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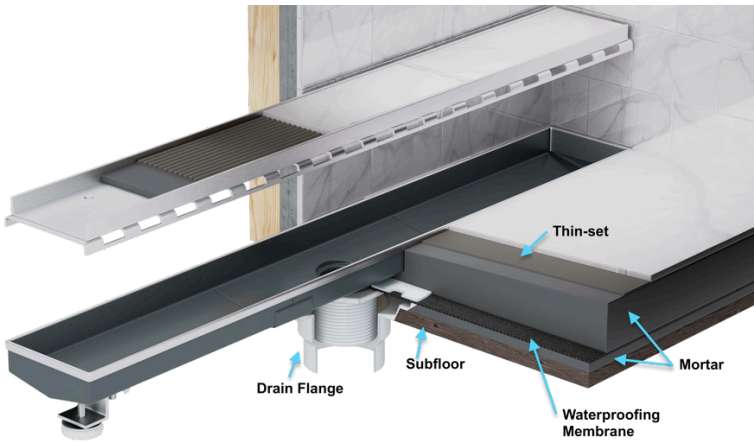
# Lagos Series
# Adjustable Linear Drain




## Step 1: Position Drain
Determine where the drain will be positioned, frame out shower surround as required.

## Step 2: Connect Drain Flange
Attach the drain flange body (IMAGE A) to the waste pipe, leaving the drain bolts in place. Cover the drain opening with a rag or other material to prevent mortar from blocking the pipework during the installation.

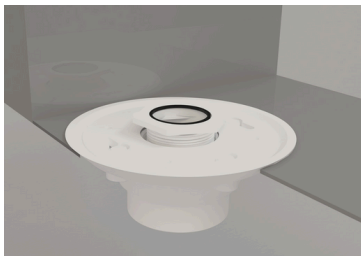


Image A: Drain Body Flange

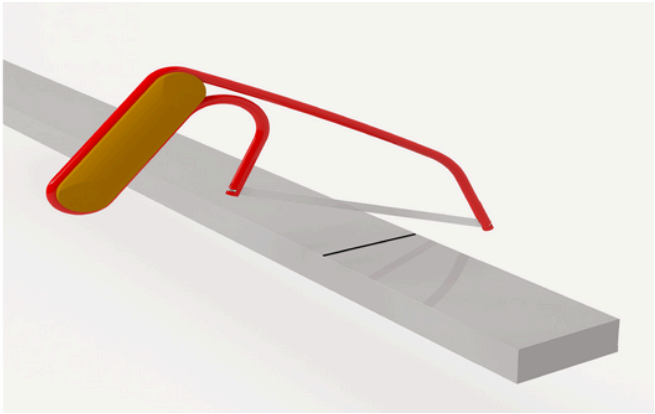
## Step 3: Trowel Mortar
Trowel mortar onto the subfloor, pitch at a ¼" per foot slope in direction towards the shower base.

## Step 4: Waterproof and Secure
Install waterproof membrane, reinforce around outlet, and cut carefully to expose the heads of the drain bolts and outlet. Install the clamping ring.

## Step 5: Test For Leaks
Before proceeding, test the membrane for any leaks to ensure the shower area is fully sealed. Any issues should be addressed at this point.

## Step 6: Thread and Adjust Height
Screw the threaded nipple into the drain flange (IMAGE A), adjusting it to the desired height.

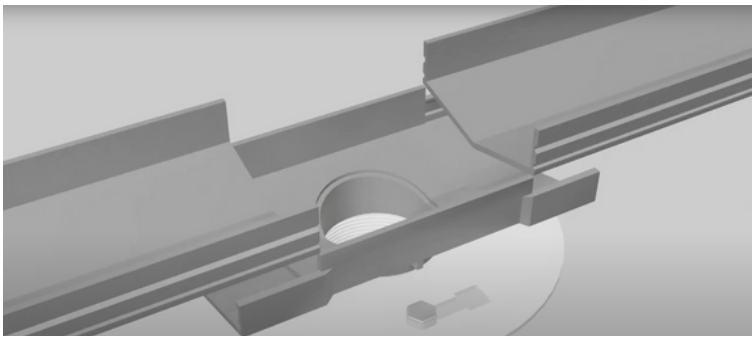
## Step 7: Determine Drain Length
Determine the finished drain length, accounting for wall and tile thickness, plus 4" for the outlet section. To achieve the full drain length, cut the channel where the center of the outlet section will be placed. For a shorter length, remove an equal amount from each side of the channel. Dry-fit all pieces together to ensure the measurements are correct.
For example, if 4" needs to be removed, cut 2" from each side.



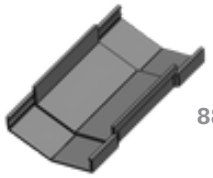
## Cutting Tips:
**a)** Draw a straight line on the back of the base where the cut will be made.
**b)** Clamp base to stable, level surface for cutting.
**c)** Cut drain channel at 45 degree angle. Use a 30 degree angle on corners.
**d)** Gently file edges with a carpenter file
**e)** Do not bend or pull away pieces being cut from base, allow pieces to fall away.

### Step 8: Connect Pieces

Using PVC cement glue connect all pieces together: channel to outlet and endcap.



**Note:** To connect multiple kits, you'll need to purchase a joiner piece in order to achieve your desired length.

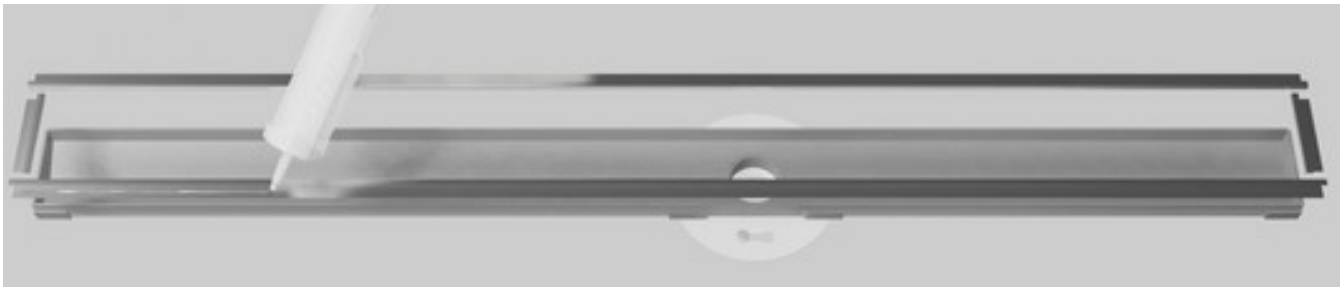


**88.JOINER**

### Step 9: Install Trims

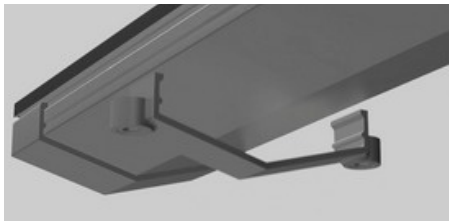
Start by applying sealant to the trim pieces and affix them to all four edges of the channel. Remove any excess sealant. Allow it to dry for a minimum of 8 hours before handling.

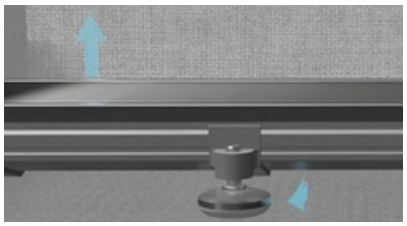
**NOTE:** To prevent staining the base with sealant residue, consider covering the inside of the base with blue painter's tape. Additionally, after the trim is installed, we recommend using the spacers included in the box to prevent flexing of the channel or taking up space for the grate.



### Step 10: Install Drain

Place the drain channel into the threaded nipple. Use the adjustable feet to keep the drain channel into the correct position and level.





### Step 11: Apply Mortar

Trowel mortar to the required height, ensuring that you backfill the underside of the assembled stainless steel channel. After the mortar has dried, apply a bead of silicone caulk around the base.

### Step 12: Install Tile

Once the floor mortar has cured, apply thinset and install tile and grout.

### Step 13: Install Grate

Position the grate into the channel. The grate may need to be cut to fit inside the channel comfortably. For the Mist (tile-in), apply a layer of mortar into the grate, allowing for the thinset and materials to finish flush with the metal frame.

Watch Cutting Video

**Note:**

- Hair Strainer basket fits inside the drain to collect hair and other debris.
- Empty basket as needed to maintain optimal performance. The use of the basket is optional.
- Waterproof membrane shall be installed and tested per manufacturer's instructions and local building and plumbing codes.
- QM Drain recommends this product to be installed by a licensed contractor.
- QM Drain fits into most common 2" ABS, PVC or Cast Iron shower drain flange.
- Lifting key assists with grate removal.
- Failure to achieve adequate floor slope will result in standing water problems or slow water flow.