

Box Header Clip

Pre-punched clip for box header framing.

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.

MATERIAL SPECIFICATIONS

Gauge: 18 gauge (43mils)

Design Thickness: 0.0451 inches

Gauge: 16 gauge (54mils)

Design Thickness: 0.0566 inches

Gauge: 14 gauge (68mils)

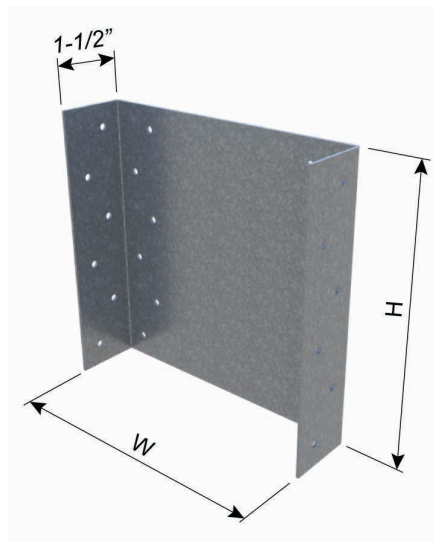
Design Thickness: 0.0713 inches

Material: 50ksi, G90 (Z275) hot-dipped galvanized

ASTM: A1003, A653

INSTALLATION

Refer to load tables for appropriate box header clip. All pre-punched holes must be filled by placing #10-16 screws to achieve noted capacities.



Box Header Clip (BHC)

Product code	Width (W)	Height (H)
362BHC2	3-5/8"	2"
362BHC4		4"
362BHC6		6"
362BHC8		8"
362BHC10		10"
600BHC2	6"	2"
600BHC4		4"
600BHC6		6"
600BHC8		8"
600BHC10		10"
800BHC2	8"	2"
800BHC4		4"
800BHC6		6"
800BHC8		8"
800BHC10		10"



Box Header Clip (BHC)

Product code	Head gauge (ga)	F2 (lbs.)				
		Jamb Gauge				
		20	18	16	14	12
XXXBHC2-43	20	353	353	353	353	353
	18	353	526	526	526	526
	16	353	526	839	839	839
	14	353	526	839	839	839
	12	353	526	839	839	839
XXXBHC2-54	20	353	353	353	353	353
	18	353	526	526	526	526
	16	353	526	933	933	933
	14	353	526	933	933	933
	12	353	526	933	933	933
XXXBHC2-68	20	353	353	353	353	353
	18	353	526	526	526	526
	16	353	526	933	933	933
	14	353	526	933	933	933
	12	353	526	933	933	933

Product code	Head gauge (ga)	F2 (lbs.)				
		Jamb Gauge				
		20	18	16	14	12
XXXBHC4-43	20	990	990	990	990	990
	18	990	1473	1473	1473	1473
	16	990	1473	2076	2076	2076
	14	990	1473	2076	2076	2076
	12	990	1473	2076	2076	2076
XXXBHC4-54	20	990	990	990	990	990
	18	990	1473	1473	1473	1473
	16	990	1473	2613	2613	2613
	14	990	1473	2613	2613	2613
	12	990	1473	2613	2613	2613
XXXBHC4-68	20	990	990	990	990	990
	18	990	1473	1473	1473	1473
	16	990	1473	2613	2613	2613
	14	990	1473	2613	2613	2613
	12	990	1473	2613	2613	2613

Product code	Head gauge (ga)	F2 (lbs.)				
		Jamb Gauge				
		20	18	16	14	12
XXXBHC6-43	20	1717	1717	1717	1717	1717
	18	1717	2555	2555	2555	2555
	16	1717	2555	3206	3206	3206
	14	1717	2555	3206	3206	3206
	12	1717	2555	3206	3206	3206
XXXBHC6-54	20	1717	1717	1717	1717	1717
	18	1717	2555	2555	2555	2555
	16	1717	2555	4533	4533	4533
	14	1717	2555	4533	4533	4533
	12	1717	2555	4533	4533	4533
XXXBHC6-68	20	1717	1717	1717	1717	1717
	18	1717	2555	2555	2555	2555
	16	1717	2555	4533	4533	4533
	14	1717	2555	4533	4533	4533
	12	1717	2555	4533	4533	4533

Product code	Head gauge (ga)	F2 (lbs.)				
		Jamb Gauge				
		20	18	16	14	12
XXXBHC8-43	20	2465	2465	2465	2465	2465
	18	2465	3668	3668	3668	3668
	16	2465	3668	4274	4274	4274
	14	2465	3668	4274	4274	4274
	12	2465	3668	4274	4274	4274
XXXBHC8-54	20	2465	2465	2465	2465	2465
	18	2465	3668	3668	3668	3668
	16	2465	3668	6509	6509	6509
	14	2465	3668	6509	6509	6509
	12	2465	3668	6509	6509	6509
XXXBHC8-68	20	2465	2465	2465	2465	2465
	18	2465	3668	3668	3668	3668
	16	2465	3668	6509	6509	6509
	14	2465	3668	6509	6509	6509
	12	2465	3668	6509	6509	6509

Product code	Head gauge (ga)	F2 (lbs.)				
		Jamb Gauge				
		20	18	16	14	12
XXXBHC10-43	20	2914	2914	2914	2914	2914
	18	2914	4336	4336	4336	4336
	16	2914	4336	5343	5343	5343
	14	2914	4336	5343	5343	5343
	12	2914	4336	5343	5343	5343
XXXBHC10-54	20	2914	2914	2914	2914	2914
	18	2914	4336	4336	4336	4336
	16	2914	4336	7694	7694	7694
	14	2914	4336	7694	7694	7694
	12	2914	4336	7694	7694	7694
XXXBHC10-68	20	2914	2914	2914	2914	2914
	18	2914	4336	4336	4336	4336
	16	2914	4336	7694	7694	7694
	14	2914	4336	7694	7694	7694
	12	2914	4336	7694	7694	7694



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 #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 20ga. and 18ga. 33ksi material and 16ga. and heavier 50ksi material.
- "XXX" = 362 for a 3-5/8" wall, 600 for a 6" wall, and 800 for an 8" wall.