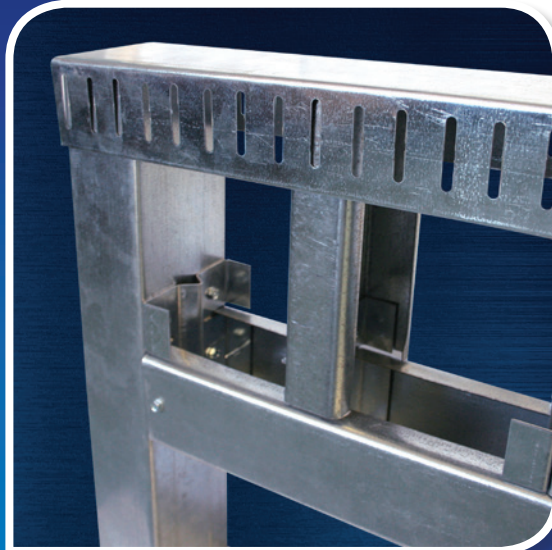
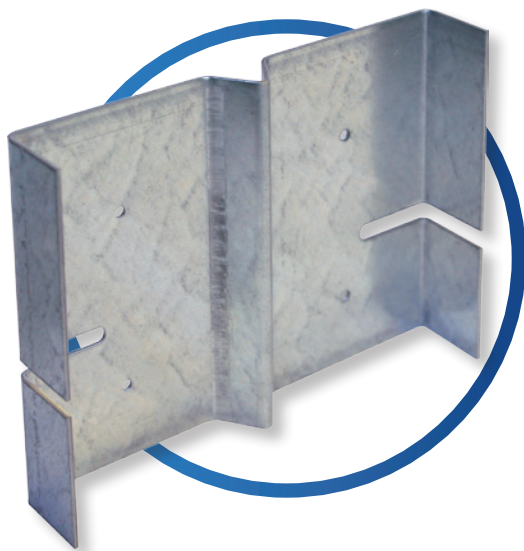




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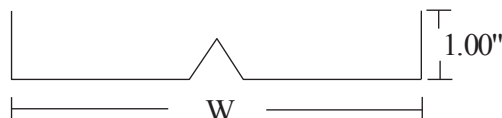
HJC CLIP

(HEADER, JAMB, AND CRIPPLE)

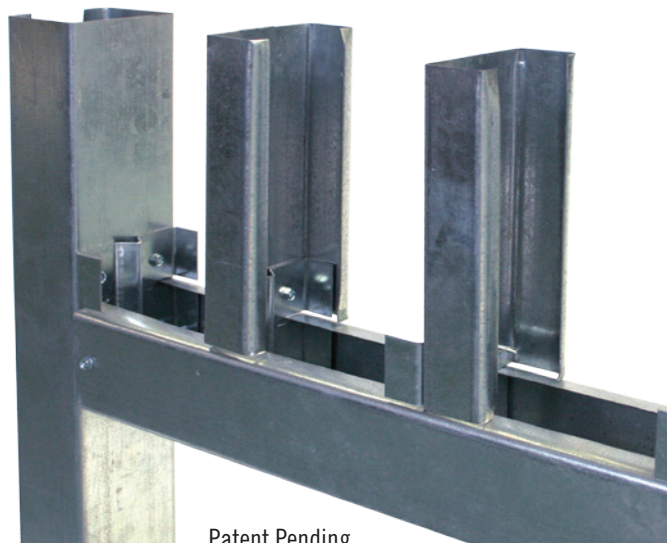


- Utilize Single “Jamb” Stud Profile as Header Framing
- Flush Profile Installation no BuildupCracking or Excess “Floating” Around Openings to Level
- Eliminate “Box” Header Assemblies and Custom Shaped Profiles
- No Field Modification to Cut, Grind, Form, and or Buildup of “Tabbed” Ends
- Eliminate “Cripple Track” and Buildup Above Header Profile
- No “Pre-Insulation” – Avoid Insulation Exposure and Moisture Retention Issues

- Universal Clip for Jamb Attachment, Header Stiffening/Support, and Cripple Stud Attachment
- Slotted to Accommodate Header Return Stiffening Lips
- “Center Rib” for Increased Strength
- 1.00” Legs allow “Throat” or alternate “Back to Back” Cripple Attachment



- 16ga - 2.00” to 3.50” Flange Widths
- 18ga - 1.25” to 1.625” Flange Widths



Patent Pending

Part #	Header	Clip O/D
362HJC - 54	3 5/8"	3 1/2"
600HJC - 54	6"	5 7/8"

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HJC CLIP SINGLE PIECE HEADER SPAN TABLE (INTERIOR)

5 POUNDS PER SQUARE FOOT (PSF) LATERAL PRESSURE,
AND 10 PSF DEAD LOAD. MINIMUM HEAD HEIGHT = 7'-0".

		Wall Height 9'		Wall Height 12'		Wall Height 15'		Wall Height 20'	
Super Stud Header Member	AISI Member Name	Max Span	Head to Jamb	Max Span L/240	Head to Jamb	Max Span L/240	Head to Jamb	Max Span L/240	Head to Jamb
3-5/8 DW 33	362S125-33	4'-3"	T4	2'-10"	T4	2'-3"	T4	--	--
3-5/8SJW20	362S200-33	7'-3"	T1	5'-0"	T1	4'-1"	T1	3'-3"	T1
3-5/8SJW18	362S200-43	8'-7"	T1	5'-10"	T1	4'-8"	T1	3'-9"	T1
3-5/8SJW16	362S200-54	9'-8"	T1	7'-1"	T1	6'-1"	T1	5'-1"	T1
3-5/8SSX20	362S300-33	8'-6"	T1	6'-4"	T1	5'-2"	T1	4'-2"	T2
3-5/8SSX18	362S300-43	10'-7"	T1	7'-5"	T1	6'-0"	T1	4'-10"	T1
3-5/8SSX16	362S300-54	13'-4"	T2	9'-10"	T1	8'-2"	T1	6'-7"	T1
3-5/8SSX14	362S300-68	14'-4"	T2	10'-6"	T2	9'-0"	T2	7'-4"	T2
4 DW 33	400S125-33	4'-4'	T4	2'-10'	T4	2'-3"	T4	--	--
4SJW20	400S200-33	7'-6"	T1	5'-1"	T1	4'-1"	T1	3'-3"	T1
4SJW18	400S200-43	8'-9"	T1	5'-11"	T1	4'-9"	T1	3'-9"	T1
4SJW16	400S200-54	9'-9"	T1	7'-2"	T1	6'-1"	T1	5'-2"	T1
4SSX20	400S300-33	9'-3'	T1	6'-6"	T1	5'-3"	T1	4'-2"	T1
4SSX18	400S300-43	10'-9"	T1	7'-6"	T1	6'-1"	T1	4'-11"	T1
4SSX16	400S300-54	13'-6"	T2	9'-11"	T1	8'-3"	T1	6'-8"	T1
4SSX14	400S300-68	14'-6"	T2	10'-8"	T2	9'-1"	T2	7'-6"	T2
6 DW 33	600S125-33	4'-6"	T4	2'-11"	T4	2'-4"	T4	--	--
6SJW20	600S200-33	8'-0"	T1	5'-3"	T1	4'-3"	T1	3'-4"	T1
6SJW18	600S200-43	9'-3"	T1	6'-2"	T1	4'-11"	T1	3'-10"	T1
6SJW16	600S200-54	10'-0"	T1	7'-4"	T1	6'-3"	T1	5'-3"	T1
6SSX20	600S300-33	10'-1"	T1	6'-10"	T1	5'-6"	T2	4'-5"	T2
6SSX18	600S300-43	11'-9"	T2	8'-0"	T1	6'-5"	T2	5'-1"	T1
6SSX16	600S300-54	13'-10"	T2	10'-1"	T2	8'-7"	T2	7'-0"	T2
6SSX14	600S300-68	15'-2"	T2	11'-1"	T2	9'-5"	T2	7'-10"	T2
8SJW18	800S200-43	--	--	--	--	5'-0"	T1	3'-11"	T1
8SJW16	800S200-54	--	--	--	--	6'-3"	T1	5'-4"	T1
8SSX18	800S300-43	--	--	--	--	6'-7"	T1	5'-2"	T1
8SSX16	800S300-54	--	--	--	--	8'-8"	T2	7'-1"	T2
8SSX14	800S300-68					9'-7"	T2	8'-0"	T2

TABLE NOTES:

- Design based on Super Stud header members of the material and thickness shown.
- Spans based on header properties only and do not consider jamb stud capacity. Jamb design is not included in these tables.
- Header spans are based on uniform loading conditions indicated in table only. Members have not been analyzed for point loads.
- Contact Super Stud or BlazeFrame for framing Conditions not indicated.
- Minimum distance from bottom of stud to header connection is 7'-0". Maximum spacing of cripple studs is 24" on center.
- All calculations based on 2009 International Building Code (IBC). a reduction factor is applied to wind load to evaluate lateral deflection based on IBC table 1604.3.
- Attach cripple studs to head with HJC Clip: use (2) #10 screws through center of header member flange into flange of HJC clip, and use (2) #10 screws from HJC clip to cripple stud. NOTE: SCREWS MUST BE INSTALLED THROUGH PILOT HOLES IN HJC CLIP: HEAD OF SCREW MUST BE ON HJC CLIP SIDE, NOT CRIPPLE STUD SIDE.
- Analysis assumes sheathing on at least one side of wall, attached to jambs, header and cripples.
- See head to Jamb Connection details T1 through T4 for configuration of connection between header and jamb using HJC clips.

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HJC CLIP SINGLE PIECE HEADER SPAN TABLE (EXTERIOR)

20 POUNDS PER SQUARE FOOT (PSF) WIND PRESSURE,
AND 12 PSF DEAD LOAD. MINIMUM HEAD HEIGHT = 7'-0".

Super Stud Header Member	AISI Member Name	Wall Height 9'			Wall Height 12'			Wall Height 15'		
		Max Span	Max Span L/360	Head to Jamb	Max Span L/240	Max Span L/360	Head to Jamb	Max Span L/240	Max Span L/360	Head to Jamb
3-5/8SJW20	362S300-33	5'-10"	5'-10"	T2	4'-6"	4'-6"	T2	3'-10"	3'-10"	T2
3-5/8SSX18	362S300-43	6'-10"	6'-10"	T2	5'-3"	5'-3"	T2	4'-5"	4'-5"	T2
3-5/8SSX16	362S300-54	9'-3"	9'-3"	T3	7'-0"	7'-0"	T3	6'-0"	6'-0"	T3
3-5/8SSX14	362S300-68	10'-6"	10'-6"	T3	8'-1"	8'-1"	T3	6'-10"	6'-10"	T3
3-5/8SSXW16	362S350-54	9'-6"	9'-6"	T3	7'-6"	7'-6"	T3	6'-4"	6'-4"	T3
3-5/8SSXW14	362S350-68	11'-0"	11'-0"	T3	8'-7"	8'-7"	T3	7'-3"	7'-3"	T3
4SSX20	400S300-33	6'-1"	6'-1"	T2	4'-8"	4'-8"	T2	3'-11"	3'-11"	T2
4SSX18	400S300-43	7'-2"	7'-2"	T2	5'-5"	5'-5"	T2	4'-7"	4'-7"	T2
4SSX16	400S300-54	9'-7"	9'-7"	T3	7'-3"	7'-3"	T3	6'-2"	6'-2"	T3
4SSX14	400S300-68	11'-0"	11'-0"	T3	8'-5"	8'-5"	T3	7'-1"	7'-1"	T3
4SSXW16	400S350-54	9'-11"	9'-11"	T3	7'-9"	7'-9"	T3	6'-7"	6'-7"	T3
4SSXW14	400S350-68	11'-6"	11'-6"	T3	8'-11"	8'-11"	T3	7'-6"	7'-6"	T3
6SSX20	600S300-33	7'-1"	7'-1"	T2	5'-3"	5'-3"	T2	4'-3"	4'-3"	T2
6SSX18	600S300-43	8'-4"	8'-4"	T3	6'-2"	6'-2"	T3	5'-1"	5'-1"	T3
6SSX16	600S300-54	11'-3"	11'-3"	T3	8'-4"	8'-4"	T3	6'-11"	6'-11"	T3
6SSX14	600S300-68	13'-0"	13'-0"	T3	9'-5"	9'-5"	T3	7'-11"	7'-11"	T3
6SSXW16	600S350-54	11'-10"	11'-10"	T3	8'-11"	8'-11"	T3	7'-5"	7'-5"	T3
6SSXW14	600S350-68	13'-9"	13'-9"	T3	10'-3"	10'-3"	T3	8'-6"	8'-6"	T3

HEAD TO JAMB CONNECTIONS

