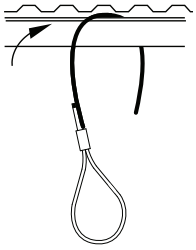
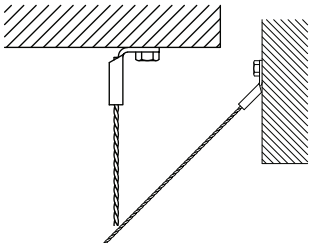
DURO DYNE® Dyna-Tite End Fixings Installation Instructions

Looped Cable Assembly



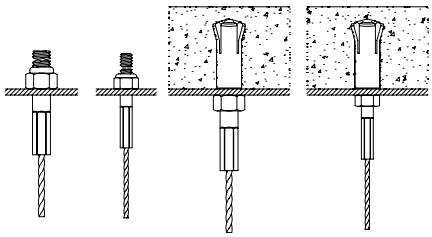
Step #1: Pass the end of the wire rope around the anchor point and through the cable loop.

Eyelets



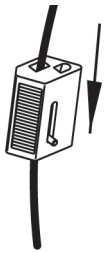
Step 1: Attach the wire rope to a convenient anchor point with appropriate fastener.

Swaged Dyna-Stud

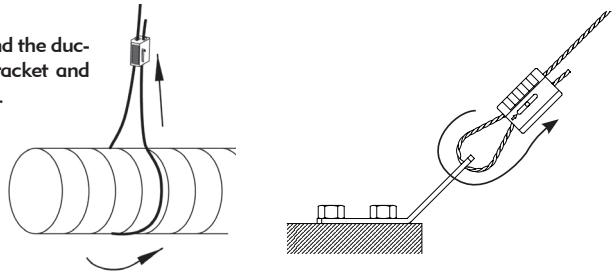


Step 1: Insert and tighten the Dyna-Stud into a threaded receptacle of the corresponding size. A locking jam nut is recommended to prevent the Dyna-Stud from turning. *If using Drop-In see instructions below.

Step 2: Using the appropriate cable lock (see the chart on back), pull adjustment pin back and pass the end of the wire rope through the Dyna-Tite Cable Lock.



Step 3: Loop the wire rope around the ductwork or through attachment bracket and back up through the Cable Lock.



ALWAYS CONFIRM ENGAGEMENT OF CABLE LOCK ON WIRE BEFORE APPLYING LOAD

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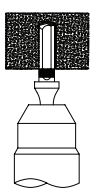
* When using Dyna-Stud Drop-In (sold separately):

CAUTION

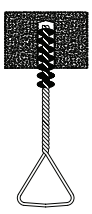
Before starting to drill the hole, it is important that eye and ear protection are used.

Step 1: Insert a carbide tip masonry bit into the hammer-drill chuck and tighten it in place. The depth of the hole to be drilled can easily be set by using the depth gauge on the drill or by wrapping the bit with tape at the required depth. Make sure that the hole depth will allow the anchor to be flush with the surface of the concrete.

Step 2: Make sure the hammer drill is in the hammer mode and start drilling your hole. Continue drilling until the tape on the bit or the drill gauge meets the base material - this means that the required depth has been reached.

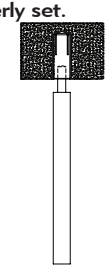


Step 3: Before proceeding with installation, the hole must be cleaned of all concrete dust to ensure proper fastening. Use a wire brush, a vacuum or compressed air to clean out the hole completely.



Step 4: Next, insert the drop-in anchor with the open side up. Drop the anchor into the hole. Tap lightly to get the anchor flush with the base material.

Step 5: Now, take the setting tool and insert it into the anchor. Strike the setting tool with a hammer until the lip of the anchor touches the lip of the setting tool. This will ensure the anchor is properly set.



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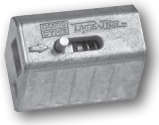
WORKING LOAD RANGE

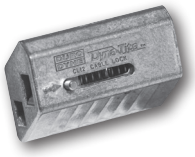
Duro Dyne Looped Cable Assembly, Eyelets, and Dyna-Studs are limited to the working load limit of the appropriate Dyna-Tite Cable Lock used with it. See charts below.



CL6-WC2

c UL us LISTED

Wire Rope	Safe Working Load Range at 5:1 Safety Factor
WC2-CL6	10-75 lbs. (5-34 kg)



CL12-WC3

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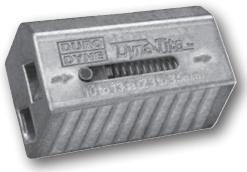
Wire Rope	Safe Working Load Range at 5:1 Safety Factor
WC3-CL12	25-150 lbs. (12-68 kg)



CL18-WC4

c UL us LISTED

Wire Rope	Safe Working Load Range at 5:1 Safety Factor
WC4-CI18	25-250 lbs. (12-114 kg)

IMPORTANT WARNINGS AND RECOMMENDATIONS

When installing Duro Dyne Dyna-Tite cable attachments to buildings or equipment careful consideration must be made to the attachment method and the material being attached to. It is the responsibility of the installer for the proper selection, installation and appropriateness of the attachment to the job specifications and any codes. Duro Dyne can give general guidance, but any questions regarding this should ultimately be directed to the project engineer of the job.

FOR STATIC LOAD APPLICATIONS ONLY!
ALWAYS CONFIRM ENGAGEMENT OF CABLE LOCK ON WIRE BEFORE APPLYING THE LOAD: By pushing the adjustment pin in the opposite direction of the arrows on the cable lock and then pulling the cable also in the opposite direction of the arrows on the cable lock.
PULL ADJUSTMENT PIN BACK AND PASS WIRE ROPE THROUGH DYNA-TITE CABLE LOCK: Failure to pull adjustment pin first may cause damage to serrated teeth and reduce holding capacity.
TO ENSURE HANGING SYSTEM INTEGRITY AND SAFETY: Use only Duro Dyne wire rope.
DO NOT EXCEED THE WORKING LOAD LIMIT (WLL) OF THE CABLE LOCK: Each product is load rated and incorporates a minimum safety factor of 5:1. This WLL takes into account the specification criteria of the Dyna-Tite Cable Lock and the wire rope.
DO NOT USE ON COATED WIRE ROPE: It is important to maintain the metal to metal contact between the locking pawls in the Dyna-Tite and the wire rope.
DO NOT APPLY PAINT OR OTHER COATING: to any part of the assembly as these may impair the free movement of the locking pawls inside the Dyna-Tite Cable Lock.
DO NOT APPLY LUBRICANT: to any part of the assembly as this will alter the surface nature of the wire rope and attract dirt and debris.
DO NOT USE FOR LIFTING: (Under Hook slings) This product is designed for static load applications only.
KEEP THE PRODUCT CLEAN AND FREE FROM DIRT: Any dirt should be removed from the product prior to assembly.
INSPECT PERIODICALLY: Upon inspection, discard and replace if worn, distorted, or damaged.
REMOVE DAMAGED WIRE ENDS: Using a designated pair of wire rope cutters prior to inserting into the Dyna-Tite Cable Lock.
FOR DRY LOCATIONS ONLY
DO NOT USE IN CHLORINATED ATMOSPHERES SUCH AS POOLS AND NATATORIUM
GYMNASIUM INSTALLS MUST BE USING LOCKING CABLE LOCKS ONLY

TO ENSURE THE INTEGRITY OF ANY DYNA-TITE CABLE LOCK SYSTEM OR ACCESSORY, USE ONLY CABLE LOCKS AND WIRE ROPE SUPPLIED BY DURO DYNE.

THE PRODUCTS ARE PROVIDED ON AN "AS IS" BASIS; THERE SHALL BE NO EXPRESS OR IMPLIED WARRANTY, INCLUDING WITHOUT LIMITATION, WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SUPPLIER SHALL NOT UNDER ANY CIRCUMSTANCES, BE LIABLE FOR INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES OR LOST PROFITS.

DO NOT EXCEED THE SAFE WORKING LOAD RANGE OF THE PRODUCT

DURO DYNE®

12/27/18

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