

FIG. 1

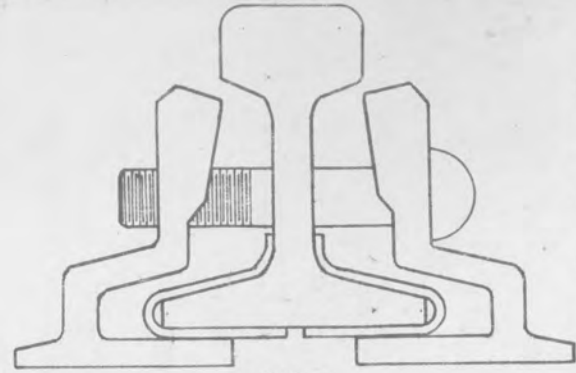


FIG. 2

1. ST. INSERT END POST, D, RAIL ENDS PRESSING FIRMLY AGAINST IT.
2. ND. APPLY BASE FIBERS, C, TO BOTH SIDES OF THE RAILS FIG. 1.
3. RD. FIX ANGLE BARS LOOSELY IN POSITION FIG. 2.

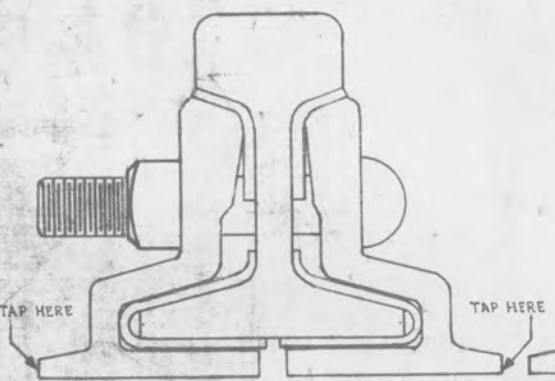


FIG. 3

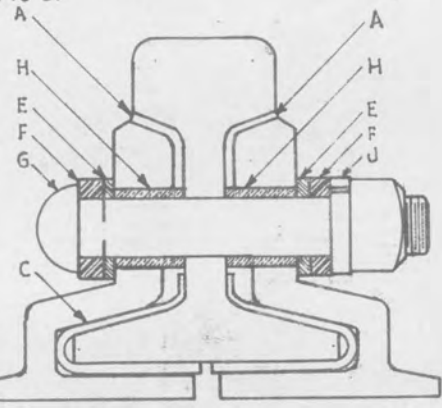
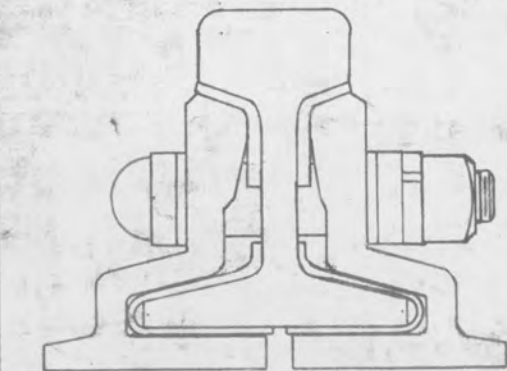


FIG. 4

4. TH. PLACE AND HOLD TOP FIBERS, A, IN POSITION AND DRAW METAL PLATES, ANGLE BARS, TOGETHER, WITH TEMPORARY BOLTS, TO THE POSITION SHOWN IN FIG. 3, TAPPING LIGHTLY AT POINTS INDICATED IF NECESSARY.
5. TH. REMOVE TEMPORARY BOLTS ONE AT A TIME, AND INSERT BUSHINGS, H, CAREFULLY, WITH FIBER WASHERS, E, METAL WASHERS, F, LOCK NUT, J, AND BOLTS, G, AS SHOWN BY FIG. 4 TIGHTENING NUTS PROPERLY.



ASSEMBLY

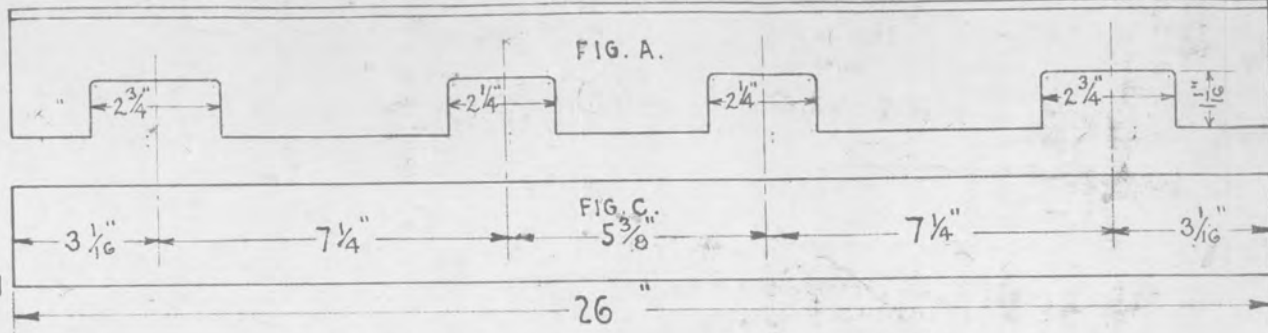


FIG. A.

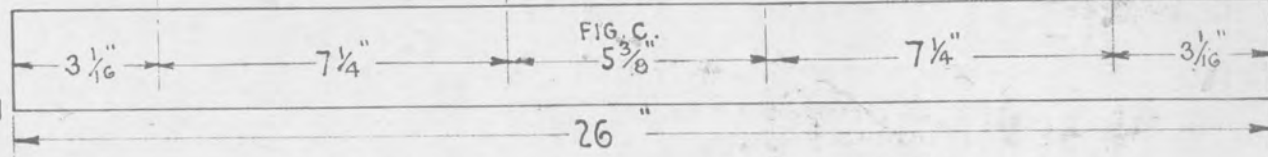
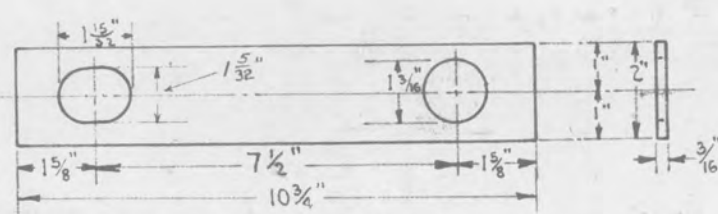
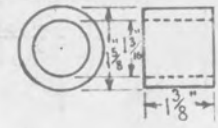


FIG. C.

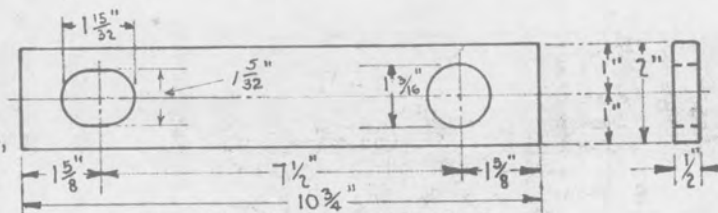
FIBER HEAD PIECE FIG. A. FIBER BASE PIECE FIG. C.



FIBER WASHER PLATE FIG. E.



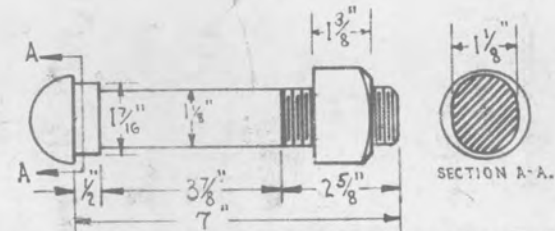
FIBER BUSHING FIG. H.



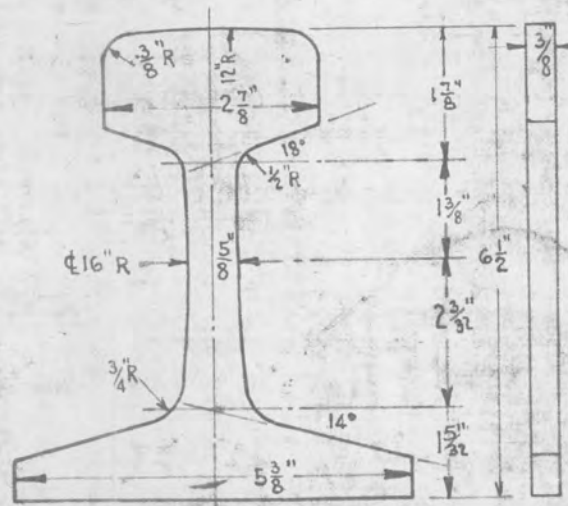
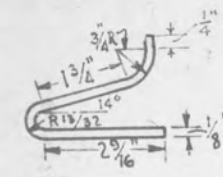
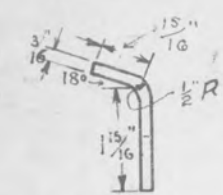
METAL WASHER PLATES FIG. F.



HI-POWER NUT LOCK FOR 1/8" BOLT. FIG. J.



BUTTON HEAD TRACK BOLT U.S. STD. CUT TH'D. FIG. G.



FIBER END POST FIG. D.

G. N. RY.
PLAN OF STANDARD
CONTINUOUS NO. 1 INSULATED RAIL JOINT
P. S. 130 - L.B.

WITH INSTRUCTIONS FOR INSTALLATION AND MAINTENANCE
 OFFICE OF SIGNAL ENGINEER ST. PAUL, MINN.
 SCALE VARIOUS JAN. 1923

SECTION FOREMEN ARE RESPONSIBLE FOR THE PROPER CARE OF INSULATED RAIL JOINTS. THE PROPER INSTALLATION AND MAINTENANCE OF INSULATED RAIL JOINTS HAS A MOST IMPORTANT BEARING ON THE OPERATION OF ALL SIGNAL APPARATUS CONTROLLED BY ELECTRIC TRACK CIRCUITS. IT IS THE DUTY OF SIGNAL REPAIRMEN TO SECURE AND KEEP ON HAND SUFFICIENT FIBER AND METAL REPAIR PARTS TO PROPERLY MAINTAIN THE INSULATED JOINTS IN THEIR TERRITORY FOR A PERIOD OF SIXTY DAYS. THEY WILL MAKE FREQUENT INSPECTION OF ALL INSULATED RAIL JOINTS AND WILL SUPPLY SECTION FOREMEN WITH REPAIR PARTS AS REQUIRED. SECTION FOREMEN WILL ALSO MAKE FREQUENT INSPECTIONS OF ALL INSULATED RAIL JOINTS OBTAINING FROM SIGNAL REPAIRMAN NECESSARY REPAIR PARTS, AND MAKE REPAIRS PROMPTLY. RAILS WITH SAWED ENDS ONLY SHALL BE USED WITH INSULATED JOINTS. SHARP PROJECTIONS SHALL BE CAREFULLY CHIPPED OFF AT ALL PLACES WHERE THEY COME IN CONTACT WITH FIBER PARTS. ANTI-CREEPERS SHALL BE USED ON EACH SIDE OF INSULATED RAIL JOINTS, AND IN ALL CASES INSULATED JOINTS SHALL BE SUPPORTED ON TWO 6000-TIES, WHICH MUST BE KEPT WELL TAMPED. REQUISITION FOR REPAIR PARTS FOR INSULATED JOINTS SHALL STATE WEIGHT OF RAIL, TYPE OF JOINT, REFERENCE LETTER ON, AND DRAWING NUMBER OF, PLAN ILLUSTRATING THIS TYPE. ALL CONCERNED WILL BE GOVERNED ACCORDINGLY.

NOTE: THE FIBER PARTS AS SHOWN HEREON SHALL BE OF A QUALITY EQUAL TO THE REQUIREMENTS OF THE SPECIFICATIONS OF THE A. R. A. AND IN ADDITION SHALL BE WELL COATED WITH PARAFFIN AND STAMPED WITH THE TRADE MARK OF THE MANUFACTURER.

NOTE: BOLT STOCK TO BE IN ACCORDANCE WITH G. N. RY. CO'S. SPECIFICATION NO. 3304-15-1, 2 & 3. Nov. 6, 1922.

NOTE: FURNISH 2 ABRASION PLATES RAIL JOINT CO'S. TEMPLET #92141, PUNCHED AS PER FILE NO. 3005-21 ISSUE #2 DATED FEB. 15, 1932

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11-27-41	12-21-29	2-18-24	Revised	167-31-E
7-14-31	1-5-27	12-24-25		