

## 3-5/8" Box Header Clip - 362BHC10-54

### Pre-Punched clip for box headers.

The Box Header Clip (BHC) is designed to eliminate field cutting metal track into sections. The BHC clip is pre-punched to promote a quick and accurate installation. It is available in a variety of sizes and thicknesses to accommodate different application requirements.

### Product Data & Ordering Information:

|                        |  |
|------------------------|--|
| <b>Material:</b>       | 50 ksi                                   |
| <b>Coating:</b>        | G90 (Z275) hot-dipped galvanized coating |
| <b>Thickness:</b>      | 54mils (16 ga)                           |
|                        | 0.0566" Design thickness                 |
|                        | 0.0538" Minimum thickness                |
| <b>Width (W):</b>      | 3-5/8"                                   |
| <b>Height (H):</b>     | 10"                                      |
| <b>Packaging:</b>      | 50 pcs / bucket                          |
| <b>Product Weight:</b> | 0.9707 lb / piece                        |

### Allowable Loads:

| Head Gauge (ga) | F2 (lbs)<br>Jamb Gauge |      |      |      |      |
|-----------------|------------------------|------|------|------|------|
|                 | 20ga                   | 18ga | 16ga | 14ga | 12ga |
| 20ga            | 2914                   | 2914 | 2914 | 2914 | 2914 |
| 18ga            | 2914                   | 4336 | 4336 | 4336 | 4336 |
| 16ga            | 2914                   | 4336 | 7694 | 7694 | 7694 |
| 14ga            | 2914                   | 4336 | 7694 | 7694 | 7694 |
| 12ga            | 2914                   | 4336 | 7694 | 7694 | 7694 |

#### Table Notes:

- Listed capacities are based on AISI S100-16 (2020) w/S2-20, North American Specification for Cold-Formed Steel Structural Members, AISI D114-21, Cold-Formed Steel Clip Angle Design Guide, and AISI Research Report RP18-4
- Capacities are based on #10-16 screws with an ultimate shear capacity of at least 1400 lbs.
- Capacities are based on placing #10-16 screws through all of the pre-punched holes in the connector to each side of the box header and #10-16 screws through all of the pre-punched holes in the connector to the jamb.
- Capacities are based on 20 ga. and 18 ga. 33 ksi material and 16 ga. and heavier 50 ksi material.

### Code Approvals & Performance Standards

- [AISI S100-16 \(2020\) w/S2-20](#) North American Specification for the Design of Cold-Formed Steel Structural Members
- [AISI S240-20](#) North American Standard for Cold-Formed Steel Structural Framing
  - (Compliant to ASTM C955, but IBC replaced with AISI S200 in IBC 2015, AISI S240 in IBC 2018)
  - Section A3 Material - Chemical & mechanical requirements (Referencing ASTM A1003/A1003M)
  - Section A4 Corrosion Protection (Referencing ASTM A653/A653M)
  - Section C Installation - (Referencing ASTM C1007)
- [SDS For ASTM A1003 Steel Framing Products](#) For Interior Framing, Exterior Framing and Clips/Accessories

