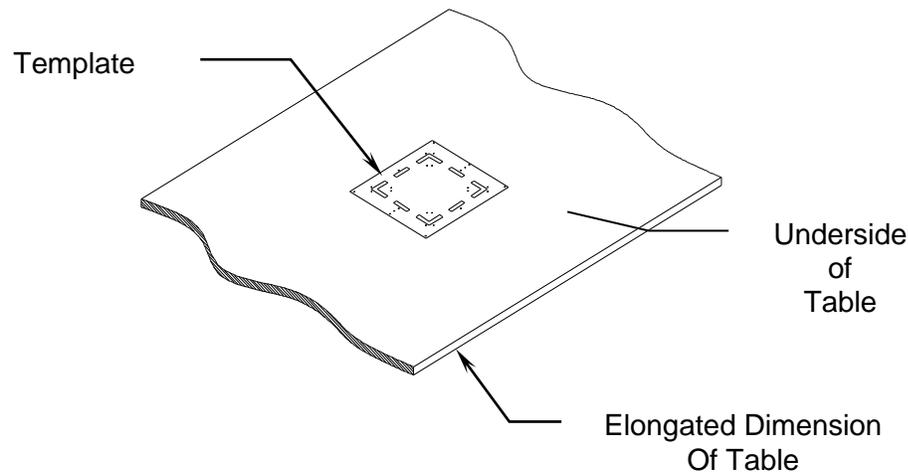# Intercept Table Preparation

Step 1. Decide exactly where you would like the INTERCEPT on the table.

Step 2. CUTTING THE TABLE (The following Instructions are specified for the installation of the supplied brushes)
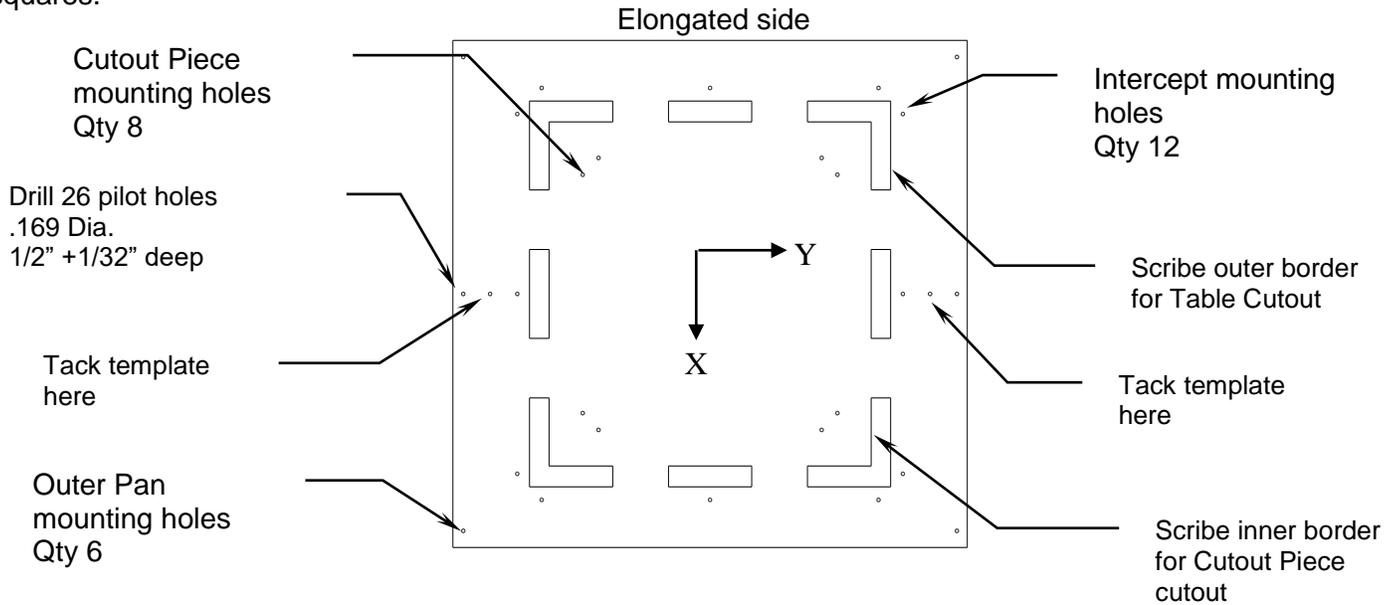
Option 1: Hand Cutting

On the underside of the table place the template (consult factory for template) where the INTERCEPT will be positioned. If the table is elongated, position the elongated template along the same axis.

Template

Underside of Table

Elongated Dimension Of Table

Intercept Table Preparation

Tack the template in place. Mark the 26 pilot-hole locations as shown. Scribe marks for the 2 cutout squares.

Elongated side

Cutout Piece mounting holes Qty 8

Intercept mounting holes Qty 12

Drill 26 pilot holes .169 Dia. 1/2" +1/32" deep

Scribe outer border for Table Cutout

Y

X

Tack template here

Tack template here

Outer Pan mounting holes Qty 6

Scribe inner border for Cutout Piece cutout

Remove the template and join scribe marks to create inner and outer squares. Drill 26 pilot holes using a #18 drill (.1695 dia), use caution to prevent drilling through table surface.

Cutout *and retain* inner square (11-5/8" x 11-5/8"). This will be called CUTOUT PIECE. The CUTOUT PIECE will be mounted to the MAIN HOUSING during INTERCEPT installation. NOTE: see step 4.

   Note: Mark the direction of the CUTOUT PIECE prior to removal, this will ensure that the grain or pattern will match the table after installation.

Cutout the outer square (13-1/8" x 13-1/8"). Make certain that there are sharp corners on this square hole.
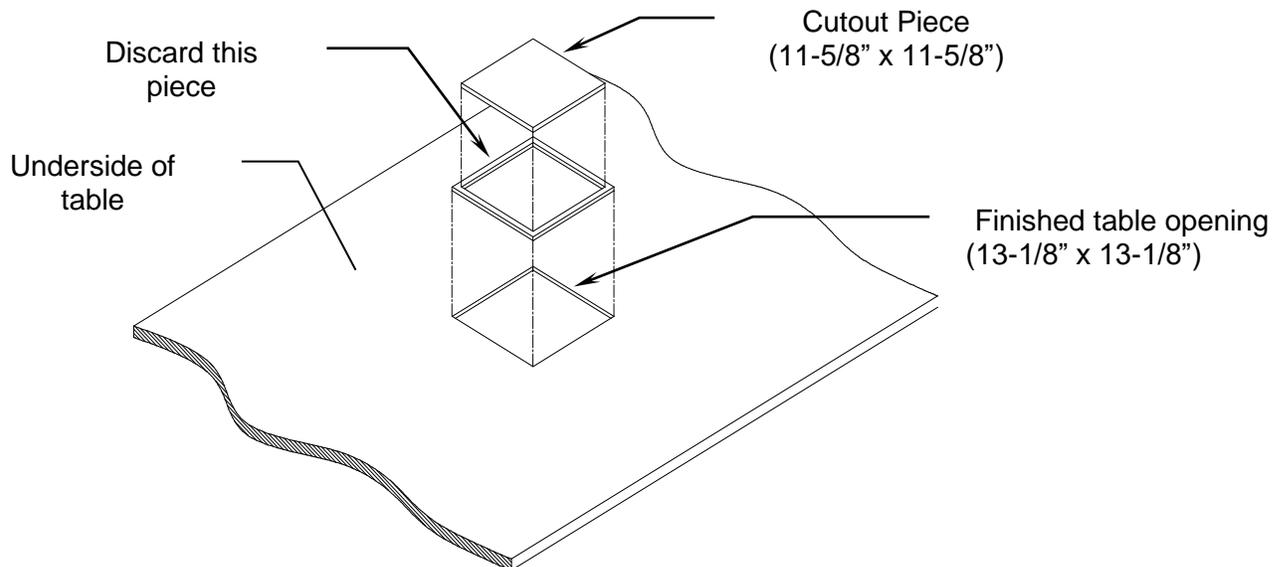
Intercept Table Preparation

Option 2: CNC Cutting

Use the following coordinates for CNC machining (note: coordinates are from center of Intercept). (X , Y)

Cutout Piece Mounting Holes: Holes (optional):	Intercept Mounting Holes:	Outer Pan Mounting
-4.02 , 4.59	-6.00 , 6.95	-8.00 , 8.90
4.02 , 4.59	0, 6.95	0 , 8.90
4.59 , 4.02	6.00 , 6.95	8.00 , 8.90
4.59 , -4.02	6.95 , 6.00	8.00 , -8.90
4.02 , -4.59	6.95 , 0	0 , -8.90
-4.02 , -4.59	6.95 , -6.00	-8.00 , -8.90
-4.59 , -4.02	6.00 , -6.95	
-4.59 , 4.02	0 , -6.95	
	-6.00 , -6.95	
Cutout Piece (11.625 square):	-6.95 , -6.00	**Table Cutout (13.125 square):**
-5.81 , 5.81	-6.95 , 0	-6.56 , 6.56
5.81 , 5.81	-6.95 , 6.00	6.56 , 6.56
5.81 , -5.81		6.56 , -6.56
-5.81 , -5.81		-6.56 , -6.56

Note: If laminate is to be used to finish this opening adjust the cutout to accommodate its thickness. The finish opening should measure 13-1/8" x 13-1/8".

Discard this piece

Cutout Piece (11-5/8" x 11-5/8")

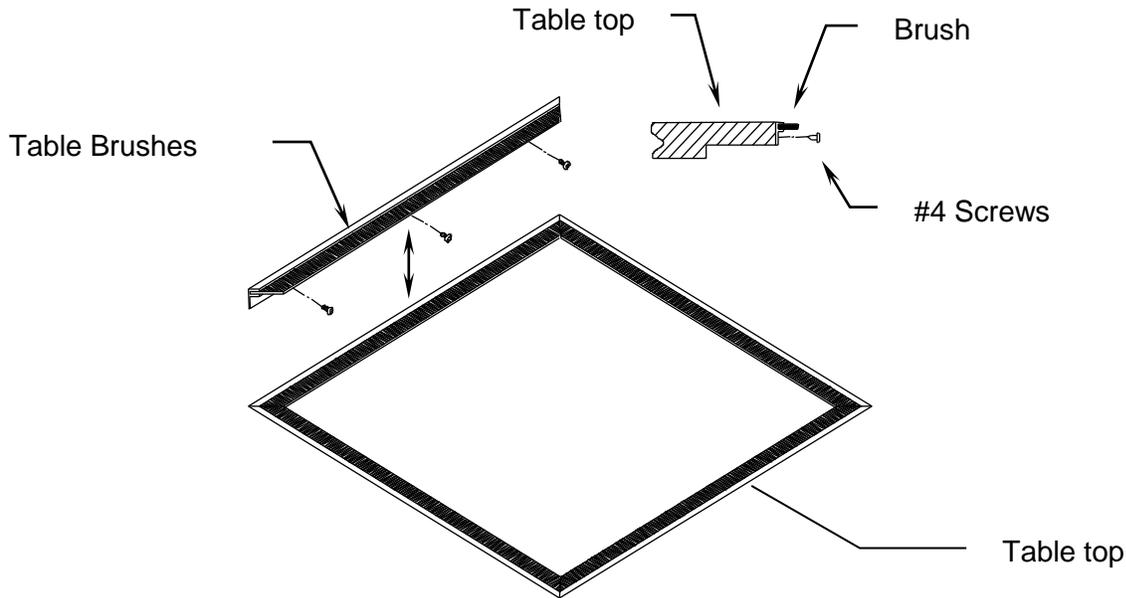Underside of table

Finished table opening (13-1/8" x 13-1/8")

Finish off the outside edges on the CUTOUT PIECE and the inside edges on the table's square hole. Either laminate or apply a waterproof finish.

Intercept Table Preparation

Step 3. Install 4 TABLE BRUSHES to the inner sides of the table's square cutout. Install each TABLE BRUSH with 3 #4 screws (supplied).

Note: Make certain the top edges of the TABLE BRUSHES are flush with the top surface of the table.

Step 4. Determining CUTOUT PIECE Thickness.

The Intercept has inner pan mounting flanges with four position holes in them that permit the installer to mount the flanges at a position that best suits the table thickness their working with.

Position 1   Table Thickness Between   .656 - .83   Shipping Position
Position 2   Table Thickness Between   .83 - 1.125
Position 3   Table Thickness Between   1.125 - 1.375
Position 4   Table Thickness Between   1.375 – 1.625

This feature means that the CUTOUT PIECE is not a fixed thickness any longer. Below is a chart that lists the position of the top of the housing in relationship to the Inner Pan mounting flanges for each position.

Position 1   Housing Flush with Flanges
Position 2   Housing .34 Higher Than Flanges
Position 3   Housing .59 Higher Than Flanges
Position 4   Housing .84 Higher Than Flanges

The installer needs to subtract the number from the chart above, based on their mounting position, from their actual table thickness and this will be the thickness the Cutout Piece needs to be. Example: If the actual table thickness is 1-1/16" (1.0625) that means the flanges should be set at position 2. In position 2 the housing sticks up above the flanges by .34. So subtract .34 from 1.0625 and the Cutout Piece thickness should be .72 or 23/32" of an inch. (the customer can modify always change from these recommendations)

Step 5. Install INTERCEPT (separate instructions).