

Structural studs and track

Structural studs and track are used for floor and ceiling joists, axial load-bearing walls and curtain walls. Load-bearing members start at a thickness of 33 mils and can be as thick as 97 mils. Members are selected based on the loads they will be required to carry as well as wall and floor thicknesses called for in the building design. To determine which members meet specific load requirements, consult with the ClarkWestern technical representative nearest you and request Product Technical Data & Tables.



Structural studs

ClarkWestern studs are made in a variety of flange widths to meet different applications. ClarkWestern S162 members are preferred for most axial wall and curtain wall applications. ClarkWestern S200 members are preferred for most joist applications and also are used in instances where the wider attachment surface is desired for panel attachment in walls. ClarkWestern S250 members are desired by contractors who enjoy the added strength and attachment surface particularly for joist applications. Additional member depths of 725, 925, 1150, 1350 and 1400 are also available. All studs and track are color coded for easy identification.

How to identify our products.

Steel stud and track members are easy to identify. The numerical code used for each member describes its dimensions and form.

The first three series of numbers relates to the web dimension or stud cavity depth in inches and fractions. For instance **362** is 3.62 inches or 3-5/8 inches.

The letter **S** or **T** identifies the member as a stud or track.

The next series of numbers identifies the attachment flange of the stud or depth of the track. For instance **125** is 1.25 inches or 1-1/4 inches.

Separated by a dash, the last number is the metal thickness.

So **18** mils is 0.0179 inches thick (25 gauge), **33** mils is 0.0329 inches thick (20 gauge) etc.



S 162 (Stud 1-5/8" flange)

Galvanized stud weight (lbs./1000')										
Thickness		Size (web dimension) S162 (1-5/8" flange)								
mils	(ga)	250	350	362	400	550	600	800	1000	1200
33	(20)	760	880	890	940	1110	1170	1410		
43	(18)	980	1140	1160	1210	1440	1520	1830	2130	
54	(16)	1220	1410	1440	1510	1800	1890	2280	2660	3050
68	(14)	1510	1750	1780	1870	2240	2360	2840	3330	3810
97	(12)			1990	2195	3015	3290	3980	4670	5360
Pcs./pallet		120	120	120	120	80	80	60	40	40



S 200 (Stud 2" flange)

Galvanized stud weight (lbs./1000')										
Thickness		Size (web dimension) S200 (2" flange)								
mils	(ga)	250	350	362	400	550	600	800	1000	1200
33	(20)			1010	1050		1290	1520		
43	(18)			1310	1370		1670	1980	2290	
54	(16)			1630	1700		2090	2470	2860	3240
68	(14)			2020	2120		2600	3090	3570	4060
97	(12)						3630	4320	5020	5710
Pcs./pallet				120	120		80	60	40	40



S 250 (Stud 2-1/2" flange)

Galvanized stud weight (lbs./1000')										
Thickness		Size (web dimension) S250 (2-1/2" flange)								
mils	(ga)	250	350	362	400	550	600	800	1000	1200
33	(20)									
43	(18)			1220	1460		1830	2130	2440	
54	(16)			1520	1820		2280	2660	3050	3430
68	(14)			1895	2270		2840	3330	3810	4300
97	(12)			2655	3160		3980	4670	5360	6050
Pcs./pallet				96	96		64	48	32	32

Structural track

ClarkWestern structural track is designed for use with structural studs. The track is available in matching thicknesses and web dimensions. Typically, T125 track is sufficient for most applications, although T150 legs are preferred by some contractors. The longer-leg T200 track is available for applications requiring additional support or for use in meeting certain seismic construction standards.



T 125 (1-1/4" leg)

Galvanized track weight (lbs./1000')										
Thickness	Size (web dimension) T125 (1-1/4" leg)									
mils (ga)	250	350	362	400	550	600	800	1000	1200	
33 (20)	590	710	720	760	940	1000	1240			
43 (18)	770	920	940	1000	1230	1300	1610	1920		
54 (16)	960	1150	1180	1250	1540	1630	2020	2410	2790	
68 (14)	1210	1450	1480	1570	1940	2060	2540	3300	3510	
97 (12)			2110	2240	2760	2930	3630	4320	5010	
Pcs./pallet	120	120	120	120	80	80	60	40	40	



T 150 (1-1/2" leg)

Galvanized track weight (lbs./1000')										
Thickness	Size (web dimension) T150 (1-1/2" leg)									
mils (ga)	250	350	362	400	550	600	800	1000	1200	
33 (20)	650	760	780	820	1000	1060	1290			
43 (18)	840	1000	1020	1070	1300	1380	1690	1990		
54 (16)	1060	1250	1270	1350	1630	1730	2120	2500	2890	
68 (14)	1330	1570	1600	1690	2060	2180	2670	3150	3640	
97 (12)						3110	3800	4490	5180	
Pcs./pallet	120	120	120	120	80	80	60	40	40	



T 200 (2" leg)

Galvanized track weight (lbs./1000')										
Thickness	Size (web dimension) T200 (2" leg)									
mils (ga)	250	350	362	400	550	600	800	1000	1200	
33 (20)	760	880	900	940	1120	1180	1410			
43 (18)	1000	1150	1170	1230	1460	1530	1840	2150		
54 (16)	1250	1440	1470	1540	1830	1920	2310	2690	3080	
68 (14)	1570	1820	1850	1940	2300	2420	2910	3390	3880	
97 (12)						3450	4150	4840	5530	
Pcs./pallet	120	120	120	120	80	80	60	40	40	



Slip track 250 (2-1/2" leg)

Lets head of wall float within the legs of the track. Allows for deflection and seismic conditions.

Galvanized track weight (lbs./1000')						
Thickness	Size (web dimension) T250 (2-1/2" leg)					
mils (ga)	250	362	400	600	800	
43 (18)	1140	1310	1370	1680	1990	
54 (16)	1420	1640	1710	2100	2480	
68 (14)	1780	2050	2140	2630	2310	

Available painted or galvanized. Also available in 100 (1") and 200 (2") leg sizes.



Notched track

Used for bracing and bridging of joists and exterior walls. Also used in hospitals and schools as mechanical backing to support equipment attachment.

Galvanized track weight (lbs./1000')				
Size	400 43 mil	600 43 mil	400 54 mil	600 54 mil
100	920	1230	1150	1540
125	1000	1300	1250	1630
150	1070	1380	1350	1730

Available West Coast only.

Clark slide clips

Clark slide clips suspend curtain wall framing members, allowing vertical movement of the structure (deflection) without transferring axial load to the wall system. Angle-type slide clip lateral capacity is 400 lbs.; double clip is 700 lbs. Channel-type slide clip lateral capacity ranges from 600 lbs. to 1200 lbs. depending on steel gauge and strength. Consult ClarkWestern sales or technical support for detailed information.

