

# STANDARD BRACKETS FOR MOUNTING ARM TYPE PULLOUT HOLDOUT DEVICES

**SUPPORT ROD BRACKETS** ( $2 \times 2$  (or  $2\frac{1}{2}$ )  $\times \frac{5}{16}$  Angle) Mount as shown to keep offset in proper direction.

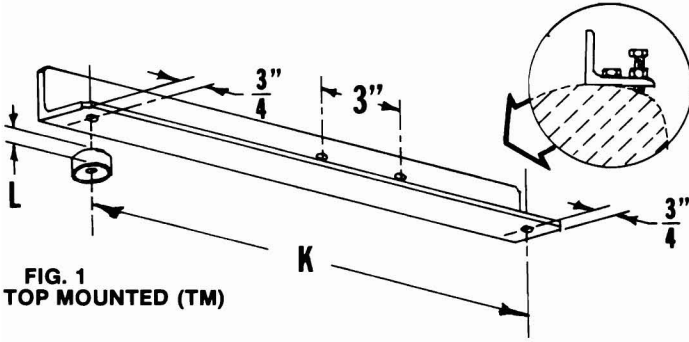


FIG. 1  
TOP MOUNTED (TM)

If FIG. 1 is mounted on a curved surface, check "Leveling Screws"

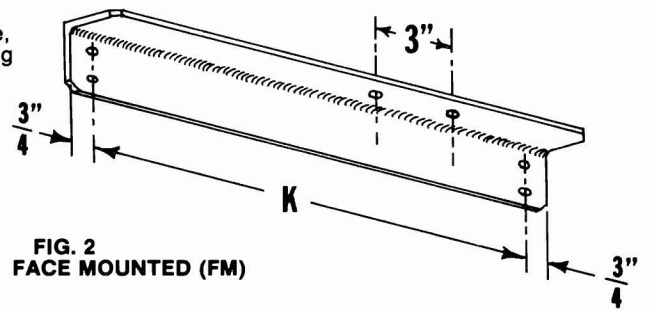


FIG. 2  
FACE MOUNTED (FM)

If spacers are required, give height "L"

**NOTE:** Never mount Support Rod directly to a vertical press surface — Use a FM bracket.

## RAM BLOCK BRACKETS

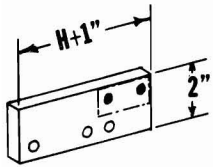


FIG. 3  
Offset will be  $\frac{1}{2}$  H

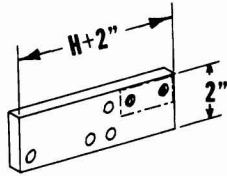


FIG. 4  
Offset will be 1" more than  $\frac{1}{2}$  H

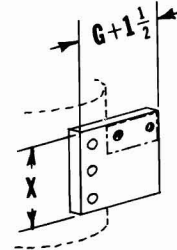


FIG. 4A  
Specify offset (G) but never more than  $\frac{1}{2}$  X

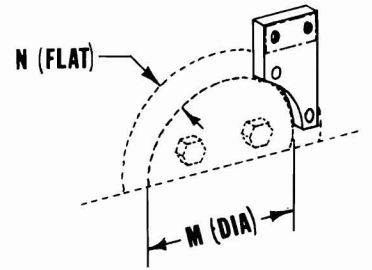


FIG. 5  
Offset will be  $\frac{1}{2}$ " less than  $\frac{1}{2}$  M

## COLUMN BRACKETS

$\frac{1}{2} \times 2$  Flat Stock

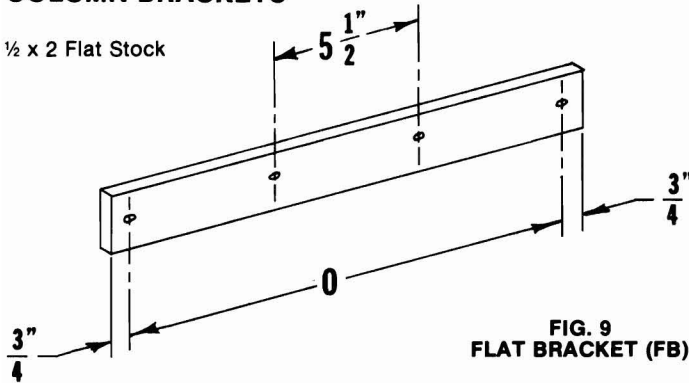


FIG. 9  
FLAT BRACKET (FB)

$2 \times 2 \times \frac{1}{4}$  Angle

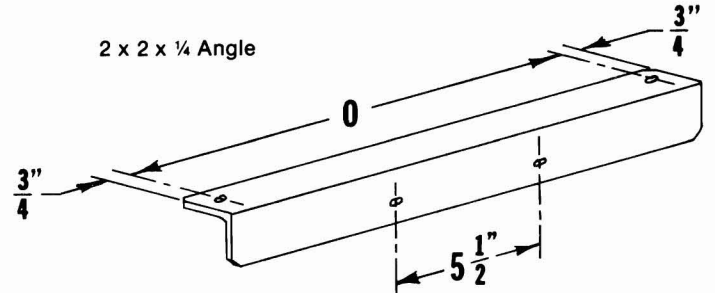


FIG. 6  
ANGLE BRACKET (AB)  
(For Special Purpose Only)

## EXTENSION COLUMN BRACKETS — $2 \times 2 \times \frac{1}{4}$ Angle

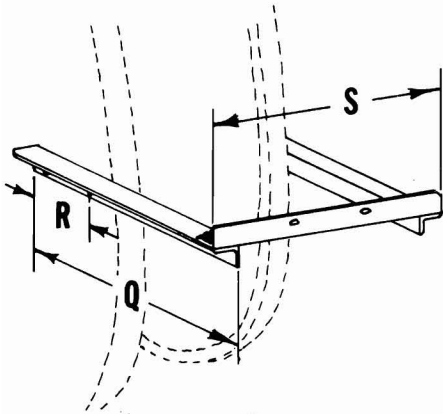


FIG. 11  
SIDE MOUNTED (SM)

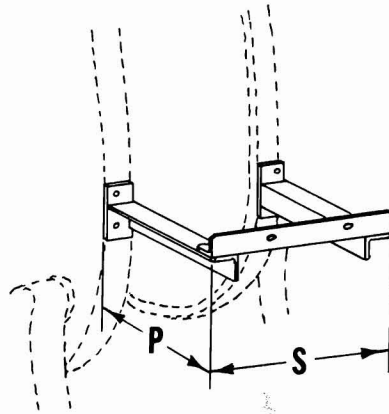
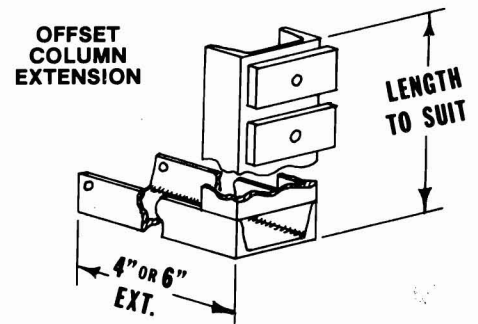


FIG. 10  
FACE MOUNTED (FM)

**NOTE:** Unless there is unavoidable interference, always use the FIG. 11 (SM) bracket.

## SPECIAL COLUMN EXTENSIONS

Primarily used to extend the column beyond the jacking attachment on Niagara presses.



Specify FIG. 7 for 6" extension  
Specify FIG. 8 for 4" extension