

T ECHNICAL INFORMATION



PRODUCT

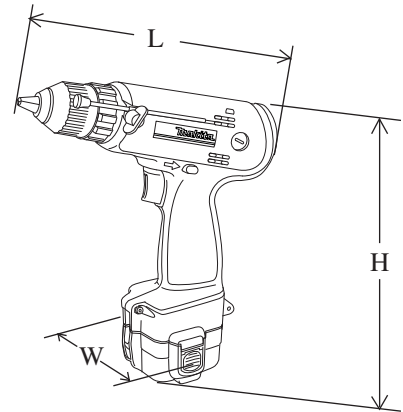
P 1 / 3

Models No. ▶ 6503D

Description ▶ Cordless High-Speed Drill

CONCEPTION AND MAIN APPLICATIONS

Very compact and lightweight,
9.6V cordless high-speed drill,
ideal for use of drilling rivet holes into steel lamination.
The variations of this model are as follows.



Model	Battery		Charger	Plastic case
6503DWA	9122	Ni-cd	DC1411	Yes
6503DWAE	9122 /2pcs.	Ni-cd	DC1411	Yes
6503DWD	9134	Ni-MH	DC1411	Yes
6503DWDE	9134 /2pcs.	Ni-MH	DC1411	Yes
6503DWF	9135	Ni-MH	DC1411	Yes
6503DWFE	9135 /2pcs.	Ni-MH	DC1411	Yes

Ni-cd ; Nickel Cadmium battery
Ni-MH; Nickel-Metal Hydride battery

Dimensions : mm (")	
Width (W)	77 (3)
Height (H)	232 (8-7/8)
Length (L)	180 (7-1/8)

► Specification

No Load Speed (min-1=rpm)		0 -2,200
Max. torque : Nm (Kgf.cm) [in. lbs]		3.3 (34) [29]
Chuck ability		0.8 -6.5mm(1/32"-1/4")
Drilling capacity : mm (")	in Steel	6.5mm(1/4")
	in Wood	12mm(15/32")
Net weight (Kg)		1.3 (2.9 lbs)

► Standard equipment

* Depth gauge assembly 1 set



* Battery cover 1 pc. (6503DWA, 6503DWD, 6503DWF)

* Battery cover 2 pcs.(6503DWAE, 6503DWDE, 6503DWFE)

< Note > The standard equipment for the tool shown may differ from country to country.

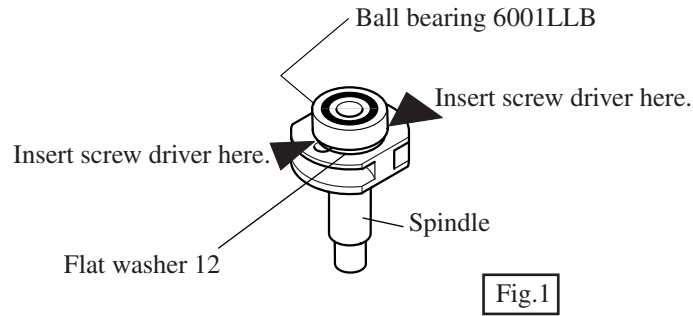
► Optional accessories

Set plate for battery 9100, 9102, 9102A	Charger DC9710
Battery 9100	Charger DC1201
Battery 9102	Charger DC1470
Battery 9102A	Charger DC1411
Battery 9120	Charger DC1801
Battery 9122	Charger DC9711
Battery 9133	Fast charger DC1439
Battery 9134	Automotive charger DC1422
Battery 9135	

▶ Repair

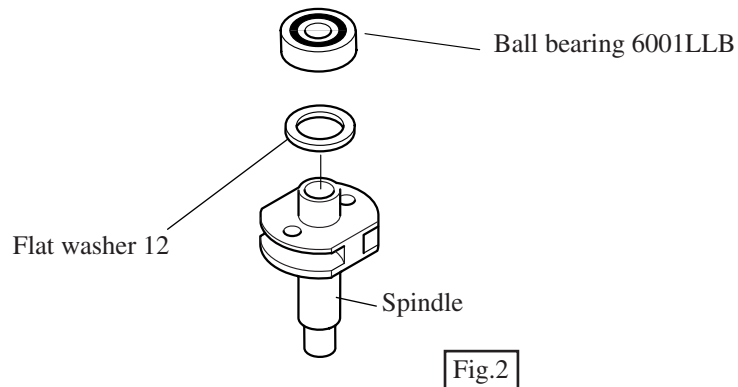
< 1 > Removing ball bearing 6001LLB

Ball bearing 6001LLB can be removed with 2 flat screwdrivers inserted into the gap between flat washer 12 and ball bearing 6001LLB.



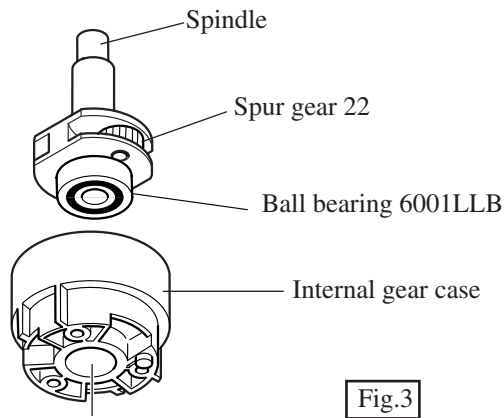
< 2 > Assembling ball bearing 6001LLB

Do not forget to assemble flat washer 12 between spindle and ball bearing 6001LLB.



< 3 > Assembling spindle

Check, whether spindle with spur gear 22 can rotate in internal gear case, after assembling.



▶ Circuit diagram

