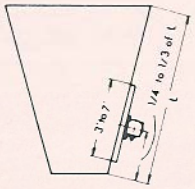
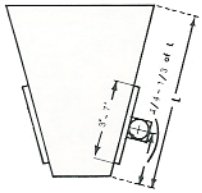
# ENGINEERING DATA & APPLICATIONS

**TYPICAL VIBRATOR MOUNTING**



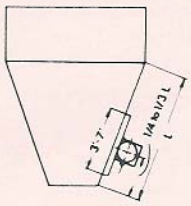

### 1. CONICAL HOPPERS:

Mount vibrator (by channel-iron stiffener 3' - 7' long*) to hopper wall from 1/4 to 1/3 the distance from the discharge to the top. Should a second vibrator be necessary, it should be mounted diametrically opposite and approximately 1/2 up the wall.



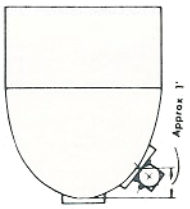
### 2. RECTANGULAR HOPPERS:

Mount as for conical hoppers on the centerline of one side. A second vibrator may be required if complete cleaning of all corners and sides is desired. Mount as per para. 1.



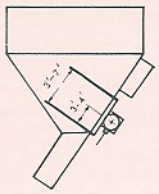

### 3. RECTANGULAR BINS WITH HOPPER BOTTOMS:

Usually requires larger force vibrators (than above) because of additional "head" load of material. Locate vibrator 1/4 to 1/3 the distance up sloping section and mount as in paragraphs 1 & 2.



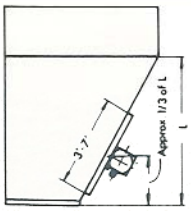

### 4. PARABOLIC BINS OR HOPPERS:

Mount vibrator within 1-foot of each discharge opening and in line with center of opening.



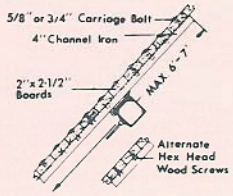
### 5. BINS WITH SLOPING CHUTE DISCHARGE:

Vibrator is mounted 1/8 to 1/6 distance up bin wall that is contiguous with under side of chute. This lower mounting position puts vibrator close to bin discharge throat and assures vibration transferrence into chute.




### 6. BIN OR HOPPER WITH VERTICAL SIDE:

Mount vibrator on wall with least slope in similar manner as in paragraph 3.




*For instructions on stiffening of bins and mounting procedures ask for bulletin 7101.

**Note:** For other applications not covered here please consult factory for recommendations. This is a free service and without obligation to you.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