

Allowable header spans for exterior openings:

(Lateral load = 30psf, wall dead load = 12psf, deflection factor = 0.7)										
Wall height	Wall size	Member	Gauge (mils)	Door (sill height = 0")			Window (sill height = 32")			
				L/240	L/360	L/600	L/240	L/360	L/600	
9'-0"	3-5/8"	350HS300-54	16ga (54mils)	8'-9"	8'-9"	8'-9"	10'-2"	10'-2"	10'-1"	
		350HS300-68	14ga (68mils)	10'-3"	10'-3"	9'-8"	11'-11"	11'-11"	10'-11"	
		350HS300-97	12ga (97mils)	12'-8"	12'-8"	10'-9"	14'-8"	14'-4"	12'-1"	
		350HS350-54	16ga (54mils)	9'-0"	9'-0"	9'-0"	10'-6"	10'-6"	10'-4"	
		350HS350-68	14ga (68mils)	10'-7"	10'-7"	10'-1"	12'-4"	12'-4"	11'-4"	
		350HS350-97	12ga (97mils)	13'-0"	13'-0"	11'-3"	15'-2"	15'-0"	12'-7"	
	4"	387HS300-54	16ga (54mils)	9'-3"	9'-3"	9'-3"	10'-8"	10'-8"	10'-8"	
		387HS300-68	14ga (68mils)	10'-10"	10'-10"	10'-6"	12'-7"	12'-7"	11'-10"	
		387HS300-97	12ga (97mils)	13'-5"	13'-5"	11'-8"	15'-7"	15'-7"	13'-1"	
		387HS350-54	16ga (54mils)	9'-7"	9'-7"	9'-7"	11'-1"	11'-1"	11'-1"	
		387HS350-68	14ga (68mils)	11'-2"	11'-2"	10'-11"	13'-0"	13'-0"	12'-3"	
		387HS350-97	12ga (97mils)	13'-9"	13'-9"	12'-2"	16'-0"	16'-0"	13'-8"	
	6"	587HS300-54	16ga (54mils)	12'-0"	12'-0"	12'-0"	13'-8"	13'-8"	13'-8"	
		587HS300-68	14ga (68mils)	13'-11"	13'-11"	13'-11"	15'-2"	15'-2"	15'-2"	
		587HS300-97	12ga (97mils)	16'-10"	16'-10"	16'-1"	16'-10"	16'-10"	16'-10"	
		587HS350-54	16ga (54mils)	12'-5"	12'-5"	12'-5"	14'-3"	14'-3"	14'-3"	
		587HS350-68	14ga (68mils)	14'-5"	14'-5"	14'-5"	16'-7"	16'-7"	16'-7"	
		587HS350-97	12ga (97mils)	17'-6"	17'-6"	16'-8"	18'-6"	18'-6"	18'-6"	
	10'-0"	3-5/8"	350HS300-54	16ga (54mils)	7'-11"	7'-11"	7'-11"	8'-11"	8'-11"	8'-11"
			350HS300-68	14ga (68mils)	9'-3"	9'-3"	9'-3"	10'-5"	10'-5"	10'-5"
			350HS300-97	12ga (97mils)	11'-5"	11'-5"	10'-5"	12'-9"	12'-9"	11'-6"
			350HS350-54	16ga (54mils)	8'-2"	8'-2"	8'-2"	9'-3"	9'-3"	9'-3"
			350HS350-68	14ga (68mils)	9'-7"	9'-7"	9'-7"	10'-10"	10'-10"	10'-9"
			350HS350-97	12ga (97mils)	11'-10"	11'-10"	10'-10"	13'-4"	13'-4"	12'-0"
4"		387HS300-54	16ga (54mils)	8'-4"	8'-4"	8'-4"	9'-4"	9'-4"	9'-4"	
		387HS300-68	14ga (68mils)	9'-9"	9'-9"	9'-9"	11'-0"	11'-0"	11'-0"	
		387HS300-97	12ga (97mils)	12'-1"	12'-1"	11'-3"	13'-0"	13'-0"	12'-6"	
		387HS350-54	16ga (54mils)	8'-8"	8'-8"	8'-8"	9'-9"	9'-9"	9'-9"	
		387HS350-68	14ga (68mils)	10'-1"	10'-1"	10'-1"	11'-5"	11'-5"	11'-5"	
		387HS350-97	12ga (97mils)	12'-6"	12'-6"	11'-9"	14'-1"	14'-1"	13'-0"	
6"		587HS300-54	16ga (54mils)	10'-6"	10'-6"	10'-6"	10'-11"	10'-11"	10'-11"	
		587HS300-68	14ga (68mils)	12'-1"	12'-1"	12'-1"	12'-1"	12'-1"	12'-1"	
		587HS300-97	12ga (97mils)	13'-11"	13'-11"	13'-11"	13'-11"	13'-11"	13'-11"	
		587HS350-54	16ga (54mils)	11'-0"	11'-0"	11'-0"	12'-3"	12'-3"	12'-3"	
		587HS350-68	14ga (68mils)	12'-9"	12'-9"	12'-9"	13'-8"	13'-8"	13'-8"	
		587HS350-97	12ga (97mils)	15'-6"	15'-6"	15'-6"	15'-6"	15'-6"	15'-6"	
12'-0"		3-5/8"	350HS300-54	16ga (54mils)	6'-9"	6'-9"	6'-9"	7'-4"	7'-4"	7'-4"
			350HS300-68	14ga (68mils)	7'-11"	7'-11"	7'-11"	8'-7"	8'-7"	8'-7"
			350HS300-97	12ga (97mils)	9'-9"	9'-9"	9'-9"	10'-1"	10'-1"	10'-1"
			350HS350-54	16ga (54mils)	7'-1"	7'-1"	7'-1"	7'-8"	7'-8"	7'-8"
			350HS350-68	14ga (68mils)	8'-3"	8'-3"	8'-3"	9'-0"	9'-0"	9'-0"
			350HS350-97	12ga (97mils)	10'-2"	10'-2"	10'-2"	11'-2"	11'-2"	11'-1"
	4"	387HS300-54	16ga (54mils)	7'-1"	7'-1"	7'-1"	7'-8"	7'-8"	7'-8"	
		387HS300-68	14ga (68mils)	8'-4"	8'-4"	8'-4"	9'-0"	9'-0"	9'-0"	
		387HS300-97	12ga (97mils)	10'-3"	10'-3"	10'-3"	10'-4"	10'-4"	10'-4"	
		387HS350-54	16ga (54mils)	7'-5"	7'-5"	7'-5"	8'-1"	8'-1"	8'-1"	
		387HS350-68	14ga (68mils)	8'-8"	8'-8"	8'-8"	9'-5"	9'-5"	9'-5"	
		387HS350-97	12ga (97mils)	10'-9"	10'-9"	10'-9"	11'-8"	11'-8"	11'-8"	
	6"	587HS300-54	16ga (54mils)	8'-8"	8'-8"	8'-8"	8'-8"	8'-8"	8'-8"	
		587HS300-68	14ga (68mils)	9'-7"	9'-7"	9'-7"	9'-7"	9'-7"	9'-7"	
		587HS300-97	12ga (97mils)	11'-0"	11'-0"	11'-0"	11'-0"	11'-0"	11'-0"	
		587HS350-54	16ga (54mils)	9'-2"	9'-2"	9'-2"	9'-10"	9'-10"	9'-10"	
		587HS350-68	14ga (68mils)	10'-8"	10'-8"	10'-8"	10'-10"	10'-10"	10'-10"	
		587HS350-97	12ga (97mils)	12'-6"	12'-6"	12'-6"	12'-6"	12'-6"	12'-6"	

Table notes:

1. The tabulated values are based on a window opening height of 8'-0".
2. All headers require the attachment of the Drop 'N Lock Clip at each end with headers installed leg up.
3. The allowable header clip loads must be checked for each header span.
4. Section properties are based upon the AISI 2001 NASPEC w/2004 supplement.
5. Increase strength in Cold Work of Forming was used per NASPEC A7.2.
6. For deflection calculations, the effective moment of inertia was used. Reference the NASPEC commentary C1.
7. Lateral deflection calculations are based on using 0.7 times the Components and Cladding wind load per AISI section B1.
8. Dead load deflection calculations are limited to L/360 or 0.5" max. deflection.
9. HEADER LENGTHS SHOULD BE ORDERED 1/2" SHORTER TO FIT INSIDE CLIPS.
10. Additional header spans with a deflection factor of 1.0 are available at www.clarkwestern.com