

Hammer Driver Drill
Driver Drill



Impact Driver



Impact Wrench

Product Selection Guide



Cordless Hammer Driver Drill / Cordless Driver Drill



Brushless Motor

- Maintenance-free due to no brush
- More work amount on a single full battery charge
- Life time work amount of a battery is increased
- Durable against long continuous operation

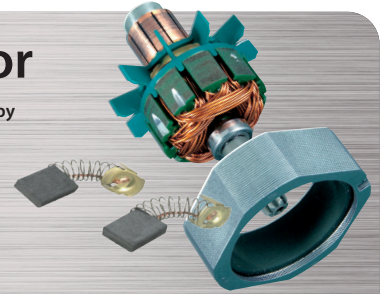


Brushed Motor

High power-to-weight ratio obtained by employing 4-pole motor

4-pole motor

2-pole motor



Max Fastening Torque
Soft Joint

Max Fastening Torque
Hard Joint

Max Fastening Torque
Soft Joint



	Hammer Driver Drill Driver Drill	DHP481 DDF481	DHP484 DDF484	DHP483 DDF483	DHP458 DDF458	DHP482 DDF482	DHP453 DDF453
Drilling Capacity Steel	13 mm (1/2")	13 mm (1/2")	13 mm (1/2")	13 mm (1/2")	13 mm (1/2")	13 mm (1/2")	13 mm (1/2")
Wood	76 mm (3")	38 mm (1-1/2")	36 mm (1-7/16")	76 mm (3")	38 mm (1-1/2")	36 mm (1-7/16")	36 mm (1-7/16")
Masonry (Hammer Driver Drill)	16 mm (5/8")	13 mm (1/2")	13 mm (1/2")	16 mm (5/8")	13 mm (1/2")	13 mm (1/2")	13 mm (1/2")
Impacts Per Minute (IPM)	High / Low:	High / Low:	High / Low:	High / Low:	High / Low:	High / Low:	High / Low:
(Hammer Driver Drill)	0 - 31,500 / 0 - 8,250	0 - 30,000 / 0 - 7,500	0 - 25,500 / 0 - 7,500	0 - 30,000 / 0 - 6,000	0 - 28,500 / 0 - 9,000	0 - 19,500 / 0 - 6,000	0 - 19,500 / 0 - 6,000
No Load Speed (RPM)	High / Low:	High / Low:	High / Low:	High / Low:	High / Low:	High / Low:	High / Low:
	0 - 2,100 / 0 - 550	0 - 2,000 / 0 - 500	0 - 1,700 / 0 - 500	0 - 2,000 / 0 - 400	0 - 1,900 / 0 - 600	0 - 1,300 / 0 - 400	0 - 1,300 / 0 - 400
Max lock torque	125 N-m (1,090 in-lbs)	60 N-m (530 in-lbs)	40 N-m (350 in-lbs)	84 N-m (750 in-lbs)	54 N-m (480 in-lbs)	38 N-m (340 in-lbs)	38 N-m (340 in-lbs)
Overall length	205mm (8-1/8")	DHP484: 182mm (7-1/8") DDF484: 172mm (6-3/4")	DHP483: 176mm (6-15/16") DDF483: 162mm (6-3/8")	225mm (8-7/8")	DHP482: 198mm (7-3/4") DDF482: 185mm (7-1/4")	DHP453: 240mm (9-7/16") DDF453: 222mm (8-3/4")	DHP453: 240mm (9-7/16") DDF453: 222mm (8-3/4")
Net weight	DHP481: 2.4 kg (5.4 lbs) DDF481: 2.4 kg (5.2 lbs)	DHP484: 1.6 kg (3.5 lbs) DDF484: 1.6 kg (3.5 lbs)	DHP483: 1.3 kg (2.9 lbs) DDF483: 1.3 kg (2.8 lbs)	DHP458: 2.0kg (4.5lbs) DDF458: 2.0kg (4.4lbs)	DHP482: 1.5kg (3.4lbs) DDF482: 1.5kg (3.3lbs)	DHP453: 1.7kg (3.7lbs) DDF453: 1.6kg (3.5lbs)	DHP453: 1.7kg (3.7lbs) DDF453: 1.6kg (3.5lbs)

Extreme Protection Technology

For use in outdoor applications or harsh environments, protection from dust and dripping water is enhanced compared with existing model.

Cordless Impact Driver



Brushless Motor

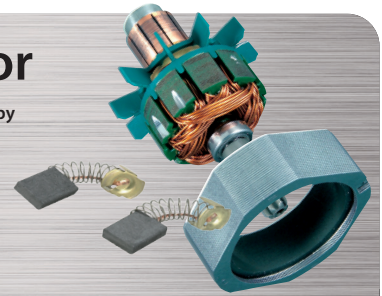
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Brushed Motor

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4-pole motor



Max Fastening Torque

DTD170



175 N·m

DTD154



170 N·m

DTD153



Ideal for applications such as tightening of self-drilling screws



165

165 N·m

DTD149



DTD152

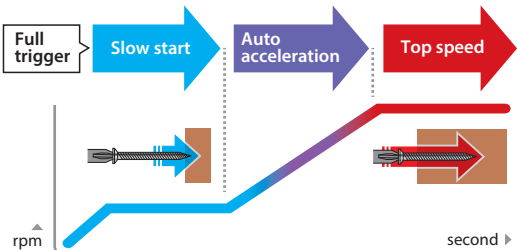


Ideal for applications such as tightening of self-drilling screws



A mode [assist mode]

helps to eliminate "screw cam-out" and "cross threading" by driving at low speed until the start of tightening.



Cordless Oil-Pulse Driver

DTS141



40 N·m



Suitable for noise sensitive job site



Cordless 4 Mode Impact Driver

DTP141

150 N·m



4 Operation modes
Impact driver / Hammer drill / Drill / Screwdriver



	DTD170	DTD154	DTD153
Impacts Per Minute (IPM)	0-3,800/3,600/2,600/1,100	0-3,800/2,600/1,100	0-3,600
No Load Speed (RPM)	0-3,600/3,200/2,100/1,100	0-3,600/2,100/1,100	0-3,400
Overall length	117mm (4-5/8")	117mm (4-5/8")	126mm (5")
Net weight	1.2kg (2.7lbs)	1.2 kg (2.8 lbs)	1.3 kg (2.8 lbs)

	DTS141	DTP141
Impacts Per Minute (IPM)	0-2,700/0-2,200/0-1,400	0-3,200/0-2,400/0-1,200
No Load Speed (RPM)	0-3,200/0-2,000/0-1,200	0-2,700/0-2,200/0-1,300
Overall length	136mm (5-3/8")	171mm (6-3/4")
Net weight	1.2kg (2.7lbs)	1.6kg (3.5lbs)

	DTD149	DTD152
Impacts Per Minute (IPM)	0-3,200	0-3,500
No Load Speed (RPM)	0-2,500	0-2,900
Overall length	135mm	137mm (5-3/8")
Net weight	1.5 kg	1.3 kg (2.8 lbs)

Teks mode

"Teks" mode is a special mode optimum for fast tightening of self drilling screws without damaging the screw and the workpiece.

Cordless Impact Wrench



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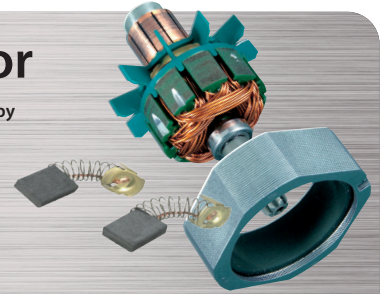


Brushed Motor

High power-to-weight ratio obtained by employing 4-pole motor

4-pole motor

2-pole motor



Max Fastening Torque

DTW1001



Square drive size
3/4" (19mm)

Standard M12 - 30

High strength M10 - 24



1,050
N·m

1050

1,000
N·m

1000

DTW1002



Square drive size
1/2" (12.7mm)

Standard M12 - 30

High strength M10 - 24



280
N·m

300

200

100

DTW281



Square drive size
1/2" (12.7mm)

Standard M10 - 20

High strength M10 - 16



440
N·m

400

230
N·m

210
N·m

190
N·m

DTW450

4-pole motor

Square drive size
1/2" (12.7mm)

Standard M12 - 22

High strength M12 - 16



DTW251

4-pole motor

Square drive size
1/2" (12.7mm)

Standard M10 - 16

High strength M10 - 14



DTW253

4-pole motor

Square drive size
3/8" (9.5mm)

Standard M8 - 16

High strength M6 - 12



DTW190

2-pole motor

Square drive size
1/2" (12.7mm)

Standard M8 - 16

High strength M8 - 12



Tool does not come with socket.

	DTW1001	DTW1002	DTW281	DTW450	DTW251	DTW253	DTW190
Driving shank (Hex)	19mm (3/4")	12.7mm (1/2")	12.7mm (1/2")	12.7mm (1/2")	12.7mm (1/2")	9.5mm (3/8")	12.7mm (1/2")
Impacts Per Minute (IPM)	0-2,200 / 0-2,000 / 0-1,800	0-2,200 / 0-2,000 / 0-1,800	0-3,500 / 0-2,600 / 0-1,800	2,200	0-3,200	0-3,200	0-3,000
No Load Speed (RPM)	0-1,800 / 0-1,000 / 0-900	0-1,800 / 0-1,000 / 0-900	0-2,800 / 0-2,100 / 1,600	1,600	0-2,100	0-2,100	0-2,300
Overall length	229mm (9")	229mm (9")	147mm (5-3/4")	266mm (10-1/2")	165mm (6-1/2")	155mm (6-1/8")	176mm (6-15/16")
Net weight	3.4kg (7.6lbs)	3.3kg (7.3lbs)	1.5kg (3.2lbs)	3.4kg (7.5lbs)	1.5kg (3.3lbs)	1.3kg (2.9lbs)	1.4kg (3.2 lbs)

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

Weight data in this catalogue is the value measured by us according to EPTA Procedure.

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