

## ORDERING INFORMATION

Part Number	Wire Rope Dimensions		Maximum Working Load	Bag Qty.	Bag Wgt.
	Diameter	Length			
SLD2L1	0.079" (2mm)	3.3 ft (1m)	100 lbs	10	2.00 lbs
SLD2L2	0.079" (2mm)	6.6 ft (2m)	100 lbs	10	2.33 lbs
SLD2L3	0.079" (2mm)	9.9 ft (3m)	100 lbs	10	2.66 lbs
SLD2L5	0.079" (2mm)	16.4 ft (5m)	100 lbs	10	3.30 lbs
SLD2L10	0.079" (2mm)	32.8 ft (10m)	100 lbs	5	2.46 lbs
SLD3L1	0.118" (3mm)	3.3 ft (1m)	200 lbs	10	2.42 lbs
SLD3L2	0.118" (3mm)	6.6 ft (2m)	200 lbs	10	3.17 lbs
SLD3L3	0.118" (3mm)	9.9 ft (3m)	200 lbs	10	3.92 lbs
SLD3L5	0.118" (3mm)	16.4 ft (5m)	200 lbs	10	5.42 lbs
SLD3L10	0.118" (3mm)	32.8 ft (10m)	200 lbs	5	4.58 lbs
SLWC-Cable Cutter					
DIN 4102-2 Fire rating achieved: F30-A @ 30% design load					
Safety Factor: 5-to-1					

Sold individually or by the bag



Aircraft Cable Cutter  
SLWC

## DESCRIPTION AND FEATURES

The Universal Support System is a stand-alone hanging system that supports a wide variety of applications. The system comprises a galvanized steel aircraft cable with integral, self-locking hook and a patented locking device that allows quick installation and release for adjustment or removal. The system is available in 2mm and 3mm cable sizes, which support 100lb. and 200lb. loads respectively. Both have a 5-to-1 safety factor.

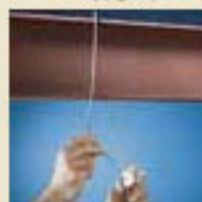
### Basic Installation



Thread locking device onto cable



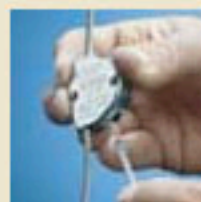
Fasten cable to beam with clamp



Or wrap cable around beam



Wrap cable around Spiral duct



Thread cable back through locking device



Release cable with unlocking tool or small screwdriver

### Features

- Reduces installation time
- Quickly installs as a stand-alone hanging system for fast installation without drilling into the building structure
- Features galvanized steel construction of the cable, locking device and hook, providing superior fire resistant performance
- Reduces inventory, storage space and shipping costs with its small, lightweight design
- Increases installation versatility - easily hang objects at a variety of angles, even from sloped ceilings
- Allows easy adjustments of supported objects during and after installation with a unique locking device
- Minimizes vibration and system wear and tear with strong, yet flexible cable
- Improves the aesthetics of your installations with its sleek design



Cut-away of one side of locking device

**RELEASING & LOAD ADJUSTMENT****How to Release**

1. Insert standard screwdriver or the UNIVERSAL SUPPORT release tool on the same side that the cable was inserted through. This will release the catch.
2. Hold the screwdriver or release tool in place and pull the cable out of locking device.

**How to Adjust the Load Downward**

1. Support the load independent of the UNIVERSAL LINK.
2. Insert standard screwdriver or the UNIVERSAL SUPPORT release tool on the same side that the cable was inserted through. This will release the catch.
3. Hold the screwdriver or release tool in place and pull the cable to adjust the supported object to the desired position.

**LENGTH CALCULATIONS****• Round duct  $DD/8 + DL/3 = L$** 

Example: 8" duct suspended 6 feet from ceiling to the locking device = 3m long

**• Rectangular duct  $(W + H)/13 + DL/3 = L$** 

Example: 16" wide and 10" high duct suspended 9 feet from the ceiling to the ceiling to the locking device.

If UNIVERSAL LINK is looped around the beam, bar joist, etc. (hook clipped to wire), add  $HB/9$  (results is in meters) to the above length.

Example: If UNIVERSAL LINK is looped around an 18" bar joist, 2 meters have to be added.

DD = Duct diameter (in inches)

W = Width of Duct (in inches)

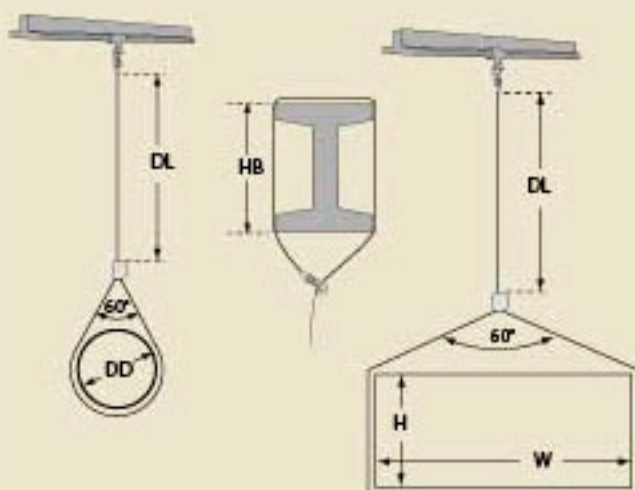
H = Height of Duct (in inches)

HB = Height of Beam, Bar Joist, etc. (in inches)

DL = Drop length (in feet)

L = UNIVERSAL LINK length (meter, round up)

These calculations will provide rough guidelines and need to be rounded up to the next full meter length.

**Warning**

ERICO products shall be installed and used only as indicated in ERICO's product instruction sheets and training materials. Instruction sheets are available at [www.erico.com](http://www.erico.com) and from your ERICO customer service representative Spiral Manufacturing Co., Inc. Improper installation, misuse, misapplication or other failure to completely follow ERICO's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death.

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