

## Ellison® Die Storage Wall Rack Mounting Instructions

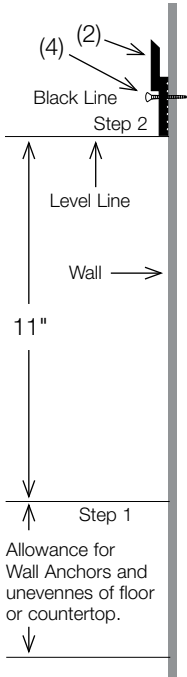


Figure A

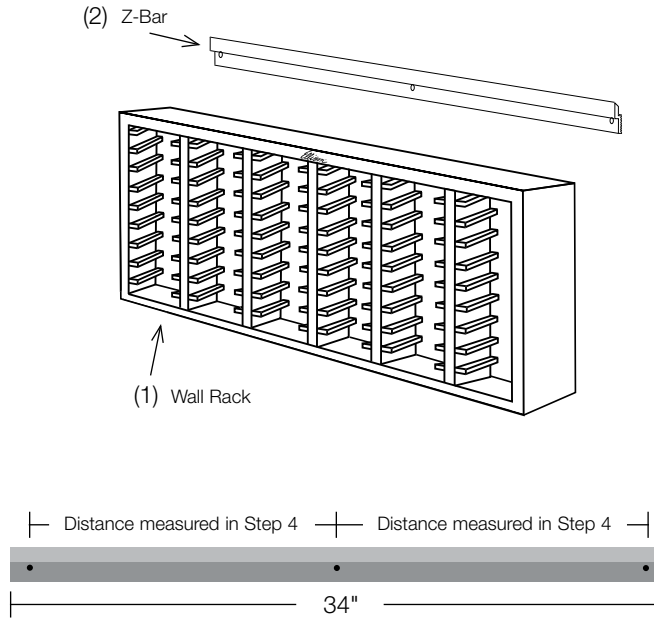


Figure B

### Parts included:

Item:	Qty:
(1) 60-Slot Die Storage Wall Rack (36" x 15" x 5")	1
(2) Z-Bar	1
(3) Z-Clip (3 pre-installed)	5
(4) 2" Wood Screw	6
(5) 1" Wood Screw	4
(6) Wall Anchor	2

### Tools Required (not included):

Electric Drill & Bits  $\frac{3}{16}$ " &  $\frac{1}{8}$ "  
 Level  
 Measuring Tape  
 Pencil  
 Screwdriver  
 Stud Locating Device

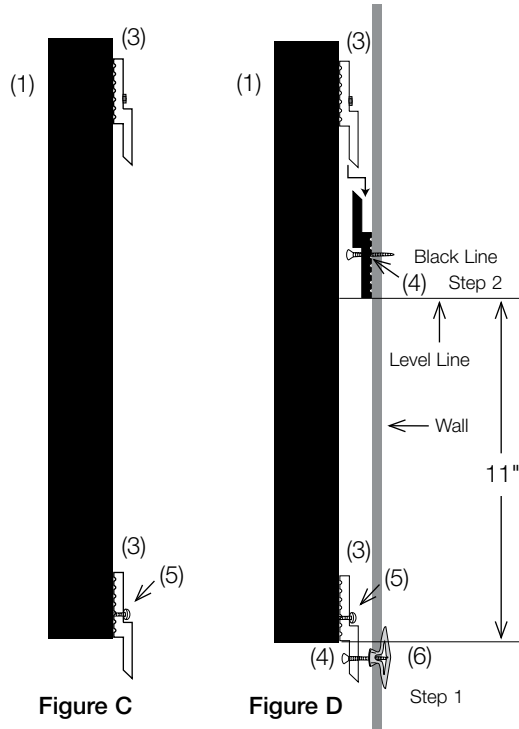
Note: Carefully Read All Instructions Before Starting

- Determine location of Wall Rack, on the wall, allowing space for bottom Wall Anchors and unevenness of floor or counter top when mounting. Make a light pencil mark at the bottom of the Wall Rack (Figure A, Step 1). Consideration should be made for possible interference with electrical outlets, door swings, windows, protrusions from and imperfections in the flatness of the wall.  
**Note: If mounting more than one Wall Rack, start measuring for the bottom rack first.**
- From the mark made in Step 1, measure up 11" and draw a level line 36" long. (Figure A, Step 2).
- Along this line, using a stud locating device, find and mark three stud locations on the wall. If the wall has studs positioned every 24" instead of every 16", the third hole location will have to be made to receive a Wall Anchor (not provided). The importance of having three points of attachment needs to be stressed as the rack may be holding up to 80 lbs of dies!
- Measure the distances between the stud locations on the wall and transfer these dimensions to the 34" Z-Bar (Figure B). The Z-Bar has a black line pre-drawn on the back side. Make sure the stud locations transferred to the Z-Bar intersect this black line. Keep in mind that since the black line is on the back side of the Z-Bar, the stud locations being transferred to it must be reversed.
- Drill three holes,  $\frac{3}{16}$ " in diameter, in the Z-Bar from markings made in Step 4 (Figure B).

Continued



## Ellison® Die Storage Wall Rack



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6. Place grooved bottom edge of Z-Bar on wall level line (Figure A). Secure one end of the Z-Bar (Item 2) to the wall using 2" Wood Screws provided (Item 4). (Do not completely tighten this Screw, but leave a little play to allow for leveling). Level the Z-Bar and drive a second 2" Wood Screw (Item 4) onto the other end of the Z-Bar. Finish tightening the first 2" Wood Screw and drive the third Screw into the middle stud or wall anchor (Figure B).
7. Insert the 1" Wood Screws (Item 5) into the pre-drilled holes at the bottom of the Wall Rack in order to attach the grooved bottom edge of the two remaining Z-Clips (Figure C, Item 3). (The Wall Rack comes with three Z-Clips installed along the top of the backside).
8. Place Wall Rack onto the Z-Bar, making sure the pre-mounted Z-Clips on back interlock securely with the Z-Bar (Figure D).
9. Once the Wall Rack is in final position, mark and drill a  $\frac{1}{8}$ " hole through the two bottom Z-Clips (installed in Step 7) into the wall. Secure to wall using remaining 2" Wood Screws (Item 4). If the Wood Screws are not in studs, use a Wall Anchor (Item 6) to secure them to the wall (Figure D).

**Note:** The two Z-Clips are not bearing any of the Wall Rack's weight but are there to prevent any unintentional lifting of the Wall Rack, which can cause it to become disengaged from the Z-Bar. When installing multiple racks, the two Z-Clips on the bottom of each additional Wall Rack are not attached to the wall. Instead, the Z-Clips tuck behind the Wall Rack below to prevent it from becoming disengaged from the wall.

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10. For mounting additional Wall Racks in a stacked position, repeat steps 3 through 8, using the top of the previously hung Wall Rack as the starting point from which to measure up 11".

### LIMITED WARRANTY

Ellison will repair or replace this product if, within one year of our purchase of this product, you discover a manufacturing defect and return the product to Ellison along with your written proof of purchase. All returns must be made within one year of your purchase of this product. Unless otherwise specified in writing, all such returns must be made to Ellison Educational Equipment, Inc., 25862 Commercentre Drive, Lake Forest, California 92630 USA. This warranty is expressly limited to manufacturing defects and does not include any damage or defect caused in any manner after your purchase of this product. Other than the express limited warranty set forth above, to the maximum extent permitted by applicable law, Ellison and its affiliates disclaim all express or implied warranties. NO WARRANTIES ARE MADE WITH RESPECT TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE.

### 16580 Ellison 60 Slot Die Storage Wall Rack

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