

## Project 20068EZ: Drill Press Organizer

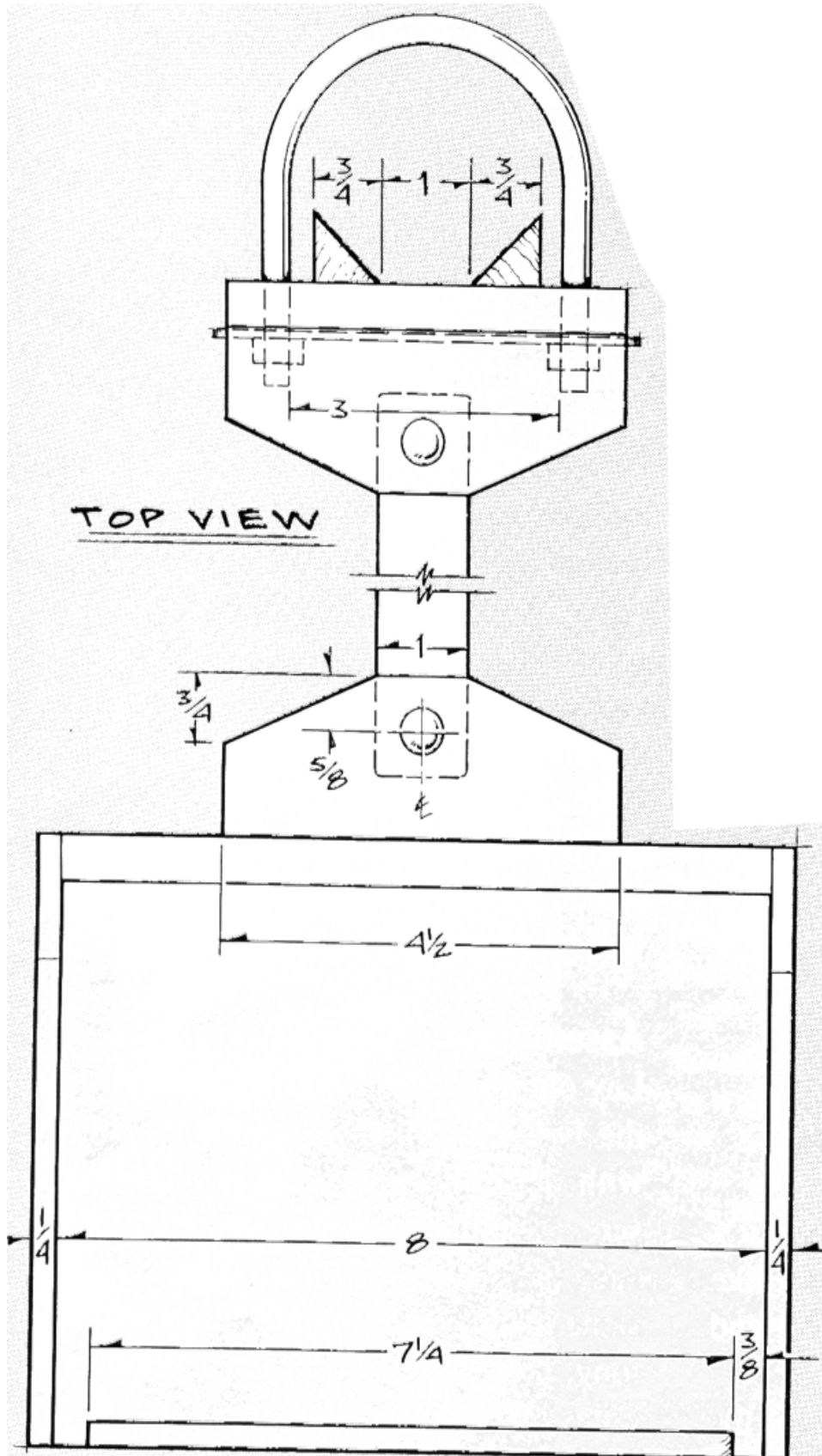
*Here's a clever little swing-away organizer for the drill press. As shown in the photo, the organizer mounts via a U-bolt directly to the drill press column. The swing arm permits the shelf to be located within arm's reach so bits are close at hand. But, if necessary, the arm and shelf can also be pivoted out of the way. This one is sized to hold most-often used bits, but you can increase the shelf size to hold other accessories, too. The 3" U-bolt shown will enable the organizer to mount to any drill press column that's 3" or less in diameter.*

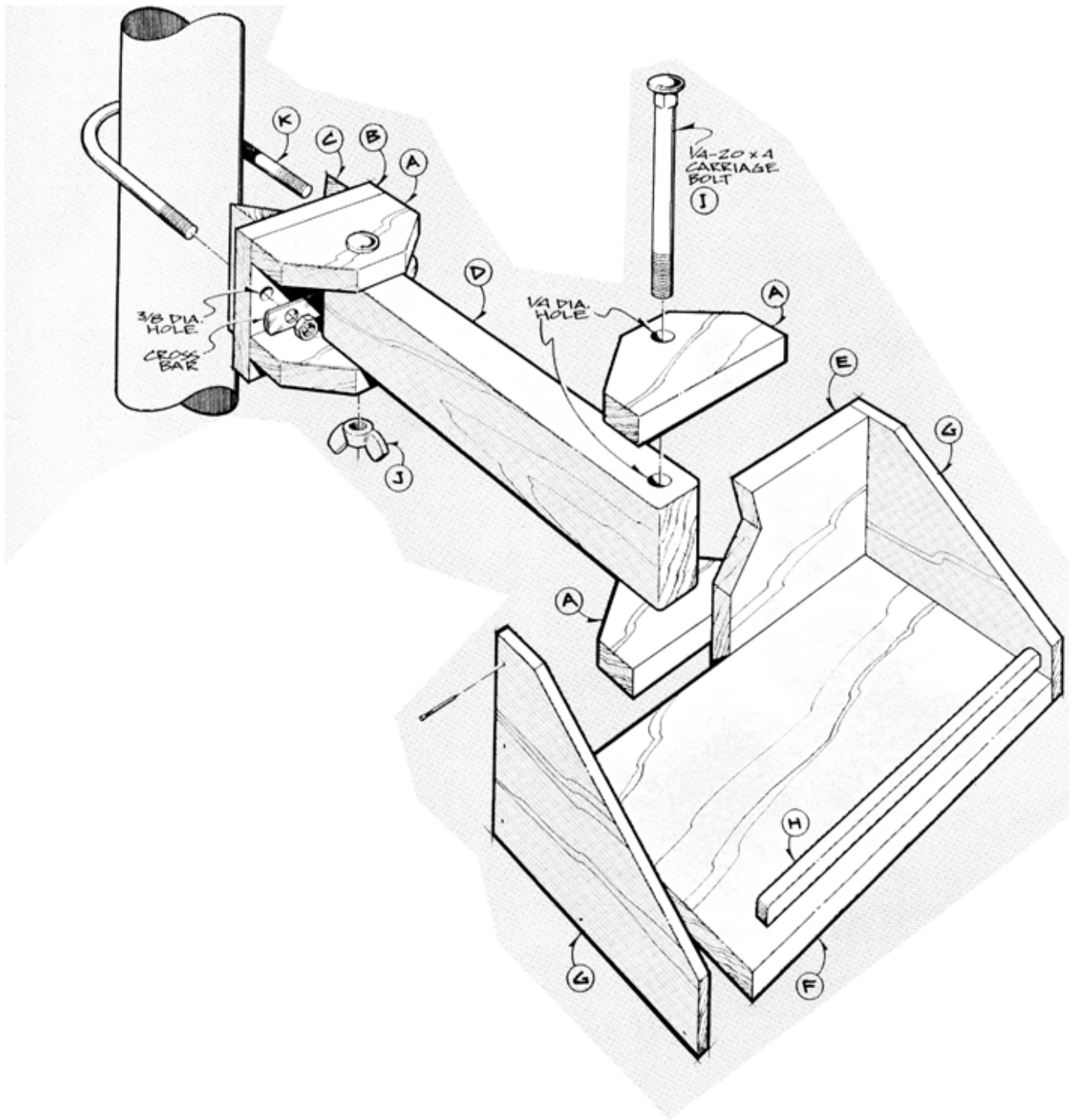
*The organizer was built mainly from oak scrap, but just about any hardwood, or even plywood, will be fine. However, if you do use plywood, you'll still need a piece of solid stock for the arm.*

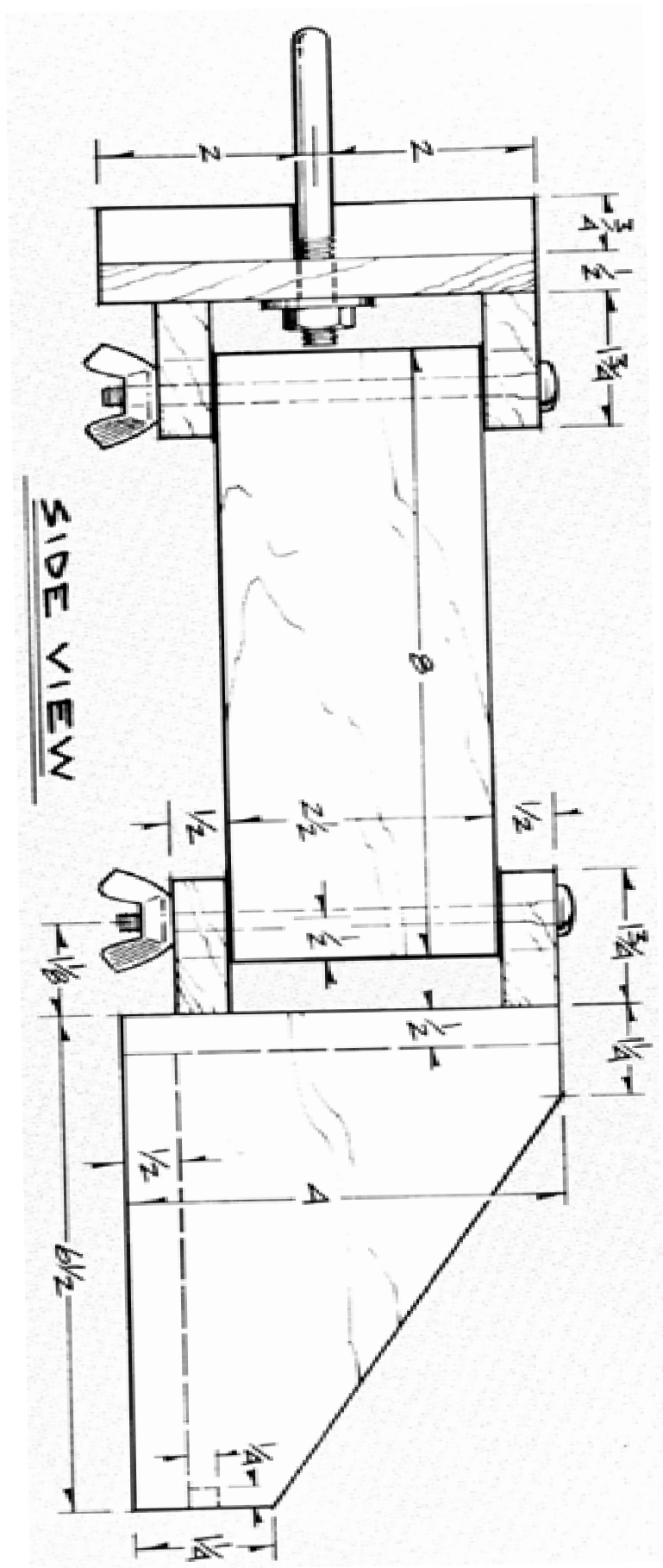
### Drill Press Organizer Materials List

Part	Description	Size	No. Req'd
A	Bracket	1/2" x 1-3/4" x 4-1/2"	4
B	Bracket Mount	1/2" x 4" x 4-1/2"	1
C	Beveled Cleat	3/4" x 3/4" x 4"	2
D	Arm	1" x 2-1/2" x 8"	1
E	Shelf Back	1/2" x 4" x 8"	1
F	Shelf Bottom	1/2" x 6" x 8"	
G	Shelf Side	1/4" x 4" x 6-1/2"	
H	Lip	1/4" x 1/4" x 7-1/4"	1
I	Bolt		1/4"-20 x 4" long
J	Wing Nut	1/4"-20	2
K	U-Bolt	3/8"-16 x 3" dia.	1

# Drill Press Organizer Complete Schematic







# Drill Press Organizer Step-by-Step Instructions

1. Cut the brackets to size.
2. Clamp all four brackets together in a stack.
3. Drill through for the bolts (I).
4. Cut the arm to size.
5. Drill through both ends using the same size bit as for the brackets.
6. Round the arm ends as shown.
7. Cut the shelf parts to size.
8. Assemble the shelf parts with glue and finishing nails. **NOTE: No clamps are needed.**
9. Add the 1/4" x 1/4" lip (H) at the shelf front to keep the bit blocs from sliding out.
10. Fasten the two brackets at the shelf back in place with glue and finishing nails.
11. Fasten the two remaining brackets and the bracket mount with glue and finishing nails.
12. Line up the brackets by sandwiching them around the arm, and then holding the assembly together by adding the bolt and tightening the wing nut (J).
13. Cut the two beveled cleats (C) to size. These cleats serve to center the assembly on the drill press column.
14. Drill through the bracket mount for the U-bolt (K).
15. Glue the cleats in position.
16. Apply a coat of spray lacquer to add a little protection to the organizer and to make dusting easier.

*As photographed, we used two blocks of wood to hold the various drill bits. The back block is higher, which eases access to the bits in back. The most-used bits are placed in front. However, depending on your bit collection, and any drill indexes you may already own, you'll probably want to customize these blocks to best suit your own needs. If your drill press doesn't have a handy place to keep the chuck key, just drill a hole into one of the blocks, as shown in the photo, to place the chuck key within arm's reach.*

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