.4V - 18V	Lithium-Ion	BL1820B, BL1830B, BL1840B, BL1850B, BL1860B, BL1415NA, BL1430B, BL1460A



RCV02

Wireless System Receiver
Transmits torque data to PC for storage of fastening history



DF012DSE

7.2V Lithium-Ion Cordless
1/4" Hex Driver-Drill Kit
with Auto-Stop Clutch

Makita-built motor delivers 71 in.lbs. of Max Torque in a compact design



TD022DSE

7.2V Lithium-Ion Cordless
1/4" Hex Impact Driver Kit

Makita-built motor delivers 195 in.lbs. of Max Torque in a compact design

PRODUCTION TOOLING ACCESSORIES

SHUT-OFF IMPACT TOOL COVERS

Part No.	Color	Applicable Models
Impact Drivers		
459404-7	Red	DTDA040, DTDA070, DTWA070
459405-5	Blue	
459408-9	Clear	
Impact Wrenches		
459409-7	Red	DTDA100, DTDA140, DTWA100, DTWA140, DTWA170
459410-2	Blue	
459413-6	Clear	

RIGHT ANGLE TOOL COVERS

Part No.	Color	Applicable Models
422279-7	Red	DFL083FZ/083F5Z, DFL125FZ/125F5Z, DFL204FZ
422280-2	Blue	
422281-0	Yellow	
422282-8	Clear	
422284-4	Red	DFL302FZ, DFL403FZ
422285-2	Blue	
422286-0	Yellow	
422287-8	Clear	

RIVET SETUP PARTS

Part No.	Description	Applicable Models
191F78-1	6.4 mm (1/4") Nosepiece and Jaw Pusher with Tube	XRV02
199725-2	6.0 mm (7/32") Nosepiece and Jaw Pusher with Tube	
191F80-4	4.0 mm (5/32") Nosepiece and Jaw Pusher	XRV01
199728-6	3.2 mm (1/8") Nosepiece and Jaw Pusher with Tube	
191C03-4 or 191F79-9	4.8 mm (3/16") Nosepiece and Jaw Pusher	XVR01, XVR02
162500-9	Mandrel Container	

LOW REACTION CLUTCH ASSEMBLY

Part No.	Description
195231-5	Pistol
195620-4	Right Angle
197045-8	DFL651FZ

PISTOL STANDARD TOOL COVERS

Part No.	Color	Description
424984-2	Clear	DFT023FMZ & DFT045FMZ
424985-0	Red	
424986-8	Blue	
424987-6	Yellow	
424969-8	Clear	DFT085FMZ & DFT127FMZ
424968-0	Red	
424967-2	Blue	
424966-4	Yellow	

PISTOL LOW REACTION TOOL COVERS

Part No.	Color	Description
424973-7	Clear	DFT085FMAZ & DFT127FMAZ Low Reaction
424972-9	Red	
424971-1	Blue	
424970-3	Yellow	


BL1430B & BL1415NA BATTERY COVER

Part No.	Color	Description
450599-9	Clear	BL1430B Battery Cover
454407-6	Clear	BL1415NA Battery Cover

TORQUE ADJUSTING KEY

Part No.	Description	Applicable Models
765027-4	Torque Adjusting Key 	All clutch tools

TOOL HOOK / BALANCER

Part No.	Description	Applicable Models
281012-4	Tool Hook 	All clutch tools

RIVETING PERFORMANCE.

XVR01

18V LXT® Lithium-Ion Brushless
Cordless Rivet Tool

ADVANCED ERGONOMICS

ONLY 12-3/8"
IN LENGTH

ONLY 4.9 LBS.
WITH BATTERY

POWER

Brushless Motor delivers 10 kN of pulling force

CAPACITY

Installs rivets up to 3/16" (4.8 mm)

EFFICIENCY

25mm stroke sets most rivets in one stroke

PERFORMANCE

Capable of pulling aluminum, steel, and stainless steel rivets

LXT® BRUSHLESS



makitaassemblytools.com