



Chicago Metallic 730 Stainless Steel $1\frac{5}{16}$ " Exposed

Product

Applications

Food preparation, laboratories, or laundries.

Features

- No paint or coating to peel, corrode, stain or pit.
- Standard 24" x 24" and 24" x 48" module configurations.
- Works with most infill panels.
- Standard main tees available with cross tee slots spaced every 12".
- Metric and non-standard lengths available.
- System components shipped with strippable plastic film to protect face.
- Meets ASTM C635 Intermediate Duty classification.
- Stainless steel panels and hold down clips are available.
- Chicago Metallic suspension systems meet a Class-A flame spread rating in accordance with ASTM standard E1264-08.

Benefits

- Standard NEMA lay-in light fixtures fit properly.
- Complete seismic zone and category coverage (when used with stainless steel clip #416.15).
- Protective film on face of components ensures clean installation. This film is removed after components are installed.

Material:

A. General

ASTM C 635 Intermediate Duty (ID) main tee classification, Type 304 commercial quality stainless steel. $1\frac{5}{16}$ " wide bottom flange with Type 304 alloy, 2B finish stainless steel capping.

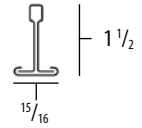
Chicago Metallic's 730 All Stainless Steel Ceiling System components are manufactured to meet performance criteria of severe environmental conditions. Due to the inherent qualities of raw materials and manufacturing processes, slight imperfections or variations may occur on the exposed surface of this product. These variations will not affect the functional performance capabilities of the suspension components.

Note: A metallurgist should be consulted regarding the suitability of this product for the environmental conditions in which it is being installed.

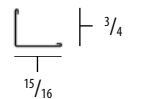
Components:

1. **Main Tees: Double** 730.00SB (144", slots 12" OC, ID)
web construction, 1-1/2" web height with rectangular bulb and pre-finished Type 304 alloy, 2B finish stainless steel capping.
2. **Cross Tees:** 732.00SB (24", no slots)
 734.00SB (48", slots 12" OC)
Double web construction, 1-1/2" web height with rectangular bulb and pre-finished Type 304 alloy, 2B finish stainless steel capping. Hook end detail.
3. **Wall Angle:** 1490.00SB (144", 3/4" x 15/16")
2B finish stainless steel with hemmed edge.
4. **Intersection Clip:** 416.15
Locks cross tees to main tees. For seismic categories D, E and F. Stainless steel.

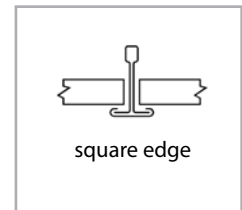
Tees



Angle



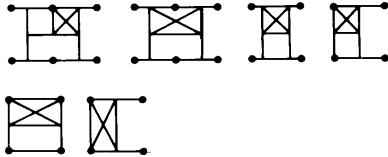
Detail



Chicago Metallic 730 Stainless Steel $15/16$ " Exposed

Non- Fire Rated Assemblies

Hanger Positions for Non-Fire Rated Situations



This illustrates hanger positions for single fixtures in a field. Provide extra hangers for tandem fixtures.

Light Fixture Load Test Data (based on $1/360$ span deflection)

LIGHT FIXTURES	MAIN & CROSS TEES ALLOWABLE FIXTURE WT. – LBS.
	730.00
Dimensions	734.00
1' x 4'	55.6
2' x 2'	49.6
2' x 4'	64.0 [▲]

[▲] Limited by safety factor of 2.

Component Load Test Data (based on $1/360$ span deflection)

ALLOWABLE LOAD per ASTM C635 [■]				
Main Tee	Length	Hanger Spacing		
		4'	5'	6'
730.00	12'	Intermediate Duty		
		6.0		4.0
Cross Tee	Length	2'	4'	
732.00	2'	75.0 [▲]		
734.00	4'	13.3		

[■]To convert data into lb/ft², divide on center spacing of component into lb/ft.

[▲] Limited by safety factor of 2.