

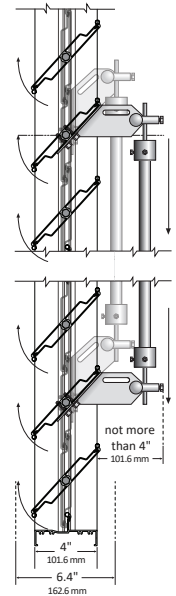
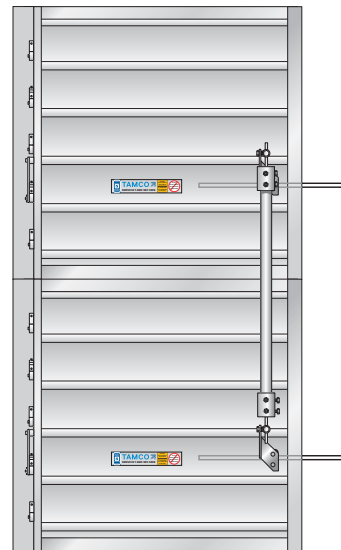
For Series 1000, 1000 FB, 1500, 1500 FB, 9000, 9000 FB, 9000 BF

## VERIFY DAMPER OPERATION BEFORE INSTALLATION

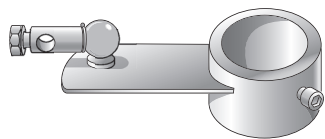
- ✓ Ensure that the installed damper sections conform to TAMCO Aluminum Damper Installation Guidelines, which are included with shipment.
- ✓ Manually ensure that the damper sections operate freely and easily, before installing jackshafts.
- ✓ If assistance is required, call **TAMCO CUSTOMER SERVICE at 1-800-561-3449.**

## VERTICAL JACKSHAFT CONNECTED TO FACE BLADE BRACKETS

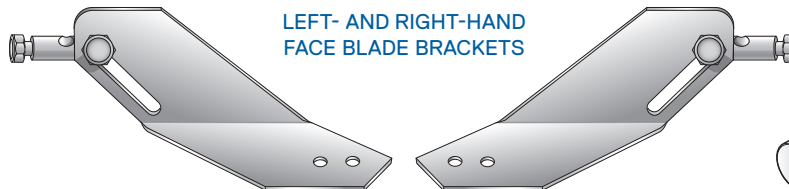
- Loosen the set screws on each face blade bracket's swivel to allow the removal of the face blade bracket from the vertical jackshaft's  $\frac{5}{16}$ " (8 mm) diameter rod cap ends.
- With both damper sections closed, undo the hex nuts on the drive blade U-bolts. Position the face blade bracket over the U-bolt (*with the swivel at the top*) and secure the bracket with the hex nuts. (*For Series 9000 dampers, retain the spacing plate located in the blade channel.*)
- Insert the vertical jackshaft's  $\frac{5}{16}$ " (8 mm) diameter rod cap ends into the face blade bracket swivels. Ensuring that the damper sections are fully closed, tighten the set screws.
- If any adjustment is required, reposition the rod cap end in the face blade bracket swivel until both sections close fully.
- Retighten the swivel and verify damper closure.
- Repeat the adjustment procedure if necessary.



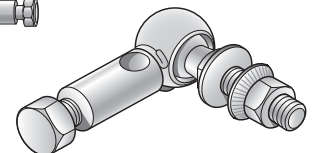
SHORT JACKSHAFT CRANKARM



LEFT- AND RIGHT-HAND  
FACE BLADE BRACKETS



SWIVEL

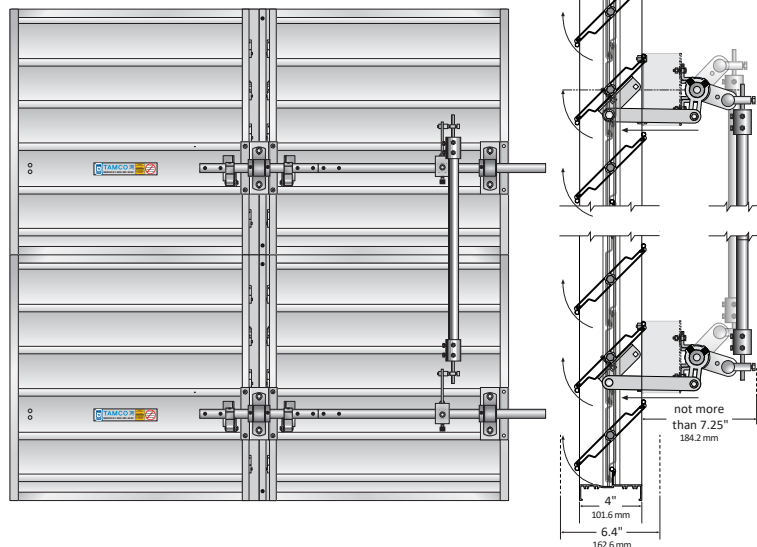


# VERTICAL JACKSHAFT

INSTALLATION GUIDELINES

## VERTICAL JACKSHAFT CONNECTED TO HORIZONTAL JACKSHAFT

- Ensure that the horizontal jackshafts are properly installed. (See *TAMCO Installation Guidelines for Horizontal Jackshafts*.)
- With the damper sections closed, position both pre-installed short jackshaft crank arms at a 45° up angle and align them with each other. (Refer to the accompanying drawing.)
- Insert the vertical jackshaft's  $\frac{5}{16}$ " (8 mm) diameter rod cap ends into the short jackshaft crank arm swivels. Ensuring that the damper sections are fully closed, tighten the set screws.
- If any adjustment is required, reposition the rod cap end in the short jackshaft crank arm swivel until both sections close fully.
- Retighten the swivel and verify damper closure.
- Repeat the adjustment procedure if necessary.



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