

B STEEL ANCHOR (AT-8899)
DRILL DRIVER
DESCRIPTION AND USE

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1. GENERAL

1.01 This section describes the B steel anchor and the drill driver. The B steel anchors are specially threaded steel screws for use in mounting backboards and other such items to concrete, concrete block, brick, or other masonry surfaces. The drill driver may be powered by a 3/8-inch cordless drill, electric drill, or hammer drill which are not a part of the drill driver.

1.02 This section is reissued to add additional B Steel anchor sizes and to delete outdated information.

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2. DESCRIPTION AND USE

B STEEL ANCHOR

2.01 The B steel anchor (Fig. 1) is designed to cut threads in a predrilled hole in masonry. The drill driver is used to drill the appropriate size hole and to install the B steel anchor. It is available in two sizes, 1/4 inch and #8.

2.02 The B steel anchor is made of a coated, hardened steel and has a slotted hex washer head. It can be used to mount backboards, clamps, brackets, equipment, etc., on masonry surfaces. The B steel anchors are reusable and can be removed and reinserted using the appropriate drill driver.

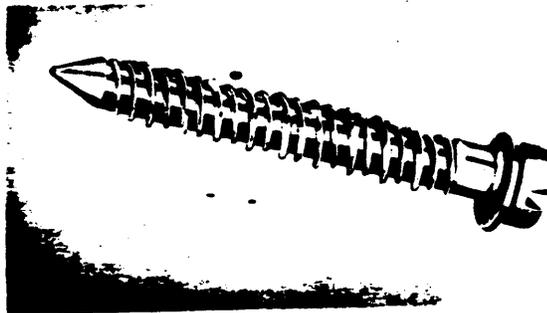


Fig. 1 -- B Steel Anchor

2.03 The B steel anchors are available in boxes of 100 anchors. Each box contains one masonry drill bit of the appropriate size. Replacement Bits are also available. The available anchor sizes are shown in Table A.

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DRILL DRIVER

Danger: Special eye protection, such as B plastic goggles, shall be worn while using the drill driver.

TABLE A

B STEEL ANCHOR SIZES

DIAMETER	LENGTH (INCHES)
1/4	1
	1 1/4
	1 1/2
	2
	2 1/4
	2 1/2
	3
	#8
3/4	
1	
1 1/4	
1 1/2	

2.04 The drill driver includes the parts shown in Fig. 2. Detailed instructions for use of the drill driver are included in the kit.

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- 2.05 The drill driver is used for drilling holes and driving the B steel anchors. Drilling and driving can be accomplished without removing the drill driver from the drill chuck.

Figure 2



1. Extend and lock bit in desired depth notch.
2. Drill hole sufficient depth. If material being fastened is light gauge metal or wood, you may drill through and directly into concrete.
3. Retract bit, insert hex head screw into head of tool and set screw.
4. A 3/8" drill operated at 400-800 RPM is recommended for use with the driver drill. Hammer drills may also be used for drilling pilot holes, however, drill driver should be reinstalled in a regular drill for setting the anchor.

NOTE: Drill driver is available in two sizes, 1/4 inch and #8.

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