



LG Grid for Cleanrooms

Installation Instructions

LG-15 Series Ceiling Grid should be installed in accordance with C-636, "Installation of Metal Ceiling Suspension Systems for Acoustical Tile and Lay-In Ceilings". Below is a recommended installation sequence.

Step 1

Position the perimeter wall angle, or perimeter tee, at the proper ceiling height. Beginning at the center of the wall and working out to the corners, attach the wall angle, or perimeter tee, using conventional drywall fasteners such as screws or nails.

Step 2

Once the perimeter tee is installed, position the first run of main tees to the wall angle running perpendicular to the main tee. Once the first main tee is in position, secure the main tee to the hanger wire spaced a maximum of 48" o.c. Install the second main tee in the same manner.

Step 3

When splicing main tees together, first remove the paper release sheet on the gasket overhanging the ends of the main tees. Position the overhanging gasket onto the ungasketed flange of the adjoining main tee. Press the gasket into position taking care that the gaskets touch and form a tight seal. Main tees are spliced together with the main tee splice clip. Tabs of the clip should insert into the 1/8" x 1/2" vertical slots punched into the ends of the main tees. Bend the tabs of the clip toward the ends of the main tees using finger pressure or pliers, if necessary. Additional main tees may now be installed in the same manner using a 4' cross tee as a spacer.

Step 4

After at least two main tees are in place, install a 4' cross tee between the main tees. The milled back ends of the cross tees should fit up tightly onto the main tee. Remove the paper release sheet from the gasket on the ends of the cross tees exposing the adhesive. Press the gasket down onto the flange of the main tee making certain that the gaskets touch.



Step 5

With a cross tee in place on one side of the main tee, insert the LG 2-way clip into the 1/2" x 1/2" square hole punched into the web of the main tee. Rotate the clip into the hole and keeping the clip at an angle to the cross tee. Do not rotate the clip back to the parallel position yet.

Step 6

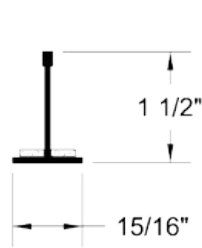
Repeat Step 3 above until two cross tees are in place on either side of the main tee. Now rotate the LG 2-way clip into parallel position with the main tee. The tabs of the clip should insert into the 1/8" x 1/2" vertical slots punched into the webs of the cross tees. Start bending the tabs of the clip toward the main tee using finger pressure at first and then, if necessary, pliers.

Step 7

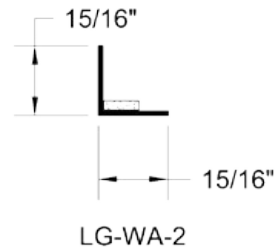
Verify the position of the cross tees in relation to the wall angle. Once this alignment is verified, all of the main tees as well as all of the cross tees may be installed in the same way as described above.



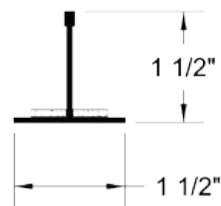
LG Grid Profiles



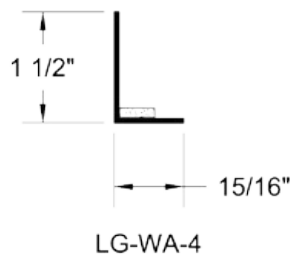
LG-10-MT
LG-10-48
LG-10-24



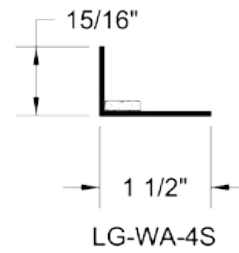
LG-WA-2



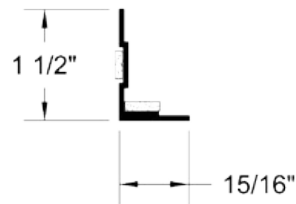
LG-15-MT
LG-15-48
LG-15-24



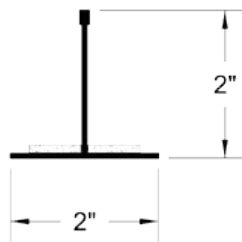
LG-WA-4



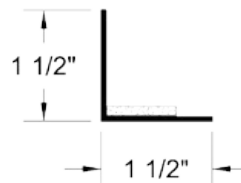
LG-WA-4S



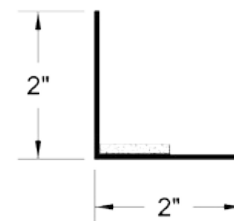
LG-WA-10G



LG-20-MT
LG-20-48
LG-20-24



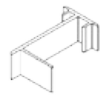
LG-WA-15



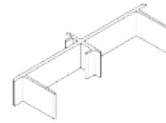
LG-WA-20



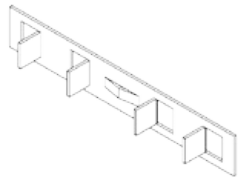
LG Hardware and Assembly



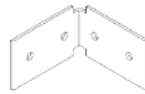
1WAY CLIP



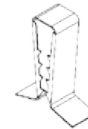
2WAY CLIP



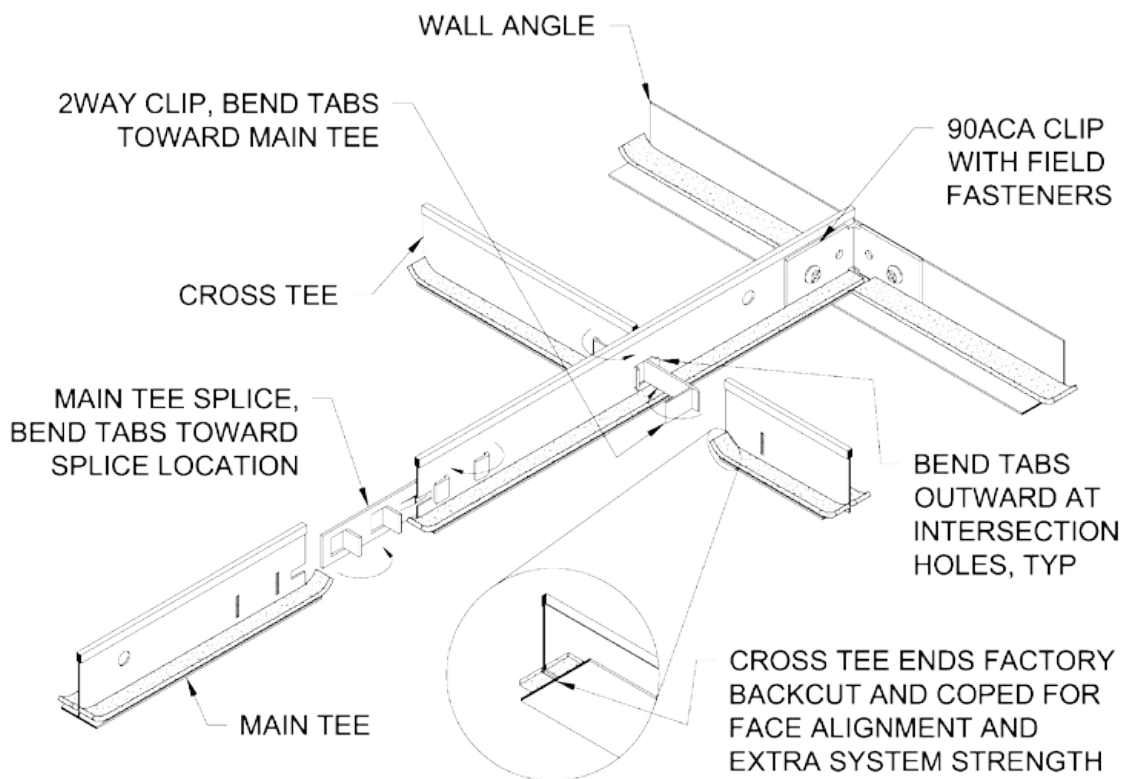
MAIN TEE SPLICE



90ACA CLIP



PANEL HOLD DOWN CLIP



CORPORATE OFFICES: 1318 Kenton Street, Springfield, OH 45505

TOLL FREE: (888) 423-6638

FAX: (937) 324-8753

E-MAIL: sales@bennettnbennett.com