



Anemostat®

SUBMITTAL

A MESTEK COMPANY

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Model **THD-1500**

CRITICAL ENVIRONMENT SUSPENDED GRID SYSTEMS

1-1/2" EXTRUDED ALUMINUM T-BEAMS

SUSPENDED GRID SYSTEMS

PRODUCT FEATURES

- Heavy Duty grid system at HALF the allowable deflection as classified per ASTM C635
- Factory welded grid system on 12-1/8" Modulus (Ex. 24-1/4" x 48-1/2" Centerlines)
- Individual sections fabricated up to 5' x 10' as standard for ease of transport, handling, and installing. Larger sections available as applicable / practical
- Designed via structural analysis software for rigidity – insures a tight seal from the contaminated plenum space above
- Supports a minimum of 10 lbs load / square foot
- Factory furnished compression clips hold diffusers tight to frame to prevent leakage (optional - field installed)

FULL T-BEAM FEATURES

- 1-1/2" Wide Full T-Beams exceeding .52 lbs/lineal foot
- 1-3/4" high vertical leg minimizes interference with installed ceiling components and hanger wire or threaded rod
- Minimum wall thickness of .125"

HALF T-BEAM FEATURES

- 3/4" Half T-Beams with "Lock-Align" design for positive alignment between mating sections. Eliminates need for gaskets between sections.
- Pairs of Half T-Beams mate together to form a dimensional equivalent of a Full T-Beam (field attached with Half T-Beam clamps, included)

SUPPORT METHODS

- Holes die punched at 12" intervals in vertical legs of Full Beam members for hanger wire supports. Half T-Beam clamps are included for support of mating sections and can be positioned anywhere within the grid system
- 24" to 48" support intervals in both directions are typical. Ceiling load, support specifications, and building codes will dictate requirements.

MATERIALS

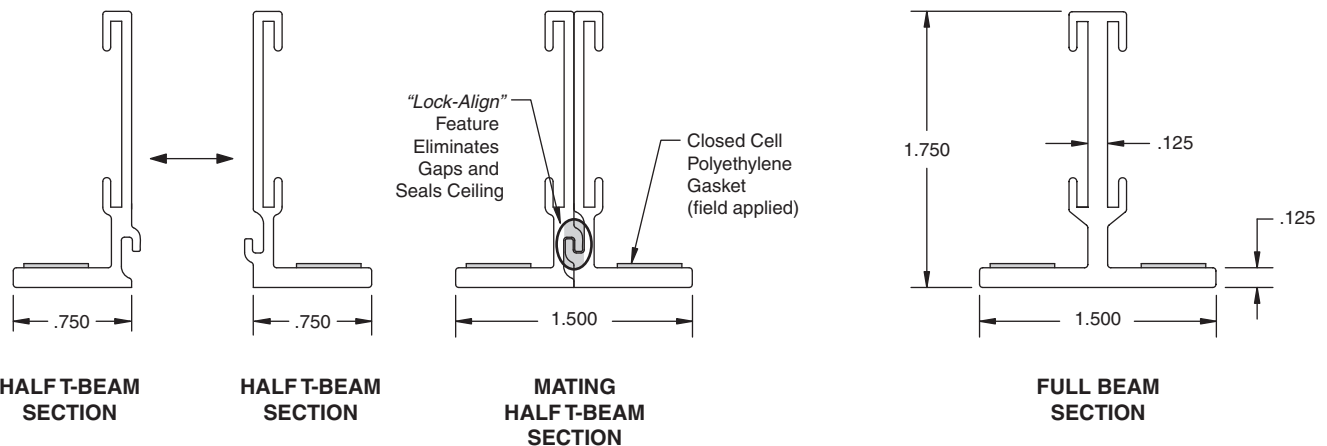
- 6000 Series Extruded Aluminum alloy for strength/rigidity, corrosion protection, and clean lines.
- Closed-cell Polyethylene gasket material (PSA) is provided for field installation.

FINISHES

- Arctic White epoxy powder coat finish
- Clear / Natural Anodize finish



Clamp for Mating Half T-Beam Section



All dimensions are in inches.

JOB NAME:

SUBMITTED BY: