

REV.	DESCRIPTION	DATE	BY

**READ INSTRUCTIONS IN THEIR ENTIRETY BEFORE BEGINNING.**

1. TO OPEN TOOL, SQUEEZE HANDLES HARD OR PUSH RELEASE LEVER (FIGURE 1) FORWARD WHILE SQUEEZING HANDLES TO RELIEVE TENSION. FIRST IDENTIFY THE CABLE SIZE AND SELECT THE PROPER SIZE SLEEVE. PLACE THE SLEEVE ON THE CABLE AND MAKE A LOOP AROUND THE ITEM TO WHICH YOU ARE SECURING THE CABLE. NEXT, INSERT CABLE END THROUGH THE SLEEVE AND AT LEAST 1/8" OR MORE BEYOND (FIGURE 4). AFTER SWAGING, EXCESS CABLE MAY BE CUT OFF WITH C7 CUTTERS. THEN SELECT PROPER SIZE CAVITY. FOR SIZE 12 CABLE USE THE 3/32" CAVITY. WHILE HOLDING SLEEVE IN PLACE SWAGE 1/2 OF SLEEVE, OR ONE COMPRESSION. MOVE OVER AND SWAGE REMAINDER (SECOND COMPRESSION). TWO COMPRESSIONS ARE REQUIRED. THE TOOL WILL NOT RELEASE UNTIL COMPRESSION IS COMPLETE. CHECK SLEEVE FOR PROPER AFTER SWAGE DIAMETER WITH GAUGE PROVIDED. THE CLAMPING ACTION OF THE RATCHET ALLOWS THE SLEEVE TO BE HELD BY THE TOOL BEFORE COMPLETING THE SWAGE. THIS ALLOWS FOR USER TO ADJUST POSITION OF SLEEVE ON THE CABLE. IF TOOL ADJUSTMENT IS REQUIRED READ SWAGER MAINTENANCE AND ADJUSTMENT PROVIDED WITH YOUR TOOL.
2. PLACE SLEEVE TO BE COMPRESSED IN PROPER CAVITY OF SWAGING TOOL. LENGTH OF CABLE EQUAL TO THE CABLE DIAMETER SHOULD EXTEND BEYOND LENGTH OF SLEEVE TO ACHIEVE MAXIMUM HOLDING. (SEE ARROW IN FIGURE 4).

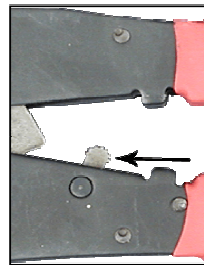


FIGURE 1

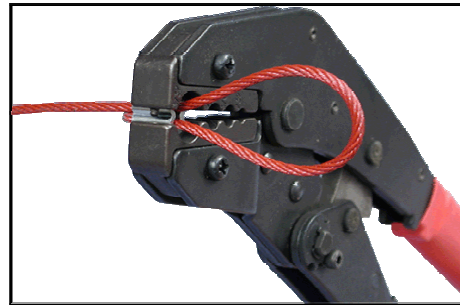


FIGURE 2

3. KEEP JAWS OF SWAGING TOOL AT RIGHT ANGLES TO THE SLEEVE TO BE COMPRESSED, MAKING SURE THE SLEEVE IS ALIGNED IN THE JAW CAVITY AS SHOWN IN FIGURE 3. CLOSE TOOL COMPLETELY OR USE THE CLAMPING ACTION OF THE RATCHET TO ALLOW THE SLEEVE TO BE HELD BY THE TOOL BEFORE COMPETING THE SWAGE. THIS ALLOWS THE USER TO ADJUST POSITION OF THE SLEEVE ON THE CABLE. TOOL HANDLES WILL NOT OPEN UNTIL THE HANDLES CLOSE COMPLETELY.
4. FINISHED SLEEVE IS SHOWN IN FIGURE 4. ENSURE SLEEVES HAVE BEEN COMPRESSED THE TWO TIMES.
5. USE SWAGING GAUGE PROVIDED WITH THE TOOL TO CHECK PROPER AFTER-SWAGE DIAMETER AS SHOWN IN FIGURE 5. COMPRESSED SLEEVE SHOULD SLIDE FREELY INTO SIZE SLOT OF GAUGE.



FIGURE 3

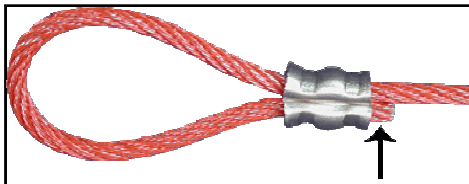


FIGURE 4

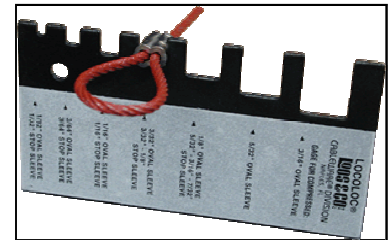


FIGURE 5

**IMPORTANT NOTE: THIS SWAGER IS NOT TO BE USED FOR STOP SLEEVES.**



OTHER MATERIALS, COMPOUNDS, OR FINISHES WITH EQUAL OR SUPERIOR PROPERTIES MAY BE SUBSTITUTED AS THEY BECOME AVAILABLE.

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LOOS BULK AND TOOLS



**THE VMC GROUP**  
 The Power of Together  
 Bloomingdale, NJ 07403  
 Houston, TX 77041

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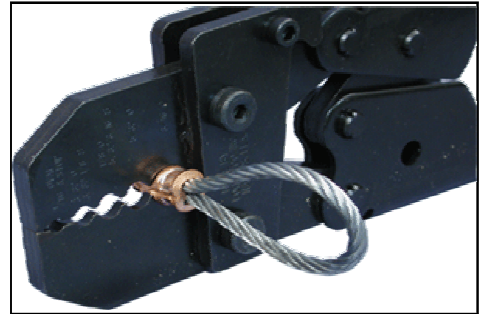
REV.	DESCRIPTION	DATE	BY

**READ INSTRUCTIONS IN THEIR ENTIRETY BEFORE BEGINNING.**

1. CUT CABLE CLEANLY WITHOUT FRAYED ENDS. WE HIGHLY RECOMMEND NO. C-7 OR C-9 CABLE CUTTERS. SLEEVES ELONGATE AFTER COMPRESSION. TO ENSURE MAXIMUM HOLDING, ALLOW THE END OF THE CABLE TO EXTEND BEYOND THE SLEEVE AFTER IT IS COMPRESSED (SEE FIGURE 3). KEEP THE JAWS OF THE SWAGER AT RIGHT ANGLES TO THE SLEEVE BEING COMPRESSED, MAKING SURE THE SLEEVE IS ALIGNED IN THE JAW GROOVES. CLOSE THE HANDLES OF THE SWAGER COMPLETELY. **PROPER SWAGER AND SLEEVE COMBINATIONS MUST BE USED TO MAINTAIN MINIMUM BREAKING STRENGTHS.** SIZE 12 SLEEVES MUST BE COMPRESSED 2 TIMES USING THE 3/32" OPENING. SIZE 18 SLEEVES MUST BE COMPRESSED 2 TIMES USING THE 1/8" OPENING. SIZE 36 SLEEVES MUST BE COMPRESSED 3 TIMES USING THE 3/16" OPENING. ALL COMPRESSIONS MUST BE GAUGED TO ASSURE MAXIMUM HOLDING STRENGTH, AND IT IS RECOMMENDED THAT ALL ASSEMBLIES BE PROOF-TESTED. IF TOOL ADJUSTMENT IS REQUIRED READ SWAGER MAINTENANCE AND ADJUSTMENT PROVIDED WITH YOUR TOOL.
2. PLACE SLEEVE TO BE COMPRESSED IN PROPER SIZE GROOVE IN SWAGING TOOL AS SHOWN IN FIGURE 1. LENGTH OF CABLE EQUAL TO THE CABLE DIAMETER SHOULD EXTEND BEYOND LENGTH OF SLEEVE TO ACHIEVE MAXIMUM HOLDING. (SEE ARROW IN FIGURE 3).

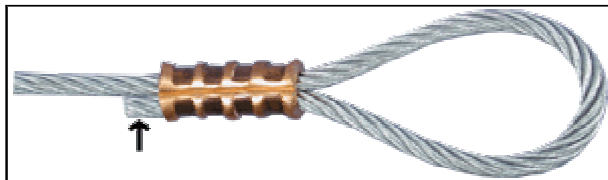


**FIGURE 1**

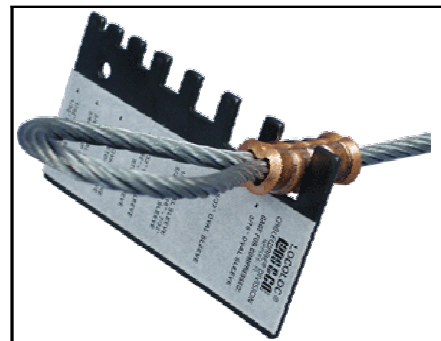


**FIGURE 2**

3. KEEP JAWS OF SWAGING TOOL AT RIGHT ANGLES TO THE SLEEVE TO BE COMPRESSED, MAKING SURE THE SLEEVE IS ALIGNED IN THE JAW GROOVES AS SHOWN IN FIGURE 2. CLOSE TOOL COMPLETELY. TOOL HANDLES SHOULD SNAP SHUT INDICATING COMPLETE CLOSURE.
4. FINISHED SLEEVE IS SHOWN IN FIGURE 3. ENSURE SLEEVES HAVE BEEN COMPRESSED THE PROPER NUMBER OF TIMES. (SIZE 12 = 2 TIMES, SIZE 18 = 2 TIMES, SIZE 36 = 3 TIMES).
5. USE SWAGING GAUGE PROVIDED WITH THE TOOL TO CHECK PROPER AFTER-SWAGE DIAMETER (SEE FIGURE 4). COMPRESSED SLEEVE SHOULD SLIDE FREELY INTO SIZE SLOT OF GAUGE.



**FIGURE 3**



**FIGURE 4**



OTHER MATERIALS, COMPOUNDS, OR FINISHES WITH EQUAL OR SUPERIOR PROPERTIES MAY BE SUBSTITUTED AS THEY BECOME AVAILABLE.

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2. PLACE SLEEVE TO BE COMPRESSED IN THE 1/4" GROOVE IN SWAGING TOOL AS SHOWN IN FIGURE 1. LENGTH OF CABLE EQUAL TO THE CABLE DIAMETER SHOULD EXTEND BEYOND LENGTH OF SLEEVE TO ACHIEVE MAXIMUM HOLDING. (SEE ARROW IN FIGURE 3).

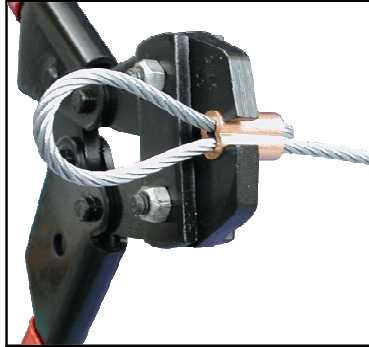


FIGURE 1

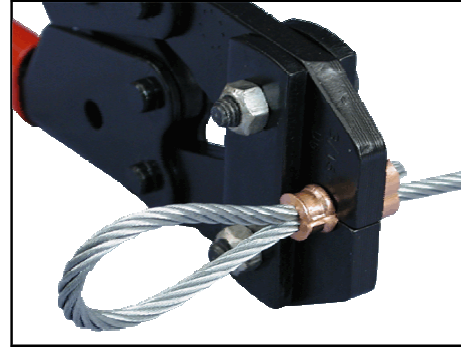


FIGURE 2

3. KEEP JAWS OF SWAGING TOOL AT RIGHT ANGLES TO THE SLEEVE TO BE COMPRESSED, MAKING SURE THE SLEEVE IS ALIGNED IN THE JAW GROOVES AS SHOWN IN FIGURE 2. CLOSE TOOL COMPLETELY. TOOL HANDLES SHOULD SNAP SHUT INDICATING COMPLETE CLOSURE.
4. FINISHED SLEEVE IS SHOWN IN FIGURE 3. ENSURE SLEEVES HAVE BEEN COMPRESSED THE PROPER NUMBER OF TIMES. (SIZE 48 = 3 TIMES).
5. USE SWAGING GAUGE PROVIDED WITH THE TOOL TO CHECK PROPER AFTER-SWAGE DIAMETER (SEE FIGURE 4). COMPRESSED SLEEVE SHOULD SLIDE FREELY INTO SIZE SLOT OF GAUGE.

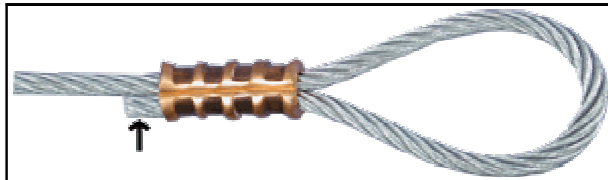


FIGURE 3

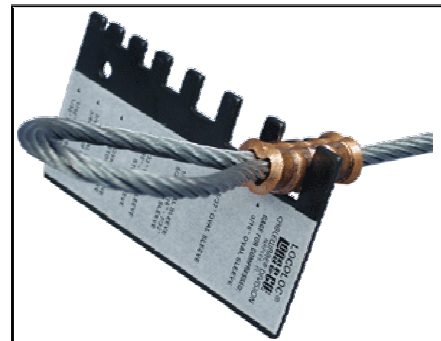


FIGURE 4



OTHER MATERIALS, COMPOUNDS, OR FINISHES WITH EQUAL OR SUPERIOR PROPERTIES MAY BE SUBSTITUTED AS THEY BECOME AVAILABLE.

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LOOS BULK AND TOOLS



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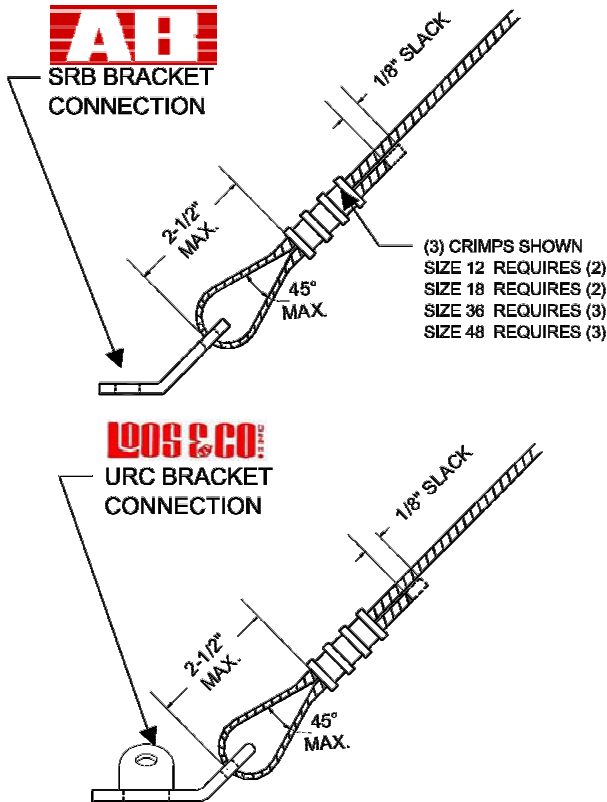


**LOOS & COMPANY, INC.**  
 901 INDUSTRIAL BLVD., NAPLES, FL 34104  
**CERTIFICATE OF MINIMUM BREAKING STRENGTH**

THE PRE-STRETCHED SEISMIC WIRE ROPE/CABLE® BRACING ASSEMBLIES MANUFACTURED BY LOOS & CO., INC. FOR AMBER/BOOTH CO. {CONSISTING OF THE SEISMIC WIRE ROPE/CABLE AND PERMANENT END FITTINGS (IF ANY) WHICH ARE FACTORY ATTACHED THERETO AND ACCOMPANYING FIELD CONNECTION OVAL SLEEVES} ARE HEREBY CERTIFIED TO PROVIDE THE FOLLOWING MINIMUM BREAKING STRENGTHS WHEN PROPERLY INSTALLED AS DESCRIBED HEREIN:



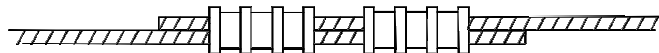
BRACE SIZE	COLOR CODE	CERTIFIED MINIMUM BREAKING STRENGTH	
		(LBS)	(KG)
12	RED	900	408.2
18	WHITE	1650	748.3
36	BLUE	4000	1814.1
48	YELLOW	6600	2993.7



**INSTRUCTIONS**

- 1) SLIDE OVAL SLEEVE ONTO CABLE
- 2) INSERT CABLE THROUGH HOLE IN BRACKET
- 3) PASS CABLE BACK THROUGH OVAL SLEEVE AND PULL THE CABLE HAND TIGHT. BACK OUT 1/8" SLACK. (DO NOT SUPPORT DEAD WEIGHT)
- 4) CRIMP OVAL SLEEVE AS FOLLOWS:
  - A) CRIMP ALL SIZE 12 OVAL SLEEVES 2 TIMES. USE LOOS MODEL # 1-3-SBHS (SEE II-6017) OR # 1-SBHS (SEE II-6018) HAND SWAGER.
  - B) CRIMP ALL SIZE 18 OVAL SLEEVES 2 TIMES. USE LOOS MODEL # 1-SBHS HAND SWAGER. SEE II-6018 FOR INSTALLATION INSTRUCTIONS
  - C) CRIMP ALL SIZE 36 OVAL SLEEVES 3 TIMES. USE LOOS MODEL # 1-SBHS HAND SWAGER. SEE II-6018 FOR INSTALLATION INSTRUCTIONS
  - D) CRIMP ALL SIZE 48 OVAL SLEEVES 3 TIMES. USE LOOS MODEL # 0-1/4 HAND SWAGER. SEE II-6019 FOR INSTALLATION INSTRUCTIONS
- 5) CHECK SLEEVE FOR PROPER CRIMP AFTER SWAGING. SLIDE CRIMP GAUGE (SUPPLIED WITH LOOS SWAGER) OVER CRIMPED SLEEVE. IT MUST SLIDE EASILY. IF IT DOES NOT, ADJUST TOOL AND RE-SWAGE.

**FIELD CONNECTION FOR EXTENDING BRACE LENGTH**



- 1) SLIDE TWO OVAL SLEEVES ONTO OVERLAPPING CABLES
- 2) CRIMP OVAL SLEEVES ACCORDING TO CRIMPING INSTRUCTIONS ABOVE

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