

INSTALLATION INSTRUCTIONS FOR CABLE TO MOLE WHEN USED WITH RUBBER INSULATED CABLE

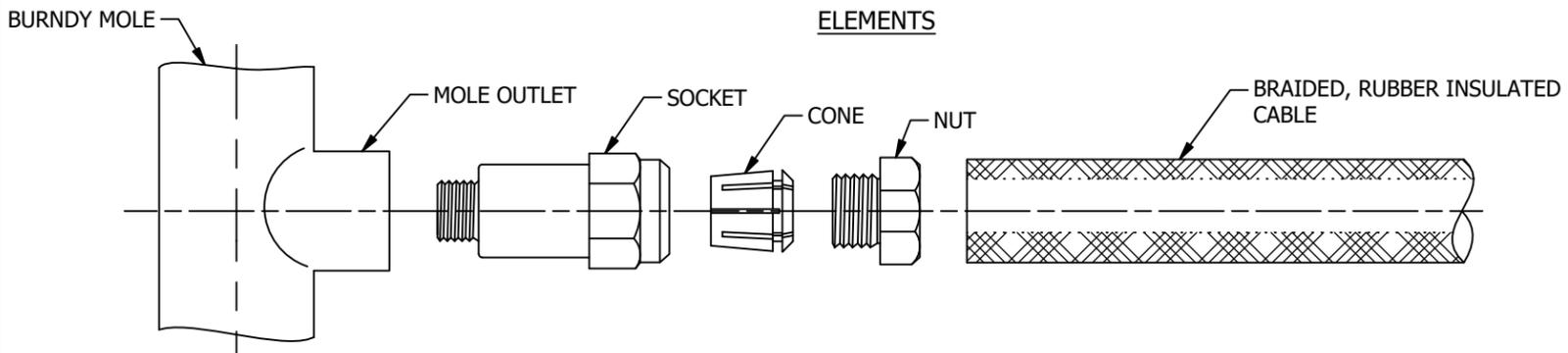


FIG.1

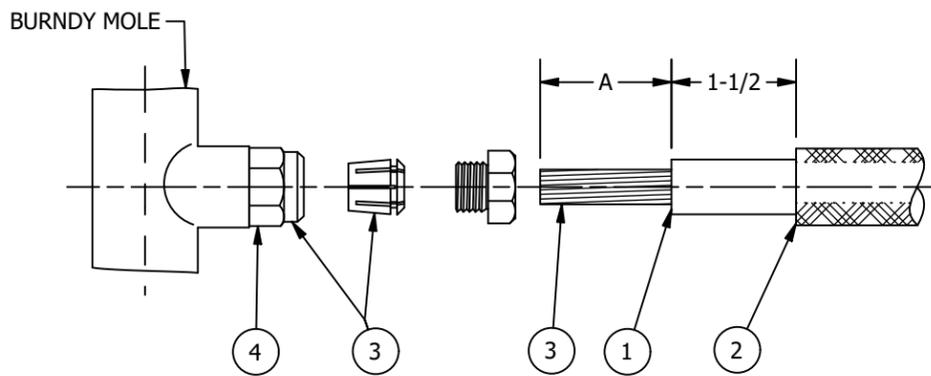


FIG.1

STEPS:

- ① REMOVE THE INSULATION FROM THE CABLE FOR A DISTANCE "A" EQUAL TO THE COMBINED LENGTH OF THE CLAMPING NUT AND CONE PLUS 1/8 INCH.
- ② REMOVE THE BRAID COVERING FOR A LENGTH OF 1-1/2 INCHES, BEING CAREFUL NOT TO CUT INTO THE RUBBER INSULATION.
- ③ CLEAN THE CONTACT SURFACES OF THE SOCKET AND CLAMPING CONE, THE CABLE STRANDS AND ALL EXPOSED METAL SURFACES OF THE CLAMPING ELEMENTS WITH STEEL WOOL OR ABRASIVE CLOTH.
- ④ SCREW THE SOCKET TIGHTLY INTO THE MOLE OUTLET.

FIG.2

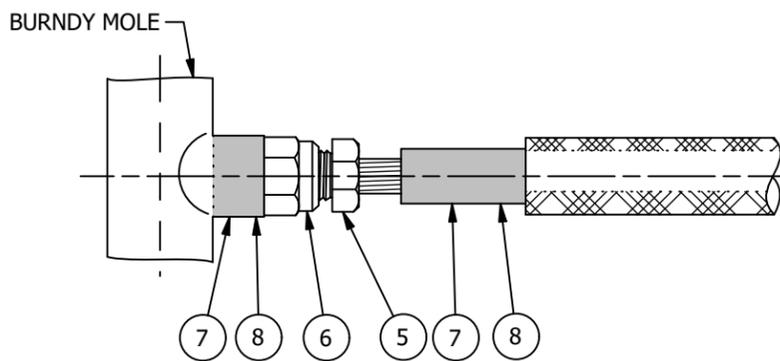


FIG.2

- ⑤ SLIDE THE CLAMPING NUT AND CONE OVER THE CLEANED CABLE STRANDS.
- ⑥ INSERT THE CABLE END, WITH THE CLAMPING CONE ASSEMBLED THEREON, INTO THE SOCKET AND TIGHTEN THE NUT.
- ⑦ ROUGHEN AND CLEAN THE MOLE OUTLET AND THE EXPOSED RUBBER INSULATION WITH ABRASIVE CLOTH OR SMOOTH CUT RASP AND REMOVE ALL FOREIGN MATTER.
- ⑧ APPLY A THIN EVEN COAT OF RUBBER CEMENT TO THE ROUGHENED RUBBER SURFACES. BRUSH OFF EXCESS RUBBER CEMENT AND ALLOW TO DRY ONE MINUTE BEFORE APPLYING RUBBER TAPE.

FIG.3

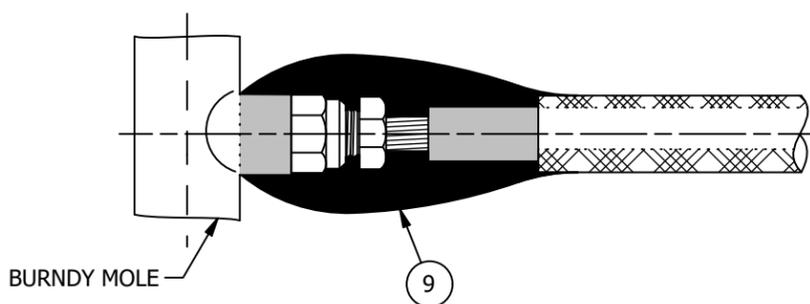


FIG.3

- * ⑨ APPLY HALF-LAPPED LAYERS OF RUBBER TAPE WITH SUFFICIENT TENSION TO REDUCE ITS WIDTH FROM 3/4 INCH TO 1/2 INCH. BUILD UP A MINIMUM THICKNESS OF 1-1/2 TIMES THE CABLE INSULATION. THE RUBBER TAPE SHALL BE WRAPPED IN CONTINUOUS LAYERS OVER THE MOLE OUTLET, THE CLAMPING ELEMENTS AND 1-1/2 INCHES OVER THE RUBBER INSULATION.

FIG.4

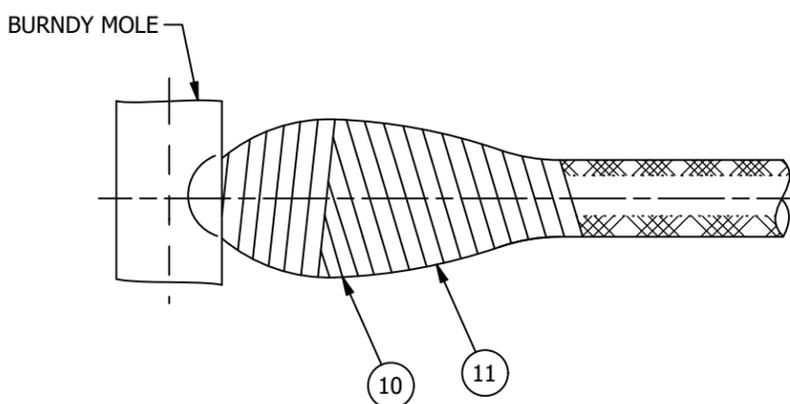


FIG.4

- ⑩ COMPLETELY COVER THE RUBBER TAPE WITH TWO HALF-LAPPED LAYERS OF FRICTION TAPE APPLIED WITH CONSIDERABLE TENSION IN ORDER TO COMPRESS THE RUBBER TAPE. THE FRICTION TAPE SHALL EXTEND 3/4 INCH OVER THE BRAID COVERING TO PREVENT IT FROM FRAYING.
- ⑪ PAINT THE ENTIRE SPLICE AND MOLE BODY WITH WATERPROOF INSULATING PAINT.

* WHEREVER RUBBER TAPE IS RECOMMENDED, THE SPLICPAD MAY BE USED TO FURTHER SIMPLIFY THE TAPING OPERATION.

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INSTALLATION INSTRUCTION CABLE TO MOLE			
ITEM NO: --		REV	
CAT. NO: --		B	
SCALE: DRAWING SCALE		50073123	
SIZE	DRAWING NO	REV	
B	50073123	B	
SHEET 1 OF 13			

INSTALLATION INSTRUCTIONS FOR CABLE TO MOLE WITH THE BURNDY NOTAPE SLEEVE WHEN USED WITH RUBBER INSULATED CABLE

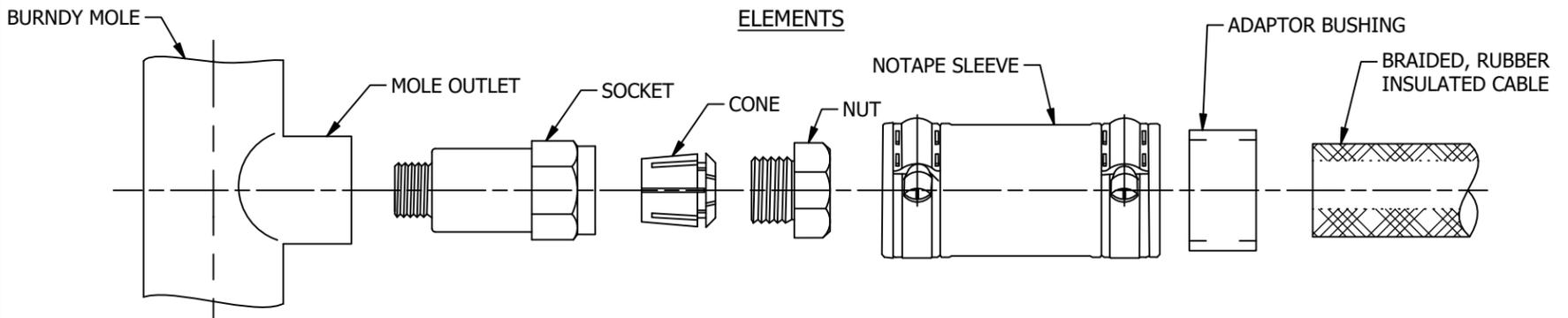
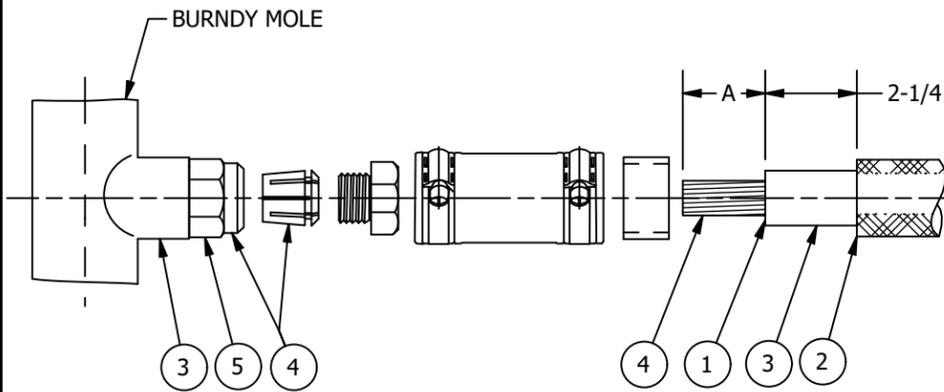


FIG.1

FIG.1

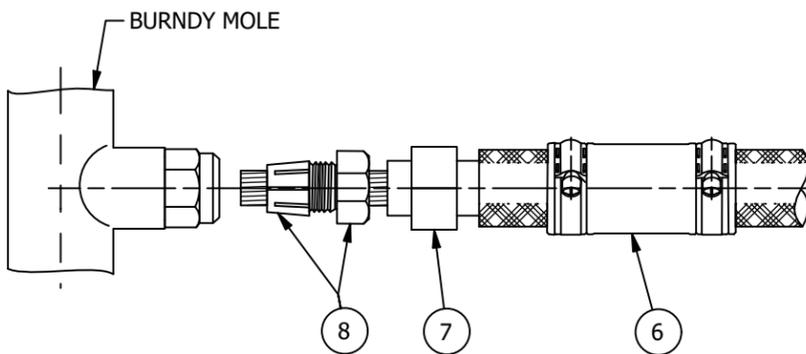


STEPS:

- ① REMOVE THE INSULATION FROM THE CABLE FOR A DISTANCE "A" EQUAL TO THE COMBINED LENGTH OF THE CLAMPING NUT AND CONE PLUS 1/8 INCH.
- ② REMOVE THE BRAID COVERING FOR A LENGTH OF 2-1/4 INCHES, BEING CAREFUL NOT TO CUT INTO THE RUBBER INSULATION.
- ③ CLEAN AND REMOVE ALL FOREIGN MATTER FROM THE RUBBER INSULATION AND THE MOLE OUTLET.
- ④ CLEAN THE CONTACT SURFACES OF THE SOCKET AND CLAMPING CONE, THE CABLE STRANDS AND ALL EXPOSED METAL SURFACES OF THE CLAMPING ELEMENTS WITH STEEL WOOL OR ABRASIVE CLOTH.
- ⑤ SCREW THE SOCKET TIGHTLY INTO THE MOLE OUTLET.

FIG.2

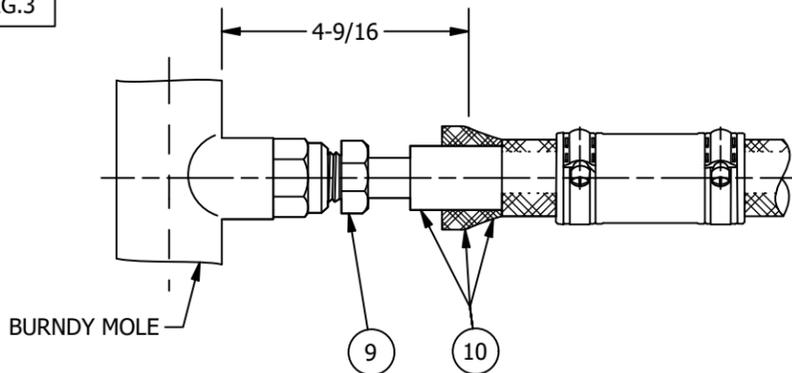
FIG.2



- ⑥ SLIDE THE NOTAPE SLEEVE OVER THE CABLE.
- ⑦ SLIDE THE ADAPTOR BUSHING OVER THE CABLE INSULATION.
- ⑧ SLIDE THE CLAMPING NUT AND CONE OVER THE CLEANED CABLE STRANDS.

FIG.3

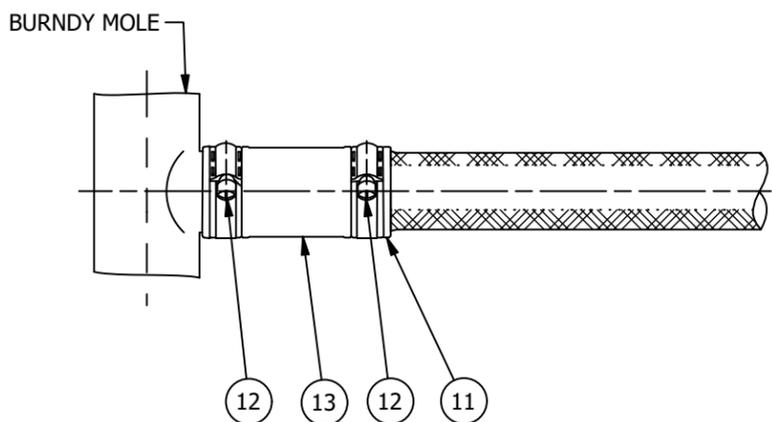
FIG.3



- ⑨ INSERT THE CABLE END, WITH THE CLAMPING CONE ASSEMBLED THEREON, INTO THE SOCKET AND TIGHTEN THE NUT.
- ⑩ POSITION THE ADAPTOR BUSHING SO THAT THE EDGE NEAREST THE BRAID COVERING IS 4-9/16 INCHES AWAY FROM THE MOLE BODY. IN THIS POSITION THE END OF THE NOTAPE SLEEVE AND ADAPTOR BUSHING SHOULD BE FLUSH ON ASSEMBLY, (SEE FIGURE 4 ⑪). THEN SECURE THE BUSHING IN PLACE BY WRAPPING THREE LAYERS OF 1/2 INCH WIDE FRICTION TAPE OVER THE CABLE INSULATION ON BOTH SIDES OF THE ADAPTOR BUSHING. AT THE SAME TIME THE BRAID END SHOULD BE TAPED DOWN TO PREVENT IT FROM FRAYING.

FIG.4

FIG.4



- ⑪ SLIDE THE NOTAPE SLEEVE OVER THE SOCKET TO WITHIN 1/8 INCH OF THE MOLE BODY. IN THIS POSITION THE ADAPTOR BUSHING SHOULD BE DIRECTLY UNDER THE CLAMP AND FLUSH WITH THE END OF THE NOTAPE SLEEVE.
- ⑫ TIGHTEN THE CLAMPS SECURELY OVER THE NOTAPE SLEEVE.
- ⑬ PAINT THE ENTIRE SPLICE AND MOLE BODY WITH WATERPROOF INSULATING PAINT.

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INSTALLATION INSTRUCTION CABLE TO MOLE			
ITEM NO: --		REV	
CAT. NO: --		B	
SCALE: DRAWING SCALE		SHEET 2 OF 13	
SIZE	DRAWING NO	REV	
B	50073123	B	

INSTALLATION INSTRUCTIONS FOR CABLE TO MOLE WITH THE BURNDY INSULATING SLEEVE WHEN USED WITH RUBBER INSULATED CABLE

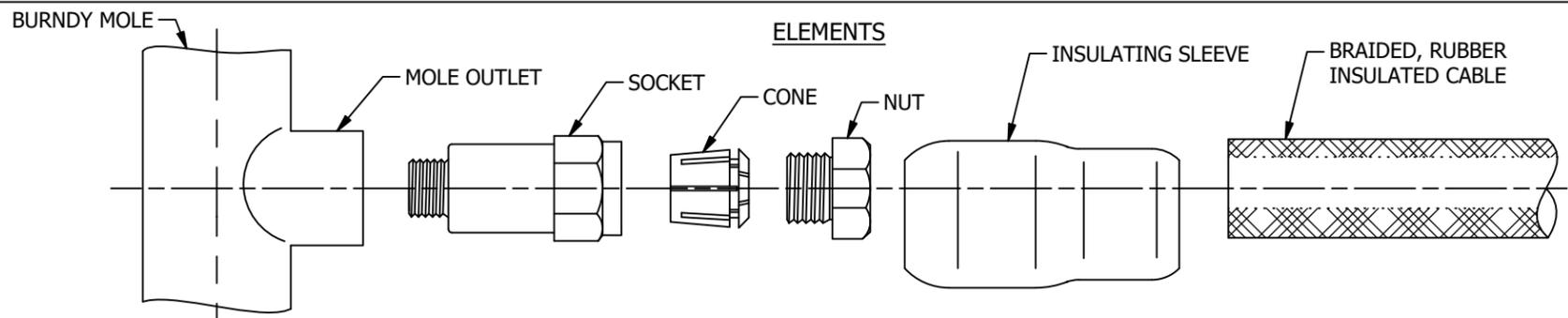


FIG.1

FIG.1

STEPS:

- ① REMOVE THE INSULATION FROM THE CABLE FOR A DISTANCE "A" EQUAL TO THE COMBINED LENGTH OF THE CLAMPING NUT AND CONE PLUS 1/8 INCH.
- ② REMOVE THE BRAID COVERING FOR A LENGTH OF 2-1/4 INCHES, BEING CAREFUL NOT TO CUT INTO THE RUBBER INSULATION.
- ③ CLEAN THE CONTACT SURFACES OF THE SOCKET AND CLAMPING CONE. THE CABLE STRANDS AND ALL EXPOSED METAL SURFACES OF THE CLAMPING ELEMENTS WITH STEEL WOOL OR ABRASIVE CLOTH.
- ④ SCREW SOCKET TIGHTLY INTO MOLE OUTLET.
- ⑤ ROUGHEN AND CLEAN THE MOLE OUTLET, THE EXPOSED RUBBER INSULATION, AND BOTH ENDS OF THE INSULATING SLEEVE FOR A LENGTH OF 1-1/2 INCHES ON THE OUTSIDE AND 1/2 INCH ON THE INSIDE WITH ABRASIVE CLOTH OR SMOOTH CUT RASP AND REMOVE ALL FOREIGN MATTER.

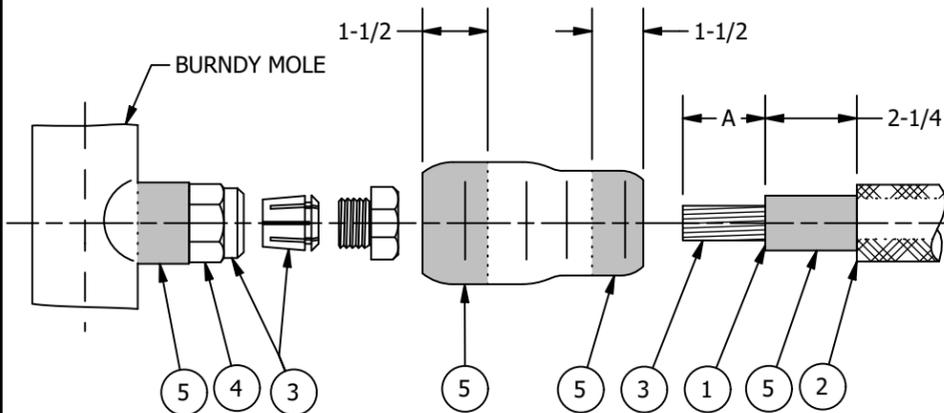


FIG.2

- ⑥ SLIDE INSULATING SLEEVE OVER INSULATION.
- ⑦ SLIDE THE CLAMPING NUT AND CONE OVER THE CLEANED CABLE STRANDS.
- ⑧ INSERT THE CABLE END, WITH THE CLAMPING CONE ASSEMBLED THEREON, INTO THE SOCKET AND TIGHTEN THE NUT.
- ⑨ APPLY A THIN EVEN COAT OF RUBBER CEMENT TO THE ROUGHENED RUBBER SURFACES. BRUSH OFF EXCESS RUBBER CEMENT AND ALLOW TO DRY ONE MINUTE BEFORE APPLYING RUBBER TAPE.

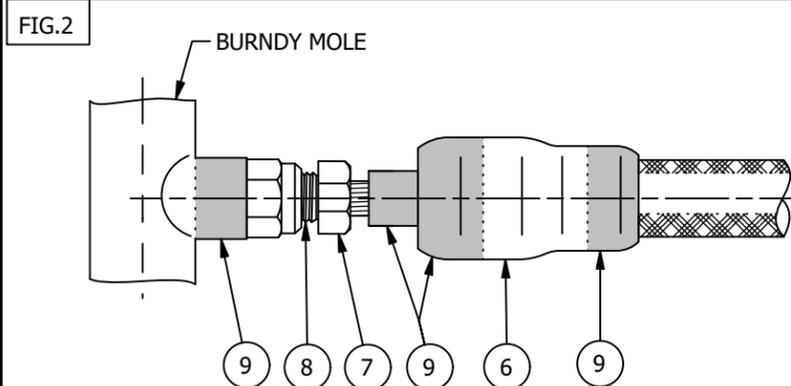


FIG.3

- ⑩ SLIP INSULATING SLEEVE OVER MOLE OUTLET TO WITHIN 1/2 INCH OF MOLE BODY.
- ⑪ APPLY THREE HALF-LAPPED LAYERS OF RUBBER TAPE WITH SUFFICIENT TENSION TO REDUCE ITS WIDTH FROM 3/4 INCH TO 1/2 INCH. ON THE MOLE OUTLET SIDE, WRAP CONTINUOUS LAYER OF RUBBER TAPE OVER THE MOLE OUTLET AND 1-1/2 INCHES OF THE INSULATING SLEEVE. ON THE CABLE SIDE, WRAP 1-1/2 INCHES OF BOTH THE INSULATING SLEEVE AND THE CABLE INSULATION WITH RUBBER TAPE.

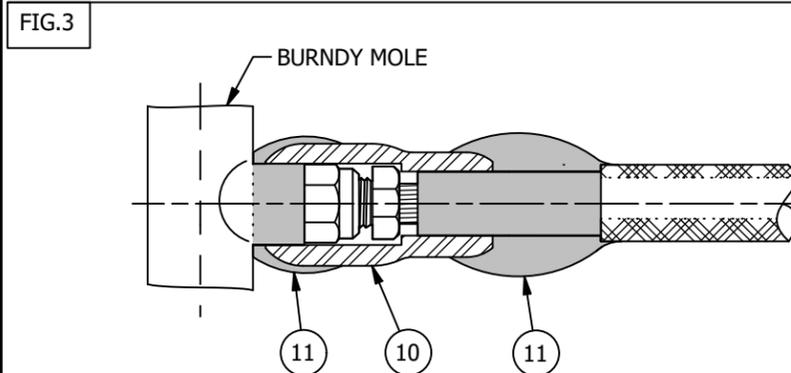
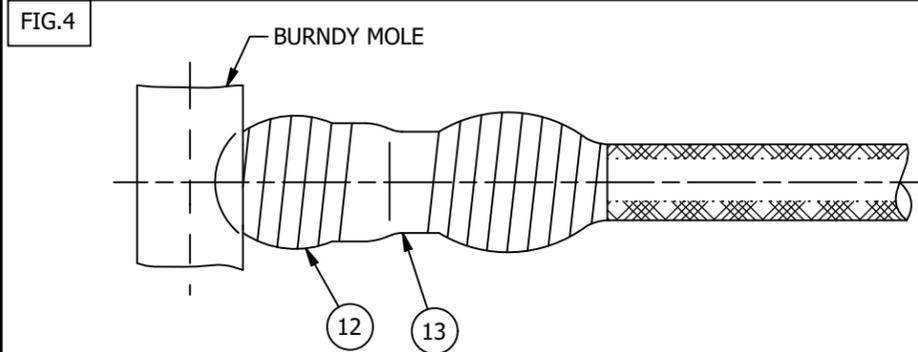


FIG.4

- ⑫ COMPLETELY COVER THE RUBBER TAPE WITH TWO HALF-LAPPED LAYERS OF FRICTION TAPE APPLIED WITH CONSIDERABLE TENSION IN ORDER TO COMPRESS THE RUBBER TAPE. THE FRICTION TAPE SHALL EXTEND 3/4 INCH BEYOND THE RUBBER TAPE ON THE INSULATING SLEEVE AND 3/4 INCH OVER THE BRAID COVERING OF THE CABLE TO PREVENT IT FROM FRAYING.
- ⑬ PAINT ENTIRE SPLICE AND MOLE BODY WITH WATERPROOF INSULATING PAINT.



WHERE INSULATING SLEEVES ARE IN TWO PARTS. THE PROCEDURE IS AS FOLLOWS.

- | | |
|--|---|
| <ol style="list-style-type: none"> 1 SAME AS STEP 1 ABOVE. 2 SAME AS STEP 2 ABOVE. 3 SAME AS STEP 3 ABOVE. 3A ROUGHEN AND CLEAN THE MOLE OUTLET AND THE INSIDE OF THE SLEEVE PART WHICH IS TO GO OVER THE MOLE OUTLET. 3B SLIDE THE SLEEVE PART OVER THE MOLE OUTLET. 4 SAME AS STEP 4 ABOVE. 5 SAME AS STEP 5 ABOVE, BUT IN ADDITION, CLEAN THE OUTSIDE OF THE SLEEVE PART THAT IS OVER THE MOLE OUTLET. | <ol style="list-style-type: none"> 6 SAME AS STEP 6 ABOVE. 7 SAME AS STEP 7 ABOVE. 8 SAME AS STEP 8 ABOVE. 9 SAME AS STEP 9 ABOVE. 10 SLIDE THE OTHER END OF THE INSULATING SLEEVE OVER THE SOCKET UNTIL IT INTERLOCKS WITH THE SLEEVE PART ON THE MOLE OUTLET. 11 SAME AS STEP 11 ABOVE, BUT IN ADDITION, EXTEND THE RUBBER TAPING TO COVER THE ASSEMBLY OF THE TWO PARTS OF THE SLEEVE. 12 SAME AS STEP 12 ABOVE. 13 SAME AS STEP 13 ABOVE. |
|--|---|

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INSTALLATION INSTRUCTION CABLE TO MOLE			
ITEM NO: --		CAT. NO: --	
SCALE: DRAWING SCALE			
SIZE	DRAWING NO	REV	
B	50073123	B	
SHEET 3 OF 13			

INSTALLATION INSTRUCTIONS FOR CABLE TO MOLE WHEN USED WITH RUBBER INSULATED LEAD-COVERED CABLE

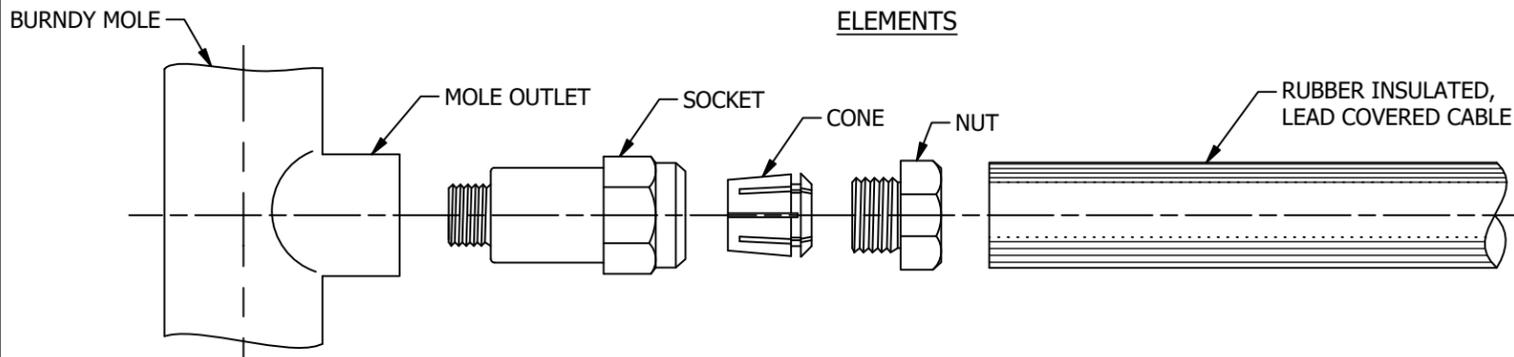


FIG.1

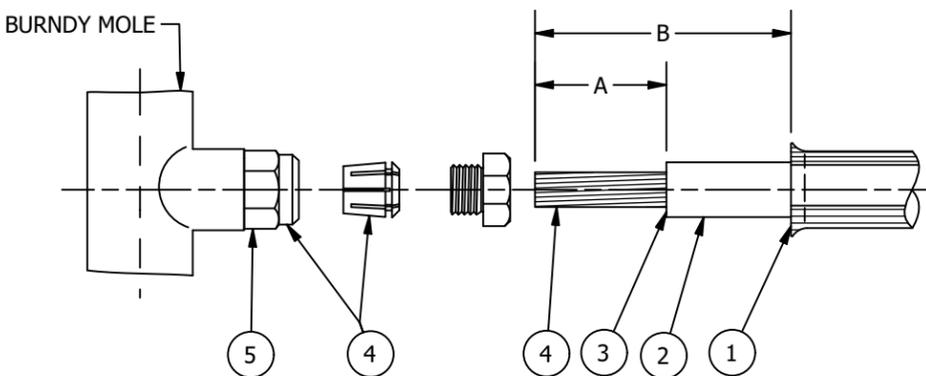


FIG.1

STEPS:

- ① REMOVE THE LEAD SHEATH FOR A DISTANCE "B" EQUAL TO THE COMBINED LENGTH OF THE CLAMPING NUT AND CONE PLUS 1-7/8 INCHES. THE LEAD SHEATH SHOULD BE REMOVED FROM THE CABLE END AS FOLLOWS: CUT HALF WAY THROUGH THE LEAD SHEATH AT A DISTANCE "B" FROM THE END OF THE CABLE; SPLIT THE SHEATH LENGTHWISE FROM THE END TO THE CUT; THEN, TEAR LOOSE THE SECTION OF SHEATH BY PULLING ON ONE EDGE WITH PLIERS DIRECTLY AWAY FROM THE CABLE AXIS. A SLIGHT BELL WILL RESULT WHICH SHOULD NOT BE REMOVED.
- ② REMOVE ALL BRAID THAT MAY APPEAR BETWEEN THE RUBBER INSULATION AND THE LEAD SHEATH, EXPOSING THE RUBBER INSULATION.
- ③ REMOVE THE RUBBER INSULATION FROM THE CABLE STRANDS FOR A DISTANCE "A" EQUAL TO THE COMBINED LENGTH OF THE CLAMPING NUT AND CONE PLUS 1/8 INCH.
- ④ CLEAN THE CONTACT SURFACES OF THE SOCKET AND CLAMPING CONE, THE CABLE STRANDS AND ALL EXPOSED METAL SURFACES OF THE CLAMPING ELEMENTS WITH STEEL WOOL OR ABRASIVE CLOTH.
- ⑤ SCREW THE SOCKET TIGHTLY INTO THE MOLE OUTLET.

FIG.2

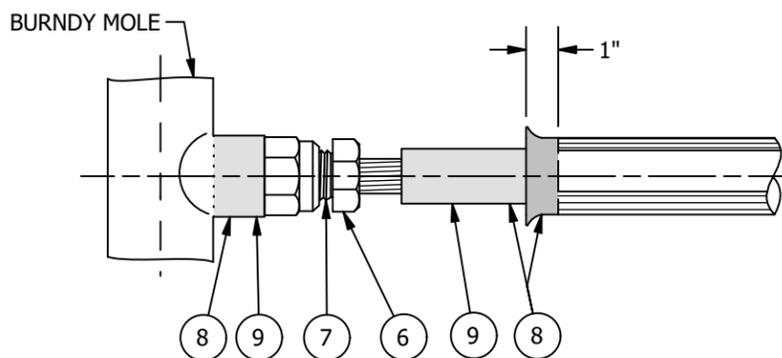


FIG.2

- ⑥ SLIDE THE CLAMPING NUT AND CONE OVER THE CLEANED CABLE STRANDS.
- ⑦ INSERT THE CABLE END, WITH THE CLAMPING CONE ASSEMBLED THEREON, INTO THE SOCKET AND TIGHTEN THE NUT.
- ⑧ ROUGHEN AND CLEAN THE MOLE OUTLET, THE EXPOSED RUBBER INSULATION AND ONE INCH OF THE LEAD SHEATH WITH ABRASIVE CLOTH OR SMOOTH CUT RASP AND REMOVE ALL FOREIGN MATTER.
- ⑨ APPLY A THIN EVEN COAT OF RUBBER CEMENT TO THE ROUGHENED RUBBER SURFACES AND ONE INCH OF THE LEAD SHEATH. BRUSH OFF EXCESS RUBBER CEMENT AND ALLOW TO DRY ONE MINUTE BEFORE APPLYING RUBBER TAPE

FIG.3

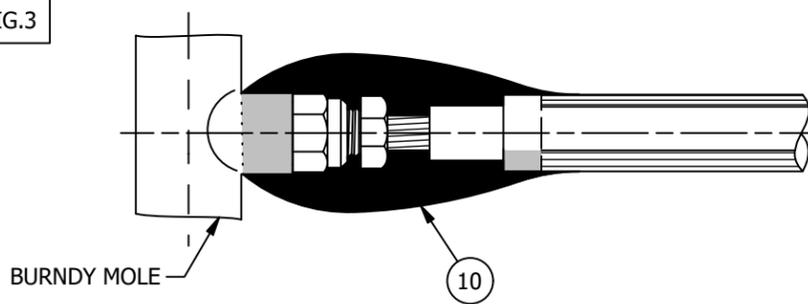


FIG.3

- * ⑩ APPLY HALF-LAPPED LAYERS OF RUBBER TAPE WITH SUFFICIENT TENSION TO REDUCE ITS WIDTH FROM 3/4 INCH TO 1/2 INCH. BUILD UP A MINIMUM THICKNESS OF 1-1/2 TIMES THE CABLE INSULATION. THE RUBBER TAPE SHALL BE WRAPPED IN CONTINUOUS LAYERS OVER THE MOLE OUTLET, THE CLAMPING ELEMENTS, 1-1/2 INCHES OVER THE RUBBER INSULATION AND 3/4 INCH OF THE LEAD SHEATH.

FIG.4

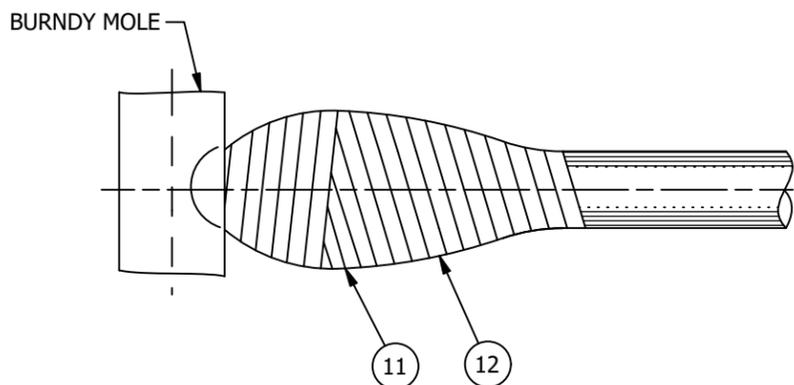


FIG.4

- ⑪ COMPLETELY COVER THE RUBBER TAPE WITH TWO HALF-LAPPED LAYERS OF FRICTION TAPE APPLIED WITH CONSIDERABLE TENSION IN ORDER TO COMPRESS THE RUBBER TAPE. THE FRICTION TAPE SHALL EXTEND 3/4 INCH OVER THE LEAD SHEATH.
- ⑫ PAINT THE ENTIRE SPLICE AND MOLE BODY WITH WATERPROOF INSULATING PAINT.

* WHEREVER RUBBER TAPE IS RECOMMENDED, THE SPLICPAD MAY BE USED TO FURTHER SIMPLIFY THE TAPING OPERATION.

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INSTALLATION INSTRUCTION CABLE TO MOLE			
ITEM NO: --		CAT. NO: --	
SCALE: DRAWING SCALE			
SIZE	DRAWING NO	REV	
B	50073123	B	
SHEET 4 OF 13			

**INSTALLATION INSTRUCTIONS FOR CABLE TO MOLE WITH THE BURNDY NOTAPE SLEEVE
WHEN USED WITH RUBBER INSULATED LEAD-COVERED CONDUCTOR**

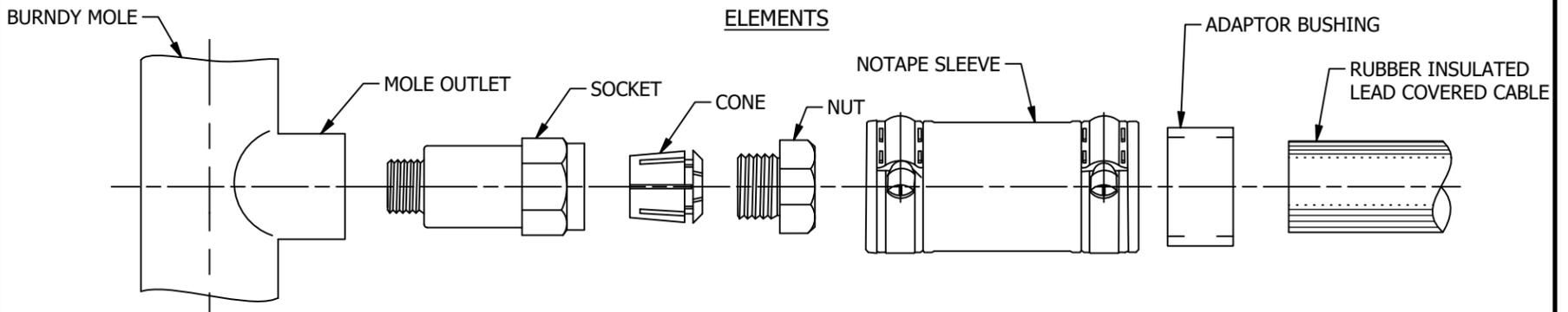
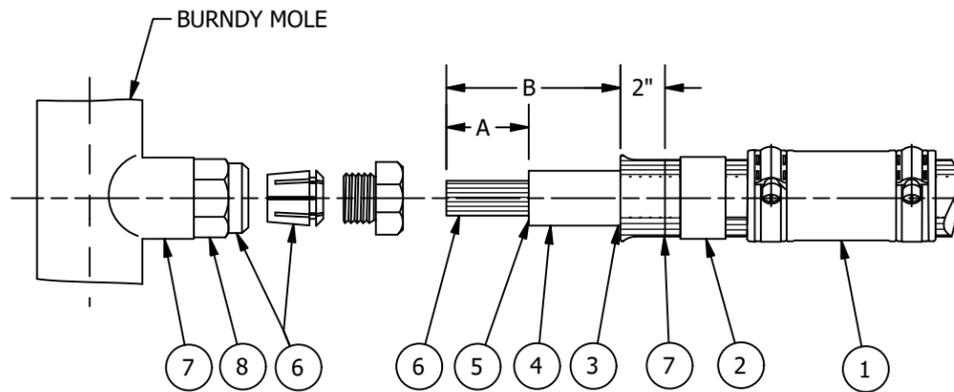


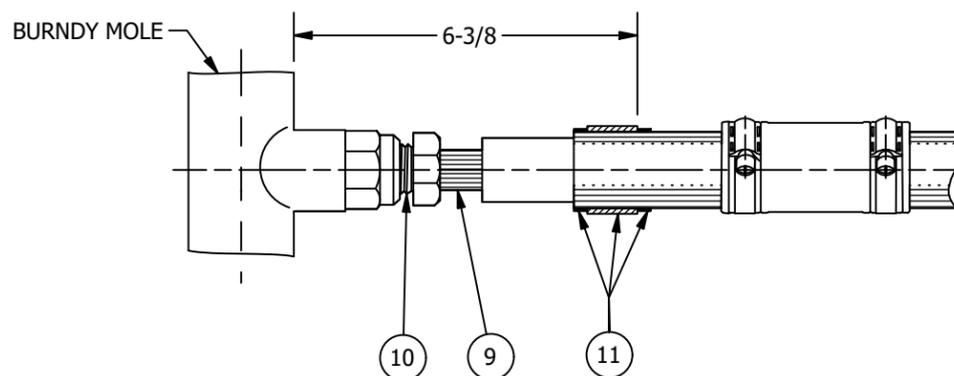
FIG.1



STEPS.

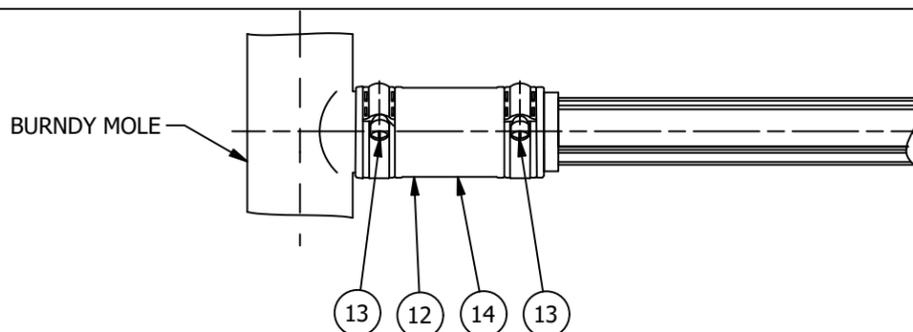
- ① SLIDE NOTAPE SLEEVE OVER THE LEAD SHEATH.
- ② SLIDE ADAPTOR BUSHING OVER THE LEAD SHEATH.
- ③ REMOVE THE LEAD SHEATH FOR A DISTANCE "B" EQUAL TO THE COMBINED LENGTH OF THE CLAMPING NUT AND CONE PLUS 1-7/8 INCHES. THE LEAD SHEATH SHOULD BE REMOVED FROM THE CABLE END AS FOLLOWS: CUT HALF WAY THROUGH THE LEAD SHEATH AT A DISTANCE "B" FROM THE END OF THE CABLE; SPLIT THE SHEATH LENGTHWISE FROM THE END TO THE CUT; THEN, TEAR LOOSE THE SECTION OF SHEATH BY PULLING ON ONE EDGE WITH PLIERS DIRECTLY AWAY FROM THE CABLE AXIS. A SLIGHT BELL WILL RESULT WHICH SHOULD NOT BE REMOVED.
- ④ REMOVE ALL BRAID THAT MAY APPEAR BETWEEN THE RUBBER INSULATION AND THE LEAD SHEATH, EXPOSING THE RUBBER INSULATION.
- ⑤ REMOVE THE RUBBER INSULATION FROM THE CABLE STRANDS FOR A DISTANCE "A" EQUAL TO THE COMBINED LENGTH OF THE CLAMPING NUT AND CONE PLUS 1/8 INCH.
- ⑥ CLEAN THE CONTACT SURFACES OF THE SOCKET AND CLAMPING CONE, THE CABLE STRANDS AND ALL EXPOSED METAL SURFACES OF THE CLAMPING ELEMENTS WITH STEEL WOOL OR ABRASIVE CLOTH.
- ⑦ CLEAN AND REMOVE ANY FOREIGN MATTER FROM THE MOLE OUTLET AND 2 INCHES OF THE LEAD SHEATH.
- ⑧ SCREW SOCKET TIGHTLY INTO THE MOLE OUTLET.

FIG.2



- ⑨ SLIDE THE CLAMPING NUT AND CONE OVER THE CLEANED CABLE STRANDS.
- ⑩ INSERT THE CABLE END, WITH THE CLAMPING CONE ASSEMBLED THEREON, INTO THE SOCKET AND TIGHTEN THE NUT.
- ⑪ POSITION THE ADAPTOR BUSHING SO THAT THE DISTANCE BETWEEN THE MOLE BODY AND THE FARTHER SIDE OF THE BUSHING IS EQUAL TO 6-3/8 INCHES. IN THIS POSITION THE END OF THE NOTAPE SLEEVE AND ADAPTOR BUSHING SHOULD BE FLUSH ON ASSEMBLY. (SEE STEP 12.) THEN SECURE THE BUSHING IN PLACE BY WRAPPING THREE LAYERS OF 1/2 INCH WIDE FRICTION TAPE OVER THE LEAD SHEATH ON BOTH SIDES OF THE ADAPTOR BUSHING.

FIG.3



- ⑫ SLIDE THE NOTAPE SLEEVE OVER THE SOCKET TO WITHIN 1/8 INCH OF THE MOLE BODY. IN THIS POSITION THE ADAPTOR BUSHING SHOULD BE DIRECTLY UNDER THE CLAMP AND FLUSH WITH THE END OF THE NOTAPE SLEEVE.
- ⑬ TIGHTEN CLAMPS SECURELY OVER THE NOTAPE SLEEVE.
- ⑭ PAINT ENTIRE SPLICE AND MOLE BODY WITH WATERPROOF INSULATING PAINT.

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ITEM NO: --		CAT. NO: --	
SCALE: DRAWING SCALE		REV	
SIZE	DRAWING NO	REV	
B	50073123	B	
SHEET 5 OF 13			

INSTALLATION INSTRUCTIONS FOR CABLE TO MOLE WITH THE BURNDY INSULATING SLEEVE WHEN USED WITH RUBBER INSULATED LEAD COVERED CABLE

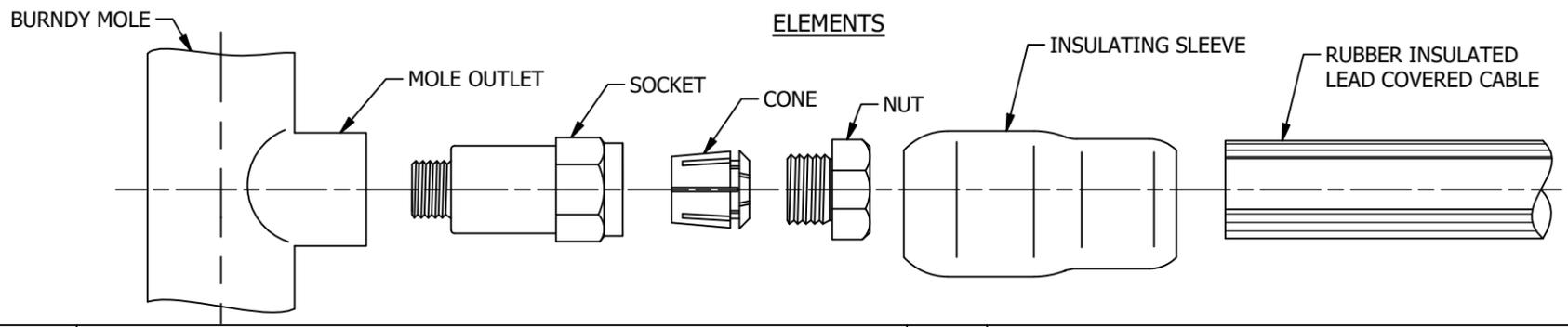


FIG.1

FIG.1

STEPS

- ① SLIDE INSULATING SLEEVE OVER LEAD SHEATH.
- ② REMOVE THE LEAD SHEATH FOR A DISTANCE "B" EQUAL TO THE COMBINED LENGTH OF THE CLAMPING NUT AND CONE PLUS 1-7/8 INCHES. THE LEAD SHEATH SHOULD BE REMOVED FROM THE CABLE END AS FOLLOWS: CUT HALF WAY THROUGH THE LEAD SHEATH AT A DISTANCE "B" FROM THE END OF THE CABLE; SPLIT THE SHEATH LENGTHWISE FROM THE END TO THE CUT; THEN, TEAR LOOSE THE SECTION OF SHEATH BY PULLING ON ONE EDGE WITH PLIERS DIRECTLY AWAY FROM THE CABLE AXIS. A SLIGHT BELL WILL RESULT WHICH SHOULD NOT BE REMOVED.
- ③ REMOVE ALL BRAID THAT MAY APPEAR BETWEEN THE RUBBER INSULATION AND THE LEAD SHEATH EXPOSING THE RUBBER INSULATION.
- ④ REMOVE THE RUBBER INSULATION FROM THE CABLE STRANDS FOR A DISTANCE "A" EQUAL TO THE COMBINED LENGTH OF THE CLAMPING NUT AND CONE PLUS 1/8 INCH.
- ⑤ CLEAN THE CONTACT SURFACES OF THE SOCKET AND CLAMPING CONE, THE CABLE STRANDS AND ALL EXPOSED METAL SURFACES WITH STEEL WOOL OR ABRASIVE CLOTH.
- ⑥ SCREW SOCKET TIGHTLY INTO MOLE OUTLET.

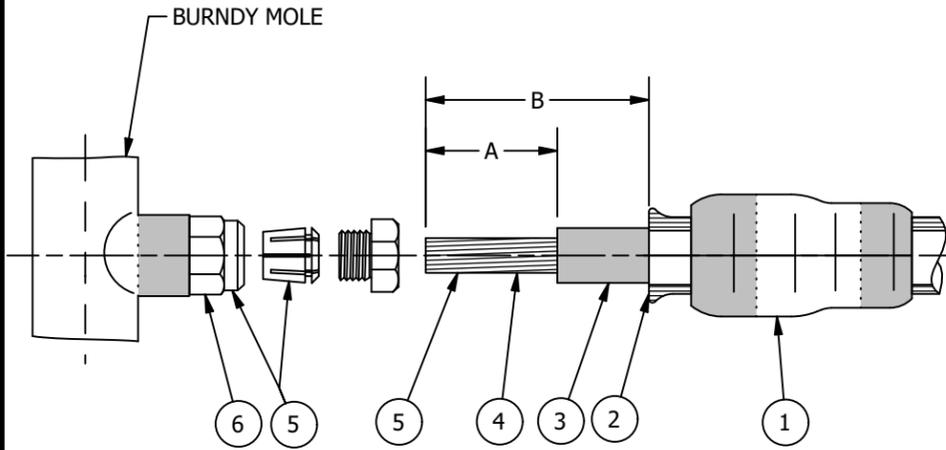


FIG.2

FIG.2

- ⑦ SLIDE THE NUT AND CONE OVER CLEANED CABLE STRANDS.
- ⑧ INSERT THE CABLE END, WITH THE CLAMPING CONE ASSEMBLED THEREON, INTO THE SOCKET AND TIGHTEN NUT.
- ⑨ ROUGHEN AND CLEAN THE MOLE OUTLET, BOTH ENDS OF THE INSULATING SLEEVE FOR A LENGTH OF 1-1/2 INCHES ON THE OUTSIDE AND 1/2 INCH ON THE INSIDE, AND 4 INCHES OF THE LEAD SHEATH WITH ABRASIVE CLOTH OR SMOOTH CUT RASP AND REMOVE ALL FOREIGN MATTER.
- ⑩ APPLY A THIN EVEN COAT OF RUBBER CEMENT TO THE ROUGHENED RUBBER AND LEAD SURFACES. BRUSH OFF EXCESS RUBBER CEMENT AND ALLOW TO DRY ONE MINUTE BEFORE APPLYING RUBBER TAPE.

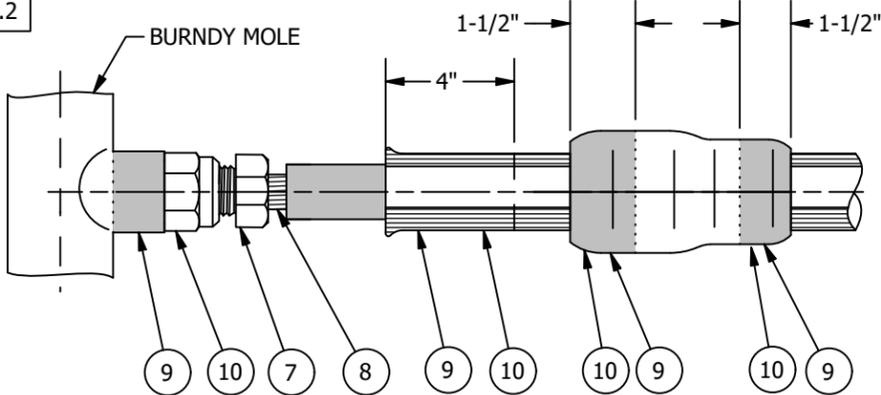


FIG.3

FIG.3

- ⑪ SLIDE INSULATING SLEEVE OVER MOLE OUTLET TO WITHIN 1/2 INCH OF MOLE BODY.
- ⑫ APPLY THREE HALF-LAPPED LAYERS OF RUBBER TAPE WITH SUFFICIENT TENSION TO REDUCE ITS WIDTH FROM 3/4 INCH TO 1/2 INCH. ON THE MOLE OUTLET SIDE, WRAP CONTINUOUS LAYERS OF RUBBER TAPE OVER THE MOLE OUTLET AND 1-1/2 INCHES OF THE INSULATING SLEEVE. ON THE CABLE SIDE, WRAP 1-1/2 INCHES OF BOTH THE INSULATING SLEEVE AND THE LEAD SHEATH WITH RUBBER TAPE.

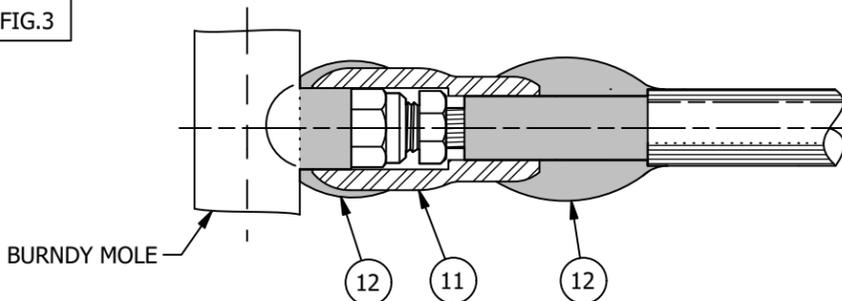
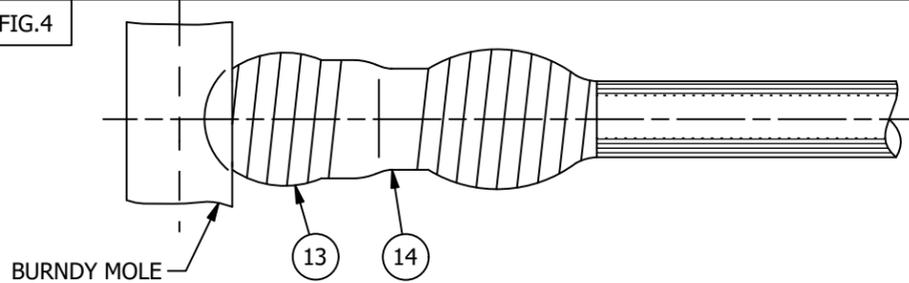


FIG.4

FIG.4

- ⑬ COMPLETELY COVER THE RUBBER TAPE WITH TWO HALF-LAPPED LAYERS OF FRICTION TAPE APPLIED WITH CONSIDERABLE TENSION IN ORDER TO COMPRESS THE RUBBER TAPE. THE FRICTION TAPE SHALL EXTEND 3/4 INCH BEYOND THE RUBBER TAPE ON THE INSULATING SLEEVE AND ON THE LEAD SHEATH.
- ⑭ PAINT ENTIRE SPLICE AND MOLE BODY WITH WATERPROOF INSULATING PAINT.



WHERE INSULATING SLEEVES ARE IN TWO PARTS. THE PROCEDURE IS AS FOLLOWS:

- | | |
|---|---|
| <ol style="list-style-type: none"> 1 SAME AS STEP 1 ABOVE. 2 SAME AS STEP 2 ABOVE. 3 SAME AS STEP 3 ABOVE. 4 SAME AS STEP 4 ABOVE. 5 SAME AS STEP 5 ABOVE. 5A ROUGHEN AND CLEAN THE MOLE OUTLET AND THE INSIDE OF THE SLEEVE PART WHICH IS TO GO OVER THE MOLE OUTLET. 5B APPLY A THIN EVEN COAT OF RUBBER CEMENT TO THE MOLE OUTLET. 5C SLIDE SLEEVE PART OVER MALE OUTLET. 6 SAME AS STEP 6 ABOVE. | <ol style="list-style-type: none"> 7 SAME AS STEP 7 ABOVE. 8 SAME AS STEP 8 ABOVE. 9 SAME AS STEP 9 ABOVE. BUT IN ADDITION, CLEAN THE OUTSIDE OF THE SLEEVE PART THAT IS OVER THE MOLE OUTLET. 10 SAME AS STEP 10 ABOVE. 11 SLIDE THE OTHER END OF THE INSULATING SLEEVE OVER THE SOCKET UNTIL IT INTERLOCKS WITH THE SLEEVE PART ON THE MOLE OUTLET. 12 SAME AS STEP 12 ABOVE, BUT IN ADDITION, EXTEND THE RUBBER TAPING TO COVER THE ASSEMBLY OF THE TWO PARTS OF THE SLEEVE. 13 SAME AS STEP 13 ABOVE 14 SAME AS STEP 14 ABOVE |
|---|---|

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INSTALLATION INSTRUCTION CABLE TO MOLE			
ITEM NO:	--		
CAT. NO:	--		
SCALE:	DRAWING SCALE		
SIZE	DRAWING NO	REV	
B	50073123	B	
SHEET 6 OF 13			

INSTALLATION INSTRUCTIONS FOR CABLE TO MOLE WHEN USED WITH PAPER-INSULATED OR VARNISHED-CAMBRIC LEAD-COVERED CABLE

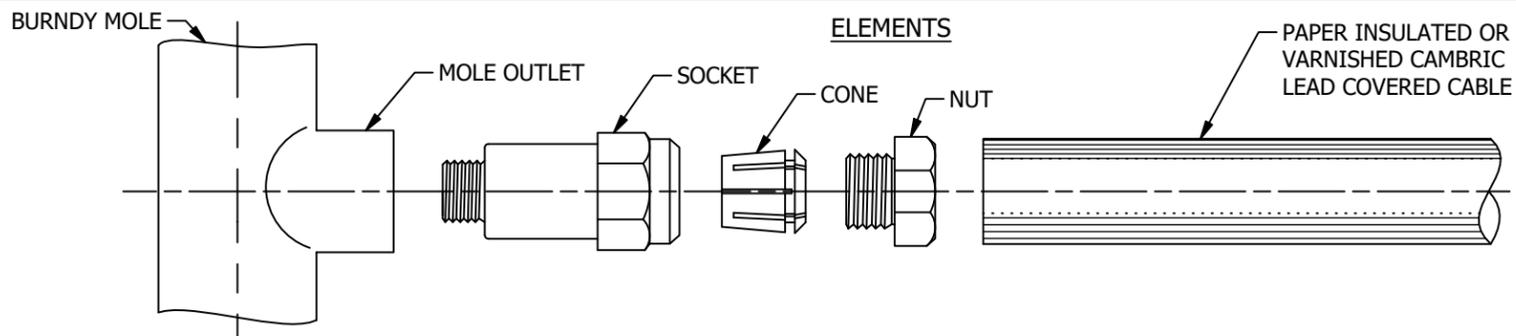


FIG.1

FIG.1

STEPS:

- ① REMOVE THE LEAD SHEATH FOR A DISTANCE "B" EQUAL TO THE COMBINED LENGTH OF THE CLAMPING NUT AND CONE PLUS 1-7/8 INCHES. THE LEAD SHEATH SHOULD BE REMOVED FROM THE CABLE END AS FOLLOWS: CUT HALF WAY THROUGH THE LEAD SHEATH AT A DISTANCE "B" FROM THE END OF THE CABLE; SPLIT THE SHEATH LENGTHWISE FROM THE END TO THE CUT; THEN, TEAR LOOSE THE SECTION OF SHEATH BY PULLING ON ONE EDGE WITH PLIERS DIRECTLY AWAY FROM THE CABLE AXIS. A SLIGHT BELL WILL RESULT WHICH SHOULD NOT BE REMOVED.
- ② REMOVE THE PAPER OR VARNISHED-CAMBRIC INSULATION FROM THE CABLE STRANDS FOR A DISTANCE "A" EQUAL TO THE COMBINED LENGTH OF THE CLAMPING NUT AND CONE PLUS 1/8 INCH.
- ③ CLEAN THE CONTACT SURFACES OF THE SOCKET AND CLAMPING CONE, THE CABLE STRANDS AND ALL EXPOSED METAL SURFACES OF THE CLAMPING ELEMENTS WITH STEEL WOOL OR ABRASIVE CLOTH.
- ④ SCREW THE SOCKET TIGHTLY INTO THE MOLE OUTLET.
- ⑤ ROUGHEN AND CLEAN THE MOLE OUTLET, AND 4 INCHES OF THE LEAD SHEATH WITH ABRASIVE CLOTH OR SMOOTH CUT RASP AND REMOVE ALL FOREIGN MATTER.

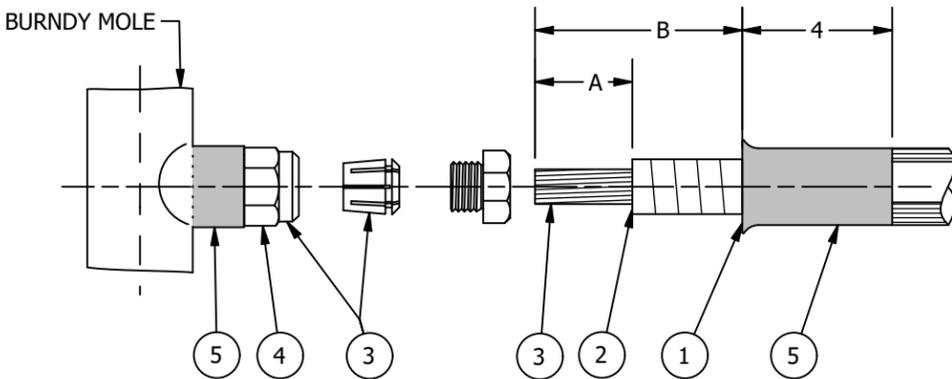


FIG.2

FIG.2

- ⑥ SLIDE THE CLAMPING NUT AND CONE OVER THE CLEANED CABLE STRANDS.
- ⑦ INSERT THE CABLE END, WITH THE CLAMPING CONE ASSEMBLED THEREON, INTO THE SOCKET AND TIGHTEN THE NUT.
- ⑧ APPLY ONE THIN EVEN COAT OF G.E. 1201 GLYPTAL LACQUER OR EQUIVALENT TO THE EXPOSED METAL CLAMPING ELEMENTS, THE CABLE INSULATION AND 4 INCHES OF THE LEAD SHEATH. ALLOW TO DRY FOR ONE MINUTE.
- ⑨ APPLY FOUR HALF-LAPPED LAYERS OF 1/2 INCH WIDE SILK TAPE WITH A COAT OF G.E. 1201 GLYPTAL LACQUER BETWEEN EACH LAYER. THESE SHOULD BE APPLIED IN CONTINUOUS LAYERS OVER THE CIRCULAR PORTION OF THE SOCKET, THE NUT, THE CABLE INSULATION AND 3/4 INCH OF THE LEAD SHEATH. ALLOW EACH COAT OF GLYPTAL LACQUER TO DRY ONE MINUTE BEFORE APPLYING NEXT LAYER OF TAPE. APPLY A GOOD COAT OF GLYPTAL TO FINAL LAYER OF TAPE.
- ⑩ APPLY A THIN EVEN COAT OF RUBBER CEMENT TO THE MOLE OUTLET AND THE REMAINING CLEANED 3-1/4 INCHES OF THE LEAD SHEATH. ALLOW TO DRY FOR ONE MINUTE BEFORE APPLYING RUBBER TAPE.

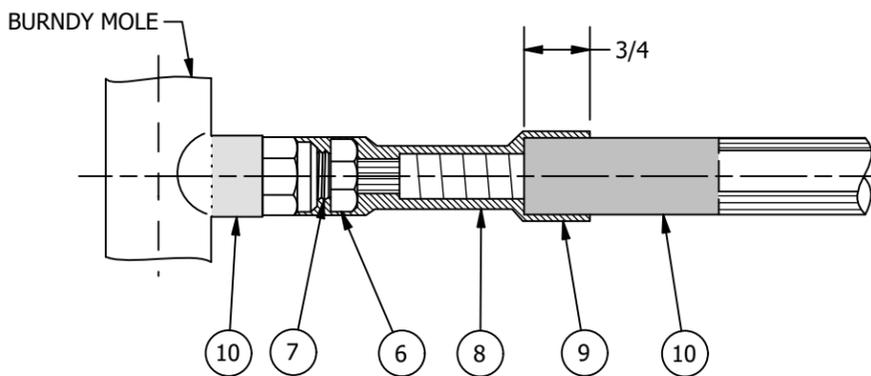


FIG.3

FIG.3

- * ⑪ APPLY HALF-LAPPED CONTINUOUS LAYERS OF RUBBER TAPE WITH SUFFICIENT TENSION TO REDUCE ITS WIDTH FROM 3/4 INCH TO 1/2 INCH. BUILD UP A MINIMUM THICKNESS OF 1-1/2 TIMES THE CABLE INSULATION. THE RUBBER TAPE SHALL COVER THE ENTIRE JOINT FROM THE MOLE BODY TO A POINT 1-1/2 INCHES BEYOND THE SILK TAPE ON THE LEAD SHEATH.



FIG.4

FIG.4

- ⑫ COMPLETELY COVER THE RUBBER TAPE WITH TWO HALF-LAPPED LAYERS OF FRICTION TAPE APPLIED WITH CONSIDERABLE TENSION IN ORDER TO COMPRESS THE RUBBER TAPE. THE FRICTION TAPE SHALL EXTEND 3/4 INCH BEYOND THE RUBBER TAPE ON THE LEAD SHEATH.
- ⑬ PAINT THE ENTIRE SPLICE AND MOLE BODY WITH WATERPROOF INSULATING PAINT.

* WHEREVER RUBBER TAPE IS RECOMMENDED, THE SPLICPAD MAY BE USED TO FURTHER SIMPLIFY THE TAPING OPERATION.

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INSTALLATION INSTRUCTION CABLE TO MOLE			
ITEM NO: --		CAT. NO: --	
SCALE: DRAWING SCALE			
SIZE	DRAWING NO	REV	
B	50073123	B	
SHEET 7 OF 13			

**INSTALLATION INSTRUCTIONS FOR CABLE TO MOLE WITH THE BURNDY NOTAPE SLEEVE
WHEN USED WITH PAPER INSULATED OR VARNISHED CAMBRIC LEAD COVERED CABLE**

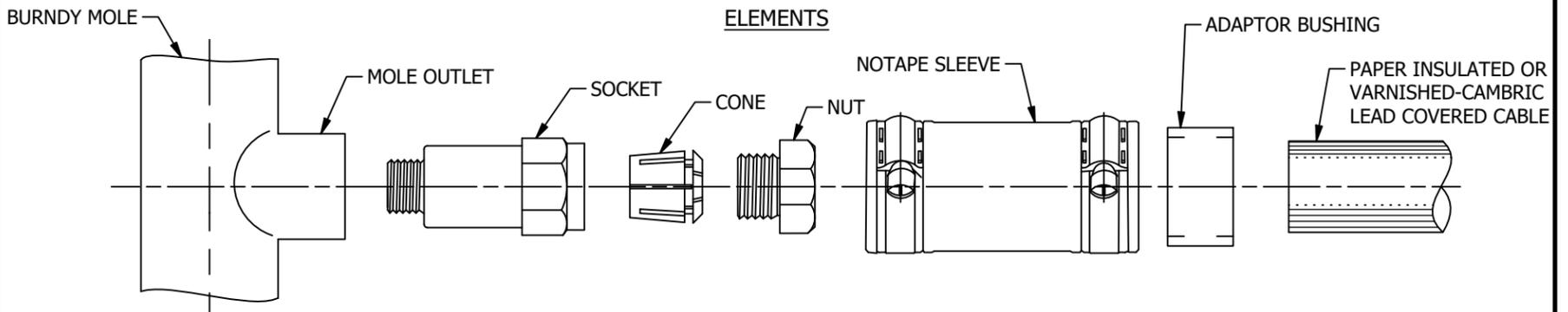
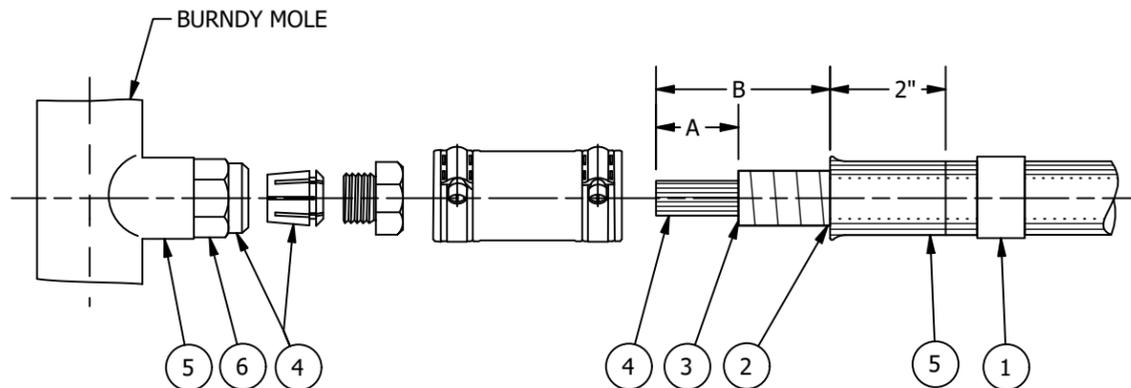


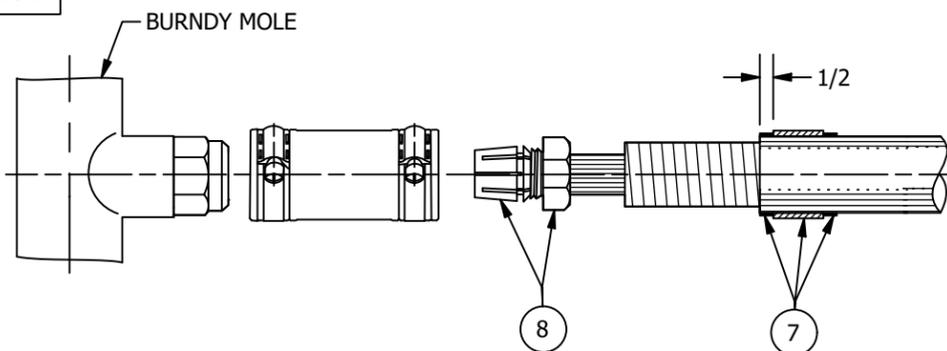
FIG.1



STEPS:

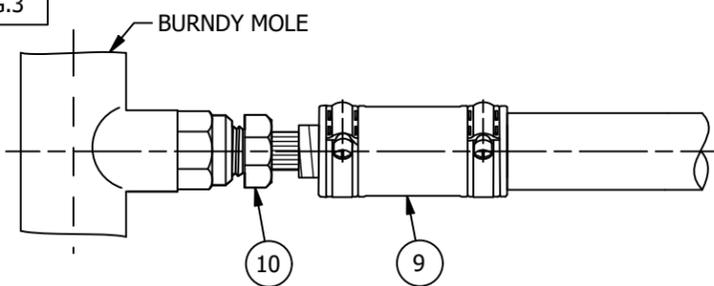
- ① SLIDE THE ADAPTOR BUSHING OVER THE LEAD SHEATH..
- ② REMOVE THE LEAD SHEATH FOR A DISTANCE "B" EQUAL TO THE COMBINED LENGTH OF THE CLAMPING NUT AND CONE PLUS 1-7/8 INCHES. THE LEAD SHEATH SHOULD BE REMOVED FROM THE CABLE END AS FOLLOWS: CUT HALF WAY THROUGH THE LEAD SHEATH AT A DISTANCE "B" FROM THE END OF THE CABLE; SPLIT THE SHEATH LENGTHWISE FROM THE END TO THE CUT; THEN, TEAR LOOSE THE SECTION OF SHEATH BY PULLING ON ONE EDGE WITH PLIERS DIRECTLY AWAY FROM THE CABLE AXIS. A SLIGHT BELL WILL RESULT WHICH SHOULD NOT BE REMOVED.
- ③ REMOVE THE PAPER OR VARNISHED-CAMBRIC INSULATION FROM THE CABLE STRANDS FOR A DISTANCE "A" EQUAL TO THE COMBINED LENGTH OF THE CLAMPING NUT AND CONE PLUS 1/8 INCH.
- ④ CLEAN THE CONTACT SURFACES OF THE SOCKET AND CLAMPING CONE, THE CABLE STRANDS AND ALL EXPOSED METAL SURFACES OF THE CLAMPING ELEMENTS WITH STEEL WOOL OR ABRASIVE CLOTH.
- ⑤ CLEAN AND REMOVE ANY FOREIGN MATTER FROM THE MOLE OUTLET AND 2 INCHES OF THE LEAD SHEATH.
- ⑥ SCREW SOCKET TIGHTLY INTO MOLE OUTLET.

FIG.2



- ⑦ PLACE THE ADAPTOR BUSHING OVER THE LEAD SHEATH 1/2 INCH FROM THE CUT END OF THE SHEATH. THEN SECURE THE BUSHING IN PLACE BY WRAPPING THREE LAYERS OF 1/2 INCH WIDE FRICTION TAPE OVER THE LEAD SHEATH ON BOTH SIDES OF THE ADAPTOR BUSHING.
- ⑧ SLIDE THE CLAMPING NUT AND CONE OVER THE CLEANED CABLE STRANDS.

FIG.3



- ⑨ SLIDE THE NOTAPE SLEEVE BACK OVER THE BUSHING ON THE CABLE AS FAR AS IT WILL GO.
- ⑩ INSERT THE CABLE END, WITH THE CLAMPING CONE ASSEMBLED THEREON, INTO THE SOCKET AND TIGHTEN THE NUT.

FIG.4

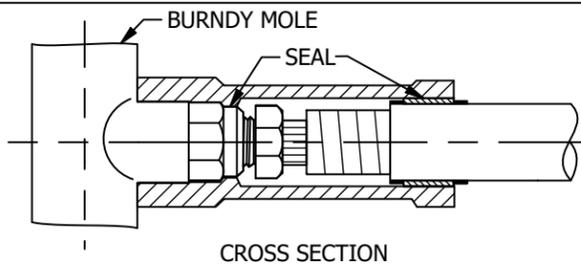
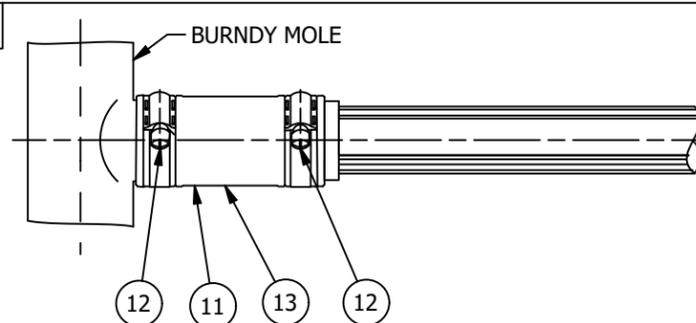


FIG.5



- ⑪ SLIDE THE NOTAPE SLEEVE OVER THE SOCKET TO WITHIN 1/8 INCH OF THE MOLE BODY. IN THIS POSITION THE ADAPTOR BUSHING SHOULD BE DIRECTLY UNDER THE CLAMP AND FLUSH WITH THE END OF THE NOTAPE SLEEVE.
- ⑫ TIGHTEN THE THREE CLAMPS SECURELY OVER THE NOTAPE SLEEVE.
- ⑬ PAINT THE ENTIRE SPLICE AND MOLE BODY WITH WATERPROOF INSULATING PAINT.

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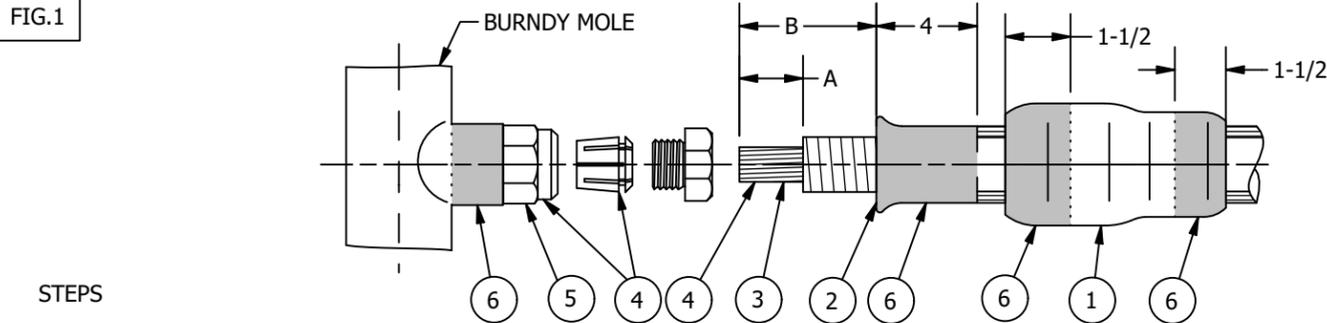
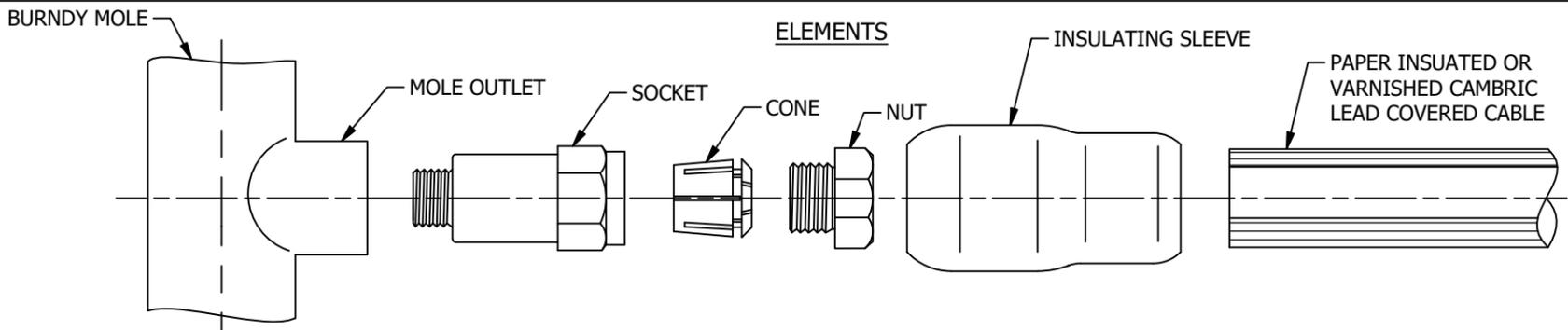
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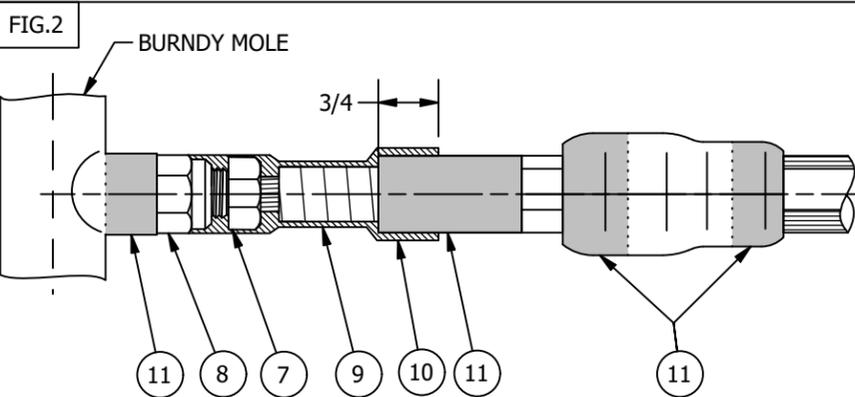
INSTALLATION INSTRUCTION CABLE TO MOLE			
ITEM NO:	--		
CAT. NO:	--		
SCALE:	DRAWING SCALE		
SIZE	DRAWING NO	REV	
B	50073123	B	
SHEET 8 OF 13			

INSTALLATION INSTRUCTIONS FOR CABLE TO MOLE WITH THE BURNDY INSULATING SLEEVE WHEN USED WITH PAPER INSULATED OR VARNISHED-CAMBRIC LEAD-COVERED CABLE

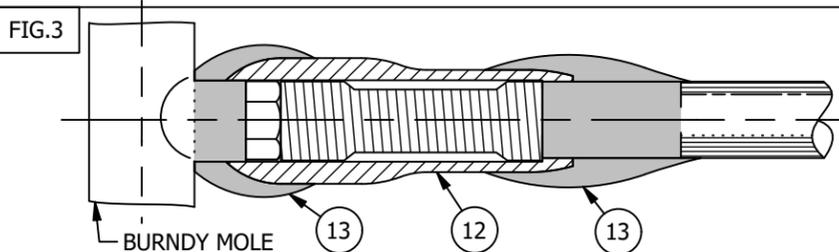


STEPS

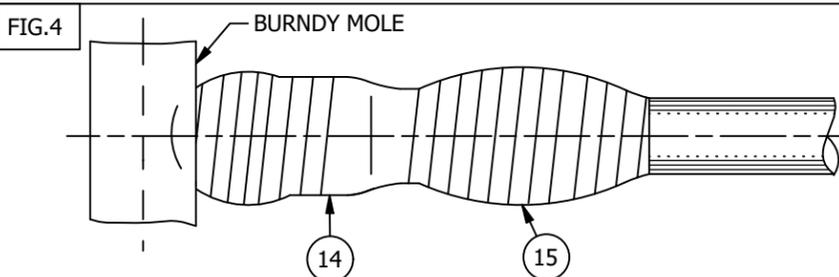
- ① SLIDE INSULATING SLEEVE OVER LEAD SHEATH.
- ② REMOVE THE LEAD SHEATH FOR A DISTANCE "B" EQUAL TO THE COMBINED LENGTH OF THE CLAMPING NUT AND CONE PLUS 1-7/8 INCHES. THE LEAD SHEATH SHOULD BE REMOVED FROM THE CABLE END AS FOLLOWS: CUT HALF WAY THROUGH THE LEAD SHEATH AT A DISTANCE "B" FROM THE END OF THE CABLE; SPLIT THE SHEATH LENGTHWISE FROM THE END TO THE CUT; THEN, TEAR LOOSE THE SECTION OF SHEATH BY PULLING ON ONE EDGE WITH PLIERS DIRECTLY AWAY FROM THE CABLE AXIS. A SLIGHT BELL WILL RESULT WHICH SHOULD NOT BE REMOVED.
- ③ REMOVE THE PAPER OR VARNISHED-CAMBRIC INSULATION FROM THE CABLE STRANDS FOR A DISTANCE "A" EQUAL TO THE COMBINED LENGTH OF THE CLAMPING NUT AND CONE PLUS 1/8 INCH.
- ④ CLEAN THE CONTACT SURFACES OF THE SOCKET AND CLAMPING CONE. THE CABLE STRANDS AND ALL EXPOSED METAL SURFACES OF THE CLAMPING ELEMENTS WITH STEEL WOOL OR ABRASIVE CLOTH.
- ⑤ SCREW SOCKET TIGHTLY INTO MOLE OUTLET.
- ⑥ ROUGHEN AND CLEAN MOLE OUTLET, BOTH ENDS OF INSULATING SLEEVE FOR A LENGTH OF 1-1/2 INCHES ON THE OUTSIDE AND 1/2 INCH ON THE INSIDE, AND 4 INCHES OF LEAD SHEATH WITH ABRASIVE CLOTH OR SMOOTH CUT RASP AND REMOVE ALL FOREIGN MATTER.



- ⑦ SLIDE CLAMPING NUT AND CONE OVER CLEANED CABLE STRANDS.
- ⑧ INSERT CABLE END WITH CONE ASSEMBLED THEREON, INTO SOCKET AND TIGHTEN NUT.
- ⑨ APPLY ONE THIN EVEN COAT OF G.E. 1201 GLYPTAL LACQUER OR EQUIVALENT TO THE EXPOSED METAL CLAMPING ELEMENTS, THE CABLE INSULATION, AND 4 INCHES OF THE LEAD SHEATH. ALLOW TO DRY FOR ONE MINUTE.
- ⑩ APPLY FOUR HALF-LAPPED LAYERS OF 1/2 INCH WIDE SILK TAPE WITH A COAT OF G.E. 1201 GLYPTAL LACQUER BETWEEN EACH LAYER. THESE SHOULD BE APPLIED IN CONTINUOUS LAYERS OVER THE CIRCULAR PORTION OF THE SOCKET, THE NUT, THE CABLE INSULATION AND 3/4 INCH OF THE LEAD. ALLOW EACH COAT OF LACQUER TO DRY ONE MINUTE BEFORE APPLYING NEXT LAYER. APPLY A GOOD COAT OF GLYPTAL TO FINAL LAYER.
- ⑪ APPLY A THIN EVEN COAT OF RUBBER CEMENT TO THE MOLE OULET, THE ROUGHENED SURFACES OF THE INSULATING SLEEVE AND THE REMAINING 3-1/4 INCHES OF THE LEAD SHEATH. ALLOW TO DRY FOR ONE MINUTE.



- ⑫ SLIDE INSULATING SLEEVE OVER SOCKET TO WITHIN 1/2 INCH OF THE MOLE BODY
- ⑬ APPLY THREE HALF-LAPPED LAYERS OF RUBBER TAPE WITH SUFFICIENT TENSION TO REDUCE ITS WIDTH FROM 3/4 INCH TO 1/2 INCH. ON THE MOLE OUTLET SIDE, WRAP CONTINUOUS LAYERS OF RUBBER TAPE OVER THE MOLE OUTLET AND 1-1/2 INCHES OF THE INSULATING SLEEVE. ON THE CABLE SIDE, WRAP 1-1/2 INCHES OF BOTH THE INSULATING SLEEVE AND THE LEAD SHEATH WITH RUBBER TAPE.



- ⑭ COMPLETELY COVER THE RUBBER TAPE WITH TWO HALF-LAPPED LAYERS OF FRICTION TAPE APPLIED WITH CONSIDERABLE TENSION IN ORDER TO COMPRESS THE RUBBER TAPE. THE FRICTION TAPE SHALL EXTEND 3/4 INCH BEYOND THE RUBBER TAPE ON THE INSULATING SLEEVE AND ON THE LEAD SHEATH.
- ⑮ PAINT ENTIRE SPLICE AND MOLE BODY WITH WATERPROOF INSULATING PAINT.

WHERE INSULATING SLEEVES ARE IN TWO PARTS. THE PROCEDURE IS AS FOLLOWS:

- | | |
|---|--|
| <ol style="list-style-type: none"> 1 SAME AS STEP 1 ABOVE. 2 SAME AS STEP 2 ABOVE. 3 SAME AS STEP 3 ABOVE. 4 SAME AS STEP 4 ABOVE. 4A ROUGHEN AND CLEAN MOLE OUTLET AND INSIDE OF SLEEVE WHICH GOES OVER MOLE OUTLET. 4B APPLY A THIN EVEN COAT OF RUBBER CEMENT TO THE MOLE OUTLET. 4C SLIDE THE SLEEVE PART OVER THE MOLE OUTLET. 5 SAME AS STEP 5 ABOVE. 6 SAME AS STEP 6 ABOVE, BUT IN ADDITION CLEAN THE OUTSIDE OF THE SLEEVE PART THAT IS OVER THE MOLE OUTLET. | <ol style="list-style-type: none"> 7 SAME AS STEP 7 ABOVE. 8 SAME AS STEP 8 ABOVE. 9 SAME AS STEP 9 ABOVE. 10 SAME AS STEP 10 ABOVE. 11 SAME AS STEP 11 ABOVE. 12 SLIDE THE OTHER END OF THE INSULATING SLEEVE OVER THE SOCKET UNTIL IT INTERLOCKS WITH THE SLEEVE PART ON THE MOLE OUTLET. 13 SAME AS STEP 13 ABOVE, BUT IN ADDITION, EXTEND THE RUBBER TAPING TO COVER THE ASSEMBLY OF THE TWO PARTS OF THE SLEEVE. 14 SAME AS STEP 14 ABOVE 15 SAME AS STEP 15 ABOVE |
|---|--|

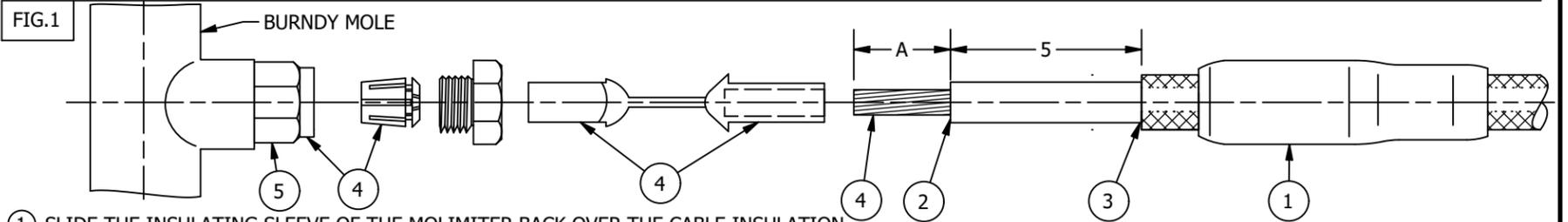
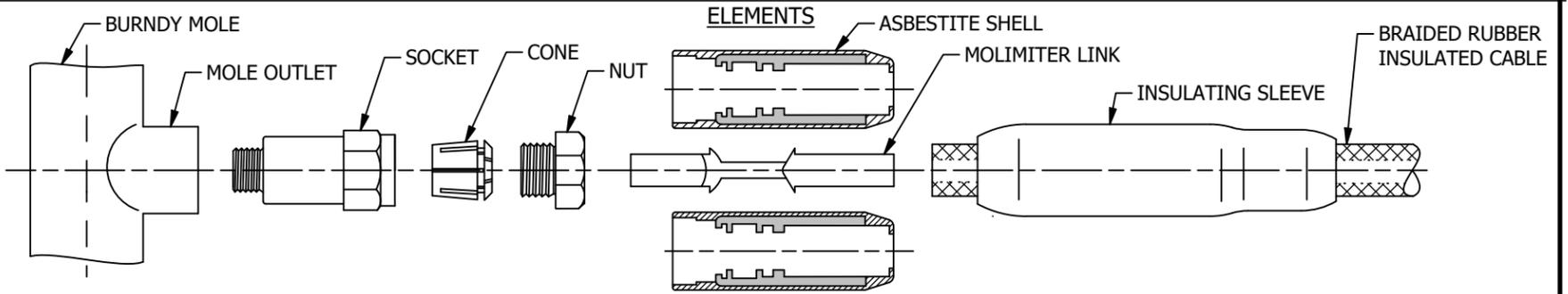
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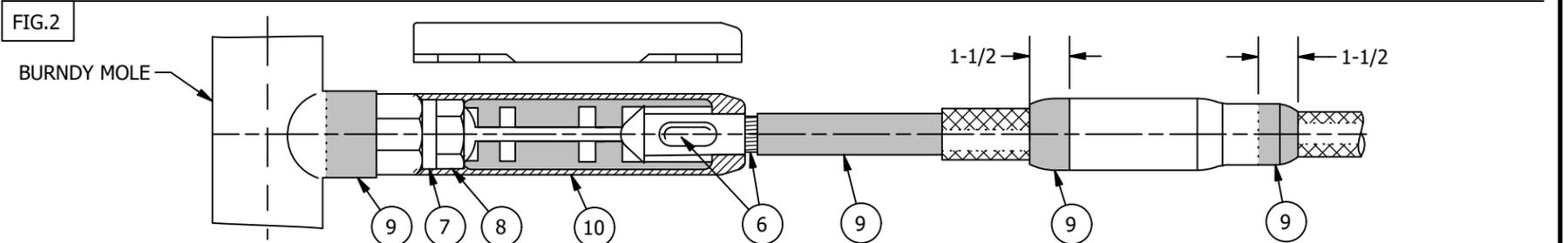
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INSTALLATION INSTRUCTION CABLE TO MOLE			
ITEM NO: --		CAT. NO: --	
SCALE: DRAWING SCALE			
SIZE	DRAWING NO	REV	
B	50073123	B	
SHEET 9 OF 13			

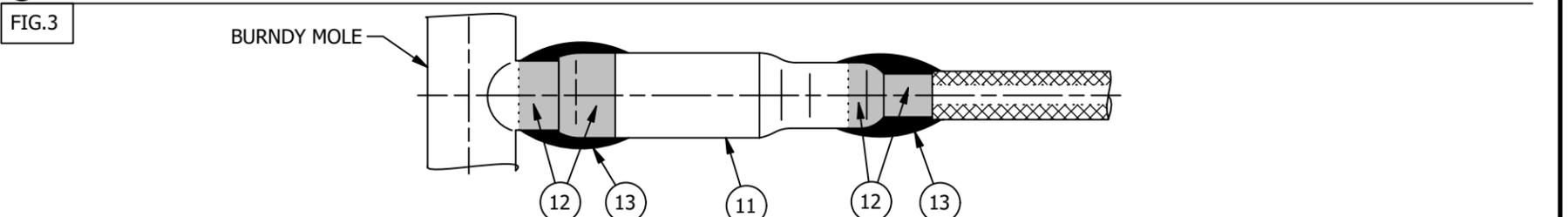
**INSTALLATION INSTRUCTIONS FOR CABLE TO MOLE WITH THE BURNDY MOLIMITER
WHEN USED WITH RUBBER INSULATED CABLE**



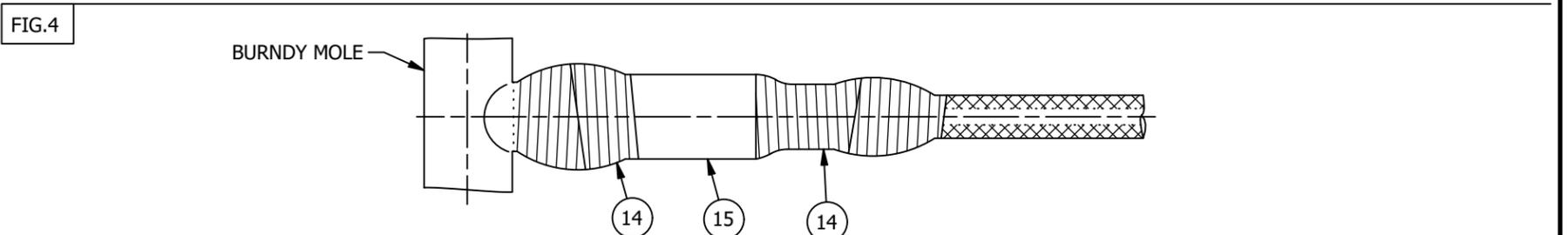
- ① SLIDE THE INSULATING SLEEVE OF THE MOLIMITER BACK OVER THE CABLE INSULATION.
- ② REMOVE THE INSULATION FOR A DISTANCE "A" EQUAL TO 2-1/2 INCHES ON CABLE SIZES 4/0 TO 400 MCM AND 3-1/4 INCHES ON 500 MCM AND 750 MCM.
- ③ REMOVE THE BRAID COVERING FOR A LENGTH OF 5 INCHES, BEING CAREFUL NOT TO CUT INTO THE RUBBER INSULATION.
- ④ CLEAN THE CONTACT SURFACES OF THE SOCKET AND CLAMPING CONE, THE CABLE STRANDS AND ALL CONTACT SURFACES OF THE MOLIMITER LINK WITH STEEL WOOL OR ABRASIVE CLOTH.
- ⑤ SCREW SOCKET TIGHTLY INTO MOLE OUTLET.



- ⑥ INSERT THE CABLE INTO THE MOLIMITER LINK SOCKET AND INDENT USING THE BURNDY HYPRESS. MAKE ONE INDENT ON CABLE SIZES UP TO 250 MCM AND TWO INDENTS ON ALL CABLE SIZES ABOVE 250 MCM.
- ⑦ SLIDE THE CLAMPING NUT AND CONE OVER THE PLUG END OF THE MOLIMITER LINK.
- ⑧ INSERT THE CLAMPING CONE ASSEMBLED ON THE MOLIMITER LINK PLUG END INTO THE SOCKET AND TIGHTEN THE NUT.
- ⑨ ROUGHEN AND CLEAN THE MOLE OUTLET, BOTH ENDS OF THE INSULATING SLEEVE FOR A LENGTH OF 1-1/2 INCHES ON THE OUTSIDE AND 1/2 INCH ON THE INSIDE, AND THE EXPOSED RUBBER INSULATION OF THE CABLE WITH ABRASIVE CLOTH OR SMOOTH CUT RASP AND REMOVE ALL FOREIGN MATTER.
- ⑩ PLACE THE ASBESTITE SHELLS OVER THE MOLIMITER LINK, CENTERING THE SHELLS OVER THE FUSIBLE SECTION.



- ⑪ SLIDE THE INSULATING SLEEVE OVER THE SHELLS TO WITHIN 1/2 INCH OF THE MOLE BODY.
- ⑫ APPLY A THIN EVEN COAT OF RUBBER CEMENT TO THE EXPOSED ROUGHENED SURFACES. ALLOW TO DRY ONE MINUTE BEFORE APPLYING RUBBER TAPE.
- ⑬ APPLY THREE HALF-LAPPED LAYERS OF RUBBER TAPE WITH SUFFICIENT TENSION TO REDUCE ITS WIDTH FROM 3/4 INCH TO 1/2 INCH. ON THE MOLE OULET SIDE, WRAP CONTINUOUS LAYERS OF RUBBER TAPE OVER THE MOLE OUTLET AND 1-1/2 INCHES OF THE INSULATING SLEEVE. ON THE CABLE SIDE, WRAP 1-1/2 INCHES OF BOTH THE INSULATING SLEEVE AND THE RUBBER INSULATION WITH RUBBER TAPE.



- ⑭ COMPLETELY COVER THE RUBBER TAPE WITH TWO HALF-LAPPED LAYERS OF FRICTION TAPE APPLIED WITH CONSIDERABLE TENSION IN ORDER TO COMPRESS THE RUBBER TAPE. THE FRICTION TAPE SHALL EXTEND 3/4 INCH BEYOND THE RUBBER TAPE ON THE INSULATING SLEEVE AND 3/4 INCH OVER THE BRAID COVERING OF THE CABLE TO PREVENT IT FROM FRAYING.
- ⑮ PAINT ENTIRE SPLICE AND MOLE BODY WITH WATERPROOF INSULATING PAINT.

NOTE:-

WHERE THE INSULATING SLEEVE OF THE MOLIMITER IS IN TWO PARTS, THE SMALLER PART IS SLIPPED OVER THE MOLE OUTLET BEFORE THE ASBESTITE SHELL IS PUT IN PLACE AND THEN THE OTHER PART OF THE SLEEVE IS SLIPPED OVER THE ASBESTITE SHELL UNTIL IT INTERLOCKS WITH THE MOLE OUTLET PORT. WHEN THE RUBBER TAPE IS APPLIED, IT MUST BE EXTENDED TO COVER THE ASSEMBLY OF THE TWO PARTS OF THE SLEEVE.

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INSTALLATION INSTRUCTION CABLE TO MOLE			
ITEM NO: --		CAT. NO: --	
SCALE: DRAWING SCALE		REV	
SIZE	DRAWING NO	REV	
B	50073123	B	
SHEET 10 OF 13			



**INSTALLATION INSTRUCTIONS FOR CABLE TO MOLE WITH THE BURNDY MOLIMETER
WHEN USED WITH RUBBER INSULATED LEAD-COVERED CABLE**

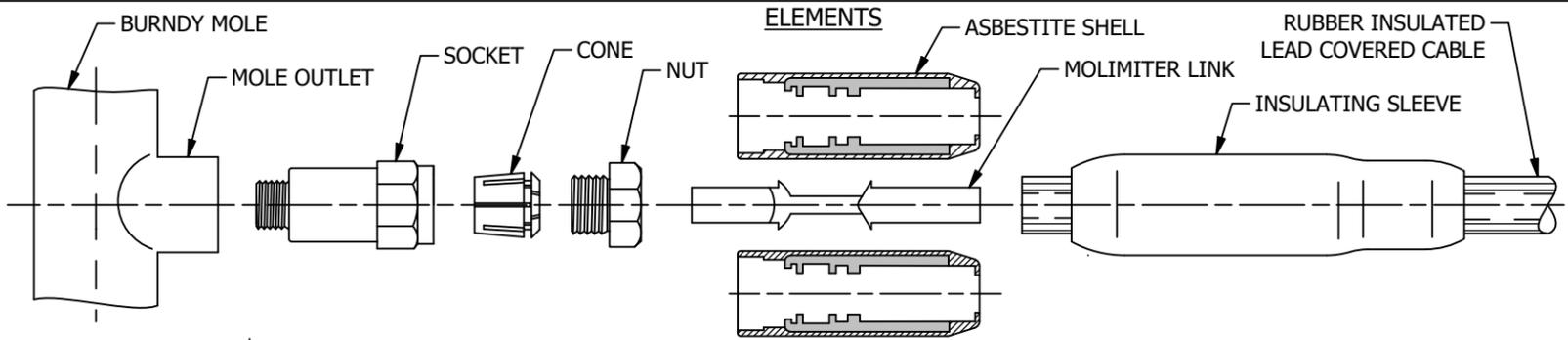
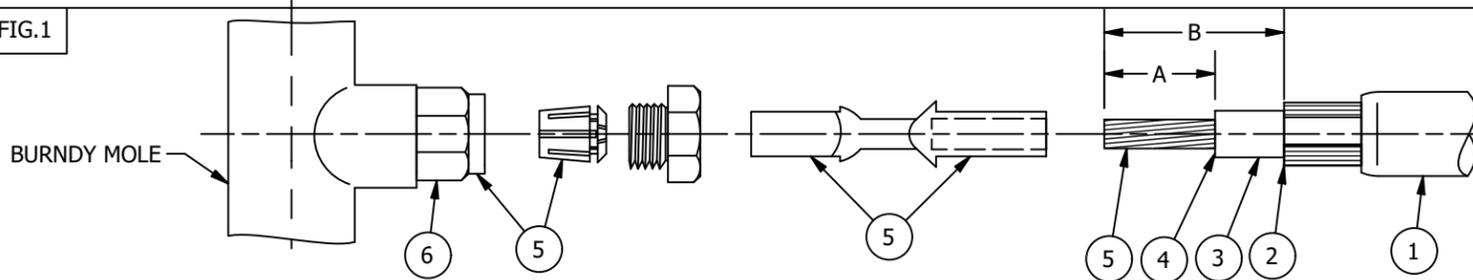
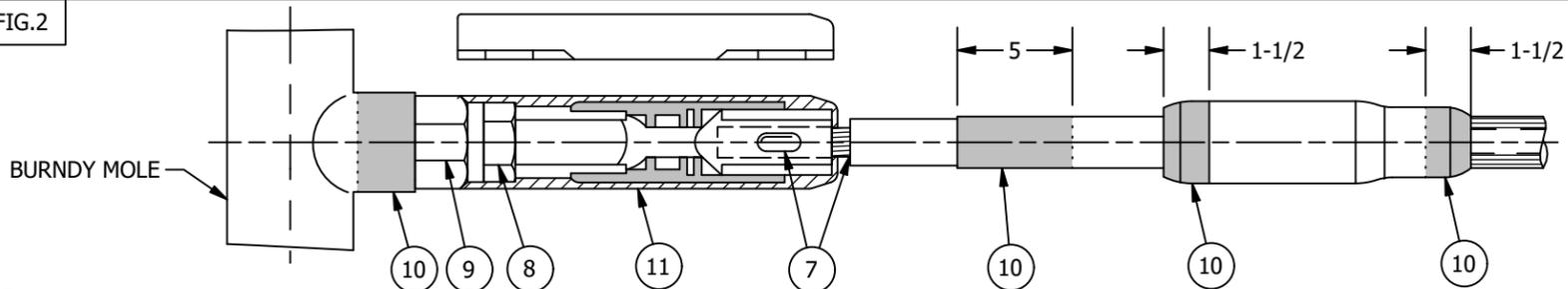


FIG.1



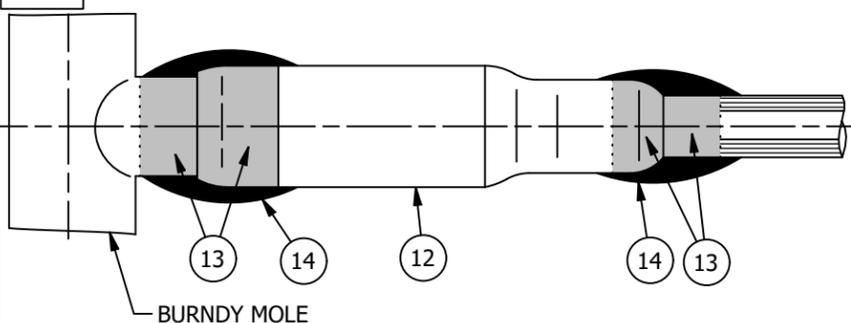
- ① SLIDE THE INSULATING SLEEVE OF THE MOLIMETER BACK OVER THE LEAD SHEATH.
- ② REMOVE THE LEAD SHEATH FOR A DISTANCE "B" EQUAL TO 4-1/4 INCHES ON CABLE SIZES FROM 4/0 TO 400 MCM AND 5 INCHES FOR 500 MCM AND 750 MCM. THE LEAD SHEATH SHOULD BE REMOVED FROM THE CABLE END AS FOLLOWS: CUT HALF WAY THROUGH THE LEAD SHEATH AT A DISTANCE "B" FROM THE END OF THE CABLE; SPLIT THE SHEATH LENGTHWISE FROM THE END TO THE CUT; THEN, TEAR LOOSE THE SECTION OF SHEATH BY PULLING ON ONE EDGE WITH PLIERS DIRECTLY AWAY FROM THE CABLE AXIS. A SLIGHT BELL WILL RESULT WHICH SHOULD NOT BE REMOVED.
- ③ REMOVE ALL BRAID THAT MAY APPEAR BETWEEN THE RUBBER INSULATION AND THE LEAD SHEATH EXPOSING THE RUBBER INSULATION.
- ④ REMOVE THE RUBBER INSULATION FROM THE CABLE STRANDS FOR A DISTANCE "A" EQUAL TO 2-1/2 INCHES ON CABLE SIZES 4/0 TO 400 MCM AND 3-1/4 INCHES ON 500 MCM AND 750 MCM.
- ⑤ CLEAN THE CONTACT SURFACES OF THE SOCKET AND CLAMPING CONE, THE CABLE STRANDS AND ALL CONTACT SURFACES OF THE MOLIMETER LINK WITH STEEL WOOL OR ABRASIVE CLOTH.
- ⑥ SCREW THE SOCKET TIGHTLY INTO THE MOLE OUTLET.

FIG.2



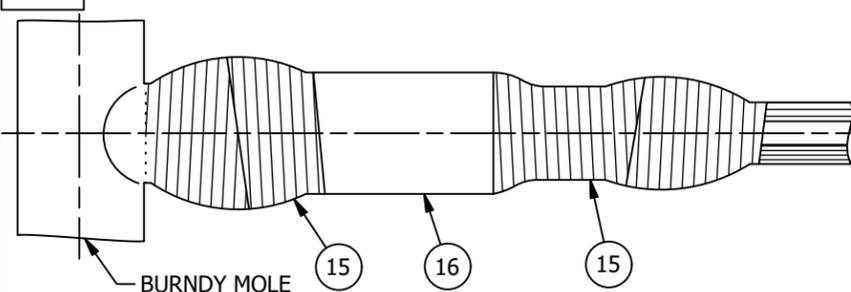
- ⑦ INSERT THE CABLE INTO THE MOLIMETER LINK SOCKET AND INDENT USING THE BURNDY HYPRESS. MAKE AN INDENT ON CABLE SIZES UP TO 250 MCM AND TWO INDENTS ON ALL CABLE SIZES ABOVE 250 MCM.
- ⑧ SLIDE CLAMPING NUT AND CONE OVER PLUG END OF THE MOLIMETER LINK.
- ⑨ INSERT THE CLAMPING CONE ASSEMBLED ON THE MOLIMETER LINK PLUG END INTO THE SOCKET AND TIGHTEN THE NUT.
- ⑩ ROUGHEN AND CLEAN THE MOLE OUTLET, BOTH ENDS OF THE INSULATING SLEEVE FOR A LENGTH OF 1-1/2 INCHES ON THE OUTSIDE AND 1/2 INCH ON THE INSIDE, AND 5 INCHES OF THE LEAD SHEATH WITH ABRASIVE CLOTH OR SMOOTH CUT RASP AND REMOVE ALL FOREIGN MATTER.
- ⑪ PLACE THE ASBESTITE SHELLS OVER THE MOLIMETER LINK, CENTERING THE SHELLS OVER THE FUSIBLE SECTION.

FIG.3



- ⑫ SLIDE THE INSULATING SLEEVE OVER THE SHELLS TO WITHIN 1/2 INCH OF THE MOLE BODY.
- ⑬ APPLY A THIN EVEN COAT OF RUBBER CEMENT TO THE EXPOSED ROUGHENED SURFACES. ALLOW TO DRY FOR ONE MINUTE BEFORE APPLYING RUBBER TAPE.
- ⑭ APPLY THREE HALF-LAPPED LAYERS OF RUBBER TAPE WITH SUFFICIENT TENSION TO REDUCE ITS WIDTH FROM 3/4 INCH TO 1/2 INCH. ON THE MOLE OUTLET SIDE, WRAP CONTINUOUS LAYERS OF RUBBER TAPE OVER THE MOLE OUTLET AND 1-1/2 INCHES OF THE INSULATING SLEEVE. ON THE CABLE SIDE, WRAP 1-1/2 INCHES OF BOTH THE INSULATING SLEEVE AND THE LEAD SHEATH WITH RUBBER TAPE.

FIG.4



- ⑮ COMPLETELY COVER THE RUBBER TAPE WITH TWO HALF-LAPPED LAYERS OF FRICTION TAPE APPLIED WITH CONSIDERABLE TENSION IN ORDER TO COMPRESS THE RUBBER TAPE. THE FRICTION TAPE SHALL EXTEND 3/4 INCH BEYOND THE RUBBER TAPE ON THE INSULATING SLEEVE AND THE LEAD SHEATH.
- ⑯ PAINT THE ENTIRE SPLICE AND MOLE BODY WITH WATERPROOF INSULATING PAINT.

NOTE:- WHERE THE INSULATING SLEEVE OF THE MOLIMETER IS IN TWO PARTS, THE SMALLER PART IS SLIPPED OVER THE MOLE OUTLET BEFORE THE ASBESTITE SHELL IS PUT IN PLACE AND THEN THE OTHER PART OF THE SLEEVE IS SLIPPED OVER THE ASBESTITE SHELL UNTIL IT INTERLOCKS WITH THE MOLE OUTLET PORT. WHEN THE RUBBER TAPE IS APPLIED, IT MUST BE EXTENDED TO COVER THE ASSEMBLY OF THE TWO PARTS OF THE SLEEVE.

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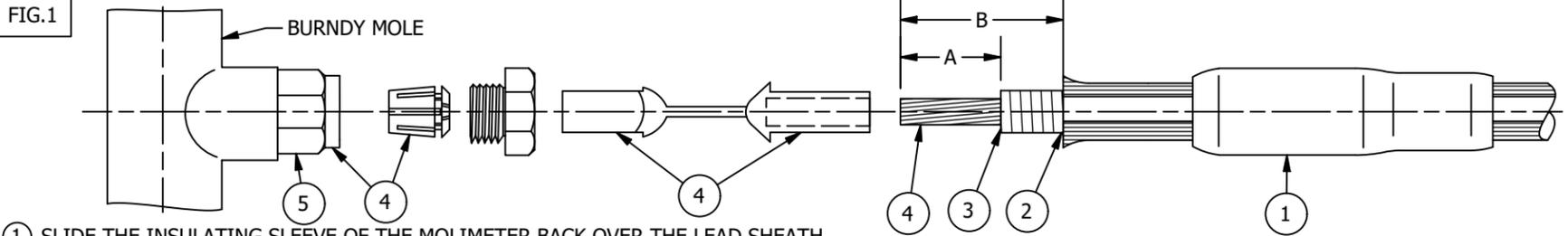
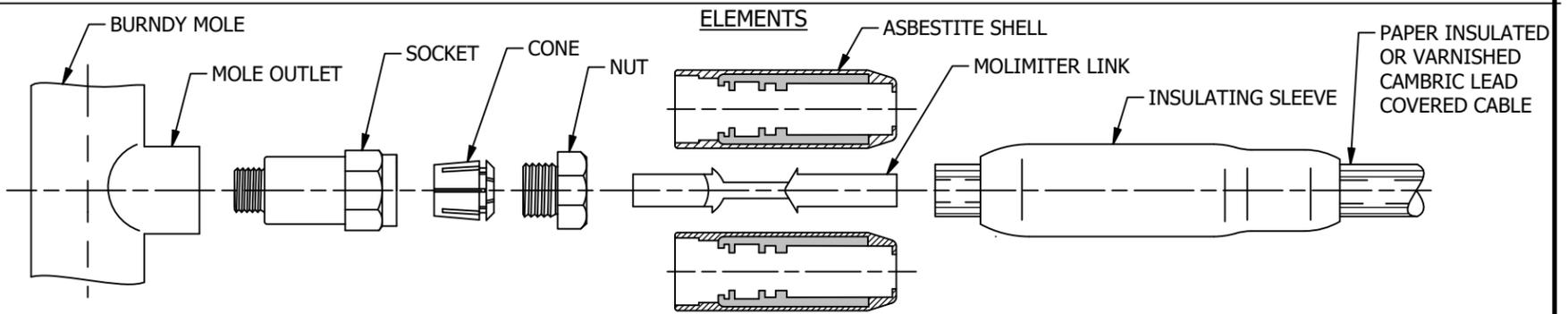
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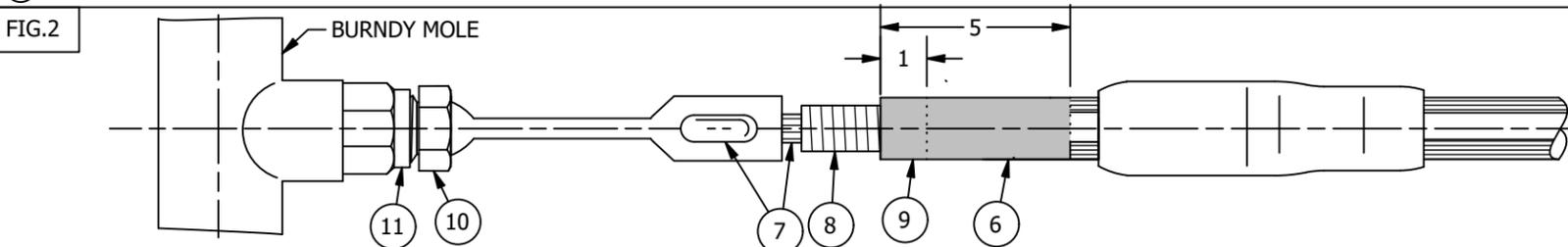
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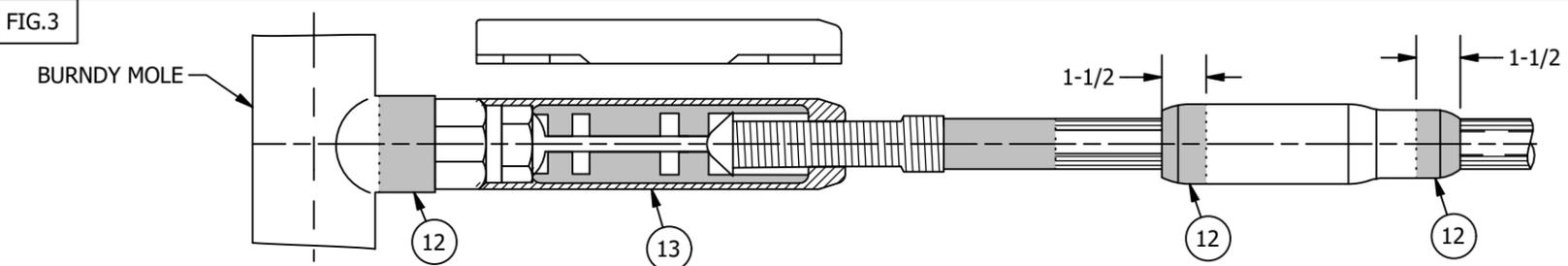
INSTALLATION INSTRUCTIONS FOR CABLE TO MOLE WITH THE BURNDY MOLIMETER WHEN USED WITH PAPER INSULATED OR VARNISHED CAMBRIC LEAD COVERED CABLE



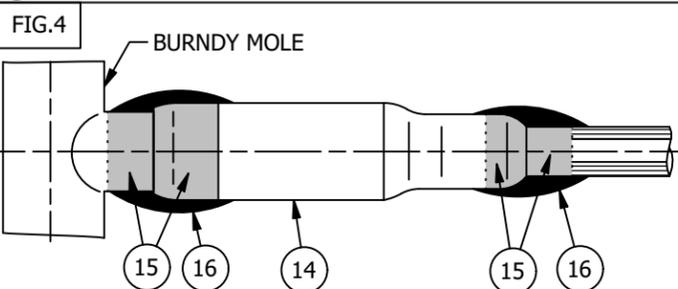
- ① SLIDE THE INSULATING SLEEVE OF THE MOLIMETER BACK OVER THE LEAD SHEATH.
- ② REMOVE THE LEAD SHEATH FOR A DISTANCE "B" EQUAL TO 4-1/4 INCHES ON CABLE SIZES FROM 4/0 TO 400 MCM AND 5 INCHES FOR 500 MCM AND 750 MCM. THE LEAD SHEATH SHOULD BE REMOVED FROM THE CABLE END AS FOLLOWS: CUT HALF WAY THROUGH THE LEAD SHEATH AT A DISTANCE "B" FROM THE END OF THE CABLE; SPLIT THE SHEATH LENGTHWISE FROM THE END TO THE CUT; THEN, TEAR LOOSE THE SECTION OF SHEATH BY PULLING ON ONE EDGE WITH PLIERS DIRECTLY AWAY FROM THE CABLE AXIS. A SLIGHT BELL WILL RESULT WHICH SHOULD NOT BE REMOVED.
- ③ REMOVE THE PAPER OR VARNISHED-CAMBRIC INSULATION FROM THE CABLE STRANDS FOR A DISTANCE "A" EQUAL TO 2-1/2 INCHES ON CABLE SIZES FROM 4/0 TO 400 MCM AND 3-1/4 INCHES ON 500 MCM AND 750 MCM.
- ④ CLEAN THE CONTACT SURFACES OF THE SOCKET AND CLAMPING CONE, THE CABLE STRANDS AND ALL CONTACT SURFACES OF THE MOLIMETER LINK WITH STEEL WOOL OR ABRASIVE CLOTH.
- ⑤ SCREW THE SOCKET TIGHTLY INTO THE MOLE OUTLET.



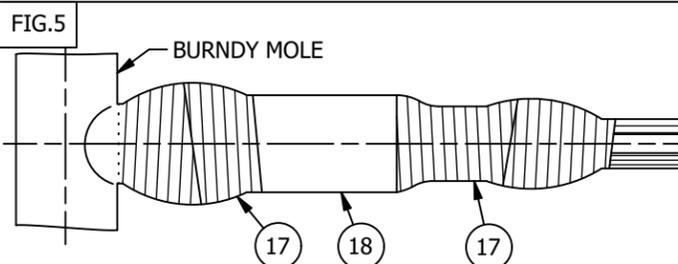
- ⑥ ROUGHEN AND CLEAN 5 INCHES OF THE LEAD SHEATH WITH ABRASIVE CLOTH OR SMOOTH CUT RASP AND REMOVE ALL FOREIGN MATTER.
- ⑦ INSERT THE CABLE INTO THE MOLIMETER LINK SOCKET AND INDENT USING THE BURNDY HYPRESS. MAKE ONE INDENT ON CABLE SIZES UP TO 250 MCM AND TWO INDENTS ON ALL CABLE SIZES ABOVE 250 MCM. THEN ROUGHEN AND CLEAN THE MOLIMETER CABLE SOCKET.
- ⑧ APPLY A THIN EVEN COAT OF G.E. 1201 GLYPTAL LACQUER OR EQUIVALENT TO THE MOLIMETER CABLE SOCKET, THE PAPER OR VARNISHED-CAMBRIC INSULATION AND ONE INCH OF THE LEAD SHEATH. ALLOW TO DRY FOR ONE MINUTE.
- ⑨ APPLY FOUR HALF-LAPPED LAYERS OF 1/2 INCH WIDE SILK TAPE WITH A COAT OF G.E. 1201 GLYPTAL LACQUER BETWEEN EACH LAYER. THESE SHOULD BE APPLIED IN CONTINUOUS LAYERS OVER THE MOLIMETER CABLE SOCKET, THE PAPER OR VARNISHED-CAMBRIC INSULATION AND 3/4 INCH OF THE LEAD SHEATH. ALLOW EACH COAT OF GLYPTAL TO DRY ONE MINUTE BEFORE APPLYING NEXT LAYER OF TAPE. APPLY A GOOD COAT OF GLYPTAL TO FINAL LAYER OF TAPE.
- ⑩ SLIDE THE CLAMPING NUT AND CONE OVER THE PLUG END OF THE MOLIMETER LINK.
- ⑪ INSERT THE CLAMPING CONE ASSEMBLED ON THE MOLIMETER LINK PLUG END INTO THE SOCKET AND TIGHTEN THE NUT.



- ⑫ ROUGHEN AND CLEAN THE MOLE OUTLET, BOTH ENDS OF THE INSULATING SLEEVE FOR A LENGTH OF 1-1/2 INCHES ON THE OUTSIDE AND 1/2 INCH ON THE INSIDE.
- ⑬ PLACE THE ASBESTITE SHELLS OVER THE MOLIMETER LINK, CENTERING THE SHELLS OVER THE FUSIBLE SECTION.



- ⑭ SLIDE THE INSULATING SLEEVE OVER THE SHELLS TO WITHIN 1/2 INCH OF THE MOLE BODY.
- ⑮ APPLY A THIN EVEN COAT OF RUBBER CEMENT TO THE EXPOSED ROUGHENED SURFACES. ALLOW TO DRY ONE MINUTE BEFORE APPLYING TAPE.
- ⑯ APPLY THREE HALF-LAPPED LAYERS OF RUBBER TAPE WITH SUFFICIENT TENSION TO REDUCE ITS WIDTH FROM 3/4 INCH TO 1/2 INCH. ON THE MOLE OULET SIDE, WRAP CONTINUOUS LAYERS OF RUBBER TAPE OVER THE MOLE OUTLET AND 1-1/2 INCHES OF THE INSULATING SLEEVE. ON THE CABLE SIDE, WRAP 1-1/2 INCHES OF BOTH THE INSULATING SLEEVE AND THE LEAD SHEATH WITH RUBBER TAPE.



- ⑰ COMPLETELY COVER THE RUBBER TAPE WITH TWO HALF-LAPPED LAYERS OF FRICTION TAPE APPLIED WITH CONSIDERABLE TENSION IN ORDER TO COMPRESS THE RUBBER TAPE. THE FRICTION TAPE SHALL EXTEND 3/4 INCH BEYOND THE RUBBER TAPE ON THE INSULATING SLEEVE AND THE LEAD SHEATH.
- ⑱ PAINT THE ENTIRE SPLICE AND MOLE BODY WITH WATERPROOF INSULATING PAINT.

NOTE:-
WHERE THE INSULATING SLEEVE OF THE MOLIMETER IS IN TWO PARTS, THE SMALLER PART IS SLIPPED OVER THE MOLE OUTLET BEFORE THE ASBESTITE SHELL IS PUT IN PLACE AND THEN THE OTHER PART OF THE SLEEVE IS SLIPPED OVER THE ASBESTITE SHELL UNTIL IT INTERLOCKS WITH THE MOLE OUTLET PORT. WHEN THE RUBBER TAPE IS APPLIED, IT MUST BE EXTENDED TO COVER THE ASSEMBLY OF THE TWO PARTS OF THE SLEEVE.

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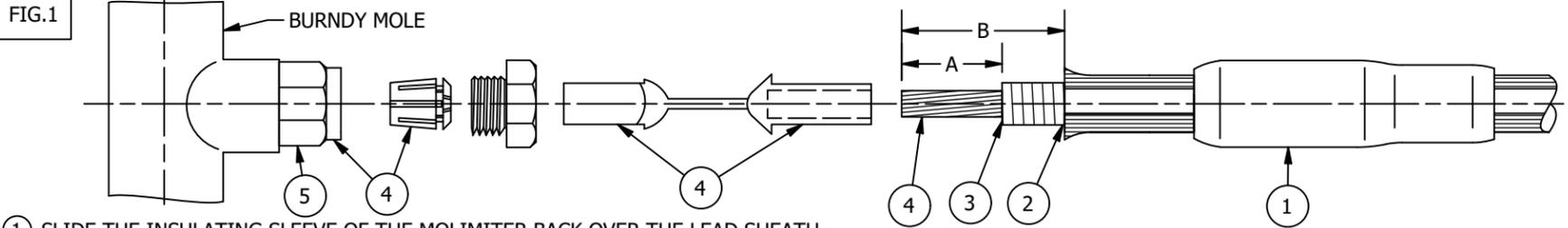
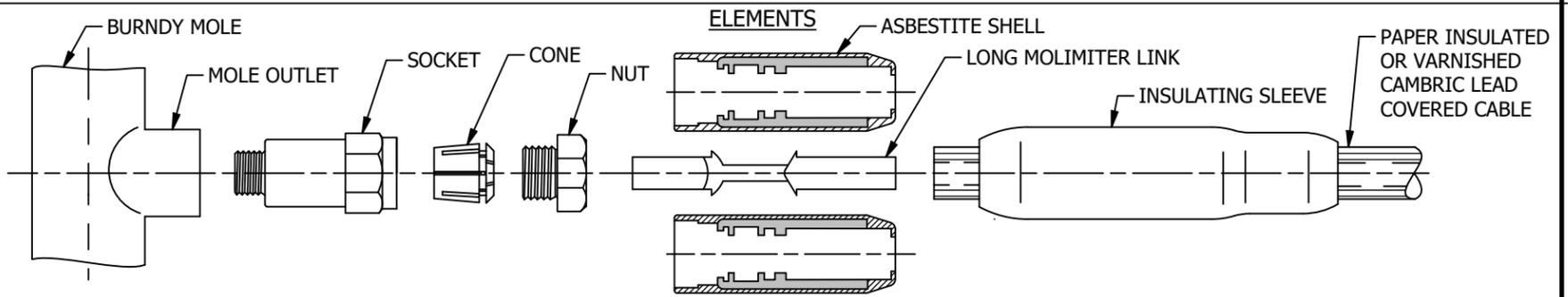
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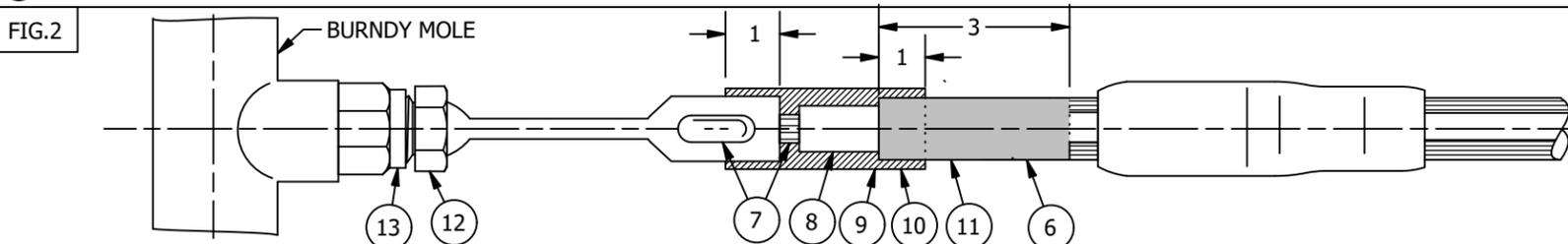
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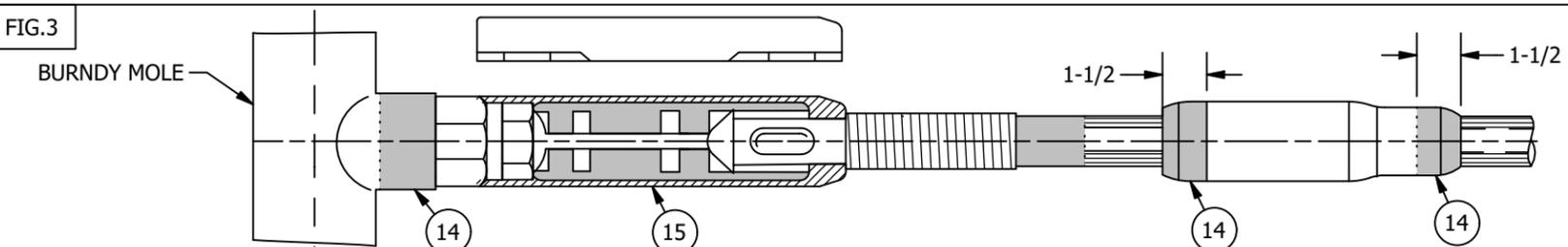
INSTALLATION INSTRUCTIONS FOR CABLE TO MOLE WITH THE BURNDY LONG MOLIMETER WHEN USED WITH PAPER INSULATED OR VARNISHED CAMBRIC LEAD COVERED CABLE



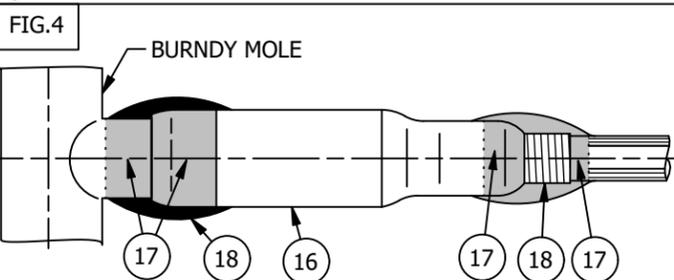
- ① SLIDE THE INSULATING SLEEVE OF THE MOLIMETER BACK OVER THE LEAD SHEATH.
- ② REMOVE THE LEAD SHEATH FOR A DISTANCE "B" EQUAL TO 5-1/2 INCHES ON CABLE SIZES FROM 4/0 TO 400 MCM AND 6-1/4 INCHES FOR 500 MCM AND 750 MCM. THE LEAD SHEATH SHOULD BE REMOVED FROM THE CABLE END AS FOLLOWS: CUT HALF WAY THROUGH THE LEAD SHEATH AT A DISTANCE "B" FROM THE END OF THE CABLE; SPLIT THE SHEATH LENGTHWISE FROM THE END TO THE CUT; THEN, TEAR LOOSE THE SECTION OF SHEATH BY PULLING ON ONE EDGE WITH PLIERS DIRECTLY AWAY FROM THE CABLE AXIS. A SLIGHT BELL WILL RESULT WHICH SHOULD NOT BE REMOVED.
- ③ REMOVE THE PAPER OR VARNISHED-CAMBRIC INSULATION FROM THE CABLE STRANDS FOR A DISTANCE "A" EQUAL TO 3-3/4 INCHES ON CABLE SIZES FROM 4/0 TO 400 MCM AND 4-1/2 INCHES ON 500 MCM AND 750 MCM.
- ④ CLEAN THE CONTACT SURFACES OF THE SOCKET AND CLAMPING CONE, THE CABLE STRANDS AND THE MOLIMETER LINK WITH STEEL WOOL OR ABRASIVE CLOTH.
- ⑤ SCREW THE SOCKET TIGHTLY INTO THE MOLE OUTLET.



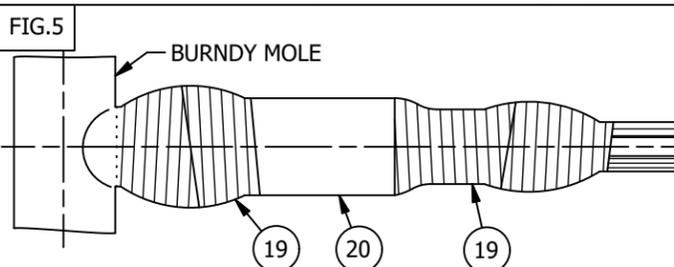
- ⑥ ROUGHEN AND CLEAN 3 INCHES OF THE LEAD SHEATH WITH ABRASIVE CLOTH OR SMOOTH CUT RASP AND REMOVE ALL FOREIGN MATTER.
- ⑦ INSERT THE CABLE INTO THE MOLIMETER LINK SOCKET AND INDENT USING THE BURNDY HYPRESS. MAKE ONE INDENT ON CABLE SIZES UP TO 250 MCM AND TWO INDENTS ON ALL CABLE SIZES ABOVE 250 MCM. THE INDENTS SHOULD BE MADE ON THE CABLE SOCKET CLOSE TO THE FUSIBLE SECTION SO AS TO PERMIT AT LEAST ONE INCH OF THE CABLE SOCKET TO REMAIN UNDEFORMED. THEN ROUGHEN AND CLEAN THE CABLE SOCKET WITH STEEL WOOL OR ABRASIVE CLOTH.
- ⑧ APPLY A THIN EVEN COAT OF G.E. 1201 GLYPTAL LACQUER OR EQUIVALENT TO THE EXPOSED PAPER OR VARNISHED-CAMBRIC INSULATION.
- ⑨ APPLY WRAPPINGS OF 3/4 INCH WIDE SILK TAPE OVER THE BARE CABLE AND PAPER OR VARNISHED-CAMBRIC INSULATION. BUILD UP THE SILK TAPE TO THE DIAMETER OF THE LEAD SHEATH.
- ⑩ APPLY A THIN EVEN COAT OF G.E. 1201 GLYPTAL TO THE MOLIMETER CABLE SOCKET, THE SILK TAPE AND ONE INCH OF THE LEAD SHEATH. ALLOW TO DRY FOR ONE MINUTE.
- ⑪ APPLY FOUR HALF-LAPPED LAYERS OF 1/2 INCH WIDE SILK TAPE WITH A COAT OF G.E. 1201 GLYPTAL LACQUER BETWEEN EACH LAYER. THESE SHOULD BE APPLIED IN CONTINUOUS LAYERS OVER THE MOLIMETER CABLE SOCKET, THE SILK TAPE AND 3/4 INCH OF THE LEAD SHEATH. ALLOW EACH COAT OF GLYPTAL TO DRY ONE MINUTE BEFORE APPLYING NEXT LAYER OF TAPE. APPLY A GOOD COAT OF GLYPTAL TO FINAL LAYER OF TAPE.
- ⑫ SLIDE CLAMPING NUT AND CONE OVER THE PLUG END OF MOLIMETER LINK.
- ⑬ INSERT THE CLAMPING CONE ASSEMBLED ON THE MOLIMETER LINK PLUG END INTO THE SOCKET AND TIGHTEN THE NUT.



- ⑭ ROUGHEN AND CLEAN THE MOLE OUTLET AND BOTH ENDS OF THE INSULATING SLEEVE 1-1/2 INCHES ON THE OUTSIDE AND 1/2 INCH ON THE INSIDE.
- ⑮ PLACE THE ASBESTITE SHELLS OVER THE MOLIMETER LINK, CENTERING THE SHELLS OVER THE FUSIBLE SECTION.



- ⑯ SLIDE THE INSULATING SLEEVE OVER THE SHELLS TO WITHIN 1/2 INCH OF THE MOLE BODY.
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- ⑲ COMPLETELY COVER THE RUBBER TAPE WITH TWO HALF-LAPPED LAYERS OF FRICTION TAPE APPLIED WITH CONSIDERABLE TENSION IN ORDER TO COMPRESS THE RUBBER TAPE. THE FRICTION TAPE SHALL EXTEND 3/4 INCH BEYOND THE RUBBER TAPE ON THE INSULATING SLEEVE AND THE LEAD SHEATH.
- ⑳ PAINT ENTIRE SPLICE AND MOLE WITH WATERPROOF INSULATING PAINT.

NOTE:-
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