

# SPECIFICATIONS



	12V	14.4V	18V
<b>6319D</b>	<b>6339D</b>	<b>6349D</b>	
Capacities	Steel: 13 mm (1/2") Wood: 45 mm (1-3/4")	Steel: 13 mm (1/2") Wood: 50 mm (2")	Steel: 13 mm (1/2") Wood: 65 mm (2-9/16")
No load speed	3rd: 0-1,600 min <sup>-1</sup> (rpm) 2nd: 0-550 min <sup>-1</sup> (rpm) 1st: 0-300 min <sup>-1</sup> (rpm)	3rd: 0-1,700 min <sup>-1</sup> (rpm) 2nd: 0-600 min <sup>-1</sup> (rpm) 1st: 0-300 min <sup>-1</sup> (rpm)	3rd: 0-1,700 min <sup>-1</sup> (rpm) 2nd: 0-600 min <sup>-1</sup> (rpm) 1st: 0-300 min <sup>-1</sup> (rpm)
Max.fastening torque	hard / soft : 65 / 31 N.m	hard / soft : 70 / 32 N.m	hard / soft : 80 / 40 N.m
Dimensions (L x W x H)	246 mm x 94 mm x 243 mm (9-11/16" x 3-11/16" x 9-9/16")	246 mm x 94 mm x 247 mm (9-11/16" x 3-11/16" x 9-3/4")	246 mm x 95 mm x 252 mm (9-11/16" x 3-3/4" x 9-7/8")
Net weight	2.2 kg (4.9 lbs)	2.3 kg (5.1 lbs)	2.6 kg (5.7 lbs)
<b>8414D</b>	<b>8434D</b>	<b>8444D</b>	
Capacities	Steel: 13 mm (1/2") Wood: 45 mm (1-3/4") Masonry: 13 mm (1/2")	Steel: 13 mm (1/2") Wood: 50 mm (2") Masonry: 14 mm (9/16")	Steel: 13 mm (1/2") Wood: 65 mm (2-9/16") Masonry: 16 mm (5/8")
No load speed	3rd: 0-1,600 min <sup>-1</sup> (rpm) 2nd: 0-550 min <sup>-1</sup> (rpm) 1st: 0-300 min <sup>-1</sup> (rpm)	3rd: 0-1,700 min <sup>-1</sup> (rpm) 2nd: 0-600 min <sup>-1</sup> (rpm) 1st: 0-300 min <sup>-1</sup> (rpm)	3rd: 0-1,700 min <sup>-1</sup> (rpm) 2nd: 0-600 min <sup>-1</sup> (rpm) 1st: 0-300 min <sup>-1</sup> (rpm)
Blows per minute	3rd: 0-24,000 min <sup>-1</sup> 2nd: 0-8,250 min <sup>-1</sup> 1st: 0-4,500 min <sup>-1</sup>	3rd: 0-25,500 min <sup>-1</sup> 2nd: 0-9,000 min <sup>-1</sup> 1st: 0-4,500 min <sup>-1</sup>	3rd: 0-25,500 min <sup>-1</sup> 2nd: 0-9,000 min <sup>-1</sup> 1st: 0-4,500 min <sup>-1</sup>
Max.fastening torque	hard / soft : 65 / 31 N.m	hard / soft : 70 / 32 N.m	hard / soft : 80 / 40 N.m
Dimensions (L x W x H)	259 mm x 94 mm x 243 mm (10-1/4" x 3-11/16" x 9-9/16")	259 mm x 94 mm x 247 mm (10-1/4" x 3-11/16" x 9-3/4")	259 mm x 95 mm x 252 mm (10-1/4" x 3-3/4" x 9-7/8")
Net weight	2.4 kg (5.3 lbs)	2.5 kg (5.5 lbs)	2.7 kg (6.0 lbs)

Specifications may differ from country to country.

# STANDARD EQUIPMENT

Model 6319D, 6339D, 6349D	Model 8414D, 8434D, 8444D
(+) (-) Bits 2, Grip assembly, Charger, Battery	(+) (-) Bits 2, Grip assembly, Stopper pole, Charger, Battery

Items of standard equipment may differ from country to country.

# OPTIONAL ACCESSORIES

	12V	14.4V	18V	DC1414	DC1439	DC1422 (Automotive)	DC1822 (Automotive)	DC1804
	For 6319D, 8414D	For 6339D, 8434D	For 6349D, 8444D	7.2V 9.6V 12V 14.4V	9.6V 12V 14.4V	7.2V 9.6V 12V 14.4V	7.2V 18V 9.6V 12V 14.4V	7.2V 18V 9.6V 12V 14.4V
Ni-cd. battery 2.0 Ah	1222 (192597-4)	1422 (192600-1)	1822 (192827-3)	45 min	14 min	70 min	45 min	45 min
Ni-MH. battery 2.6 Ah	1234 (193100-4)	1434 (193101-2)	1834 (193102-0)	60 min	23 min	85 min	60 min	60 min
Ni-MH. battery 3.0 Ah	1235 (193059-5)	1435 (193060-0)	1835 (193061-8)	70 min	27 min	100 min	70 min	70 min
	1235A (193221-2)			70 min	27 min	100 min	70 min	70 min
	1235F (193624-0)	1435F (193781-4)	1835F (193783-0)	70 min	27 min	100 min	70 min	70 min

( ) Part No. • Power Display Type



## Cordless Driver Drills

12V 6319D 14.4V 6339D 18V 6349D

## Cordless Percussion Driver Drills

12V 8414D 14.4V 8434D 18V 8444D



Can be used with 3" Self feed bit

High torque model that defeats usual AC motor drill

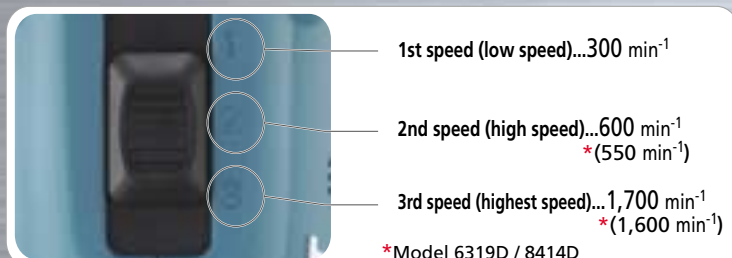
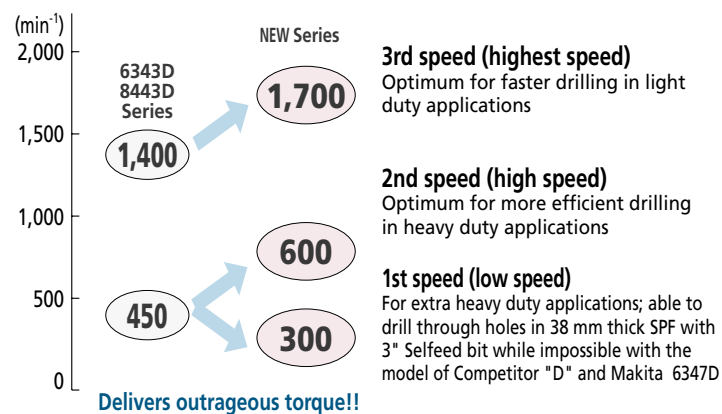
"MXT" Metal eXtreme Technology

Photo: Model 6349D

Photo: Model 8444D

## Mechanical 3-Speed

• For more efficiency and a wider range of applications



## All Metal Gear Construction

For extra-high transmission durability

## Powerful Motor Increases Operation Efficiency



Although using the same ND31 motor as 6347D series models, higher power has been achieved by employment of rare earth magnet.



## Easy Operation Mode Change

Great versatility from merely one slide action.

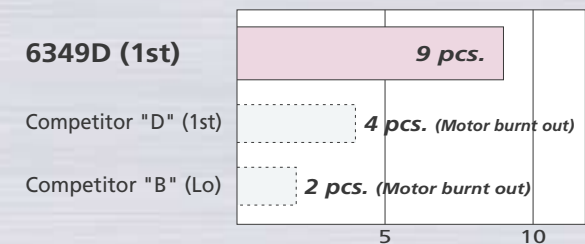
## Performance Data (18 V)

Suitable for extra heavy duty applications with Makita #6349D/8444D

### Drilling 38mm thick SPF with 3" Self feed bit



### Fastening 10 x 400 mm Coarse thread



Work volume (on a single full battery charge)

\*Work speed and work volume depend to a great extent on the hardness of the material, etc.  
\*The 3rd speed is designed for high work speed with a rotational speed higher than the current models. In some applications, therefore, the amperage may rise to make the work volume a little bit less than the current models.

	Work speed		Work volume	
<b>Drilling</b> Spade bit 22 mm (7/8") Work piece 38 mm SPF timber	6349D (3rd)	3.0 sec. 120	68 holes.	90
	6347D (Hi)	100	100	
<b>Fastening</b> lag bolts 10 mm (3/8") Work piece 38 mm SPF timber	6349D (2nd)	4.1 sec. 115	90	
	6349D (1st)	85	96 pcs.	105
	6347D (Lo)	100	100	
<b>Drilling</b> TCT drill bit 8 mm (5/16") Work piece Brick	8444D (3rd)	5.3 sec. 145	114 holes.	120
	8443D (Hi)	100	100	

Numbers in the charts above are relative values when setting Model 6347D / 8443D capacity as 100.