Suggested Specification:
All ductwork and equipment shall be supported using wire rope cable terminated by Cable Locks. All Cable Locks shall have an Ultimate Breaking Strength (U.B.S.) of at least 5 times the wire rope published Working Load Limit (W.L.L.). All wire rope shall have a U.B.S. of 5 times the published W.L.L. Wire ropes shall be of the size and spaced per manufacturers printed specifications. Wire Rope and Cable Locks shall be as supplied by Duro Dyne Corporation.

Specification Data
1) All wire rope supplied by Duro Dyne is statistically tested to minimum breaking strength.
2) Dyna-Tite CL12 has been submitted and tested to be an acceptable alternative to the duct hanger systems prescribed in SMACNA HVAC-DCS 2nd edition by SMACNA Testing & Research Institute.
3) All Working Load Ratings of Dyna-Tite CL12 Cable Locks manufactured by Duro Dyne have been witnessed and verified by Independent Testing Labs.
4) Dyna-Tite CL12 Cable Locks may be used in temperatures up to 300 degrees F.
5) Dyna-Tite CL12 Cable Lock wedges are constructed of corrosion resistant sintered steel.
6) Dyna-Tite CL12 Cable Lock springs are constructed of tempered stainless steel.

Wire Rope Specification
Carbon Steel & Galvanized
Galvanized steel wire rope, supplied by Duro Dyne is manufactured to exacting standards and statistically tested to verify the breaking strength. Duro Dyne recommends only using wire rope supplied by Duro Dyne. The chart below outlines the specifications.

Rectangular Duct Hanging Table

<table>
<thead>
<tr>
<th>Maximum Half of Duct Perimeter</th>
<th>10 ft Spacing</th>
<th>8 ft Spacing</th>
<th>5 ft Spacing</th>
<th>4 ft Spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td>p/2 = 120”</td>
<td>3/32</td>
<td>3/32</td>
<td>3/32</td>
<td>3/32</td>
</tr>
</tbody>
</table>

Notes:
1. Tables are calculated using a normal duct construction and reinforcement weight as outlined in SMACNA Duct Construction Standards.
2. For special applications refer to specification table of working load limits.

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Duro Dyne West Division, Santa Fe Springs, CA 562-926-1774 Fax: 562-926-5778
Duro Dyne Canada, Lachine, Quebec, Canada 514-422-9760 Fax: 514-636-0328

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Duro Dyne Dyna-Tite CL12 Cable Lock Assembly Instructions and Warnings

**As a matter of sound engineering practice, the Dyna-Tite assembly must be located no closer than 12 inches to the suspension point. In the case of round duct, where the wire rope encircles the duct, the Dyna-Tite must be located the distance of one diameter from the duct wall.**

Adherence to these minimum clearances will distribute the load efficiently among all duct hanging components.

**WARNINGS**
Do not exceed the working load limits printed on the CL12 Cable Lock.
Do not use for overhead lifting.
Do not lubricate, paint or apply any coatings on the wire rope or the CL12 Cable Lock
Periodically Inspect the Cable Lock assembly. Replace upon any indications of wear, distortion or damage.
Use only wire rope supplied by Duro Dyne or manufactured to DuroDyne specifications.

**IMPORTANT: DYNA-TITE CABLE LOCK AND WIRE ROPE EACH HAVE WORKING LOAD LIMITS WHICH MAY NOT BE EQUAL. ALWAYS USE THE LOWER OF THE TWO WORKING LOAD LIMITS. WIRE ROPE IS NOT INCLUDED WITH DYNA-TITE CABLE LOCK.**

**Step 1**
Pull adjustment pin back and thread the wire rope through one of the locking wedge channels of the CL12, following the arrow.

**Step 2**
Pass the wire rope through (or around) the anchor point (Eyehook, Beam or Purlin)

**Step 3**
Pull adjustment pin back and following the arrow, thread the wire rope through the remaining locking wedge channel of the CL12. Push through at least six inches.

**Step 4**
Repeat steps 1 through 3 for the lower attachment point.

Prior to the load being applied, the wire rope can be adjusted in either direction.

With the load off the wire rope and the CL12 Cable Lock, push the release pin on the Cable Lock in the direction of the arrow. This will release the locking wedge and allow the wire rope to be moved freely in either direction. (After a load has been applied it may be necessary to pull the cable slightly to disengage the teeth on the wedge). Be sure the load is fully supported before attempting an adjustment.