



## CONNECTING 6" CORES END TO END

### Tools Required:

- 1/2" Hammer drill
- Masonry drill bit - 12" long minimum and diameter to fit floor anchor
- Socket set with 1/2" & 9/16" socket
- 1/2" & 9/16" Combination wrench
- Hammer

### Hardware Included in PLCH06-KIT B order separately to connect two cores together end to end:

- 4 Nuts, 3/8-16
- 4 Washers, Lock 3/8"
- 4 HHCS, 3/8 -16 x 3-1/2", grade 5
- 2 HHCS, 3/8 -18 x 4", grade 5

**Note 1:** Floor anchors are supplied by the installer. All floor anchors must be installed in order to achieve the load ratings.

**Note 2:** Refer to "Attaching 6" Core to Floor" for additional details

**Note 3:** The two 3/8-16 x 4" HHCS in this kit replaces the two HHCS 3/8-16 x 2-1/2" grade 5 supplied with the core.

1. Remove the side closure panels (not shown). Then remove lower removable bottom panels (A), middle ledge panels (B) and top cover panels (C), this gives you access for installing the hardware.
2. Align and level the new core end to end to the original core ensuring the vertical slots for attaching components are at the same elevation as the original core.
3. Install 3/8" hardware as shown being careful to use the correct length of hardware at each location; at the bottom of the core (see Detail A) insert the HHCS, 3/8 -16 x 4", grade 5 (D) through locking angle, floor angle (E), core uprights with the 2nd floor angle (E), locking angle (F), lock washer (G) and nut (H) on the other side. At the mid (Detail B) and upper (Detail C) locations insert the HHCS, 3/8 -18 x 3-1/2", grade 5 (J), through the upright with lock washers and nuts to connecting the cores together.
4. Using holes (K) in the floor angle as a template, drill anchor holes.
5. Insert base molding angles (L) and install floor anchors securely.
6. Install the vertical HHCS, 5/16-18 x 3-1/2" (M) and 3 nuts (N) shipped with core, through the top of the floor clamp to the locking angles (F) to lock the vertical movement.
7. Re-install the bottom panels (A), middle ledge panels (B) and top cover panels (C) and side closure panels.

