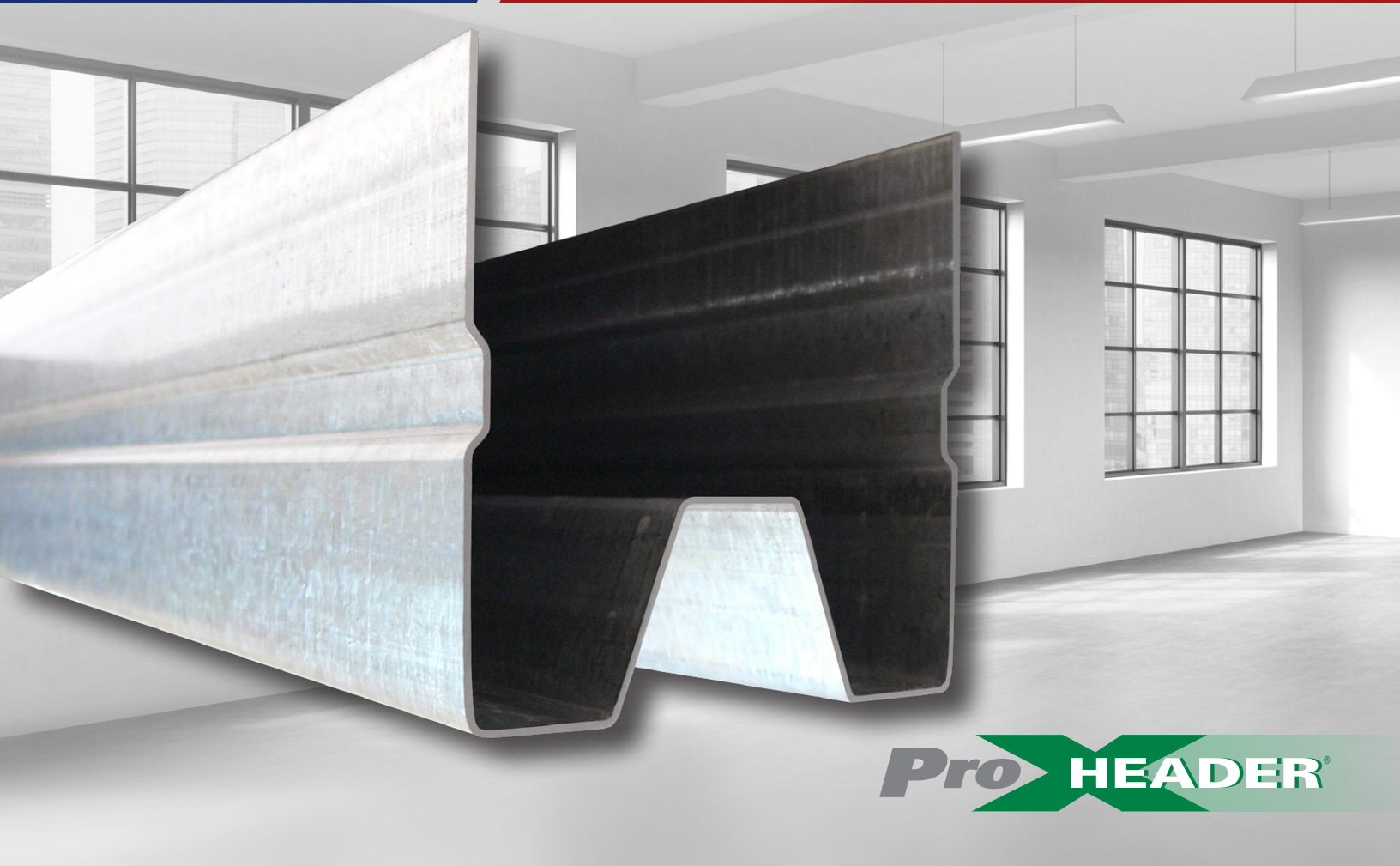




Expanding Your Solutions



Pro **HEADER**®

ProX Header® Rough Opening System

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Disclaimer

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Introduction

ProX Header®

The unique shape of ProX Header is engineered to carry higher load values with less steel. Most wall openings can be supported with a single piece header and for wider openings an insert member is added for additional strength. The patented system utilizes an internal clip that fastens to the vertical Jamb stud(s). The ProX Header member snaps into place and leaves a flush surface for the application of drywall.

Material and labor costs are sharply reduced and construction productivity is increased. Installation is simplified and can be accomplished with a single framer. As with a traditional built-up box header the need to measure, cut and fit several stud and track components is eliminated. Additionally, there is no welding and much less screwing when using ProX Header.

Benefits:

- IAPMO ER-0286.
- IBC 2012/2015 & CBC 2013/2016 code compliant.
- The ProX Header is engineered to deliver superior strength with fewer pieces.
- Easy, consistent installation – no welding required.
- Superior strength at connection points – internal ProX Header Clip design.
- Improved load values in lighter gauge materials.
- Straight cuts that deliver consistent and accurate fitting components.
- Reduces field cutting, welding and trimming.
- Consistent door and window header design for both interior and exterior metal framed openings.
- ProX Header offers a flush framing substrate that provides a better quality drywall finish.
- Easily insulates during the “work in progress.”
- Pre-engineered code compliant Span Tables.

LEED v4 for Building & Design Construction

- MR Prerequisite: Construction and Demolition Waste Management Planning.
- MR Credit: Construction and Demolition Waste Management.
- MR Credit: Building Product Disclosure and Optimization – Sourcing of Raw Materials, Option 2.
- MR Credit: Building Product Disclosure and Optimization – Material Ingredients, Option 1.
- MR Credit: Building Life-Cycle Impact Reduction, Option 4.

Recycled Content

- Total Recycled Content: 36.9%
- Post-Consumer: 19.8%
- Pre-Consumer: 14.4%



California's Proposition 65 Warning

California's Safe Drinking Water and Toxic Enforcement Act of 1986 – commonly referred to as Proposition 65 (“Prop 65”) (27 Cal. Code Reg. § 25600, et seq.) – has recently changed, requiring manufacturers to provide a warning based on its knowledge about the presence of one or more of the almost 900 listed chemicals which are known to the State of California to cause cancer and birth defects, or other reproductive harm. With a few exceptions, manufacturers operating in the state of California as well as those entities who distribute, import, package, and/or supply products into the State of California are now required provide a “clear and reasonable” warning to consumers that their products may contain one or more of these listed chemicals or compounds. The complete list is available at www.P65Warnings.ca.gov.

In compliance with the new requirements, we are notifying each of our customers that CEMCO products contain Nickel (metallic) and/or other chemicals listed which are known to the State of California to cause cancer and birth defects or other reproductive harm. Safety data sheets from our major suppliers are available from CEMCO on our website at www.cemcosteel.com.

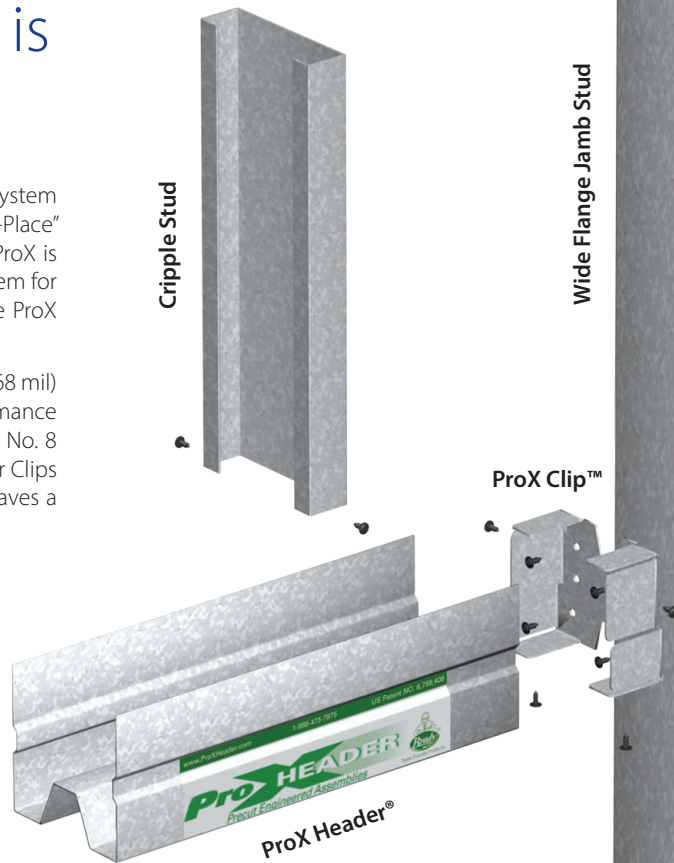
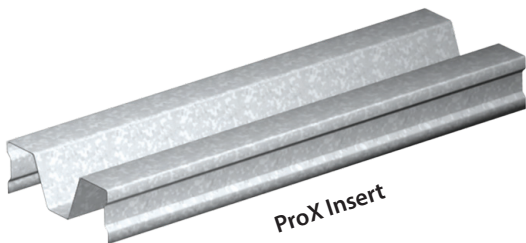
ProX Header Installation is Consistent, Fast, & Easy

The exploded assembly shows just how simple the ProX Header System is. The internal clip allows the ProX member to "Snap and Hold-in-Place" for fast installation and transfers loads to the vertical jamb studs. ProX is the fastest, easiest and the lowest installed cost, most efficient system for all rough openings. Code compliance is easily achieved when the ProX Header is used.

The ProX Header is made of 20, 18, 16 and 14 gauge (33, 43, 54 and 68 mil) galvanized steel complying with industry standard ASTM performance criteria for metal stud framing. The members fasten together with No. 8 (interior) or No. 10 (exterior) sheet metal screws (SMS). ProX Header Clips are internal and connect horizontal to vertical members, which leaves a smooth framing substrate for the drywall and finishing trades.

Extra Strength is a SNAP!

When required, higher load values are met by simply snapping an optional ProX Insert member into the ProX Header outer member to form a stronger assembly.



ProX is the Premier Single Piece Header System in the Cold-formed Steel Framing Industry

Watch ProX Header Component Assembly

See how simply the system components assemble to form a stronger header.

Scan code on right to view, or visit: www.proxheader.com



ProX Header Outer Sectional Properties

DESCRIPTION			GROSS SECTION PROPERTIES					EFFECTIVE PROPERTIES					TORSIONAL PROPERTIES				
Member Designation	Design Steel Thickness (in)	Weight (lbs./ft.)	Area (in ²)	I _x (in ⁴)	R _x (in)	I _y (in ⁴)	R _y (in)	I _x Pos. (in ⁴)	I _x Neg. (in ⁴)	I _y (in ⁴)	S _x Pos. (in ³)	S _x Neg. (in ³)	S _y (in ³)	Y _o (in)	J (in ⁴)	C _w (in ⁶)	R _o (in)
362X425-33	0.0346	1.6610	0.48853	0.7487	1.2380	1.1067	1.5051	0.36990	0.74869	0.83181	0.12191	0.27855	0.39064	-2.0762	0.0001950	2.2738	2.8475
362X425-43	0.0451	2.1519	0.63291	0.9608	1.2321	1.4110	1.4931	0.5540	0.9608	1.11330	0.18766	0.35931	0.53793	-2.0665	0.0004291	2.8719	2.8316
362X425-54	0.0566	2.6752	0.78683	1.1819	1.2256	1.7236	1.4800	0.6840	1.1819	1.33250	0.23334	0.44490	0.64169	-2.0610	0.0008402	3.4670	2.8178
362X425-68	0.0713	3.3271	0.97854	1.4497	1.2172	2.0953	1.4633	0.9944	1.4497	1.70130	0.35150	0.55050	0.84590	-2.0551	0.0016582	4.1490	2.8011
400X425-33	0.0346	1.7051	0.50151	0.7789	1.2462	1.3605	1.6471	0.3879	0.7789	1.02600	0.12637	0.28552	0.43849	-2.1374	0.0002001	2.8338	2.9722
400X425-43	0.0451	2.2094	0.64983	0.9998	1.2404	1.7374	1.6351	0.5800	0.9998	1.37410	0.19406	0.36838	0.60351	-2.1280	0.0004406	3.5851	2.9565
400X425-54	0.0566	2.7474	0.80806	1.2305	1.2340	2.1261	1.6221	0.7166	1.2305	1.64820	0.24140	0.45629	0.72125	-2.1228	0.0008629	4.3372	2.9428
400X425-68	0.0713	3.4180	1.0053	1.5106	1.2258	2.5909	1.6054	1.0404	1.5106	2.10770	0.36280	0.56490	0.95090	-2.1171	0.0017035	5.2054	2.9261
600X425-33	0.0346	1.9404	0.57071	0.9168	1.2674	3.2507	2.3866	0.4686	0.9168	2.46650	0.14507	0.31498	0.71069	-2.2394	0.0002277	6.9805	3.5096
600X425-43	0.0451	2.5161	0.74003	1.1779	1.2616	4.1732	2.3747	0.6968	1.1779	3.35460	0.22090	0.40660	0.99690	-2.2301	0.0005017	8.8786	3.4935
600X425-54	0.0566	3.1323	0.92126	1.4520	1.2556	5.1380	2.3616	0.8626	1.4524	4.05660	0.27520	0.50420	1.20030	-2.2238	0.0009838	10.8150	3.4784
600X425-68	0.0713	3.9028	1.1479	1.7880	1.2479	6.3120	2.3449	1.2472	1.7877	5.20550	0.41020	0.62520	1.57920	-2.2165	0.0019450	13.1010	3.4596

For SI: 1 inch = 25.4 mm, 1 mil = 0.0254mm, 1 lb = 4.45 N.

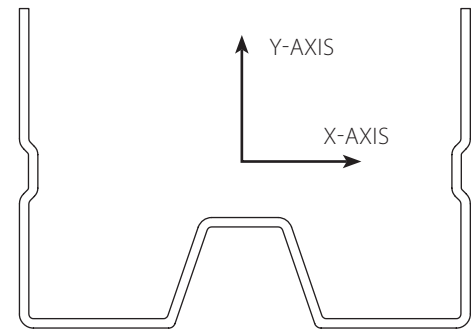
ProX Header Outer Allowable Values

DESCRIPTION			ALLOWABLE VALUES			
Member Designation	Design Steel Thickness (in)	Weight (lbs./ft.)	Positive Moment +M _a (in.-lbs.)		Negative Moment -M _a (in.-lbs.)	
			X-Axis	Y-Axis	X-Axis	Y-Axis
362X425-33	0.0346	1.6610	2,409	5,695	5,504	5,695
362X425-43	0.0451	2.1519	3,708	8,232	7,100	8,232
362X425-54	0.0566	2.6752	6,986	14,309	13,320	14,309
362X425-68	0.0713	3.3271	10,524	19,735	16,483	19,735
400X425-33	0.0346	1.7051	2,497	6,096	5,642	6,096
400X425-43	0.0451	2.2094	3,835	8,841	7,279	8,841
400X425-54	0.0566	2.7474	7,228	15,396	13,661	15,396
400X425-68	0.0713	3.4180	10,863	21,322	16,914	21,322
600X425-33	0.0346	1.9404	2,867	8,497	6,224	8,497
600X425-43	0.0451	2.5161	4,366	12,472	8,035	12,472
600X425-54	0.0566	3.1323	8,239	21,892	15,096	21,892
600X425-68	0.0713	3.9028	12,283	30,761	18,720	30,761

For SI: 1 inch = 25.4 mm, 1 mil = 0.0254mm, 1 lb = 4.45 N.

Notes:

- Allowable moment values are governed by distortional buckling.



HEADER

Data includes inserts

ProX Header Combined Sectional Properties

DESCRIPTION			GROSS SECTION PROPERTIES					EFFECTIVE PROPERTIES						TORSIONAL PROPERTIES			
Member Designation	Design Steel Thickness (in)	Weight (lbs./ft.)	Area (in ²)	I _x (in ⁴)	R _x (in)	I _y (in ⁴)	R _y (in)	I _x Pos. (in ⁴)	I _x Neg. (in ⁴)	I _y (in ⁴)	S _x Pos. (in ³)	S _x Neg. (in ³)	S _y (in ³)	Y _o (in)	J (in ⁴)	C _w (in ⁶)	R _o (in)
362XTC425-54	0.0566	4.3830	1.2891	1.4644	1.0658	2.4694	1.3840	1.0919	1.4644	2.10180	0.43070	0.61180	1.07500	-1.4923	0.0013766	3.8561	2.2975
362XTC425-68	0.0713	5.4430	1.6009	1.7981	1.0598	2.9801	1.3644	1.4502	1.7981	2.60590	0.58630	0.75840	1.36200	-1.5061	0.0027128	4.6076	2.2920
400XTC425-54	0.0566	4.5354	1.3339	1.5897	1.0917	3.1269	1.5310	1.1974	1.5897	2.66070	0.46220	0.64880	1.21480	-1.5720	0.0014244	5.0897	2.4509
400XTC425-68	0.0713	5.6530	1.6627	1.9820	1.0919	3.8750	1.5265	1.6064	1.9821	3.38730	0.62890	0.80870	1.56180	-1.6028	0.0028170	6.3350	2.4681
600XTC425-54	0.0566	5.2903	1.556	2.0420	1.1457	7.5680	2.2054	1.6496	2.0424	6.54390	0.63930	0.83010	2.04260	-1.5082	0.0016620	12.0010	2.9071
600XTC425-68	0.0713	6.5909	1.9385	2.5220	1.1407	9.2770	2.1877	2.1544	2.5222	8.22020	0.85290	1.03410	2.60750	-1.5087	0.0032850	14.5530	2.8919

For St: 1 inch = 25.4 mm, 1 mil = 0.0254mm, 1 lb = 4.45 N.

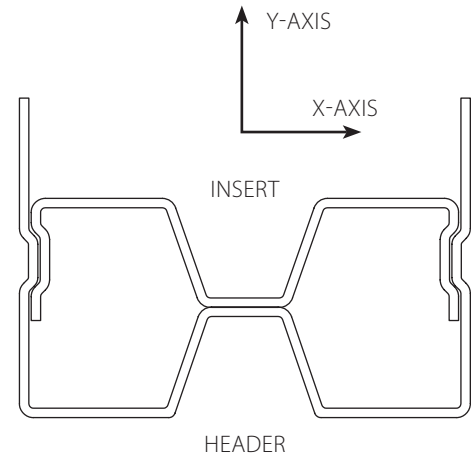
ProX Header Combined Allowable Values

DESCRIPTION			ALLOWABLE VALUES					
Member Designation	Design Steel Thickness (in)	Weight (lbs./ft.)	Positive Moment +Ma (in.-lbs.)		Negative Moment -Ma (in.-lbs.)		Vertical Shear Va (lbs.)	
			X-Axis	Y-Axis	X-Axis	Y-Axis	#8 @ 8" O.C. ¹	#10 @ 8" O.C. ¹
362XTC425-54	0.0566	4.3830	12,895	32,187	18,318	32,187	602	648
362XTC425-68	0.0713	5.4430	17,553	40,779	22,706	40,779	717	771
400XTC425-54	0.0566	4.5354	13,838	36,372	19,425	36,372	675	725
400XTC425-68	0.0713	5.6530	18,831	46,760	24,213	46,760	877	943
600XTC425-54	0.0566	5.2903	19,142	61,157	24,853	61,157	556	598
600XTC425-68	0.0713	6.5909	25,537	78,068	30,960	78,068	627	675

For St: 1 inch = 25.4 mm, 1 lb/ft = 14.6 N/m, 1 in-lb = 0.112985 N-m.

Notes:

1. Screw spacing is each side of the ProX Header outer to the ProX Header inner. Allowable shear is based upon a uniform loading. Clip capacity must also be checked.



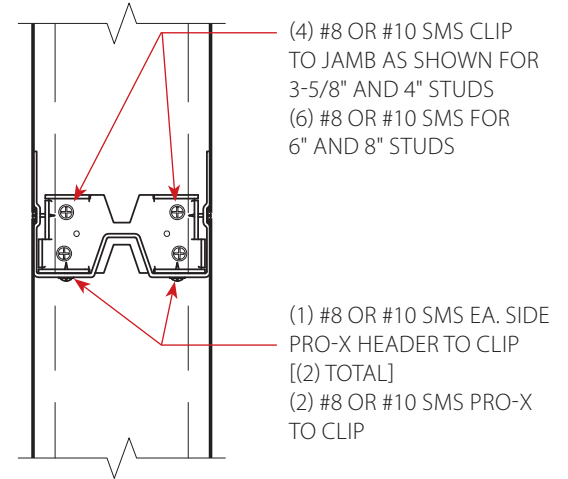
ProX Header Clip Allowable Values: Without Insert, #8 Screw

ProX Header Outer Widths (in)	ProX Header Thickness (in)	Number of Fasteners Attaching ProX Clip to Vertical Rough Opening Support	Number of Screws Attaching ProX Header Outer to Clip	Allowable Values (pounds)	
				V (vertical)	V (horizontal)
3.625	33	4	4	400	472
3.625	43	4	4	573	492
3.625	54	4	4	726	514
3.625	68	4	4	726	514
4.000	33	4	4	400	523
4.000	43	4	4	573	690
4.000	54	4	4	783	719
4.000	68	4	4	783	719
6.000	33	6	4	492	538
6.000	43	6	4	704	709
6.000	54	6	4	963	921
6.000	68	6	4	963	921

For St: 1 inch = 25.4 mm, 1 mil = 0.0254mm, 1 lb = 4.45 N.

Notes:

- Jamb member thickness to match or exceed ProX Header thickness.
- Locate the screws from clip to jamb at the four corner holes of the clip when supporting a ProX Header without insert.
At clips with 10 screw holes, fill the center two holes as well (6 total). At ProX Header with Insert fill all holes.
- Maximum gap between end of header and jamb to be 1/4 inch.
- All clips are 54 mils.
- Values may not be increased by 33% for load combinations involving wind or seismic.



PRO-X HEADER WITHOUT INSERT TO JAMB

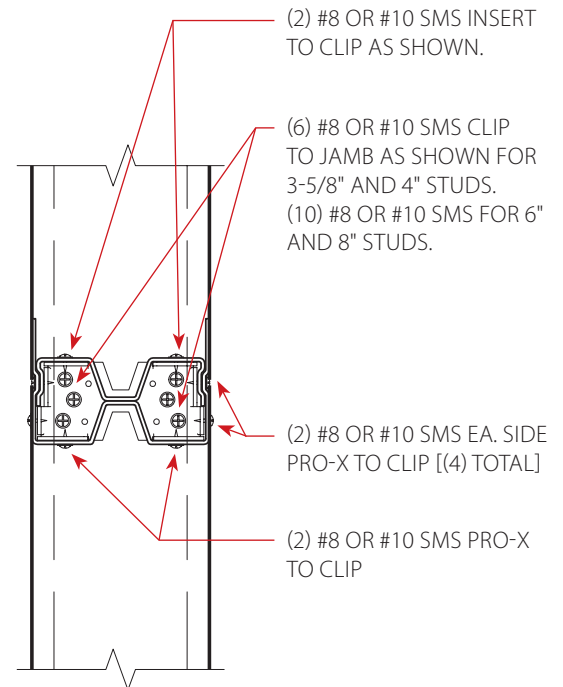
ProX Header Clip Allowable Values: With Insert, #8 Screw

ProX Header Outer Widths (in)	ProX Header Thickness (in)	Number of Fasteners Attaching ProX Header Clip to Vertical Rough Opening Support	Number of Screws Attaching ProX Header Outer to Clip	Allowable Values (pounds)	
				V (vertical)	V (horizontal)
3.625	54	6	8	1582	747
3.625	68	6	8	1582	747
4.000	54	6	8	1704	1111
4.000	68	6	8	1704	1111
6.000	54	10	8	1751	1282
6.000	68	10	8	1751	1282

For St: 1 inch = 25.4 mm, 1 mil = 0.0254mm, 1 lb = 4.45 N.

Notes:

- Jamb member thickness to match or exceed ProX Header thickness.
- Locate the screws from clip to jamb at the four corner holes of the clip when supporting a ProX Header without insert.
At clips with 10 screw holes, fill the center two holes as well (6 total). At ProX Header with Insert fill all holes.
- Maximum gap between end of header and jamb to be 1/4 inch.
- All clips are 54 mils.
- Values may not be increased by 33% for load combinations involving wind or seismic.



HEADER WITH INSERT TO JAMB

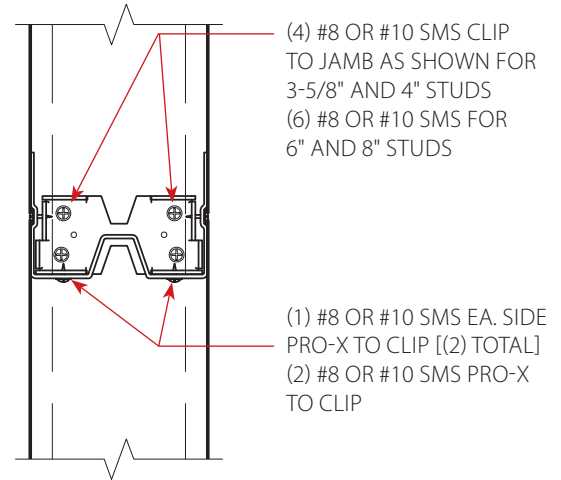
ProX Header Clip Allowable Values: Without Insert, #10 Screw

ProX Header Outer Widths (in)	ProX Header Thickness (in)	Number of Fasteners Attaching ProX Clip to Vertical Rough Opening Support	Number of Screws Attaching ProX Header Outer to Clip	Allowable Values (pounds)	
				V (vertical)	V (horizontal)
3.625	33	4	4	442	483
3.625	43	4	4	631	506
3.625	54	4	4	793	531
3.625	68	4	4	793	531
4.000	33	4	4	442	558
4.000	43	4	4	631	711
4.000	54	4	4	861	734
4.000	68	4	4	861	734
6.000	33	6	4	544	574
6.000	43	6	4	775	759
6.000	54	6	4	1054	989
6.000	68	6	4	1054	989

For St: 1 inch = 25.4 mm, 1 mil = 0.0254mm, 1 lb = 4.45 N.

Notes:

- Jamb member thickness to match or exceed ProX Header thickness.
- Locate the screws from clip to jamb at the four corner holes of the clip when supporting a ProX Header without insert. At clips with 10 screw holes, fill the center two holes as well (6 total). At ProX Header with insert fill all holes.
- Maximum gap between end of header and jamb to be ¼ inch.
- All clips are 54 mils.
- Values may not be increased by 33% for load combinations involving wind or seismic.



HEADER WITHOUT INSERT TO JAMB

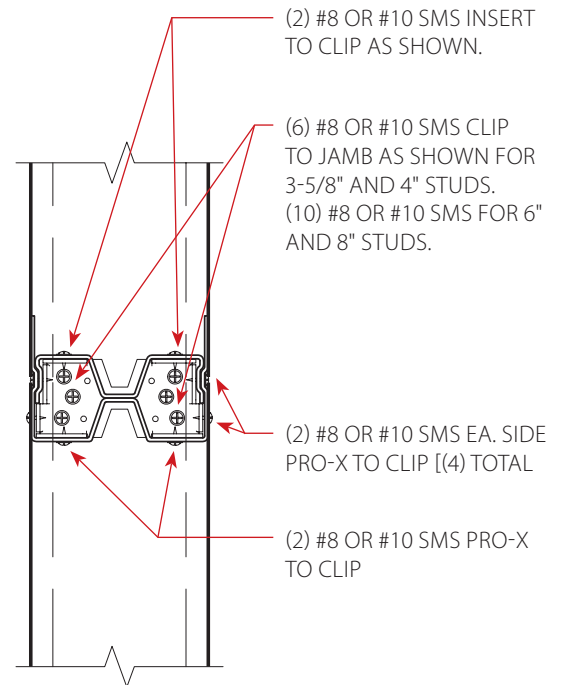
ProX Header Clip Allowable Values: With Insert, #10 Screw

ProX Header Outer Widths (in)	ProX Header Thickness (in)	Number of Fasteners Attaching ProX Header Clip to Vertical Rough Opening Support	Number of Screws Attaching ProX Header Outer to Clip	Allowable Values (pounds)	
				V (vertical)	V (horizontal)
3.625	54	6	8	1708	784
3.625	68	6	8	1708	784
4.000	54	6	8	1848	1143
4.000	68	6	8	1848	1143
6.000	54	10	8	1892	1381
6.000	68	10	8	1892	1381

For St: 1 inch = 25.4 mm, 1 mil = 0.0254mm, 1 lb = 4.45 N.

Notes:

- Jamb member thickness to match or exceed ProX Header thickness.
- Locate the screws from clip to jamb at the four corner holes of the clip when supporting a ProX Header without insert. At clips with 10 screw holes, fill the center two holes as well (6 total). At ProX Header with insert fill all holes.
- Maximum gap between end of header and jamb to be ¼ inch.
- All clips are 54 mils.
- Values may not be increased by 33% for load combinations involving wind or seismic.



HEADER WITH INSERT TO JAMB

Table 9: Interior Header Schedule – IAPMO ER-0286 (IBC 2012/2015, CBC 2013/2016)
For use at 1-hour walls; 5/8" drywall full height each side of the wall. $I_p = 1.0$ & $S_{DS} = 2.48$ (max) or $I_p = 1.5$ & $S_{DS} = 1.65$ (max)
BUILDING CODE COMPLIANCE: IBC 2012, CBC 2013

Out-of-plane loading to be 5 psf min. per IBC or CBC Section 1607.14 or as determined by the building parameters. The use of this chart is acceptable for the Importance Factor, $I_p = 1.0$ and Spectral Response Acceleration, $S_{DS} = 2.48$ (max), OR Importance Factor $I_p = 1.5$ and Spectral Response Acceleration, $S_{DS} = 1.65$ (max). This chart is also valid for Design Categories A-F. Deflection $L/240$ – One (1) layer gypsum board (each side) = 6 psf wall height - 5 psf transverse pressure - 24" o.c. (max) Stud Spacing

Opening Type	Deck Height	Wall Width Stud Size	ALLOWABLE SPAN: PRO-X HEADER SELECTION – INTERIOR OPENING SPAN				
			0' – 4' 6"	4' 7" – 6' 6"	6' 7" – 8' 6"	8' 7" – 10' 6"	10' 7" – 12' 0"
Typical Interior Door (or) Window HEAD @ 7'-0" tall or greater	UP TO 14' 0"	3-5/8" Studs = 362	362X425-33	362X425-43	362X425-54	362X425-68	362XTC425-68
		4" Studs = 400	400X425-33	400X425-43	400X425-54	400X425-68	400XTC425-54
		6" Studs = 600	600X425-33	600X425-43	600X425-54	600X425-68	600X425-68
	14' 1" – 16' 0"	3-5/8" Studs = 362	362X425-33	362X425-54	362X425-68	362XTC425-68	362XTC425-68
		4" Studs = 400	400X425-33	400X425-54	400X425-68	400XTC425-68	400XTC425-68
		6" Studs = 600	600X425-33	600X425-43	600X425-54	600X425-68	600XTC425-54
	16' 1" – 18' 0"	3-5/8" Studs = 362	362X425-43	362X425-54	362X425-68	362XTC425-68	N/A
		4" Studs = 400	400X425-43	400X425-54	400X425-68	400XTC425-54	N/A
		6" Studs = 600	600X425-33	600X425-54	600X425-68	600XTC425-54	600XTC425-68
	18' 1" – 20' 0"	3-5/8" Studs = 362	362X425-43	362X425-54	362XTC425-68	362XTC425-68	N/A
		4" Studs = 400	400X425-43	400X425-54	400XTC425-54	400XTC425-68	N/A
		6" Studs = 600	600X425-43	600X425-54	600X425-68	600XTC425-54	600XTC425-68

For St: 1 inch = 25.4 mm, 1 mil = 0.0254 mm, 1 psf = 4.88 kg/m².

Notes:

- All Screws used to attach clips to jamb studs are No.8 Self-Tapping Waferhead Screws. No. 10 SMS (min. 3/4" long) are required at all 68 mil applications. Tables 7A, 7B, 8A, and 8B specify the number of screws in clip to jamb stud and header to clip.
- All Clips are 54 mil / 16 gauge / All Fasteners / Screws can be installed in either direction (i.e. Clip to Jamb or Jamb to Clip)
- Product Nomenclature: Series X = ProX Header Member "without" insert i.e. 362X425 - Series XTC = ProX Header Member "with" insert - i.e. 362XTC425
- Product Nomenclature: 33mil. = 20 gauge, 43mil. = 18 gauge, 54mil. = 16 gauge, 68mil. = 14 gauge - i.e. 362X425-54 = 16 gauge member
- The allowable transverse pressure of 5.0 psf is the maximum air pressure (such as in shaft walls) and also the maximum "Seismic Design Force" based on wall weight when using the IP and SDS in the Table above.

Table 10: Interior Header Schedule – IAPMO ER-0286 (IBC 2012/2015, CBC 2013/2016)
For use at 1-hour walls; 5/8" drywall full height each side of the wall. $I_p = 1.0$ & $S_{DS} = 3.72$ (max) or $I_p = 1.5$ & $S_{DS} = 2.48$ (max)
BUILDING CODE COMPLIANCE: IBC 2012, CBC 2013

Out-of-plane loading to be 5 psf min. per IBC or CBC Section 1607.14 or as determined by the building parameters. The use of this chart is acceptable for the Importance Factor, $I_p = 1.0$ and Spectral Response Acceleration, $S_{DS} = 3.72$ (max), OR Importance Factor $I_p = 1.5$ and Spectral Response Acceleration, $S_{DS} = 2.48$ (max). This chart is also valid for Design Categories A-F. Deflection $L/240$ – One (1) layer gypsum board (each side) = 6 psf wall height - 7.5 psf transverse pressure - 24" o.c. (max) Stud Spacing

Opening Type	Deck Height	Wall Width Stud Size	ALLOWABLE SPAN: PRO-X HEADER SELECTION – INTERIOR OPENING SPAN				
			0' – 4' 6"	4' 7" – 6' 6"	6' 7" – 8' 6"	8' 7" – 10' 6"	10' 7" – 12' 0"
Typical Interior Door (or) Window HEAD @ 7'-0" tall or greater	UP TO 14' 0"	3-5/8" Studs = 362	362X425-33	362X425-54	362X425-68	362XTC425-54	362XTC425-68
		4" Studs = 400	400X425-33	400X425-54	400X425-54	400XTC425-54	400XTC425-54
		6" Studs = 600	600X425-33	600X425-43	600X425-54	600X425-68	600XTC425-54
	14' 1" – 16' 0"	3-5/8" Studs = 362	362X425-43	362X425-54	362X425-68	362XTC425-68	362XTC425-68
		4" Studs = 400	400X425-33	400X425-54	400X425-68	400XTC425-54	400XTC425-68
		6" Studs = 600	600X425-33	600X425-54	600X425-68	600XTC425-54	600XTC425-54
	16' 1" – 18' 0"	3-5/8" Studs = 362	362X425-43	362X425-54	362XTC425-54	362XTC425-68	N/A
		4" Studs = 400	400X425-43	400X425-54	400XTC425-54	400XTC425-68	N/A
		6" Studs = 600	600X425-33	600X425-54	600X425-68	600XTC425-54	600XTC425-68
	18' 1" – 20' 0"	3-5/8" Studs = 362	362X425-43	362X425-68	362XTC425-54	N/A	N/A
		4" Studs = 400	400X425-43	400X425-54	400XTC425-54	400XTC425-68	N/A
		6" Studs = 600	600X425-43	600X425-54	600X425-68	600XTC425-54	600XTC425-68

For St: 1 inch = 25.4 mm, 1 mil = 0.0254 mm, 1 psf = 4.88 kg/m².

Notes:

- All Screws used to attach clips to jamb studs are No.8 Self-Tapping Waferhead Screws. No. 10 SMS (min. 3/4" long) are required at all 68 mil applications. Tables 7A, 7B, 8A, and 8B specify the number of screws in clip to jamb stud and header to clip.
- All Clips are 54 mil / 16 gauge / All Fasteners / Screws can be installed in either direction (i.e. Clip to Jamb or Jamb to Clip)
- Product Nomenclature: Series X = ProX Header Member "without" insert i.e. 362X425 - Series XTC = ProX Header Member "with" insert - i.e. 362XTC425
- Product Nomenclature: 33mil. = 20 gauge, 43mil. = 18 gauge, 54mil. = 16 gauge, 68mil. = 14 gauge - i.e. 362X425-54 = 16 gauge member
- The allowable transverse pressure of 7.5 psf is the maximum air pressure (such as in shaft walls) and also the maximum "Seismic Design Force" based on wall weight when using the IP and SDS in the Table above.

Table 11: Interior Header Schedule – IAPMO ER-0286 (IBC 2012/2015, CBC 2013/2016)

For use at 2-hour walls; 5/8" drywall full height each side of the wall. $I_p = 1.0$ & $S_{DS} = 4.97$ (max) or $I_p = 1.5$ & $S_{DS} = 3.31$ (max)

BUILDING CODE COMPLIANCE: IBC 2012, CBC 2013							
Out-of-plane loading to be 5 psf min. per IBC or CBC Section 1607.14 or as determined by the building parameters. The use of this chart is acceptable for the Importance Factor, $I_p = 1.0$ and Spectral Response Acceleration, $S_{DS} = 4.97$ (max), OR Importance Factor $I_p = 1.5$ and Spectral Response Acceleration, $S_{DS} = 3.31$ (max). This chart is also valid for Design Categories A-F. Deflection L/240 – One (1) layer gypsum board (each side) = 6 psf wall height - 10.0 psf transverse pressure - 24" o.c. (max) Stud Spacing							
Opening Type	Deck Height	Wall Width Stud Size	ALLOWABLE SPAN: PRO-X HEADER SELECTION – INTERIOR OPENING SPAN				
			0' – 4' 6"	4' 7" – 6' 6"	6' 7" – 8' 6"	8' 7" – 10' 6"	10' 7" – 12' 0"
Typical Interior Door (or) Window HEAD @ 7'-0" tall or greater	UP TO 14' 0"	3-5/8" Studs = 362	362X425-33	362X425-54	362X425-68	362XTC425-54	362XTC425-68
		4" Studs = 400	400X425-33	400X425-54	400X425-68	400XTC425-54	400XTC425-68
		6" Studs = 600	600X425-33	600X425-43	600X425-54	600X425-68	600XTC425-54
	14' 1" – 16' 0"	3-5/8" Studs = 362	362X425-43	362X425-54	362X425-68	362XTC425-68	N/A
		4" Studs = 400	400X425-43	400X425-54	400X425-68	400XTC425-68	400XTC425-68
		6" Studs = 600	600X425-33	600X425-54	600X425-68	600XTC425-54	600XTC425-54
	16' 1" – 18' 0"	3-5/8" Studs = 362	362X425-43	362X425-54	362XTC425-54	362XTC425-68	N/A
		4" Studs = 400	400X425-43	400X425-54	400XTC425-54	400XTC425-68	N/A
		6" Studs = 600	600X425-33	600X425-54	600X425-68	600XTC425-54	600XTC425-68
	18' 1" – 20' 0"	3-5/8" Studs = 362	362X425-54	362X425-68	362XTC425-54	N/A	N/A
		4" Studs = 400	400X425-43	400X425-68	400XTC425-54	N/A	N/A
		6" Studs = 600	600X425-43	600X425-54	600XTC425-54	600XTC425-54	600XTC425-68

For St: 1 inch = 25.4 mm, 1 mil = 0.0254 mm, 1 psf = 4.88 kg/m².

Notes:

- All Screws used to attach clips to jamb studs are No.8 Self-Tapping Waferhead Screws. No. 10 SMS (min. 3/4" long) are required at all 68 mil applications. Tables 7A, 7B, 8A, and 8B specify the number of screws in clip to jamb stud and header to clip.
- All Clips are 54 mil / 16 gauge / All Fasteners / Screws can be installed in either direction (i.e. Clip to Jamb or Jamb to Clip)
- Product Nomenclature: Series X = ProX Header Member "without" insert i.e.: 362X425 - Series XTC = ProX Header Member "with" insert - i.e.: 362XTC425
- Product Nomenclature: 33mil. = 20 gauge, 43mil. = 18 gauge, 54mil. = 16 gauge, 68mil. = 14 gauge - i.e.: 362X425-54 = 16 gauge member
- The allowable transverse pressure of 10.0 psf is the maximum air pressure (such as in shaft walls) and also the maximum "Seismic Design Force" based on wall weight when using the IP and SDS in the Table above.

Table 12: Interior Header Schedule – IAPMO ER-0286 (IBC 2012/2015, CBC 2013/2016)

For use at 2-hour walls; two layers of 5/8" drywall full height each side of the wall. $I_p = 1.0$ & $S_{DS} = 1.35$ (max) or $I_p = 1.5$ & $S_{DS} = 0.902$ (max)

BUILDING CODE COMPLIANCE: IBC 2012, CBC 2013							
Out-of-plane loading to be 5 psf min. per IBC or CBC Section 1607.14 or as determined by the building parameters. The use of this chart is acceptable for the Importance Factor, $I_p = 1.0$ and Spectral Response Acceleration, $S_{DS} = 1.35$ (max), OR Importance Factor $I_p = 1.5$ and Spectral Response Acceleration, $S_{DS} = 0.902$ (max). This chart is also valid for Design Categories A-F. Deflection L/240 – Two (2) layers gypsum board (each side) = 11 psf wall height - 5 psf transverse pressure - 24" o.c. (max) Stud Spacing							
Opening Type	Deck Height	Wall Width Stud Size	ALLOWABLE SPAN: PRO-X HEADER SELECTION – INTERIOR OPENING SPAN				
			0' – 4' 6"	4' 7" – 6' 6"	6' 7" – 8' 6"	8' 7" – 10' 6"	10' 7" – 12' 0"
Typical Interior Door (or) Window HEAD @ 7'-0" tall or greater	UP TO 14' 0"	3-5/8" Studs = 362	362X425-43	362X425-54	362X425-68	362XTC425-68	N/A
		4" Studs = 400	400X425-43	400X425-54	400X425-68	400XTC425-68	N/A
		6" Studs = 600	600X425-33	600X425-54	600X425-68	600XTC425-54	600XTC425-68
	14' 1" – 16' 0"	3-5/8" Studs = 362	362X425-43	362X425-68	362XTC425-54	N/A	N/A
		4" Studs = 400	400X425-43	400X425-68	400XTC425-54	N/A	N/A
		6" Studs = 600	600X425-43	600X425-54	600XTC425-54	600XTC425-68	N/A
	16' 1" – 18' 0"	3-5/8" Studs = 362	362X425-54	362X425-68	362XTC425-68	N/A	N/A
		4" Studs = 400	400X425-54	400X425-68	400XTC425-68	N/A	N/A
		6" Studs = 600	600X425-43	600X425-68	600XTC425-54	N/A	N/A
	18' 1" – 20' 0"	3-5/8" Studs = 362	362X425-54	362XTC425-54	N/A	N/A	N/A
		4" Studs = 400	400X425-54	400X425-68	400XTC425-68	N/A	N/A
		6" Studs = 600	600X425-54	600X425-68	600XTC425-68	N/A	N/A

For St: 1 inch = 25.4 mm, 1 mil = 0.0254 mm, 1 psf = 4.88 kg/m².

Notes:

- All Screws used to attach clips to jamb studs are No. 8 Self-Tapping Waferhead Screws. No. 10 SMS (min. 3/4" long) are required at all 68 mil applications. Tables 7A, 7B, 8A, and 8B specify the number of screws in clip to jamb stud and header to clip.
- All Clips are 54 mil / 16 gauge / All Fasteners / Screws can be installed in either direction (i.e. Clip to Jamb or Jamb to Clip)
- Product Nomenclature: Series X = ProX Header Member "without" insert i.e.: 362X425 - Series XTC = ProX Header Member "with" insert - i.e.: 362XTC425
- Product Nomenclature: 33mil. = 20 gauge, 43mil. = 18 gauge, 54mil. = 16 gauge, 68mil. = 14 gauge - i.e.: 362X425-54 = 16 gauge member
- The allowable transverse pressure of 5.0 psf is the maximum air pressure (such as in shaft walls) and also the maximum "Seismic Design Force" based on wall weight when using the IP and SDS in the Table above.

Table 13: Interior Header Schedule – IAPMO ER-0286 (IBC 2012/2015, CBC 2013/2016)
For use at 2-hour walls; two layers of 5/8" drywall full height each side of the wall. $I_p = 1.0$ & $S_{DS} = 2.03$ (max) or $I_p = 1.5$ & $S_{DS} = 4.97$ (max)
BUILDING CODE COMPLIANCE: IBC 2012, CBC 2013

Out-of-plane loading to be 5 psf min. per IBC or CBC Section 1607.14 or as determined by the building parameters. The use of this chart is acceptable for the Importance Factor, $I_p = 1.0$ and Spectral Response Acceleration, $S_{DS} = 2.03$ (max), OR Importance Factor $I_p = 1.5$ and Spectral Response Acceleration, $S_{DS} = 1.35$ (max). This chart is also valid for Design Categories A-F. Deflection $L/240$ – One (1) layer gypsum board (each side) = 11 psf wall height - 7.5 psf transverse pressure - 24" o.c. (max) Stud Spacing

Opening Type	Deck Height	Wall Width Stud Size	ALLOWABLE SPAN: PRO-X HEADER SELECTION – INTERIOR OPENING SPAN				
			0' – 4' 6"	4' 7" – 6' 6"	6' 7" – 8' 6"	8' 7" – 10' 6"	10' 7" – 12' 0"
Typical Interior Door (or) Window HEAD @ 7'-0" tall or greater	UP TO 14' 0"	3-5/8" Studs = 362	362X425-43	362X425-54	362XTC425-54	362XTC425-68	N/A
		4" Studs = 400	400X425-43	400X425-54	400XTC425-54	400XTC425-68	N/A
		6" Studs = 600	600X425-43	600X425-54	600X425-68	600XTC425-54	600XTC425-68
	14' 1" – 16' 0"	3-5/8" Studs = 362	362X425-54	362X425-68	362XTC425-68	N/A	N/A
		4" Studs = 400	400X425-43	400X425-68	400XTC425-54	N/A	N/A
		6" Studs = 600	600X425-43	600X425-54	600XTC425-54	600XTC425-68	N/A
	16' 1" – 18' 0"	3-5/8" Studs = 362	362X425-54	362X425-68	362XTC425-68	N/A	N/A
		4" Studs = 400	400X425-54	400X425-68	400XTC425-68	N/A	N/A
		6" Studs = 600	600X425-54	600X425-68	600XTC425-54	N/A	N/A
	18' 1" – 20' 0"	3-5/8" Studs = 362	362X425-54	362XTC425-54	N/A	N/A	N/A
		4" Studs = 400	400X425-54	400XTC425-54	400XTC425-68	N/A	N/A
		6" Studs = 600	600X425-54	600X425-68	600XTC425-68	N/A	N/A

For St: 1 inch = 25.4 mm, 1 mil = 0.0254 mm, 1 psf = 4.88 kg/m².

Notes:

- All Screws used to attach clips to jamb studs are No. 8 Self-Tapping Waferhead Screws. No. 10 SMS (min. 3/4" long) are required at all 68 mil applications. Tables 7A, 7B, 8A, and 8B specify the number of screws in clip to jamb stud and header to clip.
- All Clips are 54 mil / 16 gauge / All Fasteners / Screws can be installed in either direction (i.e. Clip to Jamb or Jamb to Clip)
- Product Nomenclature: Series X = ProX Header Member "without" insert i.e.: 362X425 - Series XTC = ProX Header Member "with" insert - i.e.: 362XTC425
- Product Nomenclature: 33mil. = 20 gauge, 43mil. = 18 gauge, 54mil. = 16 gauge, 68mil. = 14 gauge - i.e.: 362X425-54 = 16 gauge member
- The allowable transverse pressure of 7.5 psf is the maximum air pressure (such as in shaft walls) and also the maximum "Seismic Design Force" based on wall weight when using the IP and SDS in the Table above.

Table 14: Interior Header Schedule – IAPMO ER-0286 (IBC 2012/2015, CBC 2013/2016)
For use at 2-hour walls; two layers of 5/8" drywall full height each side of the wall. $I_p = 1.0$ & $S_{DS} = 2.70$ (max) or $I_p = 1.5$ & $S_{DS} = 1.80$ (max)
BUILDING CODE COMPLIANCE: IBC 2012, CBC 2013

Out-of-plane loading to be 5 psf min. per IBC or CBC Section 1607.14 or as determined by the building parameters. The use of this chart is acceptable for the Importance Factor, $I_p = 1.0$ and Spectral Response Acceleration, $S_{DS} = 2.70$ (max), OR Importance Factor $I_p = 1.5$ and Spectral Response Acceleration, $S_{DS} = 1.80$ (max). This chart is also valid for Design Categories A-F. Deflection $L/240$ – One (1) layer gypsum board (each side) = 11 psf wall height - 10.0 psf transverse pressure - 24" o.c. (max) Stud Spacing

Opening Type	Deck Height	Wall Width Stud Size	ALLOWABLE SPAN: PRO-X HEADER SELECTION – INTERIOR OPENING SPAN				
			0' – 4' 6"	4' 7" – 6' 6"	6' 7" – 8' 6"	8' 7" – 10' 6"	10' 7" – 12' 0"
Typical Interior Door (or) Window HEAD @ 7'-0" tall or greater	UP TO 14' 0"	3-5/8" Studs = 362	362X425-43	362X425-68	362XTC425-54	N/A	N/A
		4" Studs = 400	400X425-43	400X425-54	400XTC425-54	400XTC425-68	N/A
		6" Studs = 600	600X425-43	600X425-54	600X425-68	600XTC425-54	600XTC425-68
	14' 1" – 16' 0"	3-5/8" Studs = 362	362X425-54	362X425-68	362XTC425-68	N/A	N/A
		4" Studs = 400	400X425-54	400X425-68	400XTC425-68	N/A	N/A
		6" Studs = 600	600X425-43	600X425-54	600XTC425-54	600XTC425-68	N/A
	16' 1" – 18' 0"	3-5/8" Studs = 362	362X425-54	362XTC425-54	362XTC425-68	N/A	N/A
		4" Studs = 400	400X425-54	400X425-68	400XTC425-68	N/A	N/A
		6" Studs = 600	600X425-54	600X425-68	600XTC425-54	N/A	N/A
	18' 1" – 20' 0"	3-5/8" Studs = 362	362X425-54	362XTC425-54	N/A	N/A	N/A
		4" Studs = 400	400X425-54	400XTC425-54	N/A	N/A	N/A
		6" Studs = 600	600X425-54	600X425-68	600XTC425-68	N/A	N/A

For St: 1 inch = 25.4 mm, 1 mil = 0.0254 mm, 1 psf = 4.88 kg/m².

Notes:

- All Screws used to attach clips to jamb studs are No. 8 Self-Tapping Waferhead Screws. No. 10 SMS (min. 3/4" long) are required at all 68 mil applications. Tables 7A, 7B, 8A, and 8B specify the number of screws in clip to jamb stud and header to clip.
- All Clips are 54 mil / 16 gauge / All Fasteners / Screws can be installed in either direction (i.e. Clip to Jamb or Jamb to Clip)
- Product Nomenclature: Series X = ProX Header Member "without" insert i.e.: 362X425 - Series XTC = ProX Header Member "with" insert - i.e.: 362XTC425
- Product Nomenclature: 33mil. = 20 gauge, 43mil. = 18 gauge, 54mil. = 16 gauge, 68mil. = 14 gauge - i.e.: 362X425-54 = 16 gauge member
- The allowable transverse pressure of 10.0 psf is the maximum air pressure (such as in shaft walls) and also the maximum "Seismic Design Force" based on wall weight when using the IP and SDS in the Table above.



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