



# RB32 MINIBRUTE VSR

## OPERATING INSTRUCTIONS

### RB32-VSR FEATURES AND BENEFITS

1. Champion's RB32-VSR MiniBrute with variable speed & reverse motor is engineered for drilling holes and tapping threads.
2. The RB32-VSR features a 0-550 variable speed motor, which can be operated in both forward and reverse.
3. An optional tapping head unit is available for use with hand taps and spiral point taps. With Champion's 'quick change' tapping head, a variety of tap sizes #0 thru 7/8" and 3/8" NPT pipe taps can be run utilizing the RB32-VSR.

### TO ASSEMBLE / CHANGE THE RB32-TAPPER

1. The arbor and arbor support bracket must be removed to assemble the tapper.
2. Align the threaded hole in the tapper with the 1/2-20 thread spindle.
3. Turn clockwise to tighten.
4. To remove the tapper, use the 17mm wrench provided to hold the spindle nut in place. Use the 7/16" wrench to hold the flats while turning counter clockwise to loosen.

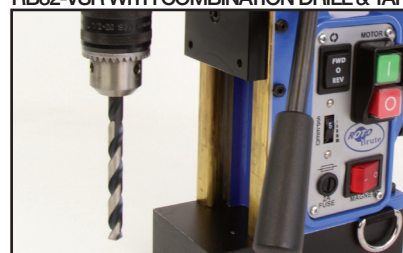
### USING THE RB32-TAPPER

1. Align the tapper collet with the hole on the bottom of the tapper.
2. Push up on one side of tapper, push in collet and let down sides of tapper to lock collet into place.
3. Align tap with hole in center of the collet. Once aligned, push collet ring in, push tap into collet and release center collet ring to lock tap into place.
4. Taps can be run at full speed after developing a comfortable technique. Switch to neutral prior to reversing taps. This will help prolong the life of the motor.
5. To remove, reverse steps.

## RB32-VSR PANEL



## RB32-VSR VERSATILITY



## RB32-VSR ADAPTOR OPTIONS

RB334 Arbor



RB3212 Drill Chuck



RB335 Arbor



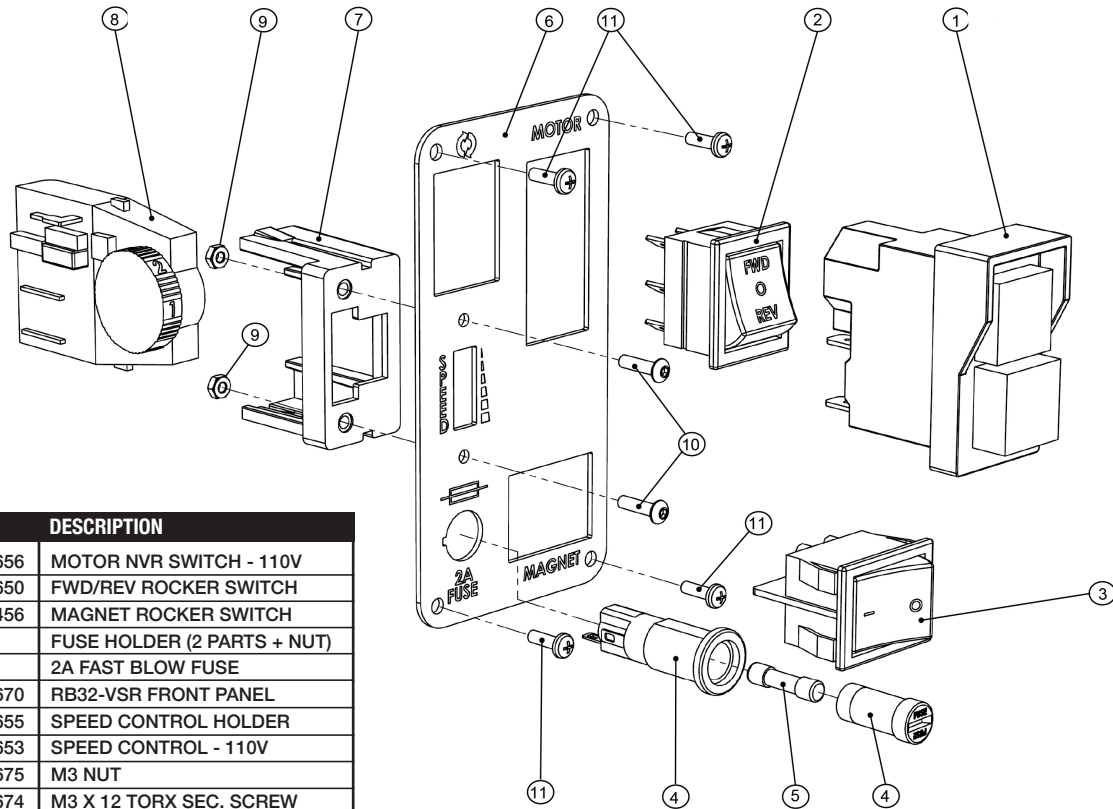
RB32 Tapper





# RB32 MINIBRUTE VSR

## PARTS DIAGRAM



ITEM	PART NO.	DESCRIPTION
1	RB32-VSR-656	MOTOR NVR SWITCH - 110V
2	RB32-VSR-650	FWD/REV ROCKER SWITCH
3	RB32-VSR-456	MAGNET ROCKER SWITCH
4	RB511	FUSE HOLDER (2 PARTS + NUT)
5	RB512	2A FAST BLOW FUSE
6	RB32-VSR-670	RB32-VSR FRONT PANEL
7	RB32-VSR-655	SPEED CONTROL HOLDER
8	RB32-VSR-653	SPEED CONTROL - 110V
9	RB32-VSR-675	M3 NUT
10	RB32-VSR-674	M3 X 12 TORX SEC. SCREW
11	RB32-VSR-252	M3 X 12 POZI PAN SCREW

## ELECTRICAL DIAGRAM

