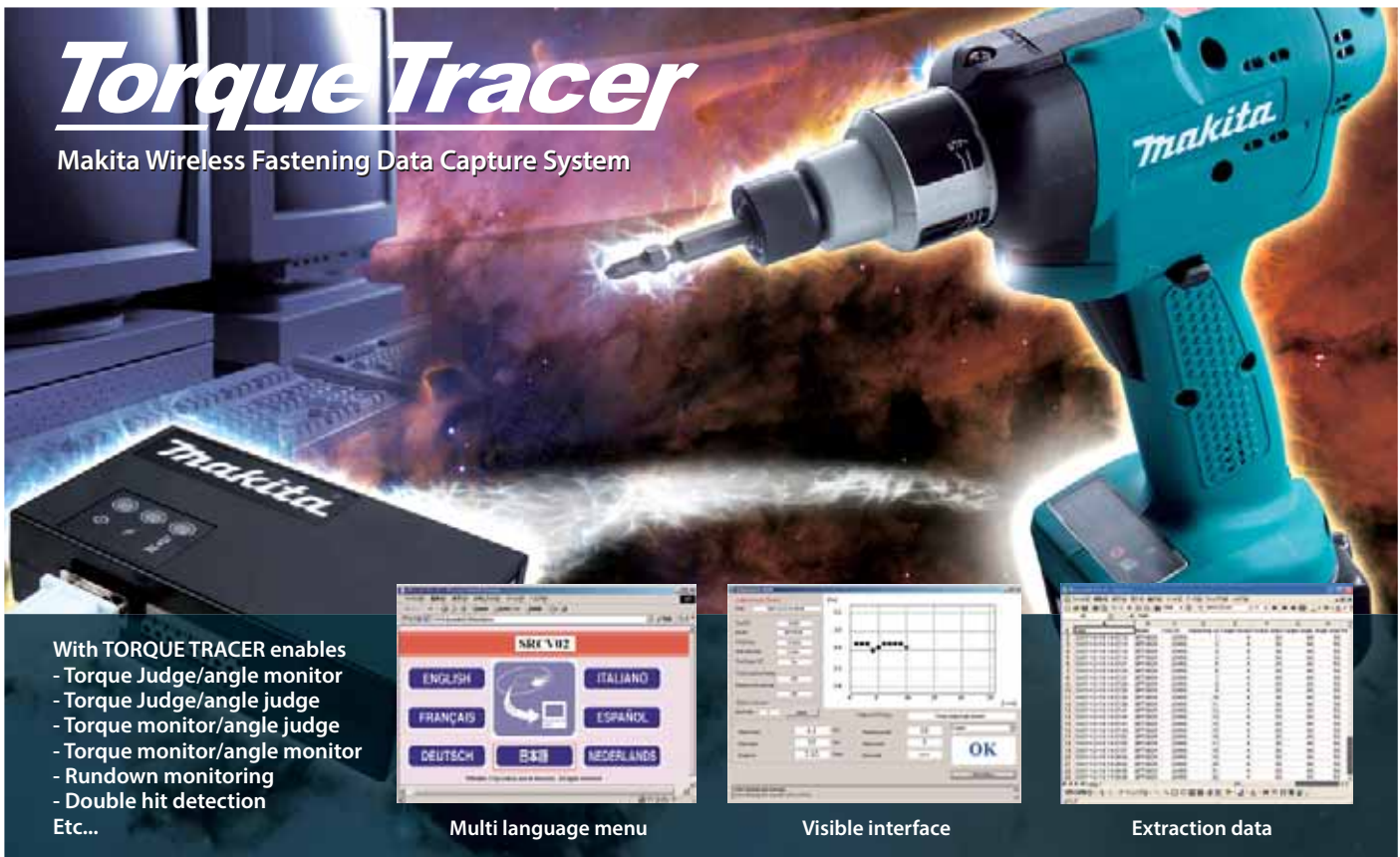




# Torque Tracer

Makita Wireless Fastening Data Capture System



- With TORQUE TRACER enables
- Torque Judge/angle monitor
  - Torque Judge/angle judge
  - Torque monitor/angle judge
  - Torque monitor/angle monitor
  - Rundown monitoring
  - Double hit detection
  - Etc...



Multi language menu



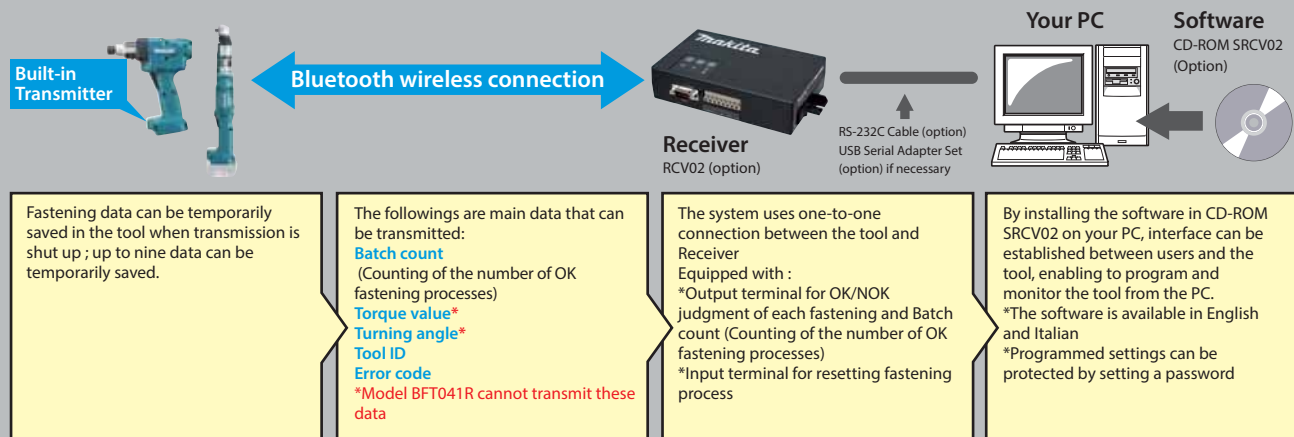
Visible interface



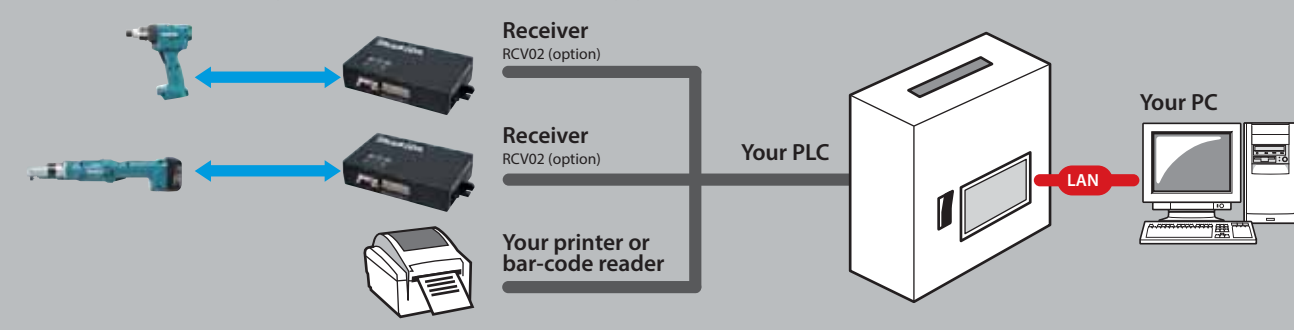
Extraction data

## Tool + Receiver + Your PC (Fastening Data Saving)

This system enables to transmit various fastening data from the tool and to save them in your PC via Receiver RCV02



## Can be extended to your peripheral devices by your PLC (Programmable logic controller)



Highly Reliable Communication System by Bluetooth  
 interactive communication and a strong resistance against radio interference



## Cordless Screwdriver

## Torque Tracer



14.4V



## 14.4V LXT BL Brushless Cordless Screwdriver, Torque Tracer

	DFT041R	DFT082R	DFT124R
Driving Shank (Hex)	6.35 mm (1/4")	6.35 mm (1/4")	6.35 mm (1/4")
No Load Speed (RPM)	800	860	600
Fastening Torque	Hard / Soft: 1 - 4 / 1 - 4 N-m (8.9 - 35 / 8.9 - 35 in.lbs.)	Hard / Soft: 4 - 8 / 4 - 8 N-m (35 - 71 / 35 - 71 in.lbs.)	Hard / Soft: 6 - 12 / 6 - 12 N-m (53 - 106 / 53 - 106 in.lbs.)
Vibration Level	Screwdriving without Impact: 2.5 m/s <sup>2</sup> or less	Screwdriving without Impact: 2.5 m/s <sup>2</sup> or less	Screwdriving without Impact: 2.5 m/s <sup>2</sup> or less
Sound Pressure Level	70 dB(A) or less	70 dB(A) or less	70 dB(A) or less
Dimensions (L x W x H)	191x72x266 mm (7-1/2"x2-13/16"x10-1/2")	191x72x266 mm (7-1/2"x2-13/16"x10-1/2")	191x72x266 mm (7-1/2"x2-13/16"x10-1/2")
Net weight	1.3 - 1.8 kg (2.9 - 4.0 lbs)	1.3 - 1.8 kg (2.9 - 4.0 lbs)	1.3 - 1.8 kg (2.9 - 4.0 lbs)

## Cordless Angle Screwdriver

## Torque Tracer



14.4V



## 14.4V LXT BL Brushless Cordless Angle Screwdriver, Torque Tracer

	DFL201R	DFL301R	DFL402R
Driving Shank (Square)	9.5 mm (3/8")	9.5 mm (3/8")	9.5 mm (3/8")
No Load Speed (RPM)	360	260	200
Fastening Torque	Hard / Soft: 10 - 20 / 10 - 20 N-m (88.5 - 177 / 88.5 - 177 in.lbs.)	Hard / Soft: 16 - 30 / 16 - 30 N-m (142 - 266 / 142 - 266 in.lbs.)	Hard / Soft: 25 - 40 / 25 - 40 N-m (221 - 354 / 221 - 354 in.lbs.)
Vibration Level	Screwdriving without Impact: 2.5 m/s <sup>2</sup> or less	Screwdriving without Impact: 2.5 m/s <sup>2</sup> or less	Screwdriving without Impact: 2.5 m/s <sup>2</sup> or less
Sound Pressure Level	72 dB(A) or less	74 dB(A) or less	72 dB(A)
Dimensions (L x W x H)	429x72x98 mm (16-7/8"x2-13/16"x3-7/8")	477x72x98 mm (18-3/4"x2-13/16"x3-7/8")	477x72x98 mm (18-3/4"x2-13/16"x3-7/8")
Net weight	1.5 - 1.9 kg (3.3 - 4.1 lbs)	1.8 - 2.2 kg (4.0 - 4.8 lbs)	1.8 - 2.2 kg (4.0 - 4.8 lbs)

## Cordless Screwdriver



14.4V



## 14.4V LXT BL Brushless Programmable Cordless 2 N-m (18 In.Lbs.) Screwdriver

	DFT023F	DFT045F
Driving Shank (Hex)	6.35 mm (1/4")	6.35 mm (1/4")
No Load Speed (RPM)	400 - 1,300	150 - 900
Fastening Torque	Hard / Soft: 0.5 - 2 / 0.5 - 2 N-m (4 - 18 / 4 - 18 in.lbs.)	Hard / Soft: 1 - 4 / 1 - 4 N-m (9 - 35 / 9 - 35 in.lbs.)
Vibration Level	Screwdriving without Impact: 2.5 m/s <sup>2</sup> or less	Screwdriving without Impact: 2.5 m/s <sup>2</sup> or less
Sound Pressure Level	70 dB(A) or less	70 dB(A) or less
Dimensions (L x W x H)	159x72x232 mm (6-1/4"x2-13/16"x9-1/8")	159x72x232 mm (6-1/4"x2-13/16"x9-1/8")
Net weight	1.1 - 1.3 kg (2.4 - 2.9 lbs)	1.1 - 1.3 kg (2.4 - 2.9 lbs)

Adjust Grip (country-specific), USB Cable

Battery &amp; Charger Sold Separately

## Cordless Screwdriver



14.4V



## 14.4V LXT BL Brushless Programmable Cordless Screwdriver

	DFT085F	DFT127F
Driving Shank (Hex)	6.35 mm (1/4")	6.35 mm (1/4")
No Load Speed (RPM)	150 - 900	100 - 600
Fastening Torque	Hard / Soft: 3 - 8 / 3 - 8 N-m (27 - 71 / 27 - 71 in.lbs.)	Hard / Soft: 5 - 12 / 5 - 12 N-m (44 - 106 / 44 - 106 in.lbs.)
Vibration Level	Screwdriving without Impact: 2.5 m/s <sup>2</sup> or less	Screwdriving without Impact: 2.5 m/s <sup>2</sup> or less
Sound Pressure Level	70 dB(A) or less	70 dB(A) or less
Dimensions (L x W x H)	190x72x237 mm (7-1/2"x2-13/16"x9-3/8")	190x72x237 mm (7-1/2"x2-13/16"x9-3/8")
Net weight	1.3 - 1.8 kg (2.8 - 3.9 lbs)	1.3 - 1.8 kg (2.8 - 3.9 lbs)

Adjust Grip (country-specific), USB Cable

Battery &amp; Charger Sold Separately

## Cordless Screwdriver



14.4V



## 14.4V LXT Li-Ion Cordless Screwdriver

	434  DFT043F	DFT083F	DFT125F
Driving Shank (Hex)	6.35 mm (1/4")	6.35 mm (1/4")	6.35 mm (1/4")
No Load Speed (RPM)	80	80	150
Fastening Torque	Hard / Soft: 1 - 4 / 1 - 4 N-m (8.9 - 35 / 8.9 - 35 in.lbs.)	Hard / Soft: 3 - 8 / 3 - 8 N-m (27 - 71 / 27 - 71 in.lbs.)	Hard / Soft: 5 - 12 / 5 - 12 N-m (44 - 106 / 44 - 106 in.lbs.)
Vibration Level	Drilling Into Metal: 2.5 m/s <sup>2</sup> or less	Drilling Into Metal: 2.5 m/s <sup>2</sup> or less	Drilling Into Metal: 2.5 m/s <sup>2</sup> or less
Sound Pressure Level	70 dB(A) or less	70 dB(A) or less	70 dB(A)
Dimensions (L x W x H)	200x72x255 mm (7-7/8"x2-13/16"x10")	200x72x255 mm (7-7/8"x2-13/16"x10")	200x72x255 mm (7-7/8"x2-13/16"x10")
Net weight	1.3 - 1.8 kg (2.9 - 4.0 lbs)	1.3 - 1.8 kg (2.9 - 4.0 lbs)	1.3 - 1.8 kg (2.9 - 4.0 lbs)

## Cordless Angle Screwdriver



14.4V



## 14.4V LXT Li-Ion Cordless Angle Screwdriver

	434  DFL062F	DFL124F	DFL203F
Driving Shank (Square)	9.5 mm (3/8")	9.5 mm (3/8")	9.5 mm (3/8")
No Load Speed (RPM)	470	410	220
Fastening Torque	Hard / Soft: 1.5 - 6 / 1.5 - 6 N-m (13 - 53 / 13 - 53 in.lbs.)	Hard / Soft: 5 - 12 / 5 - 12 N-m (18 - 71 / 18 - 71 in.lbs.)	Hard / Soft: 8 - 20 / 8 - 20 N-m (71 - 177 / 71 - 177 in.lbs.)
Vibration Level	Screwdriving without Impact: 2.5 m/s <sup>2</sup> or less	Screwdriving without Impact: 2.5 m/s <sup>2</sup> or less	Screwdriving without Impact: 2.5 m/s <sup>2</sup> or less
Sound Pressure Level	70 dB(A) or less	70 dB(A) or less	70 dB(A) or less
Dimensions (L x W x H)	432x74x98 mm (17"x2-15/16"x3-7/8")	432x74x98 mm (17"x2-15/16"x3-7/8")	432x74x98 mm (17"x2-15/16"x3-7/8")
Net weight	1.6 - 1.9 kg (3.6 - 4.2 lbs)	1.7 - 1.9 kg (3.6 - 4.2 lbs)	1.7 - 1.9 kg (3.7 - 4.2 lbs)

Torque Adjustment Tool

**Cordless Angle Screwdriver**



new

14.4V



**14.4V LXT BL Brushless Cordless Angle Screwdriver**

	<b>DFL083F</b>	<b>DFL125F</b>	<b>DFL204F</b>
Driving Shank (Square)	9.5 mm (3/8")	9.5 mm (3/8")	9.5 mm (3/8")
No Load Speed (RPM)	100 - 700	100 - 700	100 - 440
Fastening Torque	Hard / Soft: 2 - 8 / 2 - 8 N·m (18 - 71 / 18 - 71 in.lbs.)	Hard / Soft: 5 - 12 / 5 - 12 N·m (44 - 106 / 44 - 106 in.lbs.)	Hard / Soft: 8 - 20 / 8 - 20 N·m (71 - 177 / 71 - 177 in.lbs.)
Dimensions (L x W x H)	with BL1415N: 464x74x98 mm (18-1/4"x2-15/16"x3-7/8")	with BL1415N: 464x74x98 mm (18-1/4"x2-15/16"x3-7/8")	with BL1415N: 464x74x98 mm (18-1/4"x2-15/16"x3-7/8")
	with BL1430(B) / BL1440 / BL1450 / BL1460B: 481x74x98 mm (19"x2-15/16"x3-7/8")	with BL1430(B) / BL1440 / BL1450 / BL1460B: 481x74x98 mm (19"x2-15/16"x3-7/8")	with BL1430(B) / BL1440 / BL1450 / BL1460B: 481x74x98 mm (19"x2-15/16"x3-7/8")
Net weight	1.7 - 2.1 kg (3.8 - 4.7 lbs.)	1.7 - 2.1 kg (3.8 - 4.7 lbs.)	1.7 - 2.1 kg (3.8 - 4.7 lbs.)

Adjust Grip (country-specific), Protector (country-specific), USB Cable

**Cordless Angle Screwdriver**



new

14.4V



**14.4V LXT BL Brushless Cordless Angle Screwdriver**

	<b>DFL302F</b>	<b>DFL403F</b>
Driving Shank (Square)	9.5 mm (3/8")	9.5 mm (3/8")
No Load Speed (RPM)	70 - 230	50 - 220
Fastening Torque	Hard / Soft: 16 - 30 / 16 - 30 N·m (142 - 266 / 142 - 266 in.lbs.)	Hard / Soft: 25 - 40 / 25 - 40 N·m (221 - 354 / 221 - 354 in.lbs.)
Dimensions (L x W x H)	with BL1415N: 501x74x98 mm (19-3/4"x2-15/16"x3-7/8")	with BL1415N: 501x74x98 mm (19-3/4"x2-15/16"x3-7/8")
	with BL1430(B) / BL1440 / BL1450 / BL1460B: 518x74x98 mm (20-3/8"x2-15/16"x3-7/8")	with BL1430(B) / BL1440 / BL1450 / BL1460B: 518x74x98 mm (20-3/8"x2-15/16"x3-7/8")
Net weight	2.0 - 2.3 kg (4.4 - 5.2 lbs.)	2.0 - 2.3 kg (4.4 - 5.2 lbs.)

Adjust Grip (country-specific), Protector (country-specific), USB Cable

**Cordless Angle Screwdriver**



14.4V



**14.4V LXT Li-Ion Cordless Angle Screwdriver**

	<b>DFL061F</b>	<b>DFL082F</b>	<b>DFL122F</b>	<b>DFL202F</b>
434 mm				
Driving Shank (Square)	9.5 mm (3/8")	9.5 mm (3/8")	9.5 mm (3/8")	9.5 mm (3/8")
No Load Speed (RPM)	470	700	410	220
Fastening Torque	Hard / Soft: 1.5 - 6 / 1.5 - 6 N·m (13 - 53 / 13 - 53 in.lbs.)	Hard / Soft: 2 - 8 / 2 - 8 N·m (18 - 71 / 18 - 71 in.lbs.)	Hard / Soft: 5 - 12 / 5 - 12 N·m (44 - 106 / 44 - 106 in.lbs.)	Hard / Soft: 8 - 20 / 8 - 20 N·m (71 - 177 / 71 - 177 in.lbs.)
Vibration Level	Screwdriving without Impact: 2.5 m/s <sup>2</sup> or less	Screwdriving without Impact: 2.5 m/s <sup>2</sup> or less	Screwdriving without Impact: 2.5 m/s <sup>2</sup> or less	Screwdriving without Impact: 2.5 m/s <sup>2</sup> or less
Sound Pressure Level	70 dB(A) or less	70 dB(A) or less	70 dB(A) or less	70 dB(A) or less
Dimensions (L x W x H)	405x74x98 mm (16"x2-15/16"x3-7/8")	405x74x98 mm (16"x2-15/16"x3-7/8")	405x74x98 mm (16"x2-15/16"x3-7/8")	405x74x98 mm (16"x2-15/16"x3-7/8")
Net weight	1.5 - 1.9 kg (3.3 - 4.1 lbs)	1.5 - 1.9 kg (3.4 - 4.2 lbs)	1.5 - 1.9 kg (3.4 - 4.2 lbs)	1.5 - 1.9 kg (3.4 - 4.2 lbs)

**Cordless Angle Screwdriver**



14.4V



**14.4V LXT BL Brushless Angle Screwdriver**

	<b>DFL123F</b>	<b>DFL201F</b>	<b>DFL301F</b>	<b>DFL402F</b>
Driving Shank (Square)	9.5 mm (3/8")	9.5 mm (3/8")	9.5 mm (3/8")	9.5 mm (3/8")
No Load Speed (RPM)	1,200	360	260	200
Fastening Torque	Hard / Soft: 5 - 12 / 5 - 12 N·m (44 - 106 / 44 - 106 in.lbs.)	Hard / Soft: 8 - 20 / 8 - 20 N·m (71 - 177 / 71 - 177 in.lbs.)	Hard / Soft: 16 - 30 / 16 - 30 N·m (142 - 266 / 142 - 266 in.lbs.)	Hard / Soft: 25 - 40 / 25 - 40 N·m (221 - 354 / 221 - 354 in.lbs.)
Vibration Level	Screwdriving without Impact: 2.5 m/s <sup>2</sup> or less	Screwdriving without Impact: 2.5 m/s <sup>2</sup> or less	Screwdriving without Impact: 2.5 m/s <sup>2</sup> or less	Screwdriving without Impact: 2.5 m/s <sup>2</sup> or less
Sound Pressure Level	74 dB(A)	72 dB(A)	74 dB(A)	72 dB(A)
Dimensions (L x W x H)	417x73x104 mm (16-7/16"x2-7/8"x4-1/8")	429x72x98 mm (16-7/8"x2-13/16"x3-7/8")	477x72x98 mm (18-3/4"x2-13/16"x3-7/8")	477x72x98 mm (18-3/4"x2-13/16"x3-7/8")
Net weight	1.5 - 1.9 kg (3.3 - 4.1 lbs)	1.5 - 2.1 kg (3.3 - 4.5 lbs)	1.7 - 2.1 kg (3.8 - 4.6 lbs)	1.7 - 2.1 kg (3.8 - 4.6 lbs)

**Cordless Angle Screwdriver**



18V



**18V LXT BL Brushless Cordless Angle Screwdriver**

	<b>DFL651F</b>	<b>DFL650F</b>
Driving Shank (Square)	9.5 / 12.7 mm (3/8 / 1/2")	9.5 / 12.7 mm (3/8 / 1/2")
No Load Speed (RPM)	80 - 200	80 - 200
Fastening Torque	Hard / Soft: 25 - 65 / 25 - 65 N·m (220 - 580 / 220 - 580 in.lbs.)	Hard / Soft: 25 - 65 / 25 - 65 N·m (220 - 580 / 220 - 580 in.lbs.)
Vibration Level	Screwdriving without Impact: 2.5 m/s <sup>2</sup> or less	Screwdriving without Impact: 2.5 m/s <sup>2</sup> or less
Sound Pressure Level	72 dB(A)	72 dB(A)
Dimensions (L x W x H)	600x75x116 mm (23-5/8"x2-15/16"x4-9/16")	600x75x116 mm (23-5/8"x2-15/16"x4-9/16")
Net weight	2.5 - 2.9 kg (5.5 - 6.5 lbs)	2.4 - 2.9 kg (5.3 - 6.3 lbs)

Torque Adjustment Tool, USB Cable

**Cordless Screwdriver**



12V



**12V Ni-MH Cordless Screwdriver**

	<b>BFH040F</b>	<b>BFH090F</b>	<b>BFH120F</b>
No Load Speed (RPM)	400	400	400
Recommended torque	Hard / Soft: 0.8 - 4.5 / 0.8 - 4.5 N·m 190 mm (7-1/2")	Hard / Soft: 3.4 - 9 / 3.4 - 9 N·m 190 mm (7-1/2")	Hard / Soft: 5 - 12 / 5 - 12 N·m 190 mm (7-1/2")
Overall Length	190 mm (7-1/2")	190 mm (7-1/2")	190 mm (7-1/2")
Net weight	1.4 - 2.0 kg (3.0 - 4.4 lbs)	1.4 - 2.0 kg (3.0 - 4.4 lbs)	1.4 - 2.0 kg (3.0 - 4.4 lbs)


## Cordless Screwdriver



12V



## 12V Ni-MH Cordless Screwdriver

434 	BFT042F	BFT081F	BFT123F
No Load Speed (RPM)	1,200	700	390
Recommended torque	Hard / Soft: 1-4 / 1-3.5 N-m	Hard / Soft: 3-8/3-7.5 N-m	Hard / Soft: 5-12 / 5-12 N-m
Overall Length	200 mm (7-7/8")	200 mm (7-7/8")	200 mm (7-7/8")
Net weight	1.5 - 2.0 kg (3.3 - 4.4 lbs)	1.5 - 2.0 kg (3.3 - 4.4 lbs)	1.6 - 2.1 kg (3.6 - 4.7 lbs)


## Cordless Screwdriver



9.6V



## 9.6V Ni-MH Cordless Screwdriver

434 	BFT040F	BFT080F	BFT122F
No Load Speed (RPM)	950	540	320
Recommended torque	Hard / Soft: 1-4 / 1-3.5 N-m	Hard / Soft: 3-8 / 3-6.5 N-m	Hard / Soft: 5-12 / 5-10 N-m
Overall Length	200 mm (7-7/8")	200 mm (7-7/8")	200 mm (7-7/8")
Net weight	1.4 - 1.8 kg (3.1 - 4.0 lbs)	1.4 - 1.8 kg (3.1 - 4.0 lbs)	1.4 - 1.8 kg (3.1 - 4.0 lbs)


## Cordless Screwdriver



9.6V



## 9.6V Ni-MH Cordless Screwdriver

434 	BFT020F	BFT021F
Driving Shank (Hex)	6.35 mm (1/4")	6.35 mm (1/4")
No Load Speed (RPM)	540	320
Recommended torque	Hard / Soft: 0.5-2.0 / 0.5-2.0 N-m	Hard / Soft: 0.5-2.0 / 0.5-2.0 N-m
Dimensions (L x W x H)	200x65x251 mm (7-7/8"x2-9/16"x9-7/8")	200x65x251 mm (7-7/8"x2-9/16"x9-7/8")
Net weight	1.3 - 1.7 kg (2.8 - 3.7 lbs)	1.4 - 1.8 kg (3.1 - 4.0 lbs)

## Cordless Angle Screwdriver

BL  
MOTOR

14.4V



## 14.4V Ni-MH BL Brushless Cordless Angle Screwdriver

	DFL300F	DFL400F
No Load Speed (RPM)	400	260
Recommended torque	Hard / Soft: 16-30/16-30 N-m	Hard / Soft: 25-40/25-40 N-m
Overall Length	506 mm (20")	510 mm (20-1/16")
Net weight	2.3 kg (5.1 lbs)	2.4 kg (5.3 lbs)


## Cordless Angle Screwdriver



12V



## 12V Ni-MH Cordless Angle Screwdriver

434 	BFL081F	BFL121F	BFL200F
No Load Speed (RPM)	700	410	220
Recommended torque	Hard / Soft: 2-8 / 2-7.5 N-m	Hard / Soft: 5-12 / 5-11.5 N-m	Hard / Soft: 8-20 / 8-18 N-m
Overall Length	430 mm (17")	430 mm (17")	430 mm (17")
Net weight	1.6 - 2.4 kg (3.6 - 5.2 lbs)	1.6 - 2.4 kg (3.6 - 5.2 lbs)	1.6 - 2.4 kg (3.6 - 5.2 lbs)


## Cordless Angle Screwdriver



9.6V



## 9.6V Ni-MH Cordless Angle Screwdriver

434 	BFL060F	BFL080F	BFL120F
No Load Speed (RPM)	450	450	250
Recommended torque	Hard / Soft: 1.5-6 / 1.5-6 N-m	Hard / Soft: 2-8 / 2-7.5 N-m	Hard / Soft: 5-12 / 5-12 N-m
Overall Length	430 mm (17")	430 mm (17")	430 mm (17")
Net weight	1.4 - 2.1 kg (3.0 - 4.6 lbs)	1.5 - 2.0 kg (3.3 - 4.5 lbs)	1.5 - 2.0 kg (3.3 - 4.5 lbs)



**Cordless Impact Driver**



14.4V



**14.4V LXT Li-Ion Cordless Impact Driver**

440 mm	BTD143	BTD125
Driving Shank (Hex)	6.35 mm (1/4")	6.35 mm (1/4")
No Load Speed (RPM)	0-2,300	0-2,300
Impacts Per Minute (IPM)	0-3,200	0-3,200
Max Fastening Torque	140 N·m (1,240 in.lbs.)	120 N·m (1,060 in.lbs.)
Dimensions (L x W x H)	153x79x233 mm (6"x3-1/8"x9-1/8")	153x79x233 mm (6"x3-1/8"x9-1/8")
Net weight	1.2 - 1.4 kg (2.6 - 3.1 lbs)	1.3 - 1.5 kg (2.8 - 3.3 lbs)

Compatible with only batteries with battery fuel gauge.

**Cordless Impact Driver**



14.4V



**14.4V LXT Li-Ion Cordless Impact Driver**

440 mm	BTD104	BTD064	BTD044
Capacity	Machine Screw: M4 - M8 (5/32" - 5/16") Standard Bolt: M5 - M12 (3/16" - 1/2") High Tensile Bolt: M5 - M10 (3/16" - 3/8")	Machine Screw: M4 - M8 (5/32" - 5/16") Standard Bolt: M5 - M12 (3/16" - 1/2") High Tensile Bolt: M5 - M10 (3/16" - 3/8")	Machine Screw: M4 - M8 (5/32" - 5/16") Standard Bolt: M5 - M10 (3/16" - 3/8") High Tensile Bolt: M5 - M6 (3/16" - 1/4")
No Load Speed (RPM)	0 - 2,700	0-2,500	0-2,300
Impacts Per Minute (IPM)	0 - 3,500	0-3,500	0-3,500
Max Fastening Torque	95 N·m (841 in.lbs.)	65 N·m (575 in.lbs.)	35 N·m (310 in.lbs.)
Dimensions (L x W x H)	144x74x216 mm (5-5/8"x2-15/16"x8-1/2")	144x74x216 mm (5-5/8"x2-15/16"x8-1/2")	144x74x216 mm (5-5/8"x2-15/16"x8-1/2")
Net weight	1.1 - 1.3 kg (2.3 - 2.9 lbs)	1.1 - 1.3 kg (2.3 - 2.9 lbs)	1.1 - 1.3 kg (2.3 - 2.9 lbs)

Compatible with only batteries with battery fuel gauge.

**Cordless Impact Driver**



14.4V



**14.4V LXT Li-Ion Cordless Impact Driver**

440 mm	BTD103	BTD063	BTD043
Capacity	Machine Screw: M4 - M8 (5/32" - 5/16") Standard Bolt: M5 - M12 (3/16" - 1/2") High Tensile Bolt: M5 - M10 (3/16" - 3/8")	Machine Screw: M4 - M8 (5/32" - 5/16") Standard Bolt: M5 - M12 (3/16" - 1/2") High Tensile Bolt: M5 - M10 (3/16" - 3/8")	Machine Screw: M4 - M8 (5/32" - 5/16") Standard Bolt: M5 - M10 (3/16" - 3/8") High Tensile Bolt: M5 - M6 (3/16" - 1/4")
No Load Speed (RPM)	0 - 2,700	0-2,500	0-2,300
Impacts Per Minute (IPM)	0 - 3,500	0-3,500	0-3,500
Max Fastening Torque	95 N·m (841 in.lbs.)	65 N·m (575 in.lbs.)	35 N·m (310 in.lbs.)
Dimensions (L x W x H)	144x74x216 mm (5-5/8"x2-15/16"x8-1/2")	144x74x216 mm (5-5/8"x2-15/16"x8-1/2")	144x74x216 mm (5-5/8"x2-15/16"x8-1/2")
Net weight	1.0 - 1.3 kg (2.3 - 2.8 lbs)	1.0 - 1.3 kg (2.3 - 2.8 lbs)	1.0 - 1.2 kg (2.2 - 2.7 lbs)

Compatible with only batteries with battery fuel gauge.

**Cordless Impact Driver**



10.8V



**10.8V (12V max) Li-Ion Cordless Impact Driver**

440 mm	TD091D
Capacity	Machine Screw: M4 - M8 (5/32" - 5/16") Standard Bolt: M5 - M12 (3/16" - 1/2") High Tensile Bolt: M5 - M10 (3/16" - 3/8") Coarse thread (in length): 22 - 90 mm (7/8" - 3-1/2")
No Load Speed (RPM)	0 - 2,400
Impacts Per Minute (IPM)	0 - 3,000
Max Fastening Torque	90 N·m (800 in.lbs.)
Dimensions (L x W x H)	134x54x200 mm (5-1/4"x2-1/8"x7-7/8")
Net weight	0.86 kg (1.9 lbs)

Charger, Battery

**Cordless Impact Driver**



9.6V



**9.6V Ni-MH Cordless Impact Driver**

434 mm	BTD042	BTD062
Capacity	Machine Screw: M4 - M8 (5/32" - 5/16") Standard Bolt: M5 - M10 (3/16" - 3/8") High Tensile Bolt: M5 - M8 (3/16" - 5/16")	Machine Screw: M4 - M8 (5/32" - 5/16") Standard Bolt: M5 - M12 (3/16" - 1/2") High Tensile Bolt: M5 - M10 (3/16" - 3/8")
No Load Speed (RPM)	0-2,500	0-2,500
Impacts Per Minute (IPM)	0-3,500	0-3,000
Max Fastening Torque	40 N·m (354 in.lbs.)	65 N·m (575 in.lbs.)
Overall Length	164 mm (6-7/16")	164 mm (6-7/16")
Net weight	1.0 - 1.2 kg (2.2 - 2.6 lbs)	1.0 - 1.2 kg (2.2 - 2.6 lbs)

**Cordless Impact Driver**



9.6V



▼ BTD061

**9.6V Ni-MH Cordless Impact Driver**

434 mm	BTD040	BTD061	BTD060
Capacity	Machine Screw: M4 - M8 (5/32" - 5/16") Standard Bolt: M5 - M10 (3/16" - 3/8") High Tensile Bolt: M5 - M8 (3/16" - 5/16")	Machine Screw: M4 - M8 (5/32" - 5/16") Standard Bolt: M5 - M12 (3/16" - 1/2") High Tensile Bolt: M5 - M10 (3/16" - 3/8")	Bolt: M4 - M8 (5/32" - 5/16") Standard Bolt: M5 - M12 (3/16" - 1/2") High Tensile Bolt: M5 - M10 (3/16" - 3/8")
No Load Speed (RPM)	0-2,500	0-2,500	0-2,500
Impacts Per Minute (IPM)	0-3,500	0-3,000	0-3,000
Max Fastening Torque	40 N·m (354 in.lbs.)	65 N·m (575 in.lbs.)	65 N·m (575 in.lbs.)
Overall Length	164 mm (6-7/16")	164 mm (6-7/16")	164 mm (6-7/16")
Net weight	1.1 - 1.3 kg (2.4 - 2.8 lbs)	1.0 - 1.2 kg (2.2 - 2.6 lbs)	1.1 - 1.3 kg (2.5 - 2.9 lbs)

## Cordless Impact Wrench



14.4V



### 14.4V Ni-MH Cordless 1/2" (12.7 mm) Impact Wrench

448

434	BTW151	BTW150
Capacity	Standard Bolt: M10 - M16 (3/8" - 5/8") High Tensile Bolt: M8 - M12 (5/16" - 1/2") Square drive: 12.7 mm (1/2")	Standard Bolt: M10 - M16 (3/8" - 5/8") High Tensile Bolt: M8 - M12 (5/16" - 1/2") Square drive: 12.7 mm (1/2")
Impacts Per Minute (IPM)	0-3,000	0-3,000
No Load Speed (RPM)	0-2,300	0-2,300
Max Fastening Torque	150 N·m (1,330 in.lbs.)	150 N·m (1,330 in.lbs.)
Overall Length	193 mm (7-5/8")	193 mm (7-5/8")
Net weight	1.5 - 2.3 kg (3.4 - 5.0 lbs)	2.0 kg (4.4 lbs)

Socket

## Cordless Impact Wrench



14.4V



### 14.4V LXT Li-Ion Cordless 1/2" (12.7 mm) Impact Wrench

448

440	BTW130	BTW110
Capacity	Standard Bolt: M8 - M16 (5/16" - 5/8") High Tensile Bolt: M6 - M12 (1/4" - 1/2")	Standard Bolt: M8 - M16 (5/16" - 5/8") High Tensile Bolt: M6 - M12 (1/4" - 1/2")
Impacts Per Minute (IPM)	0-3,200	0-3,200
No Load Speed (RPM)	0-2,300	0-2,300
Max Fastening Torque	130 N·m (1,150 in.lbs.)	110 N·m (970 in.lbs.)
Dimensions (L x W x H)	166x79x233 mm (6-1/2"x3-1/8"x9-1/8")	155x79x233 mm (6-1/8"x3-1/8"x9-1/8")
Net weight	1.3 - 1.6 kg (2.9 - 3.5 lbs)	1.1 - 1.3 kg (2.4 - 3.0 lbs)

Compatible with only batteries with battery fuel gauge.

## Cordless Impact Wrench



14.4V



### 14.4V LXT Li-Ion Cordless 3/8" (9.5 mm) Impact Wrench

	BTW104	BTW103
Capacity	Standard Bolt: M5 - M12 (3/16" - 1/2") High Tensile Bolt: M5 - M10 (3/16" - 3/8")	Standard Bolt: M5 - M12 (3/16" - 1/2") High Tensile Bolt: M5 - M10 (3/16" - 3/8")
Impacts Per Minute (IPM)	0-3,500	0-3,500
No Load Speed (RPM)	0-2,700	0-2,700
Max Fastening Torque	95 N·m (841 in.lbs.)	95 N·m (841 in.lbs.)
Dimensions (L x W x H)	144x74x216 mm (5-5/8"x2-15/16"x8-1/2")	144x74x216 mm (5-5/8"x2-15/16"x8-1/2")
Net weight	1.1 - 1.3 kg (2.3 - 2.9 lbs)	1.0 - 1.3 kg (2.3 - 2.8 lbs)

Compatible with only batteries with battery fuel gauge. Battery and charger are sold separately.

## Cordless Impact Wrench



14.4V



### 14.4V LXT Li-Ion Cordless 3/8" (9.5 mm) Impact Wrench

440	BTW074	BTW073
Capacity	Standard Bolt: M5 - M12 (3/16" - 1/2") High Tensile Bolt: M5 - M10 (3/16" - 3/8")	Standard Bolt: M5 - M12 (3/16" - 1/2") High Tensile Bolt: M5 - M10 (3/16" - 3/8")
Impacts Per Minute (IPM)	0-3,500	0-3,500
No Load Speed (RPM)	0-2,500	0-2,500
Max Fastening Torque	65 N·m (575 in.lbs.)	65 N·m (575 in.lbs.)
Dimensions (L x W x H)	144x74x216 mm (5-5/8"x2-15/16"x8-1/2")	144x74x216 mm (5-5/8"x2-15/16"x8-1/2")
Net weight	1.1 - 1.3 kg (2.3 - 2.9 lbs)	1.3 - 1.6 kg (2.9 - 3.5 lbs)

Compatible with only batteries with battery fuel gauge. Battery and charger are sold separately.

# Battery & Charger Time Reference Chart (in Minutes)



14.4V  
Lithium-ion

6.0  
Ah

• BL1460A



1.5  
Ah

• BL1415NA  
(196280-5)



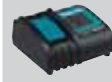
DC18RC



9.6V,12V  
14.4V,18V

55

DC18SD



9.6V,12V  
14.4V,18V

130

DC18SE  
(Automotive)



9.6V,12V  
14.4V,18V

130

DC24WA



9.6V,12V,14.4V  
18V,24V

-

DC24SA  
DC24SC



9.6V,12V,14.4V  
18V,24V

75

20

### Dust extraction system set

This system is designed to collect dust effectively with on-off operation of the tool's on-off trigger switch interlocked with this system.  
 Dust case set: 196163-9  
 Filter set: 196165-5



Model No.	Description	Part No.
DHR242	DX01	195895-5
DHR243	DX02	195901-6
DHR280, DHR282	DX03	-
DHR281, DHR283	DX04	-

### Drill chuck assembly



\*For North America

Type	Part No.
For Impact Driver	
Connect Bit 6.35-44 Keyless MZ	*194250-8
Connect Bit 6.35-44 Keyless MZ	194251-6
Connect Bit 6.35-48 Keyless NZ	192121-3
Connect Bit 6.35-44 MZ	191881-4
Connect Bit 6.35-48 NZ	192173-4
Connect Bit 6.35-48 NZ	191880-6

### Magnetic bit holder type MZ

(For insert bit)



Model No.	Size	Part No.
DFS440, DFS450, DFS441, DFS451	6.35-60	784811-8
	6.35-76	784801-1
DFS452	6.35-60	784813-4
	6.35-76	784812-6

### Adjustable locator set with bit

For Model:  
 DTD130F, DTD133, DTD134, DTD140, DTD141, DTD142, DTD145, DTD146, DTP130, DTP140, DSTS130, 6916FD, 6935FD, 6936FD, 6980FD, TD0100, TD0101, TD0101F

\*with E-form Bit (MZ), \*\*without Bit



Part No.	Destination
*194281-7	-
**194280-9	-
194633-2	for North America

### Straight head, Angle head, Angle wrench head, Ratchet head



Straight head



Angle head



Angle wrench head



Ratchet



For Model:  
 DTL060, DTL061, DTL062, DTL063, TL064D, TL065D

Description	Type	Part No.
Straight head	NZ	192440-7
	For E-form bit MZ	192486-3
Angle head	-	135183-8
	For C-form bit	135200-4
	For E-form bit	135125-2
Angle wrench head	9.5mm (3/8")	135201-2
Ratchet head	-	192439-2

### Ratchet head adapter (Socket, Socket adapter)

use with Ratchet head  
 Socket



Socket adapter



For Model:  
 DTL060, DTL061, DTL062, DTL063, TL064D, TL065D

Type	Size	Part No.
Socket	17 x 31 (A x L)	134743-3
	19 x 33 (A x L)	134744-1
Socket adapter	9.5mm (3/8")	134745-9
	12.7mm (1/2")	134746-7

### Rubber pad assembly

(Use with wool bonnet)



Part No.
123001-2

### Wool bonnet

100mm (3-15/16") dia.  
 (Use with rubber pad for polishing and buffing)



Part No.
794173-6



**Foam polishing pad**

125mm (4-7/8") dia.  
(For polishing glass, etc.)



Part No.

794159-0

**Guide rule**

(Rip fence)



Model No.

Part No.

4191D, 5093D, 5094D, DSS501, DSS500, DSS610, DSS611, DCS550, HS300D

164095-8

DSR780

165153-3

DSP600, DSP601

165447-6

**Flexible set**

Model No.

L (mm)

Part No.

DVR340, DVR350

800

126207-1

DVR440, DVR450

1200

126206-3

DVR850

2400

126208-9

**Holder set**

A: 300ml size Holder



B: 600ml size Holder



C: 800ml size Holder



Model No.

Type

Part No.

DCG180, DCG140, CG100D

A

196351-8

B

196352-6

C

197195-9

**Shear blade (L)**

Model No.

Part No.

DUP361

197367-6(EU)

197749-2

**Shear blade (U)**

Model No.

Part No.

DUP361

197588-0(EU)

197748-4

**Diamond file**

Model No.

Part No.

DUP361

794530-8

**Blade**For  
DSD180, SD100DFor  
CP100D

Model No.

For Material

Part No.

DSD180, SD100D

Dry wall

B-49703

Wood

B-49719

CP100D

-

198604-1

**Shoulder strap for carrying case**

Part No.

166070-0

**Depth gauge**

(Stopper pole)



Model No.

Part No.

BDF460, DHP441, DHP451, DHP444, DHP454, BHP460,

122576-8

Rotary hammer &amp; Combination Hammer

DHR165, HR166D

415486-9

DHR202 DHR241, DHR242, DHR243, BHR262, BHR262T, DHR263, DHR264, HR262D, HR262TD

324219-0

DHR280, DHR281, DHR282, DHR283

321248-4

DHR400

331955-1

## Dustcup set & Grip base set

\*Standard equipment  
Dustcup set  
Photo:  
198362-9



Grip base set  
with Spacer assembly, Hex. bolt and grip base  
Photo:  
194583-1



Model No.	Dustcup set	Grip base set
	Part No.	Part No.
HR1840, HR1841F, DHR165, HR166D	198362-9	194581-5
HR2230, HR2460/F		194583-1
HR2470/F, HR2475, BHR262, DHR263, HR262D, DHR202, DHR241		194582-3
HR2432		198865-3
HR2800, HR2810, HR2811F		*
HR2300, HR2600, HR2601, HR2610, HR2611F, HR2630, HR2631F, HR2641	195048-6	*
HR2320T, HR2610T, HR2611FT, HR2630T, HR2631FT	195132-7	*
DHR242, DHR280, DHR282, HR2650, HR2651 HR2661	195048-6	*
DHR243, DHR281, DHR283, HR2651T	195132-7	*

## Standard type side grip Component



Model No.	Grip assembly	Part No.	Component	Part No.
DHR165, HR166D	-		Hex. Bolt M8x120	921923-8
			Grip base	417911-6
			Grip 36 complete	158057-6
BHR262T, DHR263, DHR264, HR262D, HR262TD	-		Hex. Bolt M8x120	921923-8
			Hex. Washer	345280-4
			Grip base	417630-4
			Grip 36 complete	158057-6
DHR242, DHR243	-		Hex. Bolt M8x90	266745-2
			Grip base	453129-5
			Grip 36 complete	158057-6
DHR400	123138-5		Grip 36 complete	158131-0
			Compression spring 6	234226-4
			cup square neck bolt M8x80	266163-4
			Rack guide	313223-4
			Plate	344492-6
			Grip spring 73	346535-0
			Lock button	453114-8
			Side grip base 73	453119-8
DHR280, DHR281, DHR282, DHR283	126882-3		Lock button complete	144959-2
			Fix pin	161838-9
			Compression spring 4	233360-7
			thumb screw M6x50	265625-9
			Cap	422255-1
			Sponge sheet	422258-5
			Side handle base	458355-1
			Grip 36	458357-7
			Hex. Nut M6	931302-2

## Adjuster set



Model No.	Part No.
DST112, DST111, ST113D, ST313D	197731-1

## Staple & Pin nail

Staple

Model No.	Pcs/ box	L (mm)	Part No.
DST110, DTS111, DTS112, TS113D	25,000	7	F-81518
	15,000	10	F-81521

Staple: 5,040 pcs/ box

Model No.	Pcs/ box	L (mm)	Part No.
		10	F-32647
DST220 DST221 T221D	5,040	13	F-32650
		16	F-32663
		19	F-32676
BST220, BST221		22	F-32689

Pin Nail 23Ga

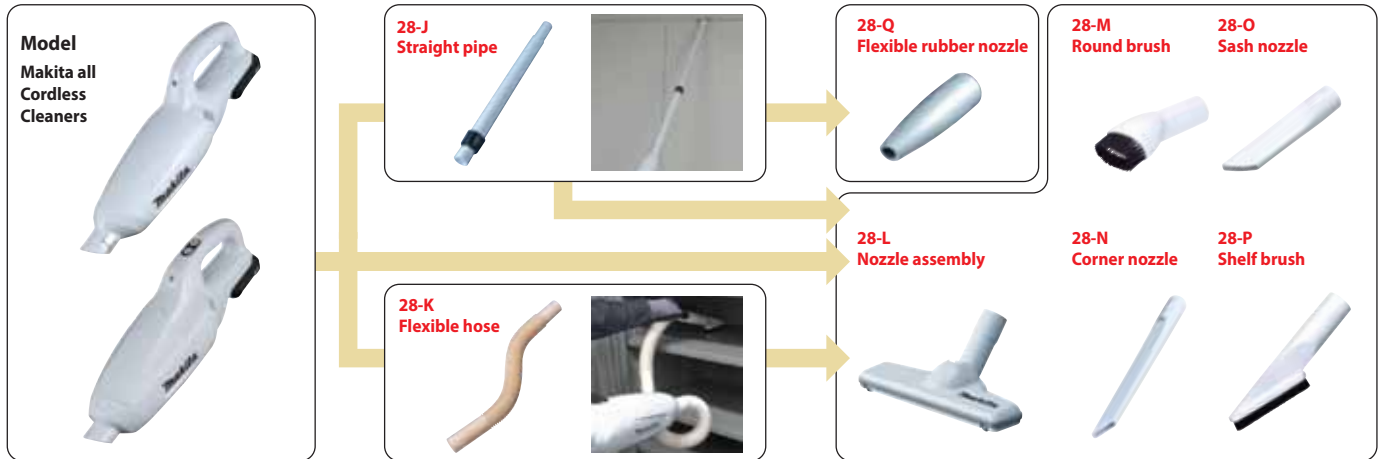
Model No.	Pcs/ box	L (mm)	Part No.
		18	F-31825
DPT350	10,000	25	F-31838
		30	F-31841
		35	F-31854

Stainless Pin Nail 23Ga

Model No.	Pcs/ box	L (mm)	Part No.
		18	F-32142
DSPT350	10,000	25	F-32155
		30	F-32168
		35	F-32171



# Cordless Cleaner System charts



## For Cordless Cleaner

### 28-J Straight pipe



Description	Color	Part No.	EU
			Part No.
Telescopic pipe assembly 28 Pipe length is variably adjustable from 500 to 850mm.	White	198559-0	198560-5
Pipe 28	Ivory	451424-7	-
	White	451241-5	-
	Blue	451244-9	-
	Red	451425-5	-
	Pink	457231-6	-
	Black	456587-4	-

### 28-K Flexible hose set28



Description	Color	Part No.	EU
			Part No.
Flexible hose set28  Superior in flexibility and for the cleaning of the small place in the car	Ivory	191496-7	198544-3
	White	198867-9	198868-7
	Blue	198541-9	198545-1
	Red	198542-7	198546-9
	Pink	198870-0	198871-8
	Black	198543-5	198547-7

### 28-L Nozzle assembly

F/C switching t-nozzle 38



Description	Color	Part No.	EU
			Part No.
F/C switching t-nozzle 38 Flooring & carpet	White	198183-9	198532-0

## Nozzle assembly

Floor/carpet t-nozzle  
For rug / carpet cleaning



Description	Color	Part No.	EU
			Part No.
Floor/carpet t-nozzle For rug / carpet cleaning	Ivory	198150-4	198149-9
	White	198525-7	198528-1
	Blue	198523-1	198527-3
	Red	198524-9	198522-3
	Pink	198882-3	198883-1
	Black	198526-5	198529-9

## Nozzle assembly

Floor t-nozzle 28



Description	Color	Part No.
Floor t-nozzle 28	Ivory	123485-4
	White	123486-2
	Blue	123488-8
	Red	123489-6
	Pink	123843-4
	Black	123539-7

**Nozzle assembly**

For rug / carpet cleaning



Description	Color	Part No.	EU
			Part No.
For rug / carpet cleaning	Ivory	122291-4	-

**Nozzle assembly**

Seat nozzle 28



Description	Color	Part No.	EU
			Part No.
Seat nozzle 28 For car seat	White	199037-3	199038-1
	Blue	199040-4	199041-2
	Black	198921-9	199039-9

**28-M****Round brush 28**

Color	Part No.	EU
		Part No.
Ivory	198548-5	198552-4
White	198877-6	198878-4
Blue	198549-3	198553-2
Red	198550-8	198554-0
Pink	198880-7	198881-5
Black	198551-6	198555-8

**28-N****Corner nozzle 300-28**

Size	Color	Part No.	EU
			Part No.
300-28mm	White	198918-8	198919-6
	Blue	198989-5	198990-0
	Black	198991-8	198992-6

**28-O****Sash nozzle 28**

Description	Color	Part No.
Sash nozzle 28	Ivory	416041-0
	White	451240-7
	Blue	451243-1
	Red	416225-0
	Pink	457228-5
	Black	456586-6

**28-P****Shelf brush set28**

(For gentle cleaning by soft-tipped brush)



Color	Part No.	EU
		Part No.
Ivory	191724-0	198537-0
White	198872-6	198873-4
Blue	198534-6	198538-8
Red	198535-4	198539-6
Pink	198875-0	198876-8
Black	198536-2	198540-1

**28-Q****Flexible rubber nozzle**

Color	Part No.	EU
		Part No.
gray	197900-4	197901-2

### Cordless Cleaner for Capsule type

For Model:  
CL183D, DCL181F, DCL180, CL111D, CL106FD, CL070D  
Filter

Pre filter



Easy shake off dust filter



Description	Per pkg.	Part No.
Filter	10	198914-6
	10	198915-4 (EU)
Pre filter	1	198750-0
	1	198751-8 (EU)
Easy shake off dust filter	1	198752-6
	1	198753-4 (EU)



### Cordless Cleaner for Paper bag type

For Model:  
DCL182, CL107FD, CL105D, CL104D, CL072D  
Paper filter

Dust bag



Easy shake off dust bag



Description	Per pkg.	Part No.
Paper filter Anti-bacterial type	10	194565-3
	10	198744-5 (EU)
	5	198745-3 (EU)
Dust bag	1	198746-1
	1	198747-9 (EU)
Easy shake off dust bag	1	198748-7
	1	198749-5 (EU)

### Quick charger

(AC only)



Model No.	Charging time (min.) (approx.)	Part No.
CL104D, CL105D, CL111D	180	DC1001

### Other Cleaners

#### For DVC260

Dust bag assembly



Filter bag set (Paper dust bag)



Description	Per pkg.	Part No.
Dust bag assembly	1	197898-5
		197899-3(EU)
Filter bag set (Paper dust bag)	10	197902-0
		197903-8(EU)



**For DRC200**

Boundary line tape (15m roll)



Side brushes



Power brush



Turn brush cover



Filter



Description	Part No.
Boundary line tape (15m roll)	SH00000231(EU)
	SH00000240 (USA, AU)
Side brushes	SH00000065
Power brush	SH00000063
Turn brush cover	SH00000064
Filter	SH00000213

**For DVC350**

Dust bag



Part No.
122918-6

**Nozzle assembly**

A:Standard equipment



Model No.	Size(mm)	Type	Part No.
DVC350	220	A	132025-7
	430	-	134182-7

**For DCL501**



	Type	Part No.
Hose	-	SH00000034
Straight pipe	Adjustable length	SH00000060
Nozzle assembly	Flooring & carpet	SH00000058
Crevice nozzle	-	SH00000042

**Flexible hose set**

(Total length: 95cm)



Model No.	Part No.
DUB142, DUB182, UB1100, UB1101	191750-9
UB1102, UB1103	196643-5

**Bulb**

(2 pcs. / set)



\* For North America

Model No.	Voltage	Part No.
DML145	14.4V	*A-90233
		A-30542
DML185	18V	*A-90261
		*A-94502
DML184	14.4V,18V	B-07303

**Battery protector**



For Battery	Part No.
BL1430B, BL1440, BL1450, BL1460B, BL1830B, BL1840B, BL1850B	194649-7

**Battery protector**

Designed to protect the battery cartridge from dust and dripping water in outdoor applications or harsh environments.



Model No.	For Battery	Part No.
DTD134, DTD136, DTD137, DTS131, DDF448, DHP448	BL1415N, BL1430B, BL1440, BL1450, BL14160B	195797-5
DTD146, DTD147, DTD148, DTS141, DDF458, DHP458	BL1815N, BL1820, BL1830B, BL1840B, BL1850B, BL1860B	195798-3

**Tool catcher set**

Enables to hook the machine quickly on a snap hook of waist belt.



Model No.	Part No.
DDF444, DDF454, DHP444, DHP454, DTD129, DTD134, DTD136, DTD137, DTD145, DTD146, DTD147, DTD148, DTD153, DTD154, DTD170, DTP140, DTS130	197043-2

**Wide hook set**

for temporarily hanging the tool.



Model No.	Part No.
DCS551, DHR171, DSD180, HR140D, HR166D, SD100D	197224-8

**Tool catcher set (with shoulder belt)**



Model No.	Part No.
DTW152, DTW190, DTW250, DTW251, DTW253, DTW282, DTW283, DTD152, DTD129, DTD134, DTD135, DTD136, DTD137, DTD145, DTD146, DTD147, DTD148, DTS131, DTS141	197941-0 197942-8(EU)

**AC adapte**

For Model: DF001D



Part No.
ADP07

Part No.
BTC04

**Battery adapter & Battery converter**

BAP36N



BCV01



BCV03



BAP182



Adapter BL36120A-18Vx2



Type	For Model	Part No.
BAP36N	36V Model	195311-7
BCV01	36V Model	195511-9
BCV03	36V Model	195850-7
BAP182	18Vx2 Model	197581-4 197580-6 (EU)
BL36120A	18Vx2 Model	-

**Portable Battery Checker**

Except CXT battery, G(L) battery, BL3622A, BL36120A  
Checking time: within 5sec.



Part No.
BTC04

**Battery Timer Setting Adapter**

For Makita LXT battery



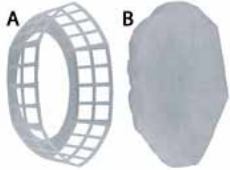
Part No.
BPS01

## Filter set

Attaching a filter to the intake fan unit prevents the dust invasion into jacket at work site with flying dust.

For model

DFJ206 / DFJ207 / DFJ304 / DFJ305 / DFJ405 / DFJ407



Description	Part No.
Filter set A: Frame 2pcs. Set, B: Filter (non-woven) 20pcs. set	198642-3
A: Frame	457924-5
B: Filter (non-woven) 20pcs. set	198644-9

## Hammer service kit

Model No.	Part No.
DHR165	195208-0
DHR166	198564-7
DHR202, DHR241	195193-7
DHR242, DHR280D, DHR282	195833-7
DHR243	195834-5
BHR262/T DHR263, DHR264, HR262D, HR262TD	195189-8

## Anti kick back head assembly

Model No.	Type	Part No.
BFH040/F, BFH090/F, BFH120F, BFT040F/R, BFT041F, BFT042F, BFT043F, BFT080F/R, BFT081F/R, BFT082F, BFT083F, BFT122F/R, BFT123F, BFT124F, BFT125F	MZ	195231-5
	NZ	195232-3
DFT022F, DFT041F, DFT044F, DFT082F, DFT084F, DFT124F, DFT126F	MZ	195219-5
	NZ	195220-0

## Anti kick back head set

Model No.	Part No.
BFL300F, BFL301F, BFL400F, BFL401F, BFL402F	195620-4
BFL060F, BFL080F, BFL081F, BFL120F, BFL121F, BFL200F, BFL201F	195621-2
DFL650F, DFL651F	197045-8
DFL083, DFL125, DFL204F	199065-8
DFL302, DFL403F	199066-6

## Torque adjust tool



Model No.	Part No.
BFT020F, BFT021F, BFT040, BFT043F, BFT080F, BFT083F, BFT122F, BFT123F, BFT125F, BFL080F, BFL081F, BFL120F, BFL121F, BFL200F, BFH040/F, BFH090/F, BFH120F, BFT041F/R, BFT082F/R, BFT124F, DFT124R, BFL201F, DFL201R, BFL301F, DFL301R, BFL402F, DFL402R, BFL300F, BFL400F, DFL650F, DFL651F, DFT023F, DFT045F, DFT085F, DFT127F, DFT043F, DFT083F, DFT125F, DFL062F, DFL124F, DFL203F, DFL083F, DFL125F, DFL204F, DFL302F, DFL403F	765027-4

## Hook

Model No.	Part No.
DFL650F, DFL651F	281012-4

## Ring 25

Model No.	Color	Part No.
DFT085F, DFT127F	Black	424977-9
	Yellow	424974-5
	Blue	424975-3
	Red	424976-1

## Lock nut M28

Model No.	Color	Part No.
DFT045F, DFT023F	Black	457530-6
	Yellow	457533-0
	Blue	457532-3
	Red	457531-4

## Protector



\* with Anti kick back head

Model No.	Color	Part No.
6908D,6914D	Clear	A-19629
6796FD,6797FD, 6798FD,BFT120/F, BFT121F	Yellow	417616-8
	Blue	417615-0
	Red	417605-3
BFT020F,BFT021F,BFT040F, BFT041F/R, BFT043F, BFT080F,BFT081F, BFT082F/R,BFT083F, BFT122F, BFT123F, BFT124F/R, BFT125F	Clear	450331-1
	Yellow	418423-2
	Blue	418424-0
	Red	418425-8
DFT045F, DFT023F	Clear	424984-2
	Yellow	424987-6
	Blue	424986-8
	Red	424985-0
DFT085F, DFT127F	Clear	424969-8
	Yellow	424966-4
	Blue	424967-2
	Red	424968-0
	Clear	*424973-7
	Yellow	*424970-3
DFL083, DFL125, DFL204F	Blue	*424971-1
	Red	*424972-9
	Clear	422282-8
	Yellow	422281-0
DFL302, DFL403F	Blue	422280-2
	Red	422279-7
	Clear	422287-8
	Yellow	422286-0
BTD040,BTD042,BTD060, BTD062,BTW070,BTW072	Blue	422285-2
	Red	422284-4
	Clear	417349-5
BFL080F,BFL081F,BFL120F, BFL121F,BFL200F, BFL201F, DFL201R	Blue	417835-6
	Red	417834-8
	Clear	418066-0
DFH040F, DFH090F, DFH120FR	Yellow	418032-7
	Blue	418064-4
	Red	418065-2
DFH040F, DFH090F, DFH120FR	Clear	450331-1
	Yellow	418423-2
	Blue	418424-0
	Red	418425-8

Model No.	Color	Part No.
For Clutch Case (A)		
BFL300F, BFL401F, BFL402F, DFL402R, BFL400F, BFL301F, DFL301R	Clear	418745-0
	Yellow	418691-7
	Blue	418743-4
	Red	418744-2
For Angle Head (B)		
BFL300F	Clear	418748-4
	Yellow	418692-5
	Blue	418746-8
	Red	418747-6
For Angle Head (C)		
BFL400F, BFL401F, BFL402F, DFL402R, BFL301F, DFL301R	Clear	418751-5
	Yellow	418693-3
	Blue	418749-2
	Red	418750-7
BTD120, BTW120, BTW121, 6916D, 6917D, 6917FD, 6918D, 6990D, 6991D, 6934FD	Clear	418834-1
BTD125, BTD143, BTW110, BTW130	White	451548-9
	Blue	451549-7
For Anti kick back head set (D)		
BFL060F, BFL080F, BFL081F, BFL120F, BFL121F, BFL200F, BFL201, BFL300F, BFL301F, BFL400F, BFL401F, BFL402F	Clear	453094-8
	Yellow	453093-0
	Blue	453091-4
	Red	453092-2
Protector (E)		
DFL650F, DFL651F	Clear	455848-9
	Yellow	455847-1
	Blue	455846-3
	Red	488845-5
	Black	455771-8
Protector (G)		
DFL650F, DFL651F	Clear	455852-8
	Yellow	455851-0
	Blue	455850-2
	Red	455849-7
	Black	455773-4
Protector (H)		
DFL650F, DFL651F	Clear	455894-2
	Yellow	455893-4
	Blue	455892-6
	Red	455891-8
	Black	455890-0
Battery protector for BL1430A		
BTD125, BTD143, BTW110, BTW130	Clear	450599-9
Battery protector for BL1415NA		
BTD125, BTD143, BTW110, BTW130	Clear	454407-6

## Torque tracer accessories



Receiver RCV02



CD-ROM



RS-232C cable



USB serial adapter set



For Model:  
BFT041R, BFT082R, BFT124R, BFL201R, BFL301R, BFL402R

Description	Part No.
Receiver RCV02	194444-5
Receiver RCV02 (with CD-ROM set)	A-47977
CD-ROM (software)	889919-4
CD-ROM (instruction manual)	889920-9
RS-232C cable	638386-8
USB serial adapter set	194089-9