



Steel Framing and Metal Lath

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PRO-X HEADER® - PRODUCT IDENTIFICATION

Member Designation/Nomenclature

	<p>Sample ~ 362 = 3-5/8" 362 X 425 - 54 gauge/mil. 362 = member (width) depth / X = ProX Header Outer (style) / 425 = flange width (leg height) / 54 = material (gauge) thickness</p>
	<p>362 XT 162 - 54 gauge/mil. 362 = member (width) depth / XT = ProX Header Insert (style) / 162 = flange width (leg height) / 54 = material (gauge) thickness</p>
	<p>362 XTC 425 - 54 gauge/mil. 362 = member (width) depth / XTC = ProX Header Combo (style) / 425 = flange width (leg height) / 54 = material (gauge) thickness</p>
	<p>362 Clip 150 - 54 gauge/mil. 362 = member (width) depth / X = ProX Header Clip (style) / 150 = flange width (leg height) / 54 = material (gauge) thickness</p>
<p>33mil. = 20 gauge • 43mil. = 18 gauge • 54mil. = 16 gauge • 68mil. = 14 gauge</p>	

<p>362 = 3-5/8"</p> <p>362 X 425 - 33 362 X 425 - 54 362 XT 162 - 33 362 XT 162 - 54 362 XTC 425 - 33 362 XTC 425 - 54 362 X 425 - 43 362 X 425 - 68 362 XT 162 - 43 362 XT 162 - 68 362 XTC 425 - 43 362 XTC 425 - 68 362 CLIP - 54</p>				
<p>400 = 4"</p> <p>400 X 425 - 33 400 X 425 - 54 400 XT 162 - 33 400 XT 162 - 54 400 XTC 425 - 33 400 XTC 425 - 54 400 X 425 - 43 400 X 425 - 68 400 XT 162 - 43 400 XT 162 - 68 400 XTC 425 - 43 400 XTC 425 - 68 400 CLIP - 54</p>				
<p>600 = 6"</p> <p>600 X 425 - 33 600 X 425 - 54 600 XT 162 - 33 600 XT 162 - 54 600 XTC 425 - 33 600 XTC 425 - 54 600 X 425 - 43 600 X 425 - 68 600 XT 162 - 43 600 XT 162 - 68 600 XTC 425 - 43 600 XTC 425 - 68 600 CLIP - 54</p>				

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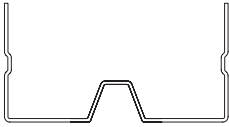

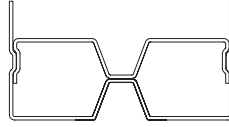
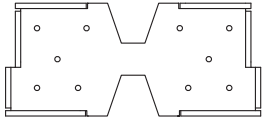
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PRO-X HEADER® - PRODUCT IDENTIFICATION

Member Designation/Nomenclature (continued)

800 = 8"					
800 X 425 - 33	800 X 425 - 54	 <p>800 Series X = ProX Outer</p>	 <p>XT162 = ProX Insert</p>	 <p>XTC425 = ProX Combo</p>	 <p>CLIP = ProX Clip</p>
800 XT 162 - 33	800 XT 162 - 54				
800 XTC 425 - 33	800 XTC 425 - 54				
800 X 425 - 43	800 X 425 - 68				
800 XT 162 - 43	800 XT 162 - 68				
800 XTC 425 - 43	800 XTC 425 - 68				
	800 CLIP - 54				

Member Designation/Nomenclature

Member Identification shall be as shown:

1. Member Depth:

Example: 6" = 600/100 inches

All member depths are taken in 1/100 inches. For all "X" and "XTC" sections member depth (width) is the outside-to-outside dimension (OD).

2. Style:

Example: Member type sections = X

The four alpha characters utilized by the designator system are:

S = stud
T = track
U = channel sections
F = furring channel sections

X = ProX Header (Outer)
XT = ProX Insert
XTC = ProX Header (Combo)
CLIP = ProX Clip

3. Flange Width:

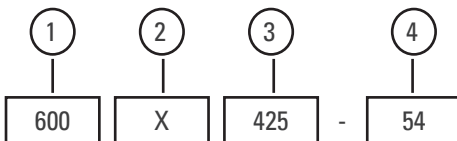
Example: 4-1/4" = 4.25" = 425 x 1/100 inches

All member depths are taken in 1/100 inches.

4. Material Thickness:

Example: 0.054 in. = 54 mils; 1 mil. = 1/1000 inch

Material thickness is the minimum base material thickness in mils. Minimum base material thickness represents 95% of the design thickness.



Light Gauge Steel / Material Standards

- All work shall meet the requirements of the following standards:
 - American Iron and Steel Institute (AISI) Design of Cold-Formed Steel structural members
 - American Society for Testing and Materials (ASTM)
- All stud and track material to conform to the following:
 - 54 mil. (gauge) and heavier:
50 ksi min. yield, 65 ksi min. tensile strength
Galvanised steel per ASTM A635 - Grade 50
 - 43 mil. (gauge) and lighter:
33 ksi min. yield, 45 ksi min. tensile strength
Galvanised steel per ASTM A635 - Grade 33
- Miscellaneous steel to conform to the following:
 - 33 mil. - 43 mil. 33 ksi min. yield
 - 54 mil. - 68 mil. 50 ksi min. yield
- All framing components shall be cut squarely or on an angle such as bracing to squarely fit against abutting members. Members shall be held firmly in position until properly fastened.
- All studs shall be attached by screws unless noted otherwise. Wire tying of framing components is not permitted.
- All calculated stud properties per AISI specification are based on the following thickness:

A. 14 gauge (68 mil)	0.0713"
B. 16 gauge (54 mil)	0.0566"
C. 18 gauge (43 mil)	0.0451"
D. 20 gauge (33 mil)	0.0346"
- Utility punch holes in the studs shall be located away from connections.
- These drawings assume that the primary structure intended to support and resist loads produced by the interior/exterior framing system have been adequately designed for this purpose unless specifically noted.

ProX Header® is a registered trademark of Brady Innovations, LLC. • US Patent Nos. 6,799,408; 7,178,695; 7,730,695 & 8,281,544 are owned by Brady Innovations, LLC.

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