

**Approved Products List
Sign Support Accessories
Effective Date: 2/5/19**

NCHRP-350 Approved Devices

Omni-Directional Breakaway Devices (709.52)

<u>MANUFACTURER</u>	<u>PRODUCT</u>	<u>LAB APPROVAL NUMBER</u>
Dent Breakaway Industries	1/2-inch Breakaway Bolt with 0.380 break-point (See Notes 1, 2, 3, and 4)	1462428
Dent Breakaway Industries	5/8-inch Breakaway Bolt with 0.380 break-point (See Notes 1, 4, and 5)	1462429

Back to Back U-Channel Breakaway Devices (709.54)

<u>MANUFACTURER</u>	<u>PRODUCT</u>	<u>LAB APPROVAL NUMBER</u>
Nucor Steel Marion, Inc.	Slip Safe Supreme (See Notes 1, 6, and 7)	1462430

Surface Mount Breakaway Devices (709.51)

<u>MANUFACTURER</u>	<u>PRODUCT</u>	<u>LAB APPROVAL NUMBER</u>
Xcessories Squared	Surface Mount Kleen Break Assembly (See Notes 1, 8, & 9)	1462431

Type A Barrier Wall Sign Support Brackets (709.55)

<u>MANUFACTURER</u>	<u>PRODUCT</u>	<u>LAB APPROVAL NUMBER</u>
Xcessories Squared	SCBM175-250-G Concrete Barrier Mount Bracket (See Note 9)	1462432
Xcessories Squared	ICBM4510-200-G (See Note 9)	1462433

Type B Barrier Wall Sign Support Brackets (709.55)

<u>MANUFACTURER</u>	<u>PRODUCT</u>	<u>LAB APPROVAL NUMBER</u>
Xcessories Squared	FCB175-250-G Flat Concrete Base (See Note 9)	1462434
Xcessories Squared	ICBM4510-200-G (See Note 9)	1462435

NOTES:

- 1 - NCHRP-350 approved. Test Levels 1, 2, and 3
- 2 - For use with S4x7.7 Steel Beam supports, with up to two supports within a seven foot width.
- 3 - For inclined slip bases, it is recommended that the bottom shank length be 1-1/4-inch due to limited clearance for installation.
- 4 - Standard flat washers and hex nuts as shown on the Steel Beam support Standard Detail, and as specified in the Standard Specifications, may be used with this device.
- 5 - For use with W6x12 Steel Beam supports, with up to two supports within a seven foot width.
- 6 - For use with 6-lb/ft back to back u-channel supports, with up to two supports within a seven foot width.
- 7 - For use only with u-channel supports manufactured by Nucor Steel Marion.
- 8 - For use with 2.00-in x 14 ga square tube supports meeting the requirements of the Standard Specifications, with up to three supports within a seven foot width.
- 9 - Anchors shall be those supplied by the device manufacturer.