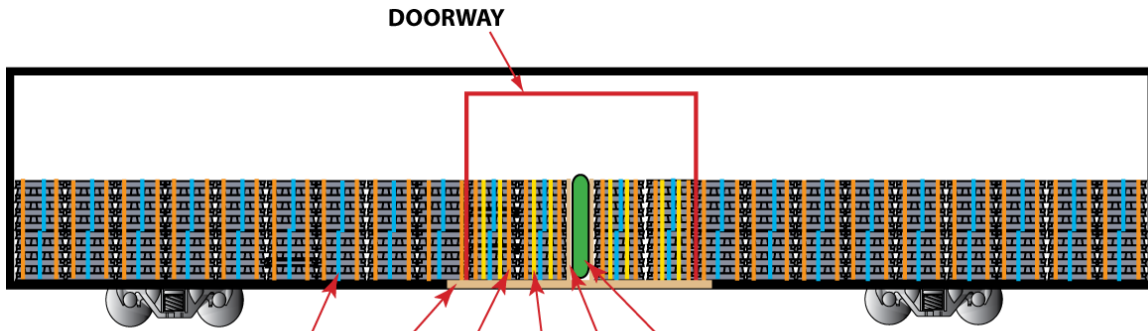




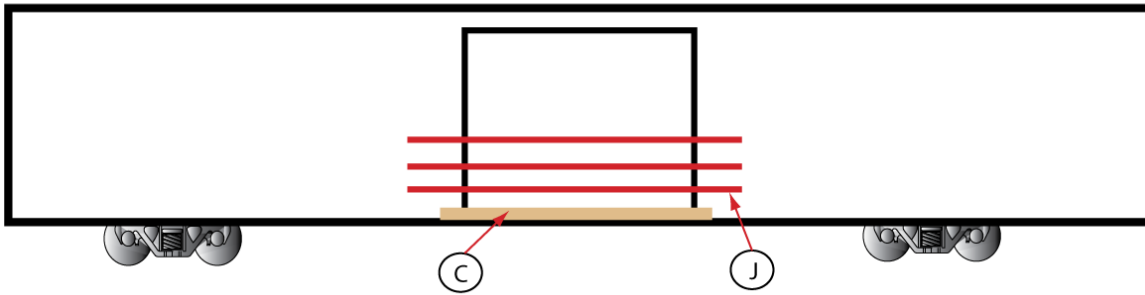
SMALL ALUMINUM INGOTS - BOXCARS

RAC 22044  
New 10-2023



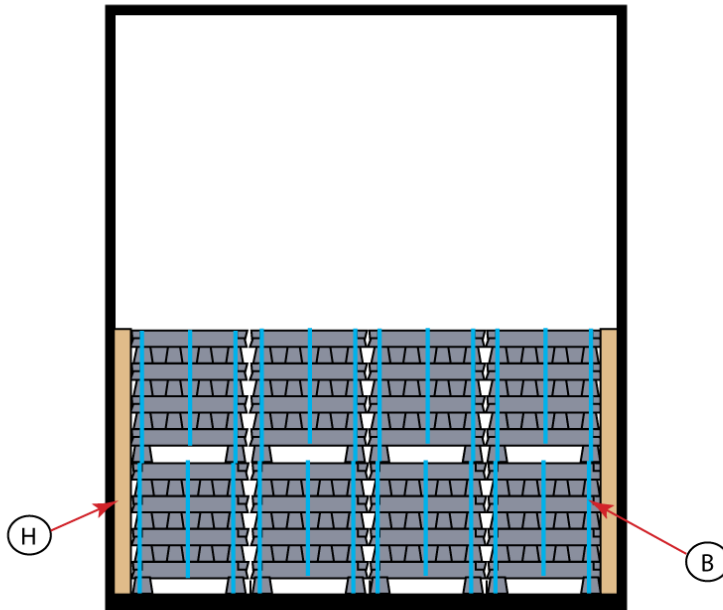
B C D E F G

**LATERAL VIEW**



C J

**DOORWAY PROTECTION BANDS**



H B

**FRONT VIEW**

SMALL ALUMINUM INGOTS - BOXCARS

RAC 22044 (Continued)

New 10-2023

Item	Nbr. of pcs	Description
A		Vacant.
B	4 per package	Package bands: AAR approved polyester Type IV bands.
C	1 per doorway	Guide rail: softwood minimum 2 in. x 4 in. extending 8 in. beyond both doorposts. Guide rails are placed against piles and nailed to car floor with a minimum of one nail every 18 in. eliminating lateral move of the load.
D	2 per double package	Double package encircling band AAR approved 1 ¼ in. steel banding or non-metallic equivalent.
E	2 per 4 packages in doorway	Doorway unitizing banding: AAR approved 1 ¼ in. steel banding or non-metallic equivalent
F	2 per bag	Buffer panels: Minimum 1/2 in. plywood sheets inserted between the load and the bag protecting the bag on both sides.
G	1 per load	Inflating bag: AAR approved level 5 bag used to fill the longitudinal void in the middle of the load. Bag will be protected by two ½ in. plywood sheets inserted between the bag and the load. Utilized filler panels to reduce the void to less than 12 in. Ensure the bag is 1 in. of the car floor. Recheck inflation after 30 minutes to ensure no leaks.
H	As requested	Void filler: AAR approved void filler is required where the cumulative crosswise void is greater than 6 in.
J	As requested	Doorway protection bands: Install bands across the door opening between the doorposts. Distribute bands uniformly spaced vertically across the doorway. (See <b>NOTE 3</b> )

## SMALL ALUMINUM INGOTS - BOXCARS

RAC 22044 (Concluded)

New 10-2023

### NOTES:

1. Load must be centered in car.
2. Inflatable bags may only be used for one load.
3. Conventional applications: secure two bands (steel or non-metallic) to opposite doorpost anchors and bring together across the doorway, buckle, and seal together, and tension.  
Belt-loop application: thread one non-metallic band through the opposite doorpost anchors with the ends brought together across the doorway, buckle together and tension. Belt-loop application of doorway application for the loading doorway may use two buckles.  
Steel bands: use a minimum AAR approved 1 ¼ in. x 0.029 in. steel bands. Use a minimum of one steel band per layer of freight in the doorway or as otherwise required in specific commodity guides or figures. Secure bands with seals and fully tension per manufacturer's instructions. See Section 7.1.2 – Steel banding for information on strapping application.

For further details see General Rules