05.40.00 (Cold-Formed Metal Framing)



# Clark Dietrich.

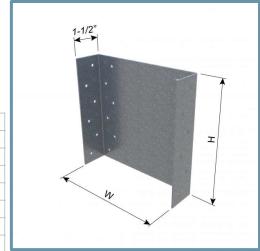
## 3-5/8" Box Header Clip - 362BHC4-43

### 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:**

| Material:       | 50 ksi                                   |  |  |  |
|-----------------|--|--|--|--|
| Coating:        | G90 (Z275) hot-dipped galvanized coating |  |  |  |
|                 | 43mils (18 ga)                           |  |  |  |
| Thickness:      | 0.0451" Design thickness                 |  |  |  |
|                 | 0.0428" Minimum thickness                |  |  |  |
| Width (W):      | 3-5/8"                                   |  |  |  |
| Height (H):     | 4"                                       |  |  |  |
| Packaging:      | 100 pcs / bucket                         |  |  |  |
| Product Weight: | 0.3120 lb / piece                        |  |  |  |



### Allowable Loads:

| Head<br>Gauge (ga) |      | F2 (lbs)<br>Jamb Gauge |      |      |      |  |  |
|--------------------|------|------------------------|------|------|------|--|--|
|                    | 20ga | 18ga                   | 16ga | 14ga | 12ga |  |  |
| 20ga               | 990  | 990                    | 990  | 990  | 990  |  |  |
| 18ga               | 990  | 1473                   | 1473 | 1473 | 1473 |  |  |
| 16ga               | 990  | 1473                   | 2076 | 2076 | 2076 |  |  |
| 14ga               | 990  | 1473                   | 2076 | 2076 | 2076 |  |  |
| 12ga               | 990  | 1473                   | 2076 | 2076 | 2076 |  |  |

#### Table Notes:

- 1. 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
- 2. 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.
- 4. 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
  - o (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





