



DIMENSIONS A, B and C for 100 and 130 P.S. FILLER BLOCKS				
Gage of Track	4'-8 1/2"		4'-9"	
Sec. of Rail	100 P.S.	130 P.S.	100 P.S.	130 P.S.
Dimension A	1 3/4"	1 3/4"	2 1/4"	2 1/4"
# B	1 45/64"	1 7/8"	2 13/64"	2 3/8"
" C	2 1/8"	3 1/8"	3 3/8"	3 5/8"

NOTE:-
 Filler Blocks may be made of Iron or Steel - cast, malleable, rolled or forged of the design as shown or of single or double grooved Frog Fillers. These Frog Fillers must fit the fishing angles and the web of rail for a distance of $\frac{1}{2}$ " from above and below the base and head respectively, and shall maintain the required flange way as given in the table (Dimension A) for the various Filler Blocks. Dimensions B and C in table apply only to Filler Blocks of the design as shown

THE AMERICAN CHAIN CO., METHEANEY AND VAUGHAN TYPES OF
BRACE PLATES ARE APPROVED
OTHER TYPES MAY BE APPROVED AFTER SATISFACTORY
LABORATORY TESTS OR SERVICE TRIALS.

NOTE:- For general plan showing complete Tee Guard Rails see standard plan, basic number 71805.

Tee Guard Rails must be of the same section as the Running with which they are to be used.

Brace Plates and Filler Blocks must be marked plainly in the positions indicated by stamped or raised characters with manufacturer's name or trade-mark, month and year manufactured, 100 P.S. 30 P.S. and 4'-8½" gage or 4'-9" gage.

Guard Rail Tie Plates must conform to The Pennsylvania Railroad Company's Specifications for Medium Grade Tie Plates.

Bolt and Nut material must conform to The Pennsylvania Railroad Company's Specifications for Quenched Carbon and Alloy Steel Pack Bolts and Nuts with American Standard square heads and square washers.

Helical Spring Washers must conform to The Pennsylvania road Company's Specifications.
Any commercial type of Headlock with either one or two ribs placed vertically or horizontally, will be acceptable.

FOR USE WITH 4'-8½" AND 4'-9" GAGES OF TRACK

71806-A

**1¼" FILLER BLOCK BOLTS AND NUTS
WITH CURVED BACK AND HELICAL SPRING WASHERS**

SECTION A-A

**TYPICAL HEADLOCK
FOR FILLER BLOCK BOLTS**

Technical drawing showing a bolt hole detail. The hole is 1/4" in diameter. The distance from the center of the hole to the rail web is 3/8" maximum. The radius of the rail web is 4". The drawing also includes a note for 100 PS and a note for 130 PS.