

T ECHNICAL INFORMATION



New Tool

Models No. ▶ 6833, 6834

Description ▶ Auto Feed Screwdriver

CONCEPTION AND MAIN APPLICATIONS

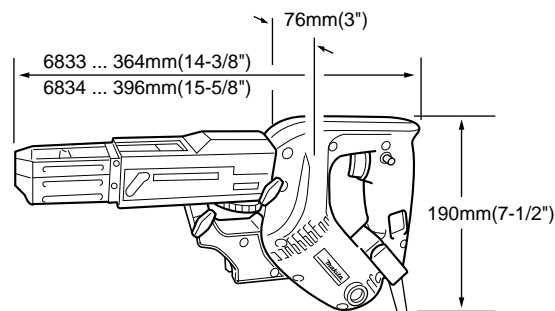
These new auto feed screwdrivers are developed as improved models of the current models 6830 and 6832.

Their main new features are; -

1. Improved design of case enabling to drive screws at the edge only 15mm away from the wall board.
2. Tool-less System for depth adjustment of screws and taking off the casing.
3. Reverseing system of drywall screw strip.
4. More excellent tool balance for easier operation.

Model 6833 can accept 25 to 41mm screws.

Model 6834 for 25 to 57mm screws.



► Specifications

| Voltage(V) | Current(A) | Cycle(Hz) | Continuous Rating(W) | | Max.Output(W) |
|------------|------------|-----------|----------------------|--------|---------------|
| | | | Input | Output | |
| 100 | 5.0 | 50/60 | 470 | 220 | 400 |
| 120 | 4.3 | 50/60 | 470 | 220 | 400 |
| 200 | 2.5 | 50/60 | 470 | 220 | 400 |
| 220 | 2.3 | 50/60 | 470 | 220 | 400 |
| 230 | 2.2 | 50/60 | 470 | 220 | 400 |
| 240 | 2.1 | 50/60 | 470 | 220 | 400 |

| Model No. | 6833 | 6834 |
|------------------------|-------------------------------------|-------------------------------------|
| No Load Speed (rpm) | 4700 | 2800 |
| Capacities screw strip | ø4 x 25~41mm (5/32" x 1"~1-5/8") | ø4 x 25~57mm (5/32" x 1"~2-1/4") |
| Net Weigh (kg) | 1.9(4.21bs) | 1.9(4.21bs) |

► Standard equipment

Phillips bit 2-132(2 pcs.) for 6833

Phillips Bit 2-146(2 pcs.) for 6834

Plastic Carrying Case

► Optional accessories

Phillips Bit 2-132(5 pcs.) for 6833

Phillips Bit 2-146(2 pcs.) for 6834

Extensions Handle set

► Features and benefits

1. Double insulated
2. See the attached sheets for more information.

The Standard equipment for the tools shown may differ from country to country.

More excellent tool balance

by reducing the weight of tool-head
assures less fatigue for long time operation.

25 ~ 41 mm (1 ~ 1-5/8") : 6833
25 ~ 57 mm (1 ~ 2-1/4") : 6834

Only sliding a stopper-base
adjusts the depth of screws.

Rubber-cap at the top of stopper-base
assures a steady contact to wall surface.

A Guide line is drawn for
screwdriving position

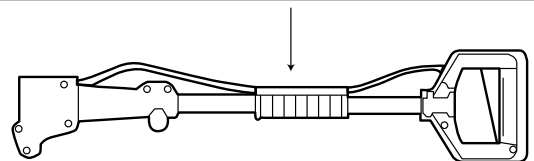
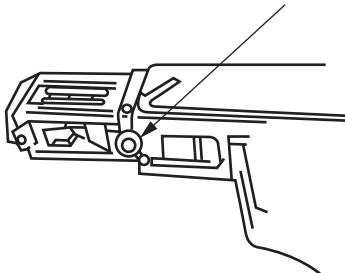
Tool-less system for taking off casing

Increased in efficiency of dust-proof

Flat-design casing prevents damage to wall-surface.

With a reverse-button pressed, a drywall
screw-strip can be reversed

Extension handle (optional) can be used with these new tools.



Comparison chart

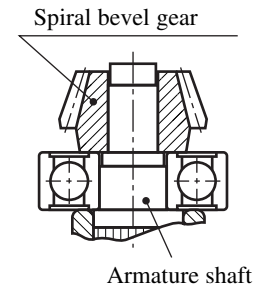
| Model No. | Makita | | Competitor A |
|-----------------------------|---|---|--|
| | 6833 | 6830 | Model A |
| Input(W) | 470 | 470 | 430 |
| No Load Speed(rpm) | 4700 | 0~4700 | 4000 |
| Capacities screw | 25~41mm (1"~1-5/8") | 25~41mm (1"~1-5/8") | 20~41mm (13/16"~1-5/8") |
| Depth adjustment of screw | Tool-less stopper-base adjustment | Stopper-base adjustment with hex. wrench | Replacement of top adjustment |
| Variable Speed | No | Yes | No |
| Reversing Switch | Yes | Yes | No |
| Silent Clutch | Yes | Yes | Yes |
| How to attach carrying hook | Tool-less | Tool-less | With a wrench |
| Dimension(mm)L x H x W | 364 x 191 x 76 (14-3/8" x 7-1/2" x 3") | 343 x 191 x 76 (13-1/2" x 7-1/2" x 3") | 360 x 135 x 79 (14-1/8" x 5-5/16" x 3-1/8") |
| Net Weight | 1.9 kg (4.2 lbs) | 1.9 kg (4.2 lbs) | 1.8 kg (4.0 lbs) |
| Cord Length(m) | 2.5(8.2 ft) | 2.5(8.2 ft) | 2.5(8.2 ft) |

| Model No. | Makita | | Competitor A |
|-----------------------------|---|---|---|
| | 6834 | 6832 | Model B |
| Input(W) | 470 | 470 | 28~51mm |
| No Load Speed(rpm) | 2800 | 0~2800 | (1-1/8"~2") |
| Capacities screw | 25~57mm (1"~2-1/4") | 25~57mm (1"~2-1/4") | Replacement of top adjustment |
| Depth adjustment of screw | Tool-less stopper-base adjustment | Stopper-base adjustment with hex. wrench | No No |
| Variable Speed | No | Yes | Yes |
| Reversing Switch | Yes | Yes | With a wrench |
| Silent Clutch | Yes | Yes | |
| How to attach carrying hook | Tool-less | Tool-less | 407 x 135 x 79 (16-1/32" x 5-5/16" x 3-1/2") |
| Dimension(mm) L x H x W | 396 x 191 x 76 (15-5/8" x 7-1/2" x 3") | 372 x 191 x 76 (14-5/8" x 7-1/2" x 3") | 2.2 kg (4.9 lbs) |
| Net Weight | 1.9 kg (4.2 lbs) | 2.0 kg (4.4 lbs) | 2.5(8.2 ft) |
| Cord Length(m) | 2.5(8.2 ft) | 2.5(8.2 ft) | |

► Repair

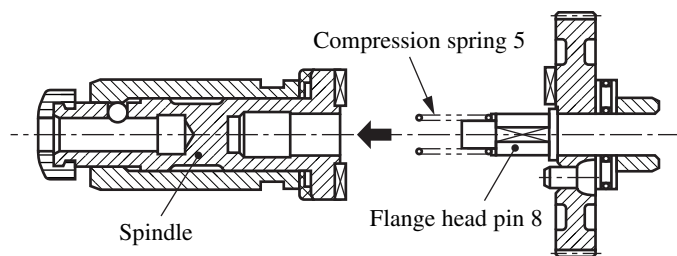
1. [Assembly/Disassembly of Spiral bevel gear]

In Spiral bevel gear, Armature shaft is inserted by pressure. First, knock-down and assemble it by Arbor press. When inserting Shaft, put it by pressure so that the end face of Spiral gear 15 stick to the counter edge of Armature shaft. (see right figure)



2. [Attachment of Clutch part]

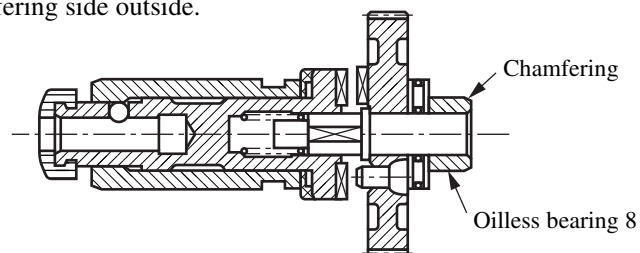
- (1) As the illustrations below, attach Compression spring 5 to Flange head pin 8 and install it into Spindle. Once insert it deeply, and check if Compression spring 5 has been put into the spindle side.



- (2) After assembly in the condition of the right illustration, put it into housing.

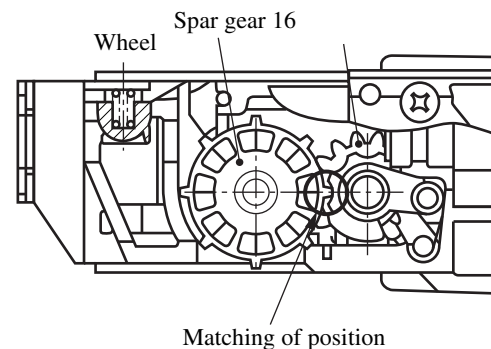
(Note)

In attaching, be sure to make the chamfering side outside.

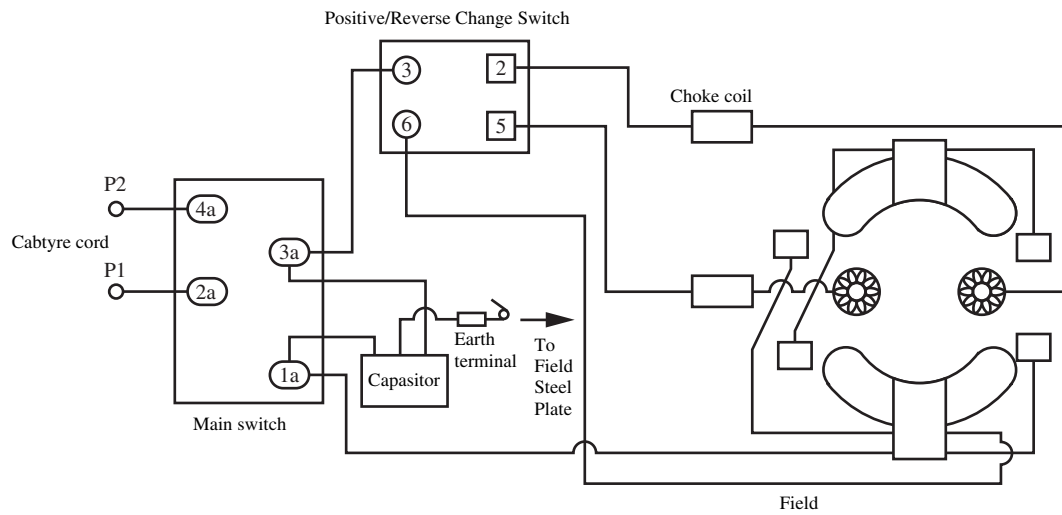


3. [Notes in assembly of screw feeding mechanism]

- (1) On rotation part or rubbing face of this part, if you apply grease, lubrication oil, or anti-rust oil, dusts or particles will attach there, which may cause the operation disorder. So, please do not apply any kind of oil.
- (2) As for attachment of Wheel and Spar gear 16, match Wheel nail with Arc part of Spar gear 16 and install it. After installation, check if it rotates by pressing with a finger the center of Wheel.



► Wiring diagram



[Note] * There are some areas where Condenser is not used or where 2-foot condenser(without earth line) is used.
 * In some area Choke coil is not used.