



MATHEMATICAL ATTRIBUTES

TWO BARS

Moment of Inertia ----- 32.5
 Section Modulus above N.A. --- 13.0
 " " below N.A. --- 12.1
 Weight per inch of 2 Bars ----- 3.4 lbs.
 Area ----- 12.0 sq. in.

Calculated Weight of 2 Bars $119 \frac{3}{4}$ Lbs.

Joint Bars shall be in accordance with the current Conrail MW 183 Specifications.

CONRAIL **71160-B**

STANDARD

140 R.E., F-1 JOINT BAR

SEPTEMBER, 1976

R.H. Smith Chief Engineer - Maintenance of Way
A.D. Gardner Chief Engineering Officer