

SUBMITTAL RECORD
 JOB _____
 LOCATION _____
 SUBMITTED TO _____
 SUBMITTAL PREPARED BY _____
 APPROVED BY _____
 DATE _____



Submittal Form
SKL100, SKL150, SKL200, SKL600
Security Kwik-Locs and Wire Rope



DESCRIPTION:

Security Kwik-Locs, like standard Kwik-Locs, are to be used on static load applications only. However, Security Kwik-Locs offer more reliability in instances where your static load may become dynamic by flying objects, unexpected movement or striking. The locking bolts on the Security Kwik-Loc hold the inside locking wedge in place and disable the release pin feature until the locking bolt is manually loosened.

SUGGESTED SPECIFICATION:

All equipment shall be supported using wire rope cable terminated by Security Kwik-Locs . All Security Kwik-Locs shall have a safe working load of at least 4 times the published Working Load Limit (W.L.L.). All wire rope shall have a breaking strength of at least 4 times the safe working load of the Security Kwik-Loc. Wire ropes shall be of the size and spaced per manufacturers printed specifications. Wire Rope and Security Kwik-Locs shall be as supplied by Rize Enterprises.

SPECIFICATION DATA

- 1) All wire rope supplied by Rize is statistically tested to minimum breaking strength.
- 2) All Working Load Ratings of Rize Security Kwik-Locs manufactured by Rize have been witnessed and verified by Independent Testing Labs.
- 3) Rize Security Kwik-Locs may be used in temperatures up to 300 degrees F.
- 4) Rize Security Kwik-Loc wedges are constructed of corrosion resistant sintered steel.
- 5) Rize Security Kwik-Loc springs are constructed of tempered stainless steel.

Item #	Code	Typical Applications	Wire Rope Diameter	Safe Working Load at 5:1 Safety Factor
30335	SKL100	Fluorescent Lights, Speakers, Busbar, Cable Tray	WC3	25-150 lbs. (12-100 kg)
30336	SKL150	Heavy Cable Basket, HID Lights	WC4	25-225 lbs. (12-120 kg)
30337	SKL200	Sound Systems, Heavy Cable Trays	WC6	50-640 lbs. (25-180 kg)
30045	SKL600	Services, Strut	WC8	50-1,100 lbs. (25-500 kg)

For the effects of hanging at angles, please see reverse side.

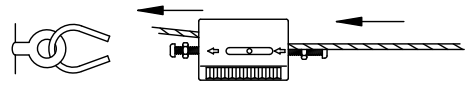
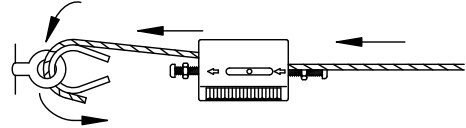
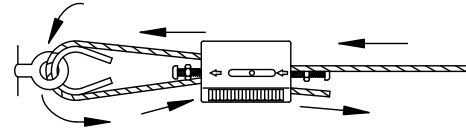
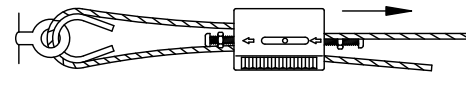
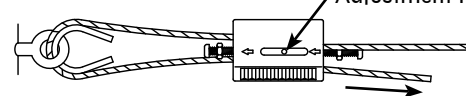
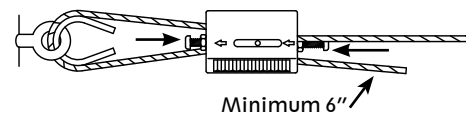
CABLE BREAKING STRENGTH

CABLE DIAMETER	TOLERANCE	CONSTRUCTION	MATERIAL	BREAKING STRENGTH
WC3	+.012/-0.006 inch	7x7	Galvanized Steel	920 lbs.
WC4	+.014/-0.007 inch	7x7	Galvanized Steel	1700 lbs.
WC6	+.018/-0.009 inch	7x19	Galvanized Steel	4200 lbs
WC8	+5%/-0%	7x19	Galvanized Steel	5500 lbs

Rize Enterprises, LLC
 PO Box 1311 Brentwood, NY 11717
 Tel: 631-930-7532 Fax: 631-249-8976
 www.rizellc.com

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 ENTERPRISES, LLC
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Rize Security Kwik-Loc Assembly Instructions and Warnings

	<p>PULL ADJUSTMENT PIN BACK AND PASS WIRE THROUGH KWIK-LOC™ (MAY NEED TO LOOSEN THE SCREWS TO PULL THE PIN BACK)</p>
	<p>LOOP WIRE THROUGH ANCHOR</p>
	<p>PULL ADJUSTMENT PIN BACK AND PASS WIRE BACK THROUGH KWIK-LOC™ (MAY NEED TO LOOSEN THE SCREWS TO PULL THE PIN BACK)</p>
	<p>ALWAYS CONFIRM ENGAGEMENT OF KWIK-LOC™ PAWL ON WIRE BEFORE APPLYING LOAD (This is best accomplished 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.)</p>
 <p>Adjustment Pin</p>	<p>TO ADJUST, TAKE THE LOAD OFF AND PULL THE TAIL SLIGHTLY TO DISENGAGE TEETH, THEN RELEASE USING ADJUSTMENT PIN</p>
 <p>Minimum 6"</p>	<p>AFTER FINAL ADJUSTMENT, <i>HAND TIGHTEN</i> THE SCREWS AND SECURE WITH THE HEX NUT. OVER TIGHTENING THE SCREWS CAN DAMAGE THE CABLE AND RESULT IN A PREMATURE FAILURE.</p>

As a matter of sound engineering practice, the Security Kwik-Loc assembly must be located no closer than 12 inches to the suspension point. Adherence to these minimum clearances will distribute the load efficiently among all equipment components.

EFFECTS OF HANGING AT ANGLES ON SAFE WORKING LOADS

Size	Vertical	15°	30°	45°	60°
WC8 Cable	1,100 lbs	1,060 lbs	950 lbs	775 lbs	550 lbs
WC6 Cable	640 lbs	625 lbs	559 lbs	455 lbs	325 lbs
WC4 Cable	250 lbs	240 lbs	215 lbs	175 lbs	125 lbs
WC3 Cable	150 lbs	144 lbs	129 lbs	105 lbs	75 lbs
Load	100%	96%	86%	70%	50%

WARNINGS

- TO ENSURE HANGING SYSTEM INTEGRITY AND SAFETY: USE ONLY RIZE WIRE ROPE
- PULL ADJUSTMENT PIN BACK AND PASS WIRE ROPE THROUGH RIZE CABLE LOCK. FAILURE TO PULL ADJUSTMENT PIN FIRST MAY CAUSE DAMAGE TO SERRATED TEETH AND REDUCE HOLDING CAPACITY.
- ALWAYS CONFIRM ENGAGEMENT OF THE KWIK-LOC ON THE WIRE BEFORE APPLY 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.
- DO NOT USE FOR LOADS OUTSIDE THE STATED RANGE OF THE PRODUCT
- DO NOT EXCEED THE SAFE WORKING LOAD OF THE PRODUCT
- DO NOT USE ON COATED CABLE
- DO NOT APPLY PAINT OR OTHER COATING
- DO NOT APPLY LUBRICANT
- DO NOT USE FOR LIFTING
- KEEP THE PRODUCT CLEAN AND FREE FROM DIRT
- REMOVE DAMAGED CABLE END PRIOR TO INSERTING INTO THE KWIK-LOC
- DO NOT USE IN CHLORINATED ATMOSPHERES
- FOR DRY LOCATIONS ONLY
- FOR USE ON STATIC LOAD APPLICATIONS ONLY