



MATHEMATICAL PROPERTIES  
TWO BARS

Moment of Inertia	14.74
Section Modulus above N.A.	6.67
" " below N.A.	7.68
Weight per inch of 2 Bars (lbs.)	2.76
Joint Stiffness	35.19 %
Area	9.74 sq. in.
Estimated Weight of 2 Bars (lbs)	64

NOTE:-

All material must conform to Pennsylvania System Specifications for Quenched Carbon and Alloy Steel Joint Bars.

Joint Bars must be marked to indicate manufacturer's name, year of manufacture, weight and section of rail, and type of joint bar.

Letters and figures must be raised 1/16 inch.

71170-A

PENNSYLVANIA SYSTEM  
STANDARD

100 P.S. L-2 JOINT BAR  
PUNCHED 7 1/4 - 5 1/2 - 7 1/4

OFFICE OF CHIEF ENGINEER, PHILA. P.A. MARCH, 1922

Correct  
J. S. Ladd, Jr.  
Engineer of Standards

Approved

Chief Engineer  
W. H. [Signature]