05.40.00 (Cold-Formed Metal Framing)



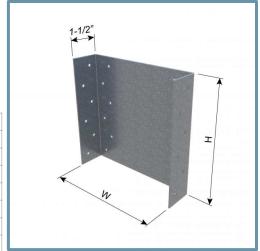
# 8" Box Header Clip - 800BHC8-43

### 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):	8"
Height (H):	8"
Packaging:	50 pcs / bucket
Product Weight:	1.0697 lb / piece



### Allowable Loads:

Head Gauge (ga)		F2 (lbs) Jamb Gauge					
	20ga	18ga	16ga	14ga	12ga		
20ga	2465	2465	2465	2465	2465		
18ga	2465	3668	3668	3668	3668		
16ga	2465	3668	4274	4274	4274		
14ga	2465	3668	4274	4274	4274		
12ga	2465	3668	4274	4274	4274		

#### 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





