223R–103788	REV.:2	1/14/20

REV.	DESCRIPTION	DATE	BY

READ INSTRUCTIONS IN THEIR ENTIRETY BEFORE BEGINNING

1. To open tool, squeeze handles hard or push release lever (Figure 1) 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" beyond (FIGURE 4). After swaging, excess cable may be cut off using C7 cutters. This tool swages only the GOLD-colored cable and matching sleeve. While holding sleeve in place, swage 1/2 of sleeve, or one compression. Move the tool and swage remainder (second compression). Two compressions are required. This tool will not release until compression is complete. Check sleeve for proper "after swage" diam eter with the gauge provided. The clamping action of the ratchet allows the sleeve to be held by the tool before completing the swage. This allows the user to adjust the position of the 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 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).

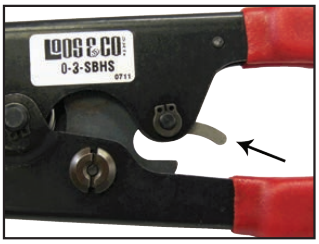

FIGURE 1

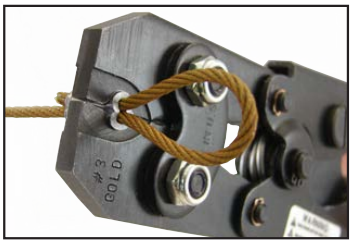

FIGURE 2

3. Keep the 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 com pleting 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 gauge provided with the tool to check proper after-swage diameter (Figure 5). Com pressed sleeve should slide freely into proper slot of gauge (GO=Gold, OR=Orange, GR=Green, BL=Black).

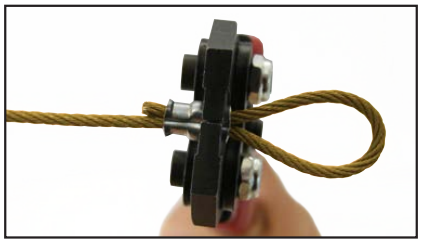

FIGURE 3

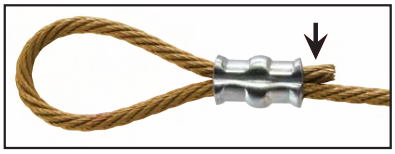

FIGURE 4

FIGURE 5

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

LOOS & CO. INC.

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

CERTIFIED FOR:

JOB NAME:_____

CUSTOMER :_____

CUSTOMER P.O.:_____

SALES ORDER:_____

LOOS BULK AND TOOLS

VMC GROUP
THE POWER OF TOGETHER
Bloomingdale, NJ 07403
Houston, TX 77041

SCALE :	
NONE	
SHEET:	
1 OF 4	
DRAWING NO.:	REVISION

Member VISCMA

REV.	DESCRIPTION	DATE	BY

READ INSTRUCTIONS IN THEIR ENTIRETY BEFORE BEGINNING

1. Cut cable cleanly without the frayed ends. We highly recommend C7 or C9 cable cutters. Sleeves elongate after compression. To ensure maximum holding, allow the ends of the cable to extend beyond the sleeve after it is compressed (see figure 3). Keep the jaws of the swager at a right angle to the sleeve being compressed, making sure the sleeve is aligned in the jaw grooves. Close the handles of the swager completely. **Proper swaging and sleeve combinations must be used to maintain minimum breaking strengths.** Size 3 sleeves must be compressed 2 times, using the cavity identified in gold. Size 4 sleeves must be compressed 2 times, using the cavity identified in orange. Size 6 sleeves must be compressed 3 times, using cavity identified in green. 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 colored groove in swaging tool as shown in Figure 1. Length of cable equal to the cable diameter should extend beyond the sleeve to achieve maximum holding (see arrow in Figure 3).

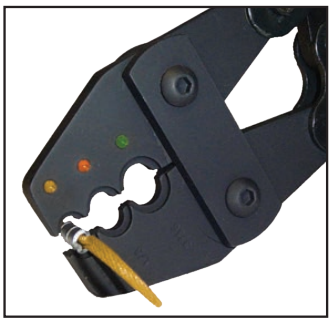

FIGURE 1

FIGURE 2

3. Keep jaws of swaging tool at a right angle 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 swage.

4. Finished sleeve is shown in Figure 3. Ensure sleeves have been compressed the proper number of times. (Twice for sizes 3 and 4; three times for size 6).

5. Use swaging gauge provided with the tool to check proper after-swage diameter (Figure 4). Compressed sleeve should slide freely into proper slot of gauge (GO=Gold, OR=Orange, GR=Green, BL=Black).

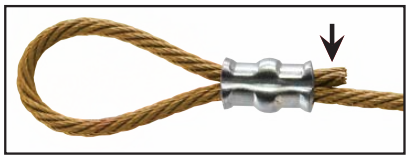

FIGURE 3

FIGURE 4

LOOS & CO. INC

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

VMC GROUP
THE POWER OF TOGETHER
Bloomingdale, NJ 07403
Houston, TX 77041

SCALE : NONE

SHEET: 2 OF 4

Member VISCMA

DRAWING NO.:

REVISION

READ INSTRUCTIONS IN THEIR ENTIRETY BEFORE BEGINNING

1. Cut cable cleanly without the frayed ends. We highly recommend C7 or C9 cable cutters. Sleeves elongate after compression. To ensure maximum holding, allow the ends of the cable to extend beyond the sleeve after it is compressed (see figure 3). Keep the jaws of the swager at a right angle to the sleeve being compressed, making sure the sleeve is aligned in the jaw grooves. Close the handles of the swager completely. **Proper swaging and sleeve combinations must be used to maintain minimum breaking strengths.** Size 8 sleeves must be compressed 3 times, using the #0-1/4 swaging tool. 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 the 1/4" groove in swaging tool as shown in Figure 1. Length of cable equal to the cable diameter should extend beyond the sleeve to achieve maximum holding (see arrow in Figure 3).

FIGURE 1

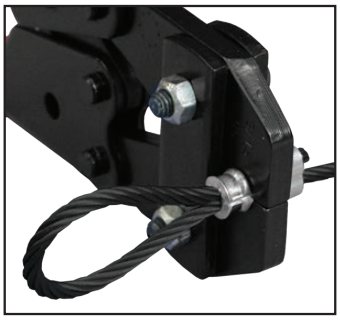

FIGURE 2

3. Keep jaws of swaging tool at a right angle 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 swage.

4. Finished sleeve is shown in Figure 3. Ensure sleeves have been compressed the proper number of times. (Size 8 = 3 times).

5. Use swaging gauge provided with the tool to check proper after-swage diameter (Figure 4). Compressed sleeve should slide freely into proper slot of gauge.

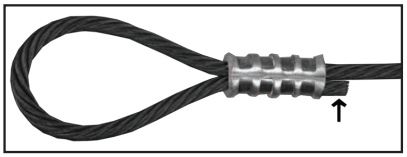

FIGURE 3

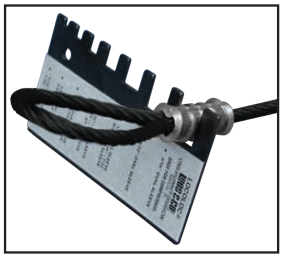

FIGURE 4

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

CERTIFIED FOR:

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CUSTOMER :_____

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SALES ORDER:_____

LOOS BULK AND TOOLS

VMC GROUP
THE POWER OF TOGETHER
Bloomingdale, NJ 07403
Houston, TX 77041

SCALE : NONE

SHEET: 3 OF 4

DRAWING NO.:

REVISION

Member VISCMA

223R–103788	REV.:2	1/14/20

REV.	DESCRIPTION	DATE	BY

LOOS & COMPANY, INC.

901 INDUSTRIAL BLVD., NAPLES, FL 34104

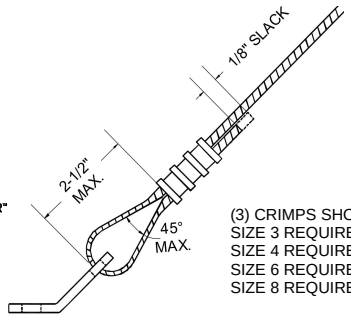
CERTIFICATE OF MINIMUM BREAKING STRENGTH

THE PRE-STRETCHED SEISMIC 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:

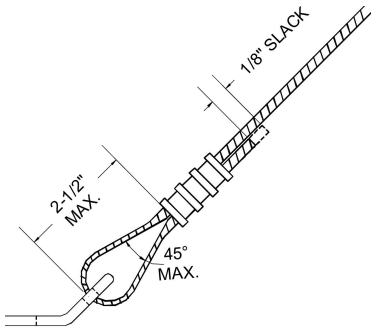
BRACE SIZE	COLOR CODE	CERTIFIED MINIMUM BREAKING STRENGTH (LBS)	(KG)
3	GOLD	900	408.2
4	ORANGE	1650	748.3
6	GREEN	4000	1814.1
8	BLACK	6600	2993.7

VMC GROUP
THE POWER OF TOGETHER

SRB BRACKET CONNECTION



(3) CRIMPS SHOWN
SIZE 3 REQUIRES (2)
SIZE 4 REQUIRES (2)
SIZE 6 REQUIRES (3)
SIZE 8 REQUIRES (3)



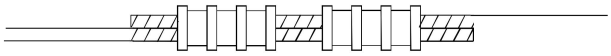
LOOS & CO. CABLEWARE® DIVISION

SAF BRACKET CONNECTION

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 3 OVAL SLEEVES 2 TIMES. USE LOOS MODEL #0-3-SBHS (SEE 11-6017) OR#3-346SB (SEE 11-6018) HAND SWAGER.
   B) CRIMP ALL SIZE 4 OVAL SLEEVES 2 TIMES. USE LOOS MODEL#3-346SB HAND SWAGER. SEE11-6018 FOR INSTALLATION INSTRUCTIONS
   C) CRIMP ALL SIZE 6 OVAL SLEEVES 3 TIMES. USE LOOS MODEL#3-346SB HAND SWAGER. SEE11-6018 FOR INSTALLATION INSTRUCTIONS
   D) CRIMP ALL SIZE 8 OVAL SLEEVES 3 TIMES. USE LOOS MODEL# 0-1/4 HAND SWAGER. SEE11-6019 FOR INSTALLATION INSTRUCTIONS NOTE: THE USE OF A LOOS HAND SWAGER TO CRIMP OVAL SLEEVES IS REQUIRED TO MAINTAIN BREAK STRENGTHS
5) CHECK SLEEVE FOR PROPER CRIMP AFTER SWAGING. SLIDE CRIMP GAUGE (SUPPLIEDWITH LOOS SWAGER) OVER CRIMPED SLEEVE. IT MUST SLIDE EASILY. IF IT DOES NOT, ADJUST TOOL AND RE-S WAGE.

FIELD CONNECTION FOR EXTENDING BRACE LENGTH



1) SLIDE TWO OVAL SLEEVES ONTO OVERLAPPING CABLES

2) CRIMP OVAL SLEEVES ACCORDING TO CRIMPING INSTRUCTIONS ABOVE

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

CERTIFIED FOR:

JOB NAME:_____

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CUSTOMER P.O.:_____

SALES ORDER:_____

LOOS BULK AND TOOLS

VMC GROUP
THE POWER OF TOGETHER
Bloomingdale, NJ 07403
Houston, TX 77041

SCALE : NONE

SHEET: 4 OF 4

Member VISCMA

DRAWING NO.:

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