## Materials Included
- 7/32" hex bit for tamper-resistant screws
- 5/32" hex bit for tamper-resistant screws

## Tools Needed
- Steel wire brush
- 1/4" punch
- Hammer drill
- Hammer
- Loctite
- Pencil
- 3/16, 3/8, 1/2 & 5/8" drill bits for concrete
- 5/16" hex key

### Step by Step

#### For All Surface Mounted TANGENT Table Ensembles (SETAN-4BS Shown)

1. **Attach legs to central hub**
   - Attach legs to central hub with 1/4"-20 x 3/4" flat socket-cap screws (a) using drill and 5/32" hex bit for tamper-resistant screws (provided).

2. **Attach top bracket to legs**
   - Attach top bracket to legs with 1/4"-20 x 3/4" flat socket-cap screws (a) using drill and 5/32" hex bit for tamper-resistant screws.

3. **Attach table top to top bracket**
   - Attach table top to top bracket with 3/8"-16 x 3/4" button head cap screws (b) using drill and 7/32" hex bit for tamper-resistant screws. Note that 4-seat ensembles will use 8 flat socket-cap screws, and 6-seat ensembles will use 6 flat socket-cap screws.

4. **Mark hole locations**
   - Place table ensemble in desired location. Mark center of each hole location with a pencil.
STEP BY STEP  FOR ALL SURFACE MOUNTED TANGENT TABLE ENSEMBLES (SETAN-4BS SHOWN)

Drill anchor holes
• Use hammer drill to drill 2-1/4" deep x 5/8" diameter anchor holes at each marked location using a 5/8" drill bit suitable for concrete drilling.
NOTE: Forms+Surfaces recommends starting holes with 3/16” diameter drill bit followed by 3/8” and finally 5/8” for maximum accuracy.

Insert and set anchors
• Use compressed air and steel wire brush to clean anchor hole.
• Insert 1/2"-13 x 2" anchor (d) into anchor hole and use hammer to tap anchor top flush with ground level.
• Use 1/4" punch and hammer to set anchor by driving down the center of each anchor until it stops.

Position ensemble
• Position ensemble so that mounting holes line up with anchors.

Attach ensemble
• Insert 1/2"-13 x 3" tamper-resistant flat socket-cap screws (e) into mounting holes in ensemble and thread into anchors using provided 5/16" hex key for tamper-resistant screws.
**TIGHTEN**

**SURFACE MOUNT INSTALLATION INSTRUCTIONS**

**FOR ALL SURFACE MOUNTED TANGENT TABLE ENSEMBLES (SETAN-4BS SHOWN)**

**9. Tighten screws**
- Tighten all screws until snug.

**10. Attach seats to seat cradle brackets**
- Attach seats to seat cradle brackets with 3/8"-16 x 3/4" button head cap screws (b) using a drill and 7/32" hex bit for tamper-resistant screws. Note that the indicator arrow on the seat cradle bracket should be pointing towards the front of the seat.

**11. Attach seats to legs**
- Attach seat cradles to legs with with 3/8"-16 x 1" flat socket-cap screws (c) using a drill and 7/32" hex bit for tamper-resistant screws.

**12. Tighten screws**
- Tighten all screws until snug.