

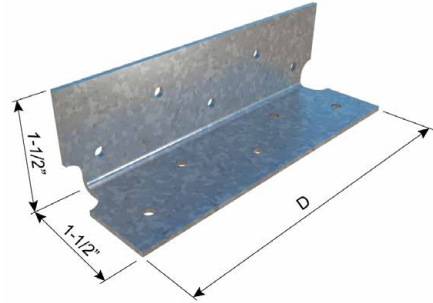
EasyClip™ S-Series™ Header Clip



The pre-punched clip eliminates surface head fastener buildup that can create finishing challenges.

Product Code	Depth (D)	Mils (Gauge)	Yield Strength, F _y (ksi)	Designed to Support
S542	2"	54 (16)	50	2-1/2" RedHeader Lite Profiles
S543	3"	54 (16)	50	3-5/8" & 4" RedHeader Lite Profiles
S545	5"	54 (16)	50	6" RedHeader Lite Profiles

All material CP90.



Allowable Loads (lbs) for RedHeader Lite

Connector Details		Framing Member Specs			Fasteners		Capacities					
Product Code	Length (in)	Product Code	Thickness	Yield Strength, F _y (ksi)	Jamb	Header	Lateral Load (F ₁) lbs			Vertical Load (F ₂) lbs		
			Mils (Gauge)				Nominal Load	ASD Load	LRFD Load	Nominal Load	ASD Load	LRFD Load
S542	2"	250RHL250	33 (20)	33	2 x #10	2 x #10	760	350	500	430	135	135
			43 (18)				1075	525	640	465	205	205
S543	3"	362RHL250	33 (20)	33	3 x #10	3 x #10	1200	530	795	395	105	105
			43 (18)				1435	735	1180	655	195	195
S543	3"	400RHL250	33 (20)	33	3 x #10	3 x #10	1090	530	795	345	100	100
			43 (18)				1420	730	1165	600	155	155
S545	5"	600RHL250	33 (20)	33	4 x #10	4 x #10	1150	590	945	355	100	100
			43 (18)				1410	720	1155	560	160	160

Notes:

- Listed Capacities were derived from calculations and structural tests in accordance with provisions of AISI-S100 and ICC-ES AC261.
- The resistance factor/safety factor for design loads has been calculated according to Chapter K of AISI-S100 dependent on Member or Connection Failure.
- #10-16 HWH Screws (0.19-in dia) were used to attach Clips to Header and Jamb members through the provided holes. The screws shall have a minimum shear capacity of 1400 lbs and minimum tension capacity of 1158 lbs.
- It is the responsibility of the design professional to detail the project drawings for proper EasyClip S-Series clip installation.
- For simultaneous F₁ and F₂ loading, use the following interaction equation: $(f_1/F_1)^2 + (f_2/F_2)^2 < 1.0$ Where f₁ and f₂ are the applied loads and F₁ and F₂ are the appropriate allowable loads.

