

# PERMANENT WAY NOTES.

# BOLTS, ETC. (4)

2N1

THESE NOTES ARE INTENDED FOR THE GUIDANCE AND ASSISTANCE OF STAFF ENGAGED UPON PERMANENT WAY WORK. THEY DO NOT IN ANY WAY MODIFY OR AMEND THE INSTRUCTIONS LAID DOWN IN E.D.I., STANDARD DRAWINGS, CIRCULAR ETC., WHICH SHOULD BE REFERRED TO IN ALL CASES.

**COTTER-BOLT FOR ENGINE PIT.**  
[wt. 5½ LB.] (79)

1/8" DIA. COTTER 1/4" THICK  
1" DIA.  
1'-10 1/2"

N.B. USED WITH RAIL CLIP AND 2ND. HD. M.S. TUBE. 1'-4 1/4" X 1 3/8" (INT) DIA. (TUBE SUPPLIED WITH BOLT)

R1520

**BOLT FOR INSULATED WILLMS FLEX OR UNIVERS EX-FLEX. STRETCHER-BAR**  
(80)

1 1/2" x 3/32" RND WASHERS  
3/4" DIA.  
3"  
[wt. 1 LB.]

R524

**SPECIAL FLAT-HEAD FISHBOLT FOR OI SEC. CHECK RAIL.**  
(81)

2" WIDE  
15/16" DIA.  
3 1/4"  
[wt. 2 1/2 LB.]

R2784

**BRACKET BOLT FOR ANGLE STRETCHER-BAR**  
(82)

1" DIA.  
3"  
[wt. 1 1/2 LB.]

FLATHEAD BOLT USED FORMERLY

**FISHBOLT FOR B.S. 95R FB RAIL.**  
(83)

1" DIA.  
4 15/16"  
[wt. 2 1/2 LB.]

R5 Sp 47. P 2635

**FISHBOLT FOR B.S. 80R FB RAIL.**  
(84)

7/8" DIA.  
4 5/16"  
[wt. 1 1/2 LB.]

R5 Sp 4. P 2636

N.B. STATE LENGTH & DIA. OF ALL BOLTS ETC. WHEN ORDERING.

**WELDED STOP-BOLT, 1" DIA WITH M.S. WASHER COMPLETE.\***  
(85)

1" DIA.  
3"  
1 1/2" DIA.  
[wt. 5 1/2 LB.]

SEE LINC 11/19242  
2 3/4" x 1"  
H 39129  
10/3/54

\* ALL LENGTHS OF SWITCHES WHEN ORDERING

USED AT HEEL JOINT OF HAND OPERATED OLD TYPE SWITCHES TO PREVENT DERAILMENT OF MASSES

R1210

**SWITCH-ANCHOR BOLT.**  
(86)

1" DIA.  
4 1/8"  
[wt. 2 LB.]

R1210

**TIE-ROD FOR STOP-BLOCK.**  
(87)

1 1/4" DIA.  
9"  
5'-7 1/2"  
[wt. 36 LB.]

[ALSO SUPPLIED INSULATED, AS BELOW]

3 1/4" x 3/4" WHITE BOLT WITH SPRING WASHER AND 2 EA 1 1/2" x 3/32" RND. WASHERS

R1733

**BOLT FOR UNIVERSAL EXTRA-FLEXIBLE STRETCHER-BAR**  
(88)

1 1/2" x 3/32" RND WASHERS  
2 3/4"  
15/16" DIA (14 t.p.i.)  
[wt. 1 LB.]

R1733