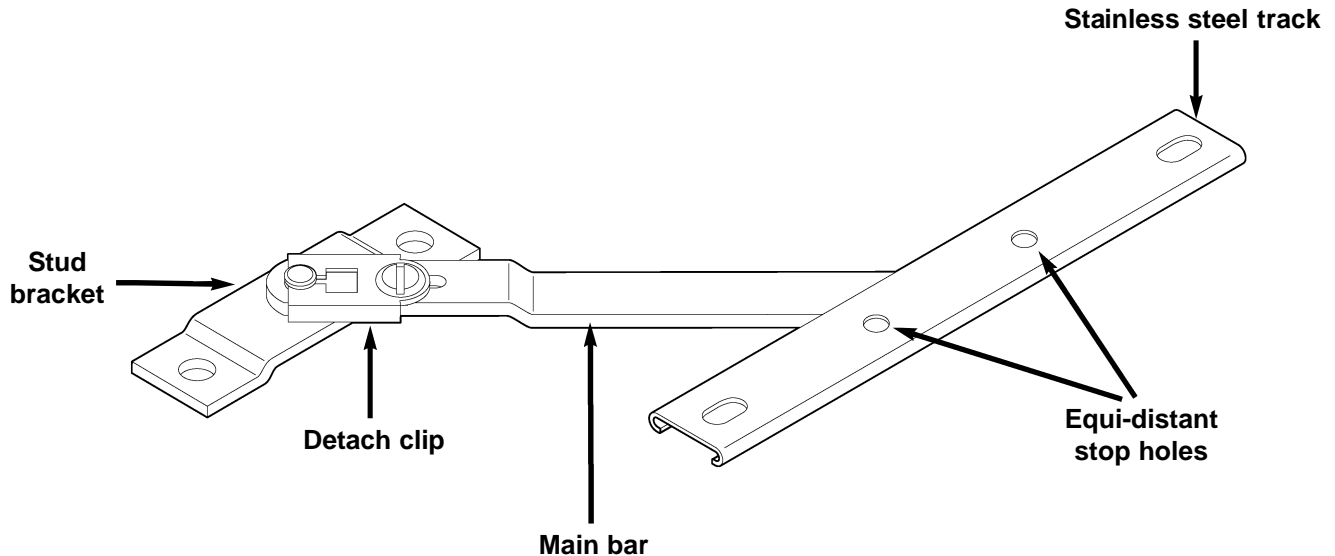


213 MULTI-STOP LIMIT BAR



Awning **C**asement **H**opper

Part # 213-004 (Steel)
213-005 (Stainless Steel)



This limit device from DEAL is designed to limit the opening of awning, casement and hopper windows. The equi-distant holes in the stainless steel track are designed for multiple stopping locations for the sash.

The following are excellent reasons to use this limit device with awning and casement windows:

- 1) As a safety device, to prevent small children from falling out of the window. The limit bar prevents over extension by children, for opening the window, and at the same time reduces the area opened by the window.
- 2) To prevent damage to awning or casement windows due to heavy wind loads in high rise buildings. We

recommend the use of a limit device in applications above two stories where wind loading is a concern.

In a hopper window application, this limit device can be used as a limiting hinge. An economical hinging system can be designed with a pivot point at the bottom of the hopper window and a pair of DEAL limit bars.

MATERIAL: Stainless steel track and detach clip. Powder coated or stainless steel main bar and stud bracket.

SCREWS: 5 - #7 Phillips pan head stainless steel screws. One is used as a stop in the equi-distant holes. (Length and thread to be determined

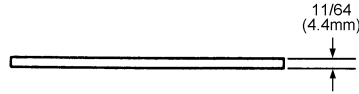
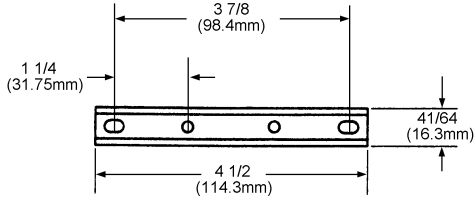
by profile design). We recommend that mounting screws should pass through two vinyl walls or one vinyl and one insert wall.

REPLACES: Truth #99-20 (Steel main bar), 99-24 (Stainless Steel main bar and stud).

ORDERING INFORMATION: This limit bar comes in knocked down (K.D.) condition with track, main bar and stud brackets packaged separately. Part number 213-004.

For further information contact us at our sales office. Address given on the other side of literature.

FIG. 1 STAINLESS STEEL TRACK (299-103)



RECOMMENDED SCREWS: 3 - #7 PHILLIPS PAN HEAD STAINLESS STEEL SCREWS. TWO FOR END (ADJUSTABLE) HOLES. ONE FOR ONE OF THE EQUI-DISTANT STOP HOLE.

FIG. 2 MAIN BAR WITH DETACH CLIP

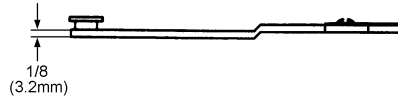
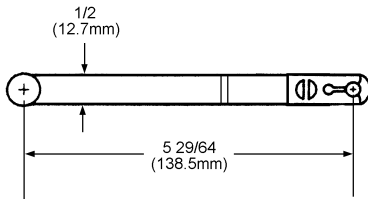
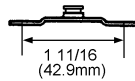
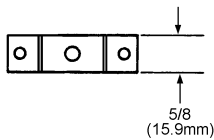


FIG. 3 STUD BRACKET (299-102)



RECOMMENDED SCREWS: 2 - #7 PHILLIPS PAN HEAD STAINLESS STEEL SCREWS. RIVETS CAN ALSO BE USED FOR FIXING STUD.



P.O. Box 10088; Rochester, NY 14610; USA
Toll free: (888) 880-DEAL (3325)

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